









REVIEWED

By Briany Wylie at 7:35 pm, Feb 17, 2022

Worklist: 5601

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-0078	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0102	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0109	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2022-0114	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0115	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0117	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0120	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0132	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0166	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0186	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0206	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0234	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0255	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-0273	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 2/11/22

Analyst: Anne Nord

Plate lot#: 211018

Plate re-test: 04/18/22

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

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

Blank Blood Lot: 22B52020 **Urine Blank lot:** 83121

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

LCMS-QQQ ID: 69679

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) Pipette ID: 1926134 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 7. 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
- 8. Wait 5 minutes.
- 9. Add 900uL ethyl acetate.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add 900uL ethyl acetate.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

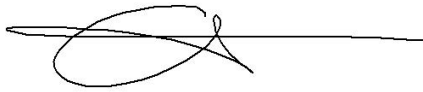
Post-Analytic

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

COMMENTS: *The wrong acquisition method was set for the calibrators on the injections done 2/11/22 these injections were not evaluated., the correct method was selected, and the run was re-injected 2/14/22.*

Curve limits: amphetamine 5-250, ~~dihydrocodeine 5-500~~, lorazepam 5-500, MDA 5-500, methamphetamine 10-500 (reported as less than 25 between 20 and 25), norbuprenorphine 2.5-100, phentermine 5-500, trazodone 5-500

When cal 1 was first injected on 2/14/22 the instrument had not equilibrated and the retention times were off, this injection was not evaluated this calibrator was re-injected and evaluated. Curve limit for dihydrocodeine 5-250



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	102-1	255-1								
B	IS + Cal. 2	IS + QC_2	117-1	273-2								
C	IS + Cal. 3	qc3	132-1									
D	IS + Cal. 4	IS + QC_4	120-1	neg urine								
E	IS + Cal. 5	Qc 2 urine	166-1	109-1								
F	IS + Cal. 6	114-1	206-1	negative blood								
G	IS + Cal. 7	078-1	186-1									
H	IS + Cal. 8	115-1	234-1									

Run blanks before

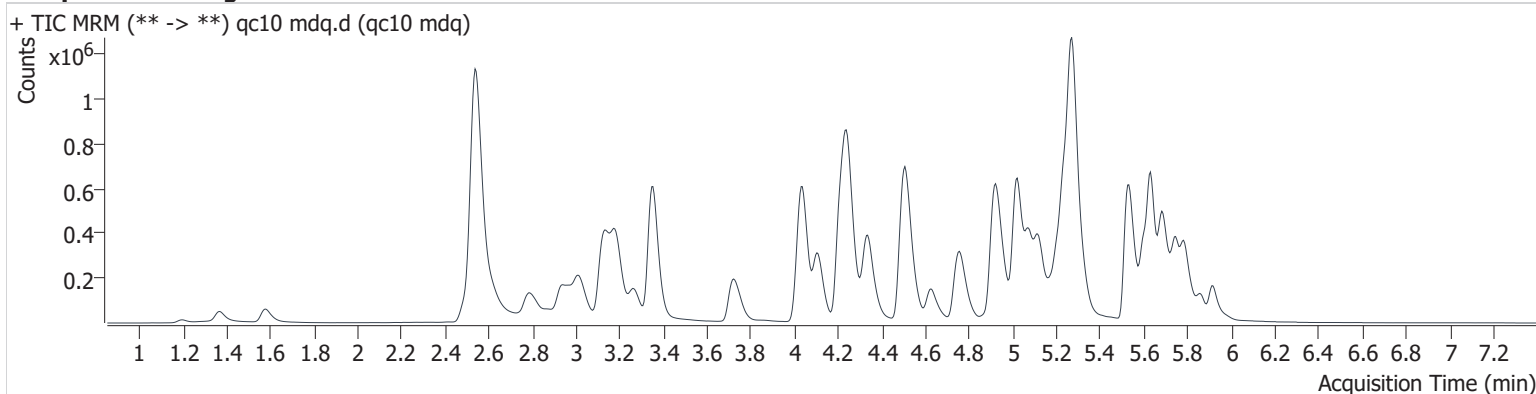
c2022-__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument 69679 **Data File** qc10 mdq.d
Type QC **Sample** qc10 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A2 **Comment**
Injection Volume 3
Acq. Date-Time 2/14/2022 10:59:54 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.130	2914	10151.2	135.4	∞	86745	0.983 ng/ml
7-aminoclonazepam	4.263	58261	1267.2	66.7	17146.7	215970	10.072 ng/ml
a-hydroxyalprazolam	5.677	6533	∞	50.1	∞	488808	9.484 ng/ml
alpha-PHP	4.912	152515	6051.3	42.4	4564.2	542778	9.936 ng/ml
alpha-PVP	4.343	210090	40313.2	55.1	4169.9	918065	9.726 ng/ml
Alprazolam	5.751	84787	∞	94.4	1152.7	312508	9.138 ng/ml
Amphetamine	3.016	125745	3006.9	264.5	∞	542778	10.759 ng/ml
Benzoylcegonine	3.876	2953	72434.2	57.2	166.6	9733	9.485 ng/ml
Buprenorphine	5.806	7566	5668.4	15.8	1113.5	109616	1.033 ng/ml
Bupropion	4.772	190106	10439.8	74.6	3914.1	901778	10.172 ng/ml
Carisoprodol	5.706	44476	80843.0	62.9	1427.8	173144	10.341 ng/ml
Citalopram	5.212	153556	6953.9	37.8	3396.9	707446	9.707 ng/ml
Clonazepam	5.594	32124	2355.4	35.0	27464.8	60455	10.330 ng/ml
Clonazolam	5.540	44345	658409.7	39.7	∞	60455	9.609 ng/ml
Cocaine	4.247	148241	8687.4	52.2	2999.3	1284179	9.848 ng/ml
Codeine	2.562	22646	2115.0	86.9	2583.2	90182	11.377 ng/ml
Cyclobenzaprine	5.606	201755	9503.5	8.2	1200.6	611477	10.275 ng/ml
Dextromethorphan	5.245	115258	2441.3	79.3	2404.2	572777	10.010 ng/ml
Dextrophan	4.109	136502	2152.3	43.9	4218.3	707973	9.759 ng/ml
Diazepam	5.919	64706	3240.7	84.7	3058.0	313191	10.081 ng/ml
Dihydrocodeine	2.526	53853	1726.3	60.7	126.0	339319	10.865 ng/ml
Diphenhydramine	5.277	505914	11214.4	31.2	7662.8	2674000	9.670 ng/ml
Doxylamine	4.522	482684	∞	72.3	10653.8	1897709	9.897 ng/ml
EDDP	5.239	172780	9994.0	42.8	23455.2	929552	10.124 ng/ml
Etizolam	5.786	45343	10652.5	24.2	22474399.0	313191	9.946 ng/ml
Fentanyl	5.092	17788	14102.2	111.0	49968.1	953697	1.081 ng/ml
Flualprazolam	5.682	36240	765.2	96.2	10970.2	312508	9.601 ng/ml
Fluoxetine	5.688	191430	6221.3	6.3	∞	638476	10.258 ng/ml
Hydrocodone	3.003	56950	1085.1	36.7	∞	321996	10.143 ng/ml
Hydromorphone	1.587	43345	∞	72.2	2546679641 7229.5	144717	10.211 ng/ml
Ketamine	4.038	146438	4495.8	35.5	854.9	704496	10.619 ng/ml
Lamotrigine	4.280	13498	30166.0	95.2	2075.4	166404	9.538 ng/ml

AM #28 Multi-Drug Quant. Results

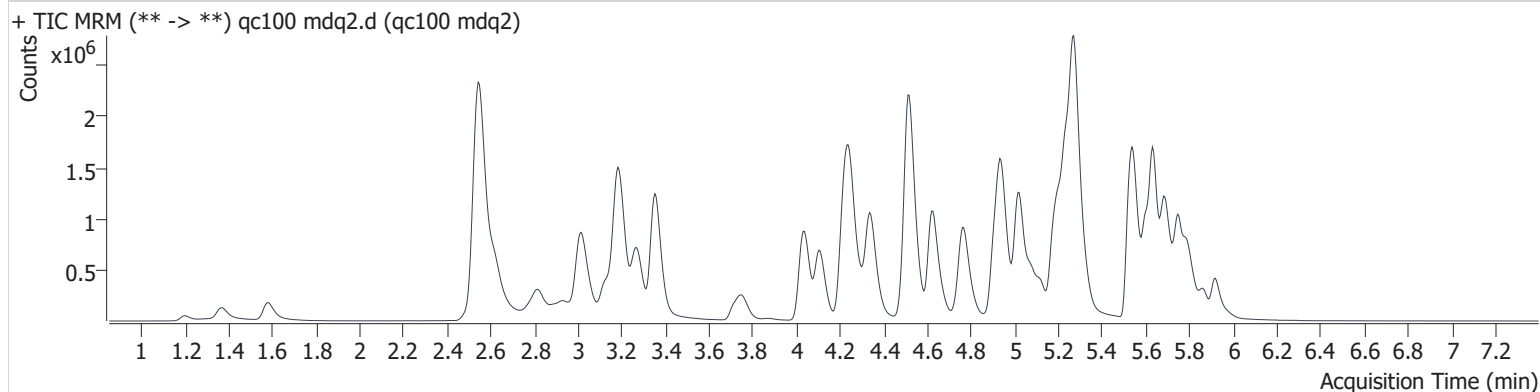
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.620	47825	4688.6	227.3	2987.5	1215123	10.087 ng/ml
Lorazepam	5.724	14899	∞	45.2	2451.3	60455	11.414 ng/ml
MDA	3.179	161794	19257.0	27.3	3067.7	499700	10.665 ng/ml
MDMA	3.271	145464	∞	97.2	3251.0	151323	10.247 ng/ml
Meprobamate	4.897	23309	4498.3	32.1	215.7	173144	9.884 ng/ml
Methadone	5.636	254330	3171.7	59.4	3299.3	1215123	9.637 ng/ml
Methamphetamine	3.190	397658	6154.1	39.2	1706.2	1266166	7.001 ng/ml
Metoprolol	4.305	34840	3425.9	101.0	∞	499700	9.275 ng/ml
Mirtazapine	4.626	314001	3958.1	47.8	10509.4	1215123	9.874 ng/ml
Mitragynine	5.226	50335	180349.5	29.8	∞	26504	11.190 ng/ml
Morphine	1.201	7061	6620.7	16.4	1843.0	8731	9.980 ng/ml
Norbuprenorphine	4.982	1985	4637.8	69.3 Low	6157.9	26504	1.312 ng/ml ocr
Nordiazepam	5.868	44164	∞	65.3	∞	166404	9.743 ng/ml
Norfentanyl	4.064	11190	971.3	40.2	25835.9	1304868	0.974 ng/ml
Norhydrocodone	3.044	4742	403.0	27.8	207.9	88131	9.166 ng/ml
Noroxycodone	2.895	38954	∞	48.6	∞	132236	10.210 ng/ml
O-desmethyl-tramadol	3.358	332142	∞	6.3	1569.6	1674307	9.833 ng/ml
Oxazepam	5.731	32524	7156.1	68.8	144.5	131414	9.994 ng/ml
Oxycodone	2.817	112795	∞	29.6	∞	488935	10.052 ng/ml
Oxymorphone	1.369	44669	∞	44.4	∞	158501	9.938 ng/ml
Phentermine	3.755	50508	1621.7	12.1	470.8	659744	10.290 ng/ml
Promethazine	5.527	239517	14561.4	45.0	12160.2	1258751	9.821 ng/ml
Pseudoephedrine	2.550	723813	7144948574 50541.0	24.6	∞	3562247	9.877 ng/ml
Quetiapine	5.545	168956	12396.1	65.3	102964.7	258120	10.078 ng/ml
Sertraline	5.751	63174	29717.8	98.0	25113.6	257139	10.329 ng/ml
Temazepam	5.793	104694	13475.7	27.7	964.8	488808	10.712 ng/ml
Tramadol	4.228	350039	11280.2	3.6	667.3	1685475	10.201 ng/ml
Trazodone	5.180	230349	7449.5	81.9	∞	971432	10.494 ng/ml
Venlafaxine	5.021	239662	3015.0	38.1	1269.7	1916841	10.511 ng/ml
Zolpidem	4.941	372684	17862.6	29.0	6685.7	1701700	9.828 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument	69679	Data File	qc100 mdq2.d
Type	QC	Sample	qc100 mdq2
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	2/14/2022 3:12:15 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.130	24477	∞	125.8	466174.1	67921	10.265 ng/ml
7-aminoclonazepam	4.258	374021	35836.8	71.0	76955.4	143629	98.953 ng/ml
a-hydroxyalprazolam	5.672	38740	651.1	54.5	∞	315342	102.912 ng/ml
alpha-PHP	4.907	1186116	446171.3	40.6	16474.5	420216	106.049 ng/ml
alpha-PVP	4.343	1654554	136665.1	54.1	322176.4	734806	93.991 ng/ml
Alprazolam	5.751	608063	2121.8	92.0	4445.4	221834	102.800 ng/ml
Amphetamine	3.016	771421	∞	262.5	38296.1	420216	98.800 ng/ml
Benzoylcegonine	3.871	22601	∞	54.0	1623.0	7556	99.503 ng/ml
Buprenorphine	5.806	55731	∞	15.4	10159.9	86390	9.022 ng/ml
Bupropion	4.767	1539017	3268788.3	74.7	24359.9	743110	98.638 ng/ml
Carisoprodol	5.706	269345	908430.2	64.7	5450.3	109316	96.951 ng/ml
Citalopram	5.206	1136924	331923.3	37.6	18877.2	518521	97.598 ng/ml
Clonazepam	5.594	194210	∞	35.0	∞	37036	110.392 ng/ml
Clonazepam	5.540	283402	∞	38.7	1306477053	37036	102.180 ng/ml
					73983.0		
Cocaine	4.242	1138643	∞	51.0	770530.7	981893	100.979 ng/ml
Codeine	2.567	138791	∞	93.1	∞	62923	104.634 ng/ml
Cyclobenzaprine	5.606	1476803	41374.0	8.4	∞	469954	97.824 ng/ml
Dextromethorphan	5.245	861370	20578.3	76.4	∞	420404	98.379 ng/ml
Dextrorphan	4.109	1092402	494414.1	44.2	271331.0	562027	97.639 ng/ml
Diazepam	5.919	490112	7795.6	86.4	∞	238315	101.832 ng/ml
Dihydrocodeine	2.526	376114	648.5	60.7	1505.5	269856	103.129 ng/ml
Diphenhydramine	5.277	3855776	2826318.3	31.2	1385011.8	2037703	94.526 ng/ml
Doxylamine	4.517	3932863	270330.3	72.2	194145.6	1537302	101.435 ng/ml
EDDP	5.239	1305316	506070.5	44.9	3508527.4	727946	96.148 ng/ml
Etizolam	5.786	334853	23155.5	23.9	30756.3	238315	99.444 ng/ml
Fentanyl	5.087	138635	159108.5	117.0	551517.9	781963	9.539 ng/ml
Flualprazolam	5.682	267387	12941.3	94.5	2890.0	221834	101.507 ng/ml
Fluoxetine	5.688	1276007	∞	7.1	75056.0	456835	98.284 ng/ml
Hydrocodone	3.003	430128	∞	36.6	∞	255031	99.337 ng/ml
Hydromorphone	1.582	347263	∞	75.1	∞	119278	98.209 ng/ml
Ketamine	4.038	1124408	1981442.0	37.2	5493.3	571552	104.760 ng/ml
Lamotrigine	4.280	101377	70468.0	88.0	378367.6	118781	99.123 ng/ml

AM #28 Multi-Drug Quant. Results

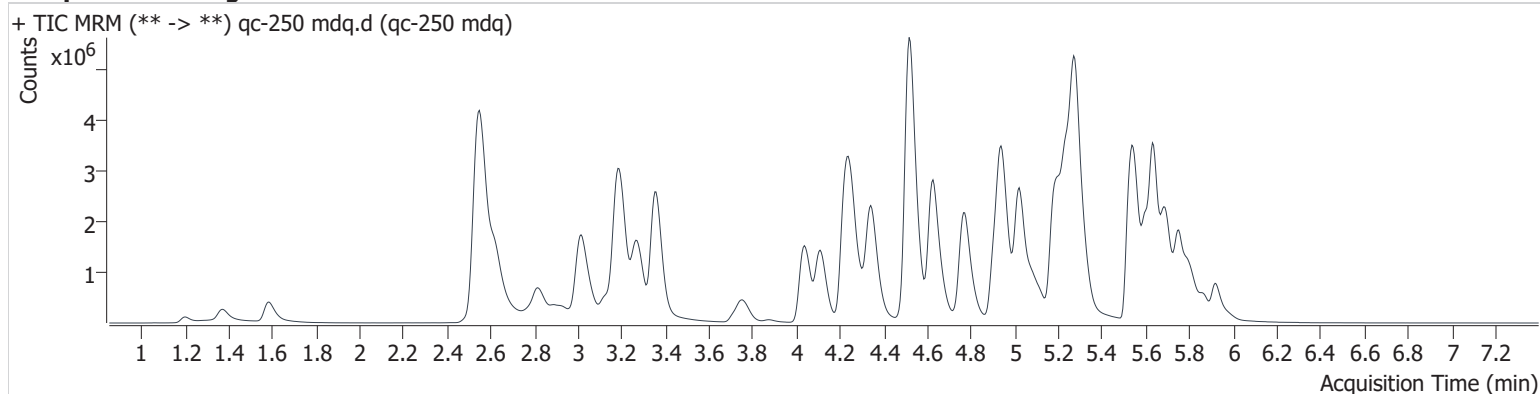
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.620	352252	43254.0	228.8	60361.4	966127	95.931 ng/ml
Lorazepam	5.724	72999	∞	48.0	∞	37036	99.685 ng/ml
MDA	3.173	968438	62949.8	28.0	∞	317647	111.281 ng/ml
MDMA	3.271	1099018	281304.7	96.5	95072.9	118930	101.851 ng/ml
Meprobamate	4.897	155360	206505.1	31.8	8367.0	109316	103.580 ng/ml
Methadone	5.636	2024501	230271.7	58.6	28784.6	966127	92.944 ng/ml
Methamphetamine	3.190	2250854	18737.3	39.7	24372.0	1056124	109.842 ng/ml
Metoprolol	4.305	260863	635158.8	97.3	∞	317647	102.088 ng/ml
Mirtazapine	4.626	2484367	∞	47.8	201198.3	966127	96.259 ng/ml
Mitragynine	5.226	363994	59521.9	31.6	1467755.9	21257	91.209 ng/ml
Morphine	1.201	60390	8602.5	16.3	2027.8	7275	107.920 ng/ml
Norbuprenorphine	4.982	9722	7976.5	96.6	11880.4	21257	9.133 ng/ml
Nordiazepam	5.868	314214	∞	62.4	∞	118781	99.802 ng/ml
Norfentanyl	4.059	86248	6631.8	39.1	68555.2	1007747	9.360 ng/ml
Norhydrocodone	3.049	48724	2048.3	28.7	1602.3	75347	93.222 ng/ml
Noroxycodone	2.895	289839	∞	48.2	∞	98419	104.839 ng/ml
O-desmethyl-tramadol	3.358	2611755	262685.9	6.4	36713.8	1350565	98.183 ng/ml
Oxazepam	5.731	151323	28167.9	70.8	∞	62772	98.984 ng/ml
Oxycodone	2.817	871005	∞	29.4	∞	390896	101.198 ng/ml
Oxymorphone	1.369	348905	∞	44.5	∞	125556	99.922 ng/ml
Phentermine	3.755	373141	3775.8	10.7	10668.9	519404	102.984 ng/ml
Promethazine	5.527	1952231	∞	42.9	70422.3	999855	97.734 ng/ml
Pseudoephedrine	2.550	5513808	∞	24.2	∞	2723690	98.070 ng/ml
Quetiapine	5.545	1288629	3495271.9	63.9	∞	194565	103.247 ng/ml
Sertraline	5.751	470430	1276181.7	99.1	1188686.1	197088	99.854 ng/ml
Temazepam	5.793	637438	879004.9	28.7	2031.2	315342	91.672 ng/ml
Tramadol	4.223	2665396	242710.6	3.7	4468.0	1352003	104.192 ng/ml
Trazodone	5.180	1762075	∞	79.4	1928737.1	812986	105.145 ng/ml
Venlafaxine	5.021	1891997	442542.8	39.2	22892.3	1525946	84.619 ng/ml
Zolpidem	4.941	2881121	86141.0	28.4	∞	1320772	99.205 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C2	Comment	
Injection Volume	3		
Acq. Date-Time	2/14/2022 11:08:57 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.130	61498	∞	131.6	3005.0	69151	25.289 ng/ml
7-aminoclonazepam	4.263	595743	13083.0	73.8	3145.1	91448	247.849 ng/ml
a-hydroxyalprazolam	5.666	63923	1059.8	53.7	5470.9	210347	257.402 ng/ml
alpha-PHP	4.912	3003201	720987.1	40.1	43591.0	418113	270.927 ng/ml
alpha-PVP	4.343	4446698	1552001.8	53.0	306131.7	766547	241.840 ng/ml
Alprazolam	5.751	1282328	31603.6	91.1	1554.8	179676	269.505 ng/ml
Amphetamine	3.021	1601633	826389.7	253.3	83460.8	418113	208.288 ng/ml
Benzoylcegonine	3.876	71022	447152.5	54.1	24374.3	9797	242.140 ng/ml
Buprenorphine	5.801	143347	73827.7	16.4	23708.1	87175	22.879 ng/ml
Bupropion	4.773	4285245	56986833.1	73.0	31191.6	806955	252.689 ng/ml
Carisoprodol	5.706	503812	723613.0	63.5	11532.2	80360	246.291 ng/ml
Citalopram	5.206	2473990	242975.6	38.8	42778.2	443807	248.053 ng/ml
Clonazepam	5.594	281214	7019.3	35.1	22539.1	22875	260.080 ng/ml
Clonazepam	5.546	443246	∞	39.7	2043.0	22875	259.058 ng/ml
Cocaine	4.247	2797460	130003.4	51.0	87584.5	962254	253.494 ng/ml
Codeine	2.567	282025	14047.3	91.9	44430.1	54519	246.207 ng/ml
Cyclobenzaprine	5.606	3475029	87110.3	8.2	1207863.5	431877	250.474 ng/ml
Dextromethorphan	5.245	1968657	267455.9	75.4	70213.3	380304	247.964 ng/ml
Dextrophan	4.109	2872207	77965.6	43.9	1819437.7	588361	245.105 ng/ml
Diazepam	5.924	1159400	5067.2	85.6	5417.0	226932	253.222 ng/ml
Dihydrocodeine	2.521	850033	6902.7	61.5	4858.9	290029	217.958 ng/ml
Diphenhydramine	5.277	9649928	286996.1	30.2	111855.6	1921460	250.480 ng/ml
Doxylamine	4.517	11127881	584450.1	74.4	168200.8	1701785	259.590 ng/ml
EDDP	5.239	3377657	∞	42.8	856530.2	724657	249.644 ng/ml
Etizolam	5.786	788362	∞	24.2	∞	226932	246.365 ng/ml
Fentanyl	5.092	407129	673432.6	115.7	35867285.2	893412	24.382 ng/ml
Flualprazolam	5.682	537383	3509.9	93.1	7664.1	179676	252.140 ng/ml
Fluoxetine	5.688	2676866	∞	6.9	∞	372574	253.331 ng/ml
Hydrocodone	3.008	1125672	∞	38.3	1298440407 546500.0	284195	233.706 ng/ml
Hydromorphone	1.587	894042	∞	74.9	∞	118167	255.029 ng/ml
Ketamine	4.038	2947598	3749562.2	36.8	58032.2	606046	259.734 ng/ml
Lamotrigine	4.285	210912	15741.4	88.5	7555.5	93341	262.218 ng/ml

AM #28 Multi-Drug Quant. Results

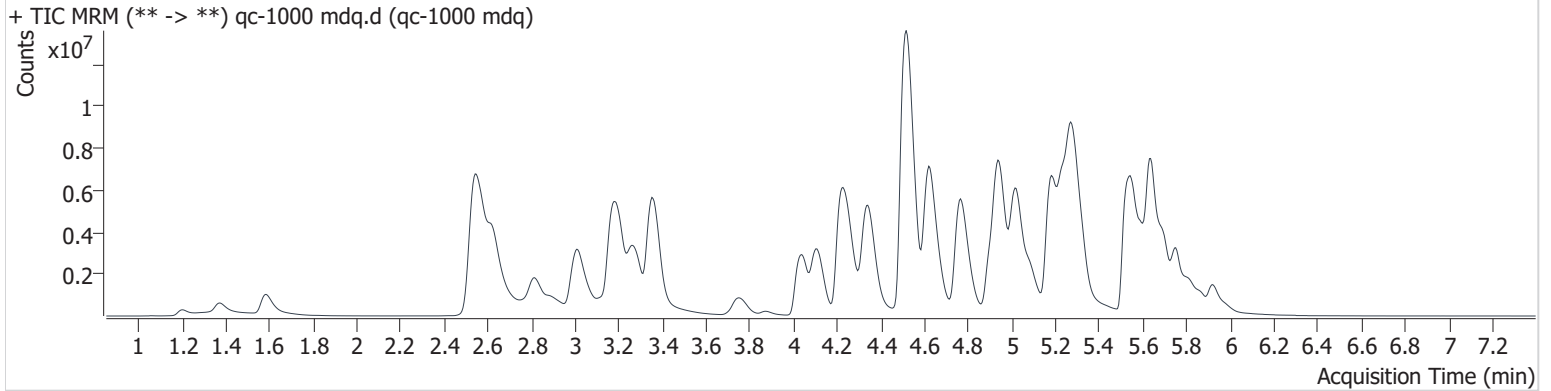
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	946306	124419.8	226.5	87463.8	999749	249.526 ng/ml
Lorazepam	5.724	101745	∞	44.6	3465.1	22875	226.458 ng/ml
MDA	3.168	1640018	90998.7	27.7	20222.9	252125	238.887 ng/ml
MDMA	3.271	2760048	∞	95.3	∞	114999	265.149 ng/ml
Meprobamate	4.892	282371	80076.9	30.4	∞	80360	255.976 ng/ml
Methadone	5.636	5572242	173078.5	55.0	326881.2	999749	246.565 ng/ml
Methamphetamine	3.190	5419882	38167.3	39.8	∞	1188838	247.236 ng/ml
Metoprolol	4.305	562858	1586821.9	98.4	∞	252125	276.378 ng/ml
Mirtazapine	4.626	6835805	191914.3	47.5	82949.1	999749	255.581 ng/ml
Mitragynine	5.226	824214	952625.8	32.5	164536.6	20430	213.249 ng/ml
Morphine	1.201	146528	47811.8	16.0	303136.1	7425	257.350 ng/ml
Norbuprenorphine	4.982	23279	123285.8	93.9	31358.1	20430	23.080 ng/ml
Nordiazepam	5.873	607851	∞	61.8	∞	93341	246.129 ng/ml
Norfentanyl	4.064	205735	15485.8	38.9	167363.3	915089	24.523 ng/ml
Norhydrocodone	3.054	145598	4489.5	30.2	1816.3	82249	252.518 ng/ml
Noroxycodone	2.895	726675	∞	47.2	∞	102363	253.157 ng/ml
O-desmethyl-tramadol	3.358	7134427	322704.8	6.1	63710.6	1476773	245.681 ng/ml
Oxazepam	5.726	173068	28134.0	72.9	2993.7	27685	256.979 ng/ml
Oxycodone	2.817	2256351	∞	29.4	∞	418658	245.444 ng/ml
Oxymorphone	1.369	871728	∞	43.8	∞	126840	247.446 ng/ml
Phentermine	3.755	893707	∞	9.9	4145.7	558432	230.358 ng/ml
Promethazine	5.527	5221194	184174.8	41.5	104652.9	1044632	249.671 ng/ml
Pseudoephedrine	2.554	13021728	∞	24.1	∞	2533327	248.953 ng/ml
Quetiapine	5.551	3115839	1575987.0	64.0	29125091.8	189957	255.907 ng/ml
Sertraline	5.757	958657	791673.8	97.7	924019.5	156171	256.708 ng/ml
Temazepam	5.799	1147042	13885.4	28.1	1738.3	210347	245.404 ng/ml
Tramadol	4.223	6883403	70847.2	3.5	11764.3	1450925	251.950 ng/ml
Trazodone	5.180	4582918	∞	80.1	221944.9	925050	241.796 ng/ml
Venlafaxine	5.021	5447253	4468635.9	37.5	52344.7	1571628	232.596 ng/ml
Zolpidem	4.944	7666445	121927.7	27.9	351097.0	1345262	259.409 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D2	Comment	
Injection Volume	3		
Acq. Date-Time	2/14/2022 11:17:59 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	167977	∞	130.9	∞	44744	106.663 ng/ml
7-aminoclonazepam	4.263	558079	∞	75.5	114530.0	21234	1000.548 ng/ml
a-hydroxyalprazolam	5.672	92790	582.9	54.8	732.0	78122	1011.640 ng/ml
alpha-PHP	4.902	7070022	113547.2	39.8	122151.9	310238	861.080 ng/ml
alpha-PVP	4.343	12781254	1563421.6	52.5	810499.3	518293	1027.454 ng/ml
Alprazolam	5.751	2032518	15980.5	91.0	9972.9	85728	897.982 ng/ml
Amphetamine	3.016	3056940	550776.8	247.0	111829.4	310238	538.858 ng/ml ocr
Benzoylcegonine	3.876	282048	257164.7	55.6	6680.5	9829	960.400 ng/ml
Buprenorphine	5.806	432079	165473.0	16.2	152491.3	57906	103.553 ng/ml
Bupropion	4.767	13249248	29434472.5	69.5	73310.5	612570	1028.739 ng/ml
Carisoprodol	5.711	788529	∞	61.1	15457.4	30463	1016.029 ng/ml
Citalopram	5.201	4120686	98372.7	41.5	42424.5	189488	967.529 ng/ml
Clonazepam	5.589	239136	5826.4	33.1	11208.8	4274	1187.220 ng/ml
Clonazepam	5.567	396319	∞	40.2	2427.6	4274	1240.638 ng/ml
Cocaine	4.247	6256353	159927.8	49.9	251223.0	552661	987.742 ng/ml
Codeine	2.572	588906	4899764.9	96.8	337473.0	30271	927.590 ng/ml
Cyclobenzaprine	5.601	6761150	272691.0	8.2	680622.8	215407	977.057 ng/ml
Dextromethorphan	5.245	3829444	89333.5	75.1	80437.0	182153	1005.859 ng/ml
Dextrophan	4.109	7948155	2296111.1	43.9	402505.4	386151	1033.187 ng/ml
Diazepam	5.924	2799270	∞	87.4	7690.3	139531	994.834 ng/ml
Dihydrocodeine	2.516	2013919	2197.1	61.7	6933.3	245927	610.773 ng/ml ocr
Diphenhydramine	5.282	21665900	13383942.8	29.5	74228.7	1019265	1059.371 ng/ml
Doxylamine	4.517	31997747	398062.0	82.5	373741.3	1355648	937.573 ng/ml
EDDP	5.239	11122970	204149.1	42.8	114368.2	560946	1061.463 ng/ml
Etizolam	5.786	1908202	9613.0	24.3	12723.3	139531	970.831 ng/ml
Fentanyl	5.092	1476219	∞	119.4	500420.3	741872	106.173 ng/ml
Flualprazolam	5.682	934350	1936.8	91.2	5380.2	85728	919.319 ng/ml
Fluoxetine	5.693	4093592	151779.7	7.3	162315.9	142821	1011.600 ng/ml
Hydrocodone	3.003	3407846	∞	39.1	∞	215485	934.039 ng/ml
Hydromorphone	1.587	2738597	∞	74.4	∞	91031	1013.708 ng/ml
Ketamine	4.038	7803628	488877.2	36.7	67051.0	443785	940.370 ng/ml
Lamotrigine	4.280	292148	∞	87.1	25225.7	36926	917.812 ng/ml
Levetiracetam	2.625	2779453	433977.9	225.2	1684160.1	658485	1113.770 ng/ml

AM #28 Multi-Drug Quant. Results

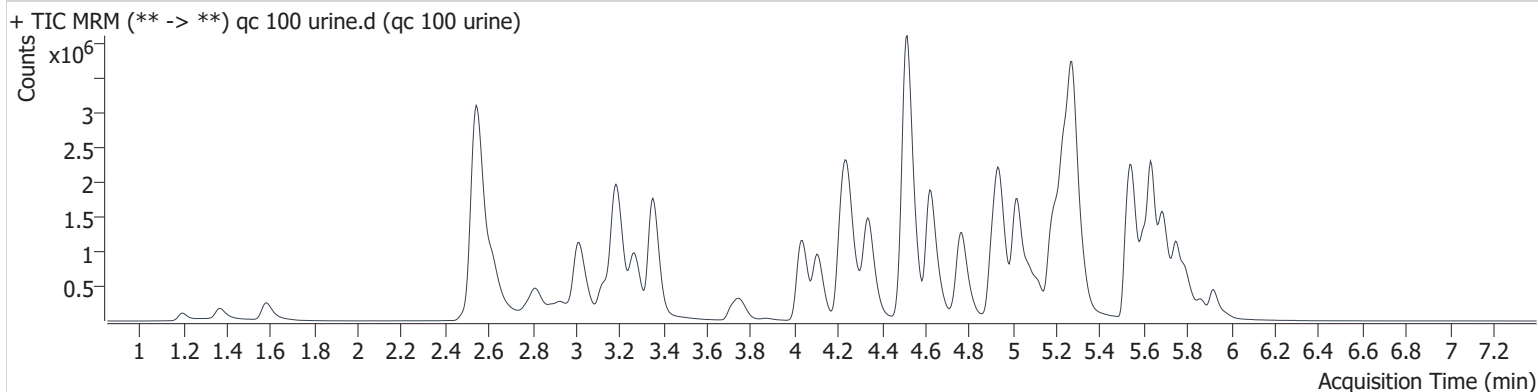
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Lorazepam	5.724	163449	∞	48.3	12099.5	4274	1956.425	ng/ml ocr
MDA	3.153	2369226	97519.7	27.3	10212.1	121754	717.203	ng/ml ocr
MDMA	3.266	6340872	173166.9	93.3	442857.8	71451	981.461	ng/ml
Meprobamate	4.882	369631	1504560.6	30.0	∞	30463	883.709	ng/ml
Methadone	5.636	16069067	1245540.6	50.9	85691.8	658485	1078.210	ng/ml
Methamphetamine	3.190	12508398	142966.3	38.6	107807.5	1070360	650.590	ng/ml ocr
Metoprolol	4.300	952658	103447.9	99.6	∞	121754	967.005	ng/ml
Mirtazapine	4.621	19077885	743462.0	46.9	816240.6	658485	1082.243	ng/ml
Mitragynine	5.216	2031654	37669.3	35.2	419742.4	10325	1035.465	ng/ml
Morphine	1.206	408698	∞	16.7	3300.0	5895	905.637	ng/ml
Norbuprenorphine	4.982	47948	88006.8	94.2	114683.1	10325	94.744	ng/ml
Nordiazepam	5.873	964753	∞	62.9	∞	36926	988.368	ng/ml
Norfentanyl	4.064	430938	42419.9	39.1	47406.9	449739	104.385	ng/ml
Norhydrocodone	3.054	360806	18221.0	34.1	7774.1	47194	1085.453	ng/ml
Noroxycodone	2.889	1904231	∞	45.8	∞	65537	1037.107	ng/ml
O-desmethyl-tramadol	3.353	20800883	795238.5	5.9	98587.2	1066128	993.006	ng/ml
Oxazepam	5.731	218167	∞	72.2	7976.7	8825	1016.810	ng/ml
Oxycodone	2.812	7014424	∞	28.9	∞	332856	961.093	ng/ml
Oxymorphone	1.369	2441192	∞	43.9	∞	95350	922.391	ng/ml
Phentermine	3.755	2291426	20549.6	8.9	21058.6	447852	738.145	ng/ml ocr
Promethazine	5.522	14057032	∞	39.1	77892.5	663988	1056.474	ng/ml
Pseudoephedrine	2.550	29370664	∞	23.4	∞	1368982	1038.980	ng/ml
Quetiapine	5.551	6313416	∞	64.3	4186874.9	99195	993.375	ng/ml
Sertraline	5.757	1213151	28634512.8	94.6	399282.3	47714	1063.094	ng/ml
Temazepam	5.799	1642661	230575.3	29.8	4102.8	78122	943.074	ng/ml
Tramadol	4.217	16574421	365001.3	3.5	13672.0	940948	937.819	ng/ml
Trazodone	5.175	10550754	∞	79.1	351408.5	854185	604.534	ng/ml ocr
Venlafaxine	5.021	16279283	494210.9	36.5	524119.2	1042591	1040.129	ng/ml
Zolpidem	4.941	20636908	1296125.6	28.0	186846.4	931381	1009.013	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument	69679	Data File	qc 100 urine.d
Type	Sample	Sample	qc 100 urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E2	Comment	
Injection Volume	3		
Acq. Date-Time	2/14/2022 11:35:57 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	32892	∞	131.5	∞	93596	10.011 ng/ml
7-aminoclonazepam	4.258	408139	20227.2	70.6	14237.4	151463	102.402 ng/ml
a-hydroxyalprazolam	5.666	35265	28239.3	54.8	1600.0	250211	118.348 ng/ml
alpha-PHP	4.907	1649998	∞	40.2	130881.0	557067	111.316 ng/ml
alpha-PVP	4.343	2402961	92569.6	53.6	77771.4	1055224	95.054 ng/ml
Alprazolam	5.751	630108	2100.7	94.3	∞	227943	103.682 ng/ml
Amphetamine	3.016	996045	76749.8	257.9	55468.7	557067	96.179 ng/ml
Benzoylcegonine	3.876	36925	∞	55.9	4139.8	12838	95.654 ng/ml
Buprenorphine	5.801	83999	104219.2	15.5	35583.9	126838	9.260 ng/ml
Bupropion	4.767	2171069	109638.1	73.5	42998.8	1019742	101.396 ng/ml
Carisoprodol	5.706	309364	∞	61.7	12523.8	124530	97.749 ng/ml
Citalopram	5.206	1447517	11629.2	38.5	24297.8	656334	98.169 ng/ml
Clonazepam	5.594	125350	8469.8	35.0	∞	24160	109.212 ng/ml
Clonazepam	5.546	231592	4063.8	40.2	∞	24160	128.052 ng/ml
Cocaine	4.242	1596566	278991.8	51.1	45834.6	1382897	100.531 ng/ml
Codeine	2.567	183193	25013.3	91.5	8884.7	83689	103.835 ng/ml
Cyclobenzaprine	5.606	1831245	655450.0	8.5	6286.1	583672	97.668 ng/ml
Dextromethorphan	5.245	1087900	18379.9	76.2	25421.0	537575	97.174 ng/ml
Dextrophan	4.109	1549828	∞	44.1	21730.2	790265	98.516 ng/ml
Diazepam	5.919	545531	19913.7	86.6	∞	270113	100.001 ng/ml
Dihydrocodeine	2.521	511490	3798.2	60.5	550.7	388762	97.297 ng/ml
Diphenhydramine	5.277	5157946	7973371.2	31.1	26277.4	2623127	98.219 ng/ml
Doxylamine	4.517	7378845	148637.1	74.8	97100.6	2863166	102.184 ng/ml
EDDP	5.239	2451050	42531.5	43.0	51083.5	1283842	102.357 ng/ml
Etizolam	5.786	397808	17220.1	23.7	∞	270113	104.249 ng/ml
Fentanyl	5.092	195418	56288.7	117.0	208127.1	1083049	9.706 ng/ml
Flualprazolam	5.682	295567	43464.0	90.3	1187.3	227943	109.212 ng/ml
Fluoxetine	5.688	1615937	∞	7.3	91429.0	578525	98.286 ng/ml
Hydrocodone	3.003	626253	∞	37.9	∞	365652	100.881 ng/ml
Hydromorphone	1.582	519643	∞	74.6	∞	176322	99.413 ng/ml
Ketamine	4.038	1584773	456715.3	37.4	28105.1	802780	105.124 ng/ml
Lamotrigine	4.280	133257	6260.8	87.2	59608.3	102708	150.618 ng/ml
Levetiracetam	2.620	498910	11725.5	228.3	33475.6	1345158	97.591 ng/ml

AM #28 Multi-Drug Quant. Results

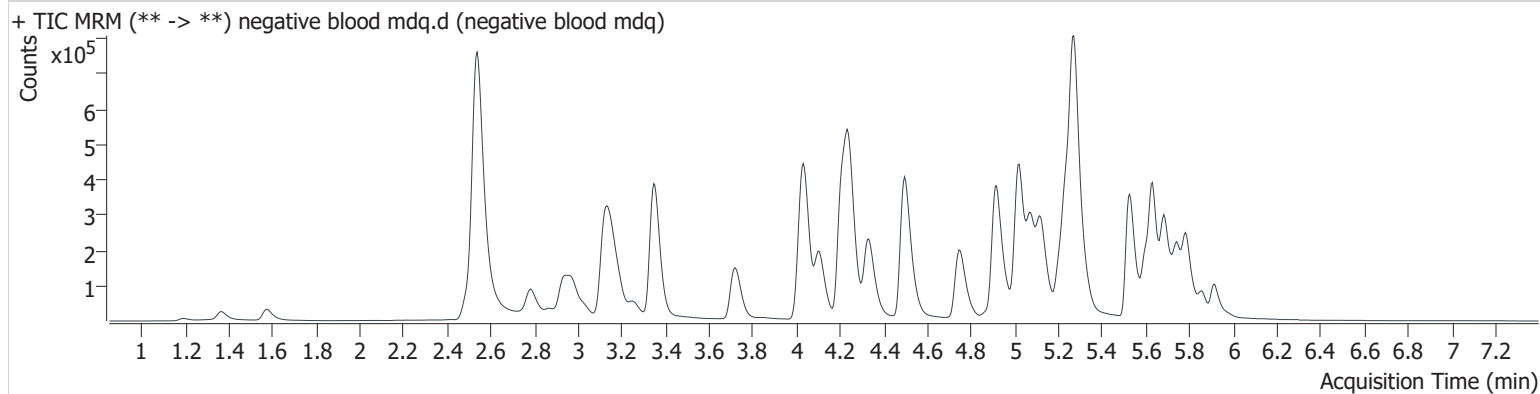
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	60215	∞	47.3	708.0	24160	126.367 ng/ml
MDA	3.173	1140390	23729.8	28.0	10902.1	388173	107.184 ng/ml
MDMA	3.271	1517041	99002.8	95.2	72012.2	164892	101.400 ng/ml
Meprobamate	4.897	155969	444377.0	31.5	1000.2	124530	91.291 ng/ml
Methadone	5.636	2963514	163251.1	56.9	40108.6	1345158	97.697 ng/ml
Methamphetamine	3.190	3099330	29530.6	39.7	13707.3	1487078	107.178 ng/ml
Metoprolol	4.305	330922	76596.8	99.2	∞	388173	105.951 ng/ml
Mirtazapine	4.621	4437718	123636.8	46.7	155365.1	1345158	123.431 ng/ml
Mitragynine	5.226	592961	∞	31.4	150618.4	26853	117.269 ng/ml
Morphine	1.201	126813	10264.8	15.8	686.6	16428	100.310 ng/ml
Norbuprenorphine	4.982	11919	90864.5	86.1	17761.5	26853	8.857 ng/ml
Nordiazepam	5.873	273600	∞	63.5	15962.0	102708	100.504 ng/ml
Norfentanyl	4.064	111655	6288.5	39.1	126894.4	1257822	9.707 ng/ml
Norhydrocodone	3.049	66528	3800.3	28.7	4861.1	104961	91.404 ng/ml
Noroxycodone	2.895	431214	∞	46.6	∞	148153	103.612 ng/ml
O-desmethyl-tramadol	3.353	3767244	169227.9	6.3	18571.8	2001319	95.564 ng/ml
Oxazepam	5.726	96489	∞	68.4	542.7	40789	97.128 ng/ml
Oxycodone	2.812	1339727	∞	29.1	∞	601697	101.123 ng/ml
Oxymorphone	1.369	471137	∞	44.3	∞	168089	100.788 ng/ml
Phentermine	3.755	489334	13753.7	10.4	6488.6	705999	99.331 ng/ml
Promethazine	5.527	2534325	114602.3	42.6	31911.9	1307727	97.008 ng/ml
Pseudoephedrine	2.550	7581688	∞	24.1	∞	3703174	99.181 ng/ml
Quetiapine	5.545	2026014	∞	64.2	414338.1	300801	104.999 ng/ml
Sertraline	5.751	538544	24247.4	99.9	38419.3	237551	94.843 ng/ml
Temazepam	5.793	499020	19749.5	29.3	2312.0	250211	90.462 ng/ml
Tramadol	4.223	3708758	631714.7	3.6	4113.9	1926303	101.734 ng/ml
Trazodone	5.180	2443104	66607.0	79.9	62442.2	1111998	106.598 ng/ml
Venlafaxine	5.021	2807817	119141.1	37.4	16198.6	2103187	90.944 ng/ml
Zolpidem	4.936	4185341	215373.5	28.3	31254.4	1930154	98.614 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument	69679	Data File	negative blood mdq.d
Type	Sample	Sample	negative blood mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F4	Comment	
Injection Volume	3		
Acq. Date-Time	2/14/2022 11:44:59 AM		
Sample Info.			

Sample Chromatogram

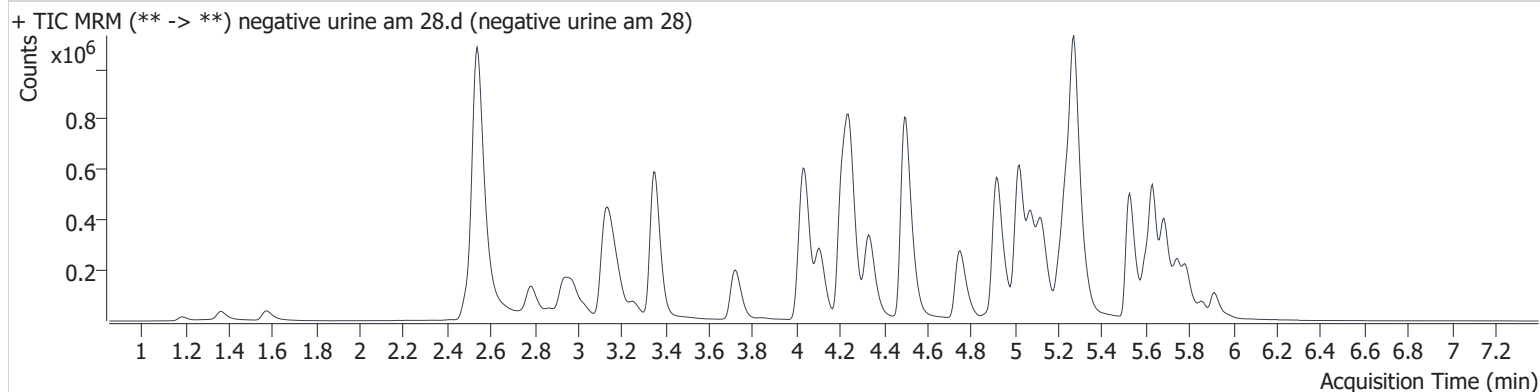


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument	69679	Data File	negative urine am 28.d
Type	Sample	Sample	negative urine am 28
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D4	Comment	
Injection Volume	3		
Acq. Date-Time	2/14/2022 2:54:11 PM		
Sample Info.			

Sample Chromatogram

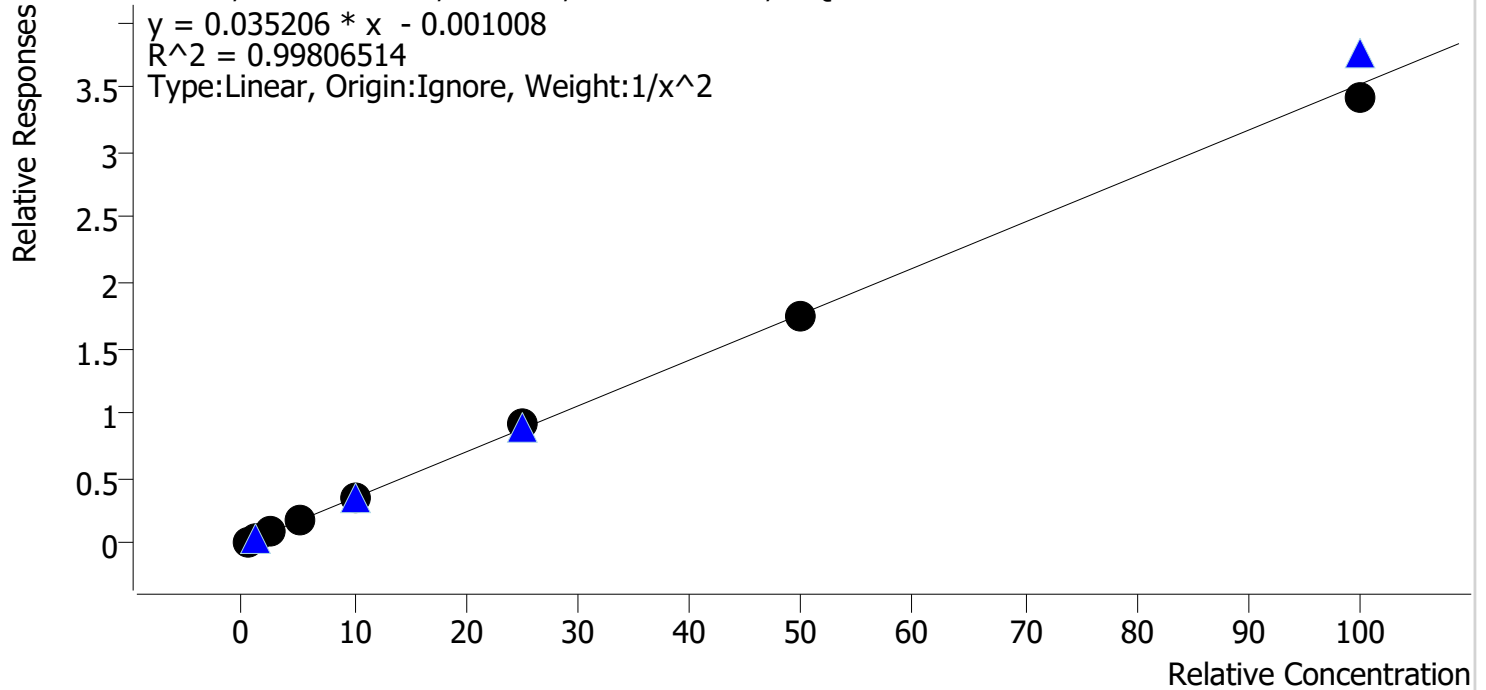


Compound Calibration Report



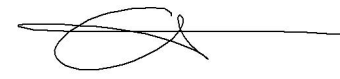
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Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



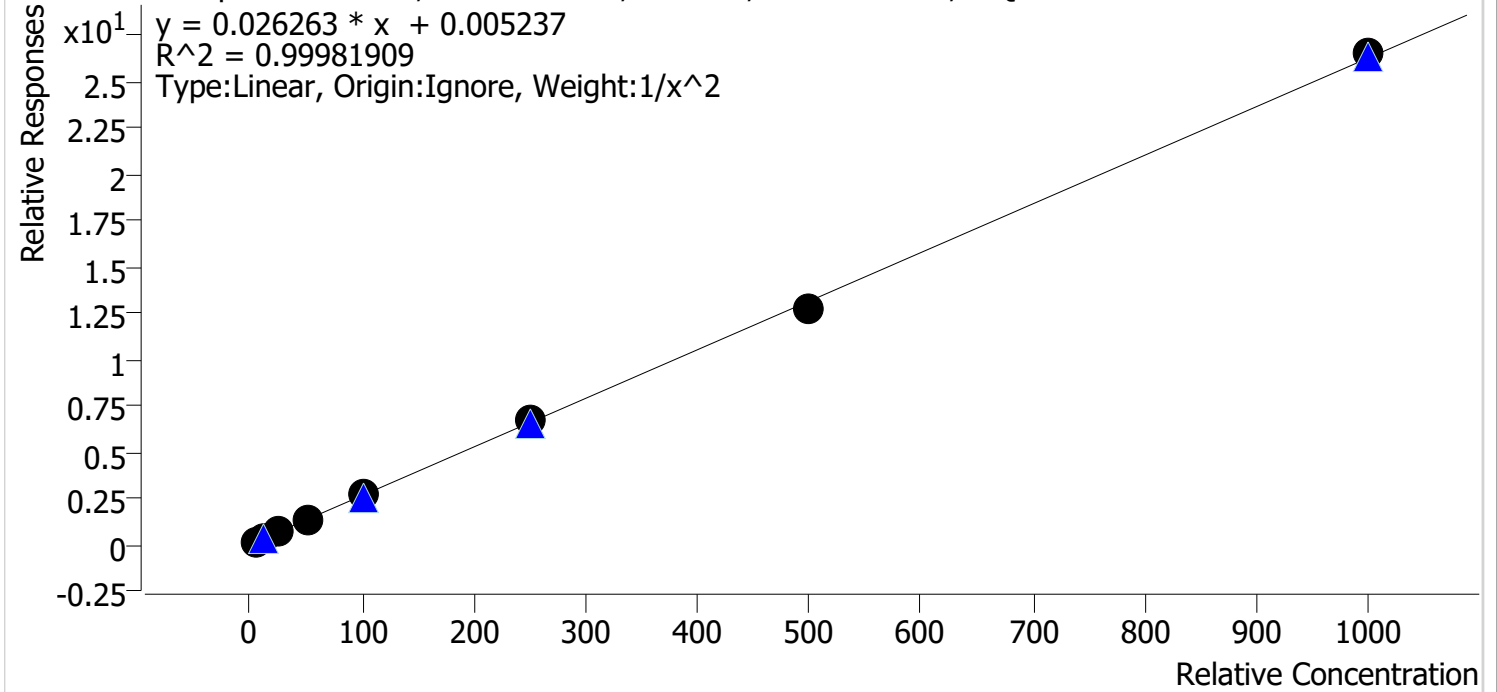
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	0.5	0.5	96.4
cal 2 mdq	2	✓	1.0	1.1	107.8
cal 3 mdq	3	✓	2.5	2.5	99.8
cal 4 mdq	4	✓	5.0	4.9	97.8
cal 5 mdq	5	✓	10.0	9.8	98.5
cal 6 mdq	6	✓	25.0	25.8	103.4
cal 7 mdq	7	✓	50.0	49.8	99.6
cal 8 mdq	8	✓	100.0	96.8	96.8

Compound Calibration Report



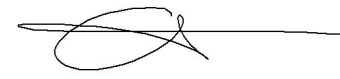
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	100.7	100.7
cal 6 mdq	6	✓	250.0	251.9	100.8
cal 7 mdq	7	✓	500.0	486.8	97.4
cal 8 mdq	8	✓	1000.0	1009.2	100.9

Compound Calibration Report

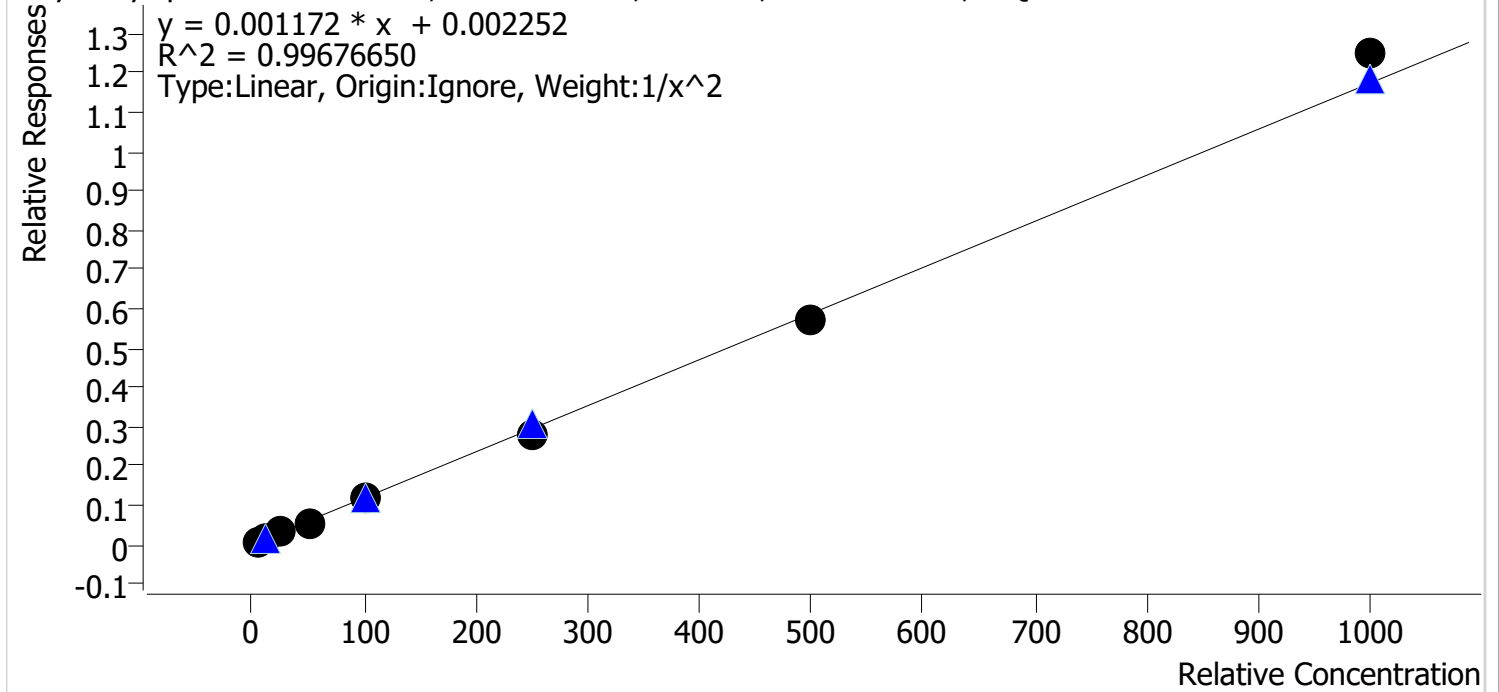


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam

Internal Standard

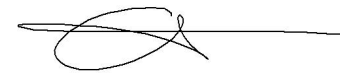
Temazepam-D5

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



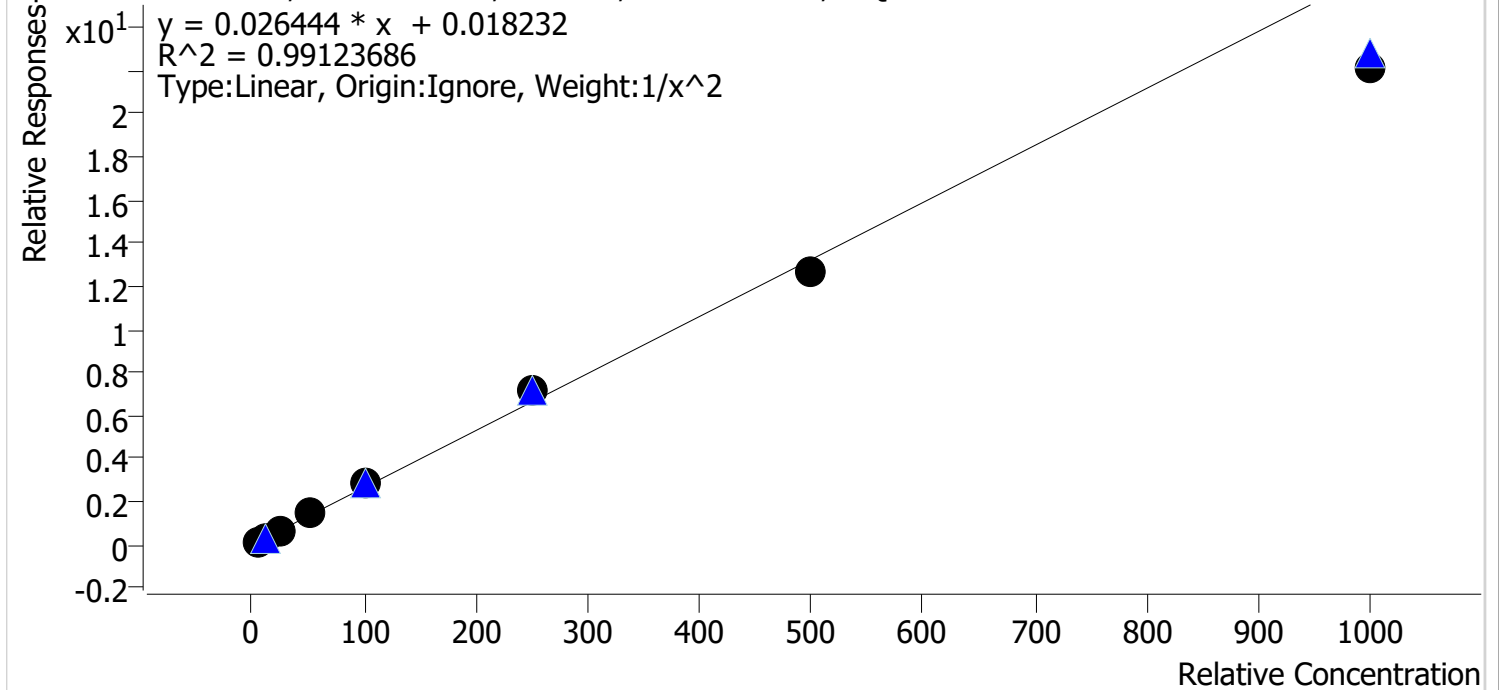
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	26.8	107.1
cal 4 mdq	4	✓	50.0	47.6	95.1
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	236.5	94.6
cal 7 mdq	7	✓	500.0	485.5	97.1
cal 8 mdq	8	✓	1000.0	1064.1	106.4

Compound Calibration Report



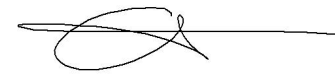
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** Amphetamine-D11

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

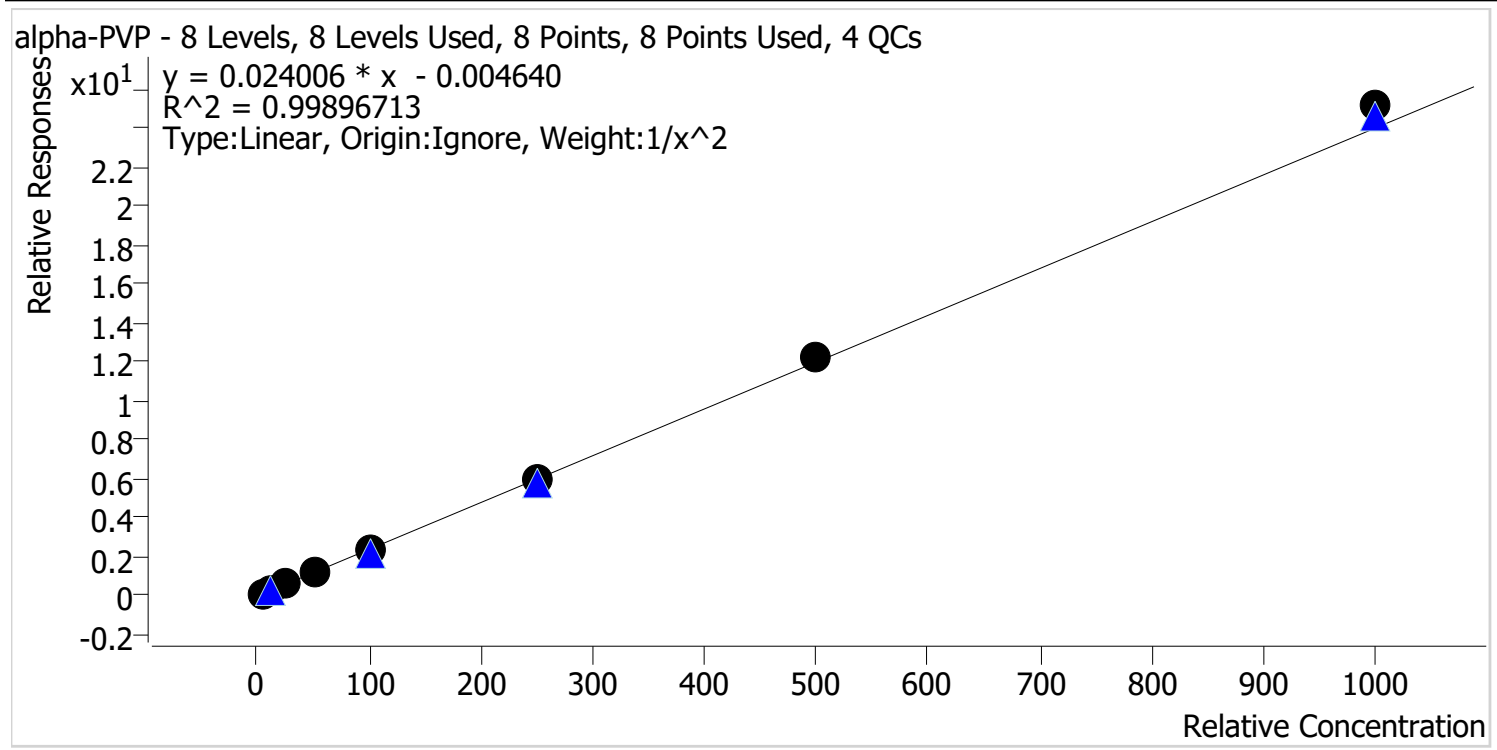


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	25.6	102.5
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	107.6	107.6
cal 6 mdq	6	✓	250.0	268.3	107.3
cal 7 mdq	7	✓	500.0	475.6	95.1
cal 8 mdq	8	✓	1000.0	833.4	83.3

Compound Calibration Report

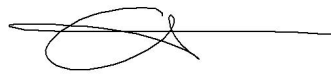


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

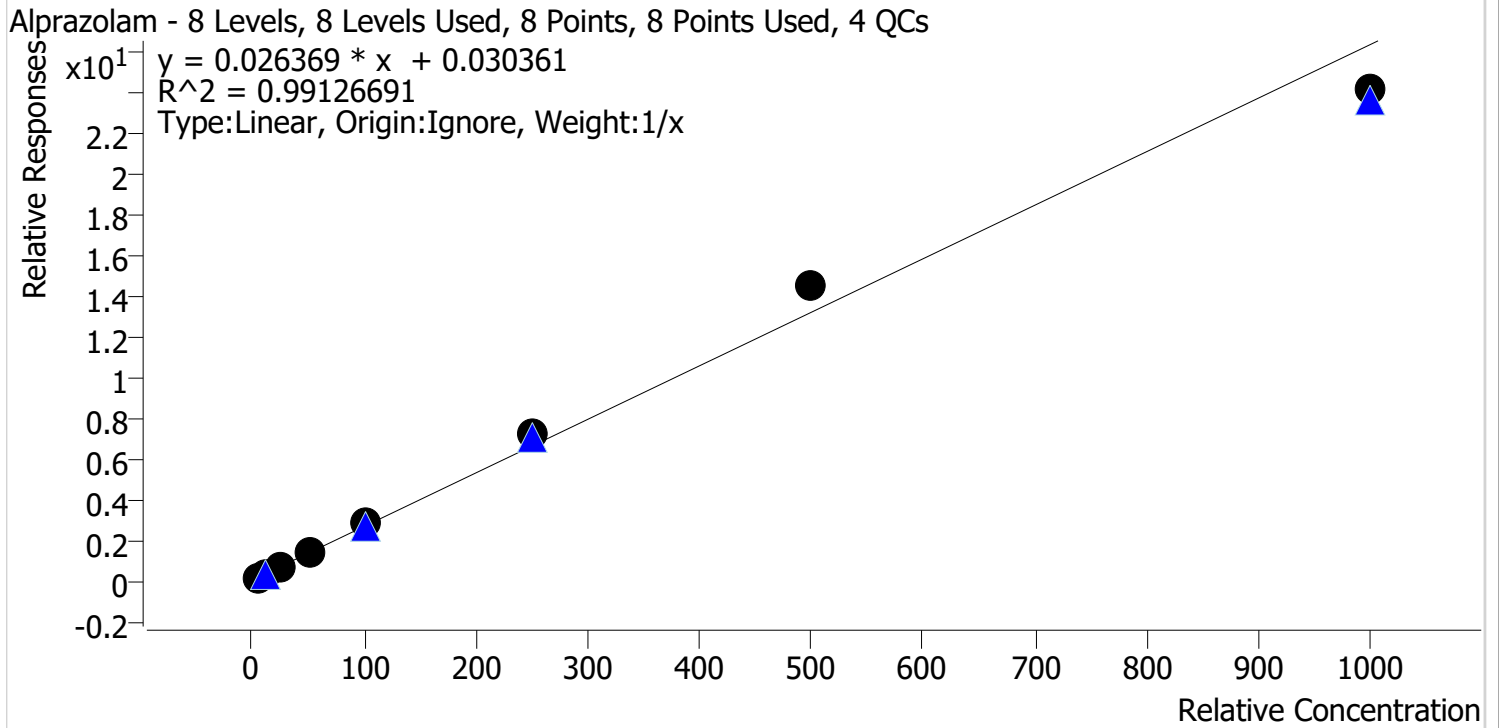


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.1	96.6
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	512.1	102.4
cal 8 mdq	8	✓	1000.0	1048.1	104.8

Compound Calibration Report

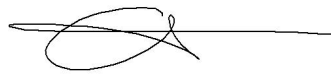


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



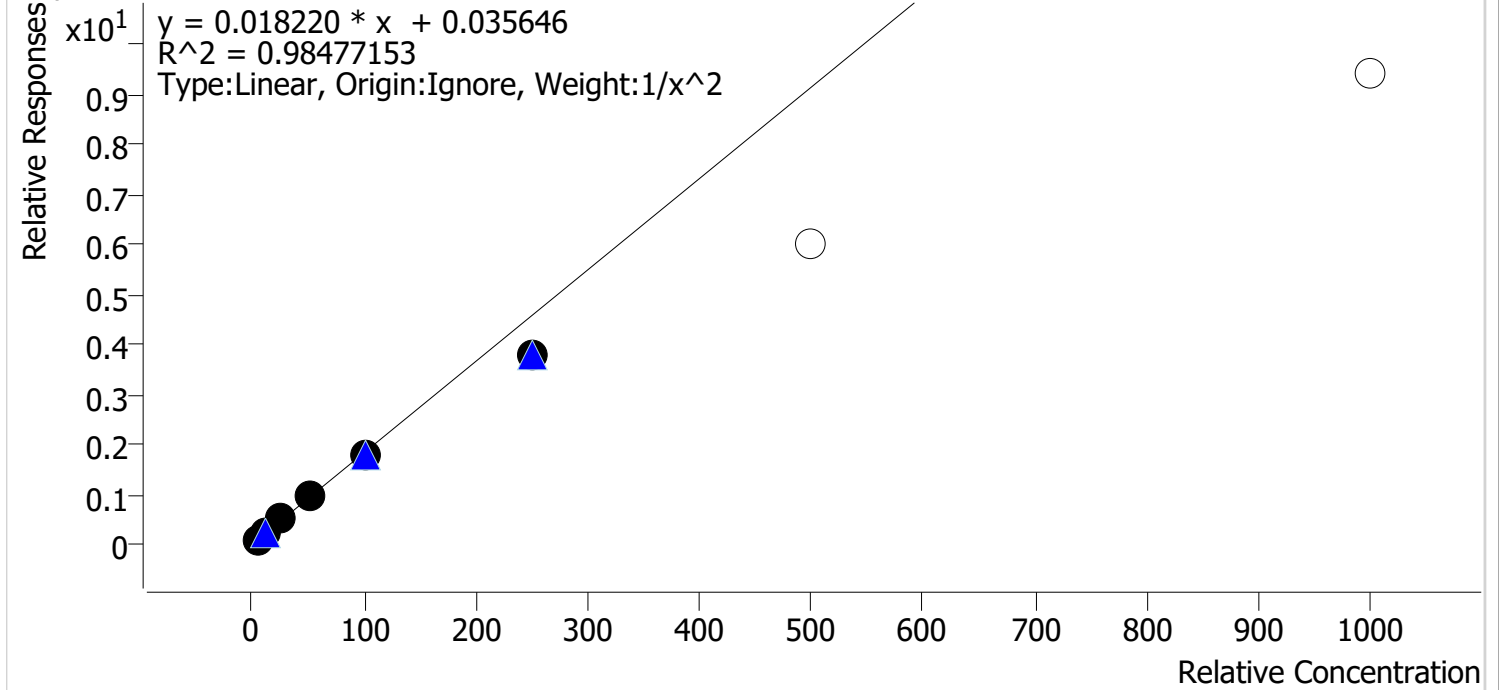
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.2	83.6
cal 2 mdq	2	✓	10.0	9.3	92.8
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	52.0	104.0
cal 5 mdq	5	✓	100.0	107.6	107.6
cal 6 mdq	6	✓	250.0	273.8	109.5
cal 7 mdq	7	✓	500.0	552.1	110.4
cal 8 mdq	8	✓	1000.0	916.0	91.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

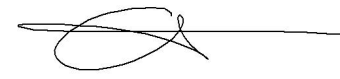
Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.7	94.0
cal 2 mdq	2	✓	10.0	10.7	107.4
cal 3 mdq	3	✓	25.0	27.5	110.0
cal 4 mdq	4	✓	50.0	53.4	106.9
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	208.8	83.5
cal 7 mdq	7	✗	500.0	329.9	66.0
cal 8 mdq	8	✗	1000.0	513.7	51.4

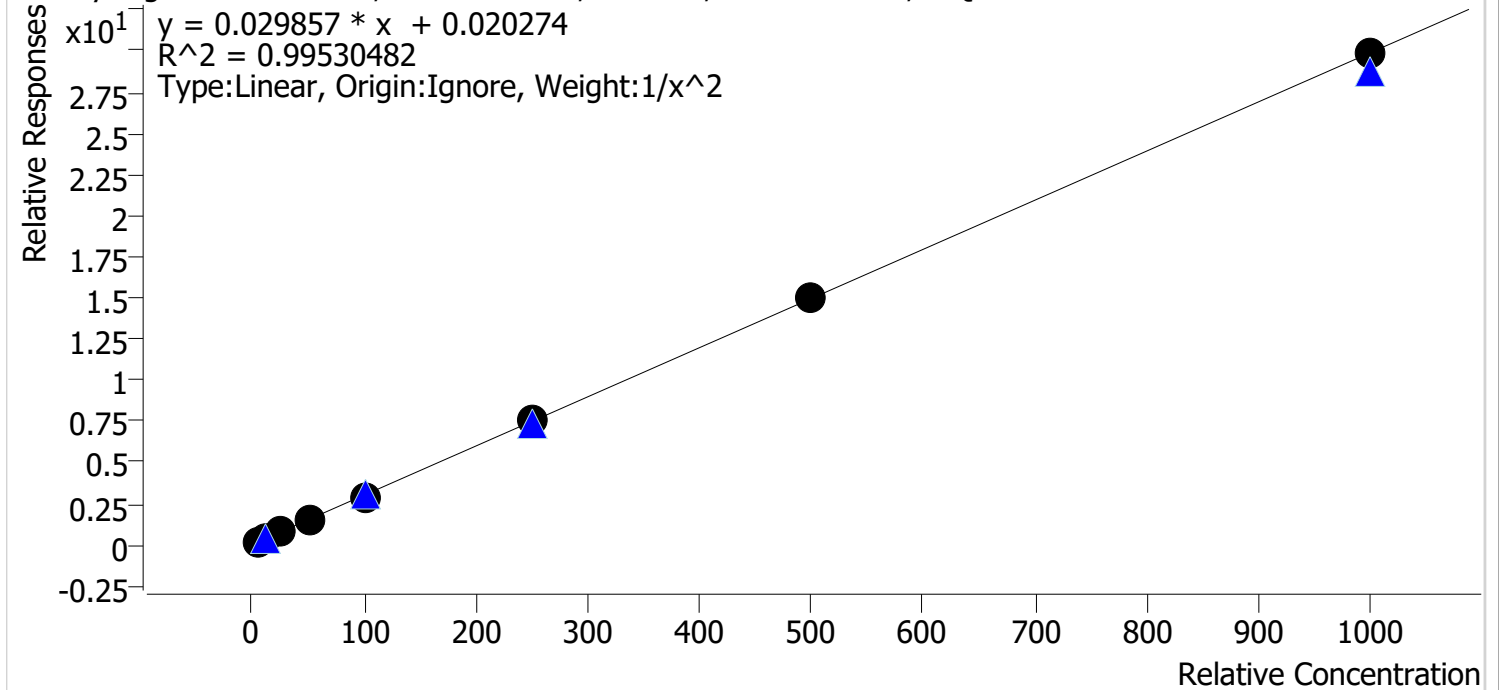
dropped cal 7 and 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



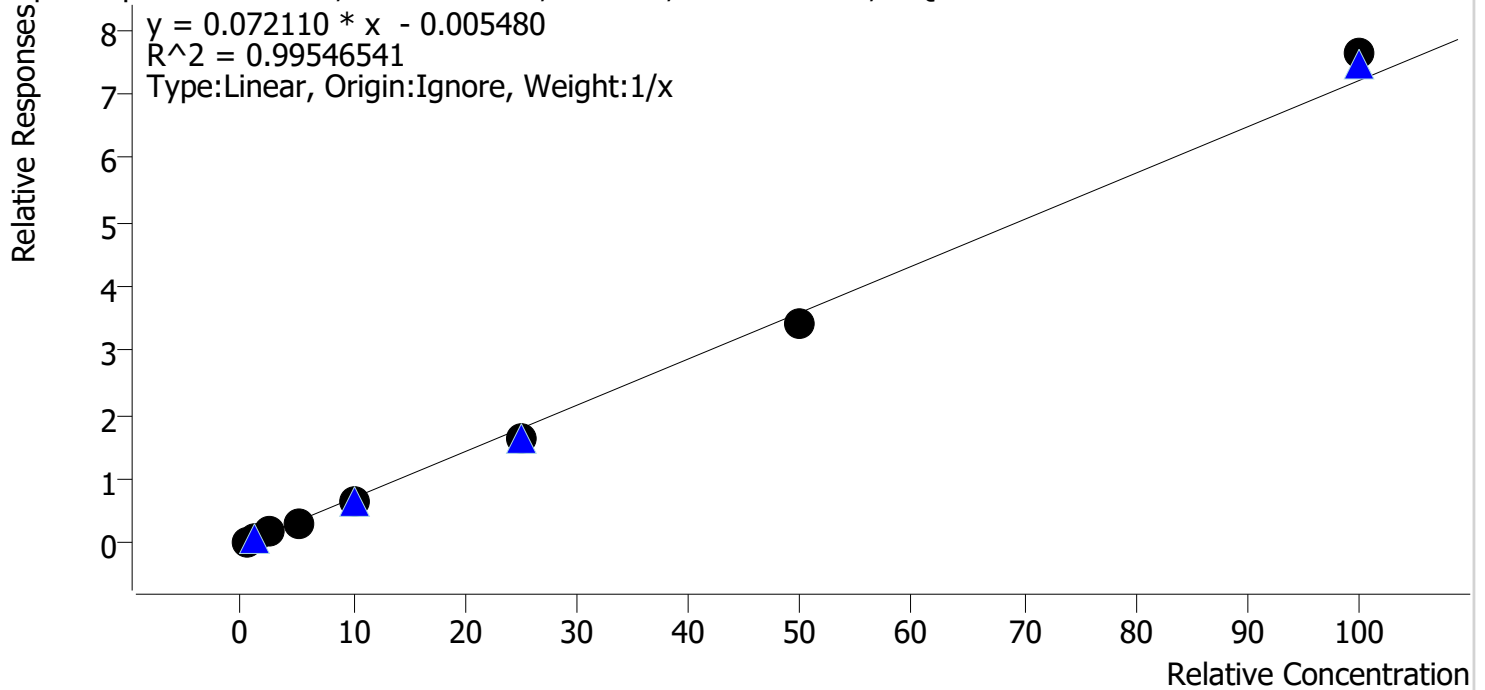
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.2	103.8
cal 2 mdq	2	✓	10.0	8.9	88.7
cal 3 mdq	3	✓	25.0	27.5	109.9
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	503.1	100.6
cal 8 mdq	8	✓	1000.0	998.3	99.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



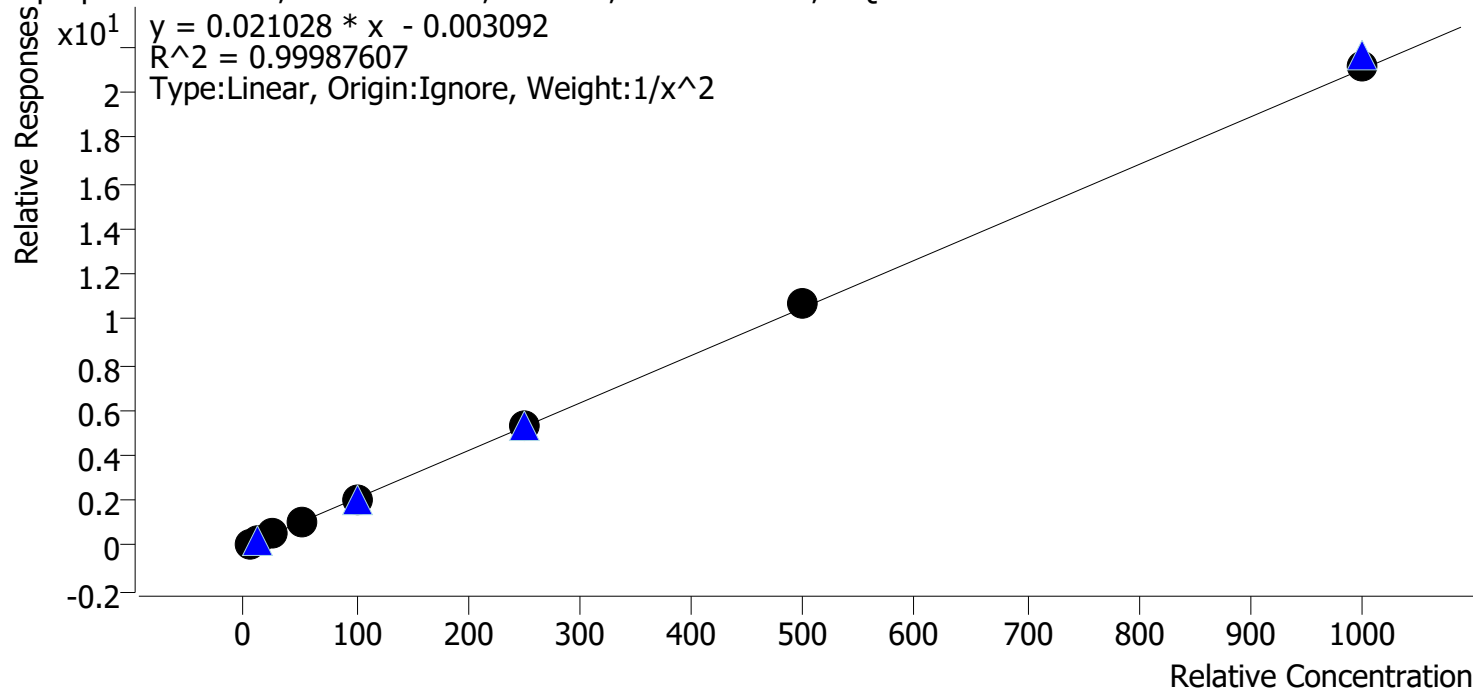
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	0.5	0.6	119.1
cal 2 mdq	2	✓	1.0	1.1	105.3
cal 3 mdq	3	✓	2.5	2.6	103.7
cal 4 mdq	4	✓	5.0	4.5	89.9
cal 5 mdq	5	✓	10.0	8.9	88.9
cal 6 mdq	6	✓	25.0	23.1	92.4
cal 7 mdq	7	✓	50.0	47.5	95.0
cal 8 mdq	8	✓	100.0	105.8	105.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.8	99.0
cal 4 mdq	4	✓	50.0	49.4	98.7
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	505.8	101.2
cal 8 mdq	8	✓	1000.0	1007.0	100.7

Compound Calibration Report

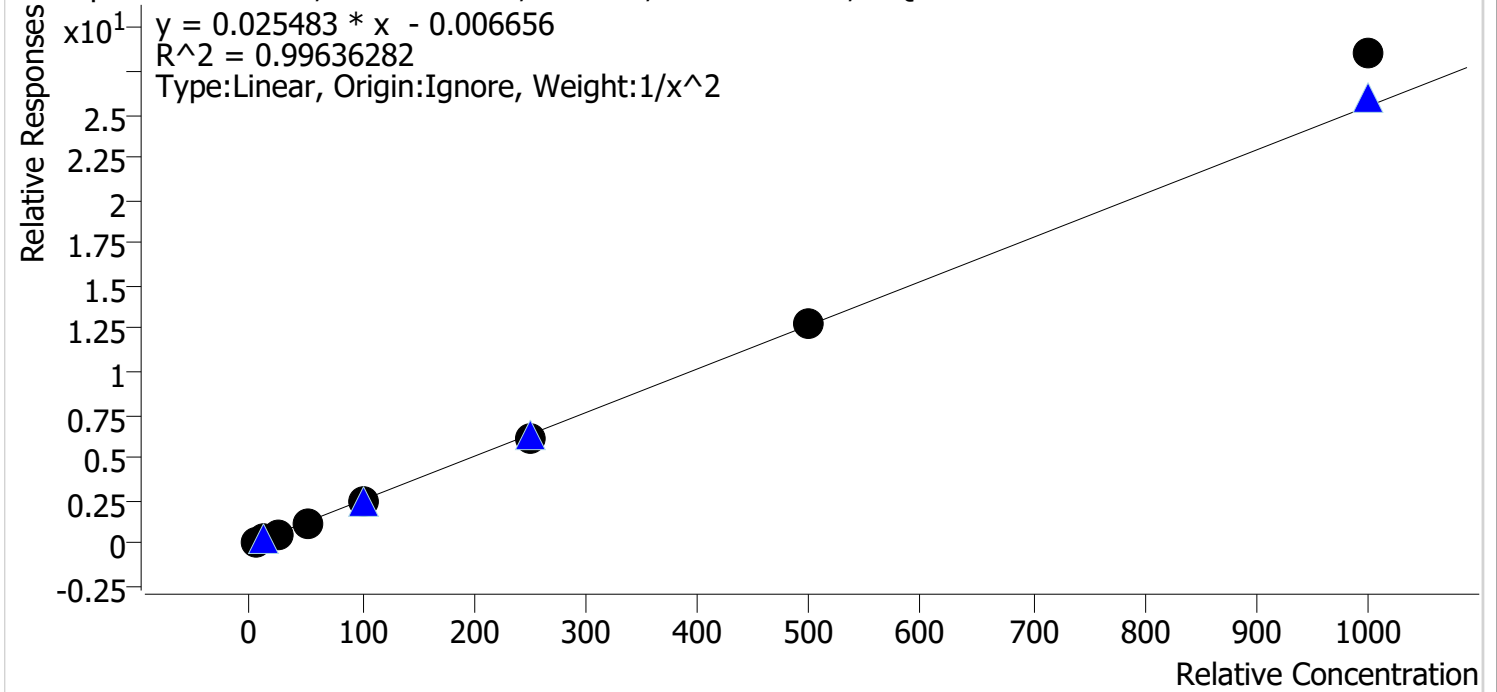


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

Carisoprodol-D7

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



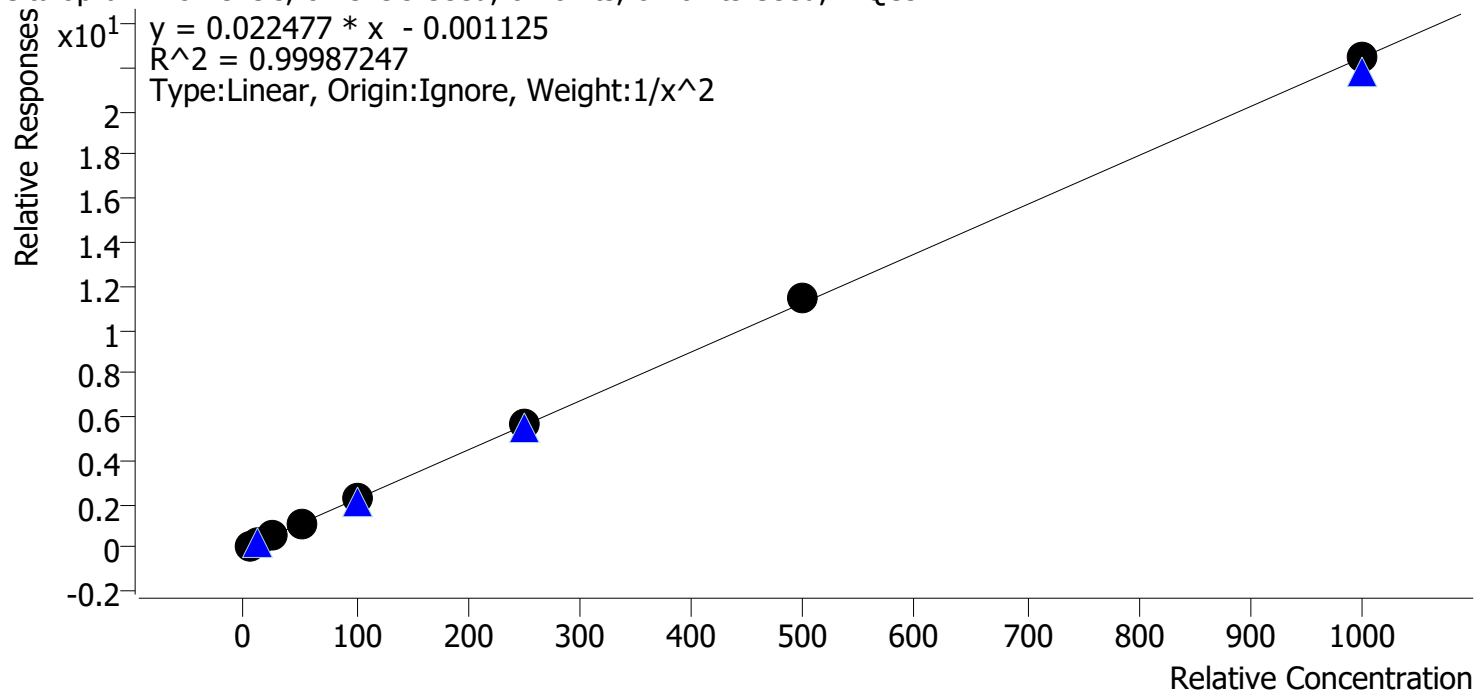
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	48.0	96.1
cal 5 mdq	5	✓	100.0	95.9	95.9
cal 6 mdq	6	✓	250.0	245.0	98.0
cal 7 mdq	7	✓	500.0	500.9	100.2
cal 8 mdq	8	✓	1000.0	1120.2	112.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 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 1r	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	249.3	99.7
cal 7 mdq	7	✓	500.0	509.2	101.8
cal 8 mdq	8	✓	1000.0	999.8	100.0

Compound Calibration Report

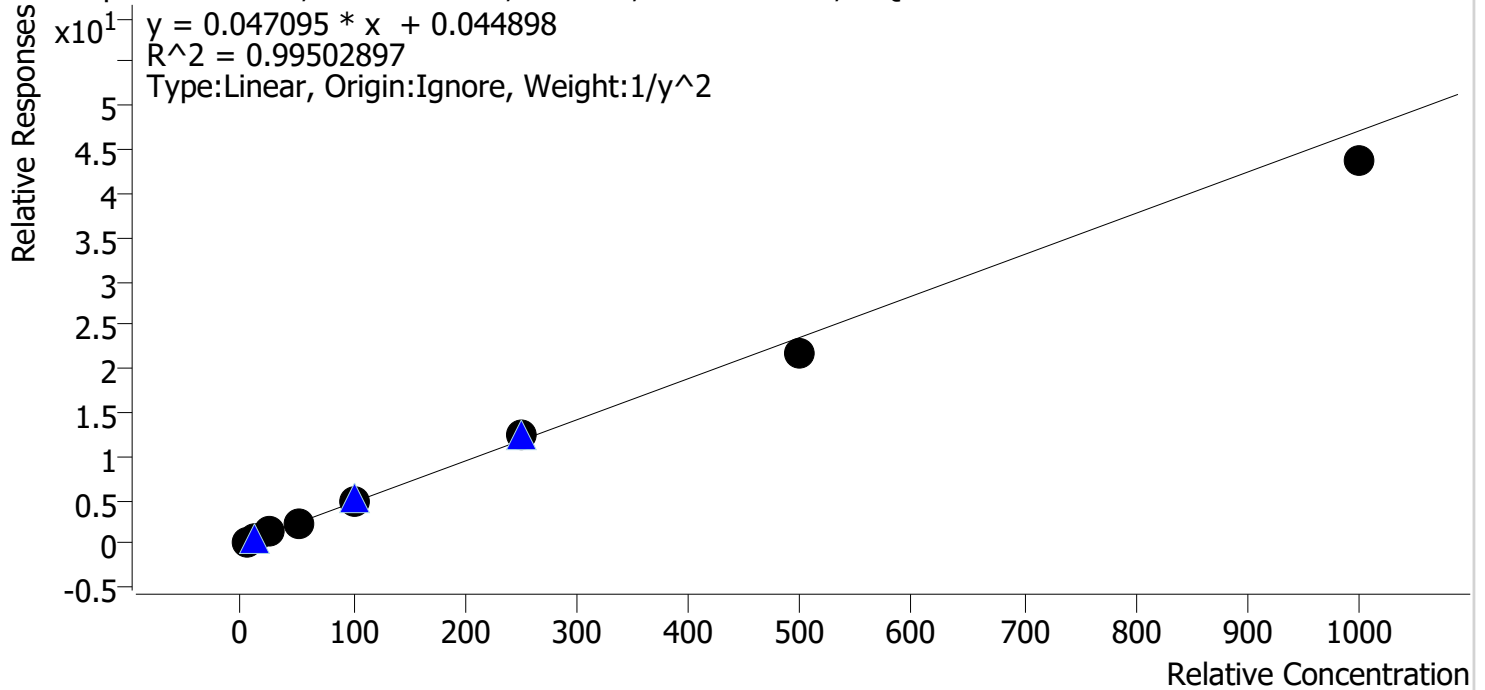


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

Clonazepam-D4

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



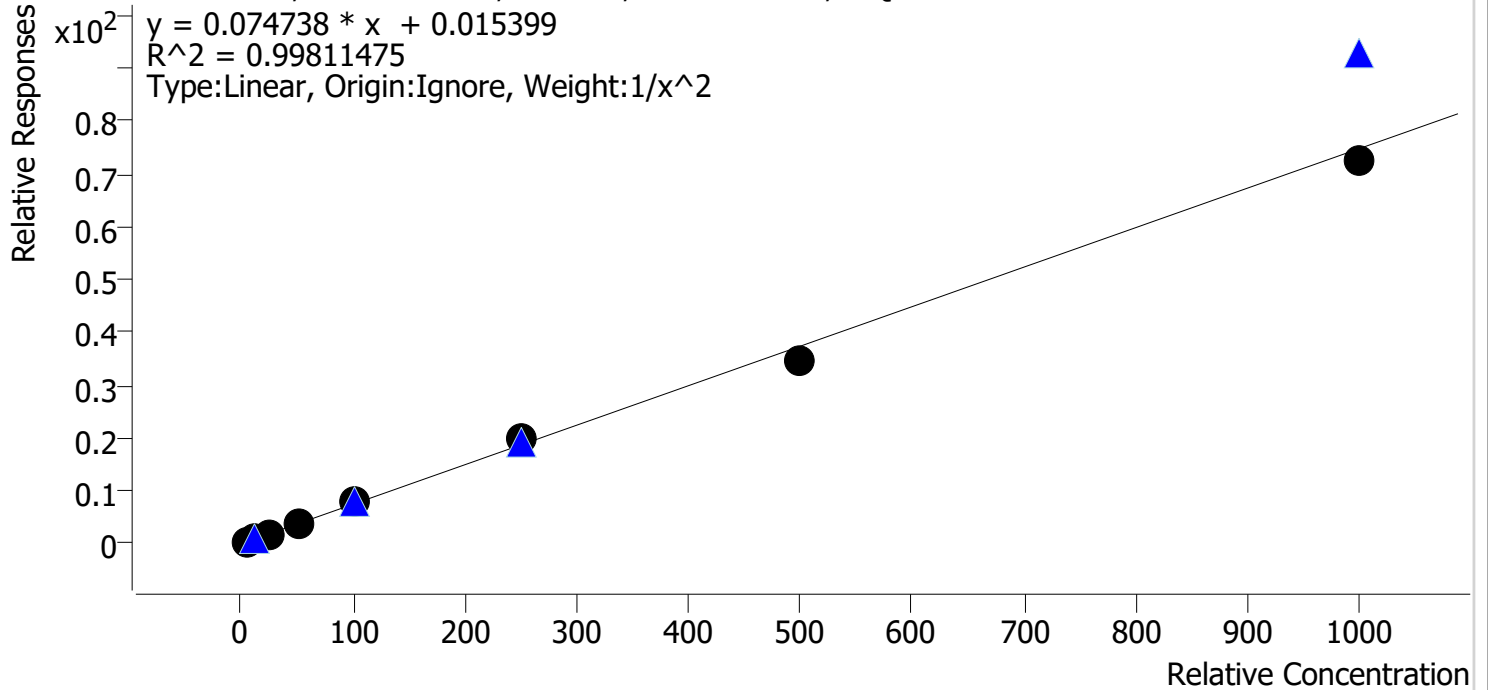
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.7	94.9
cal 2 mdq	2	✓	10.0	10.8	107.7
cal 3 mdq	3	✓	25.0	25.8	103.1
cal 4 mdq	4	✓	50.0	52.4	104.9
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	264.2	105.7
cal 7 mdq	7	✓	500.0	462.6	92.5
cal 8 mdq	8	✓	1000.0	927.7	92.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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



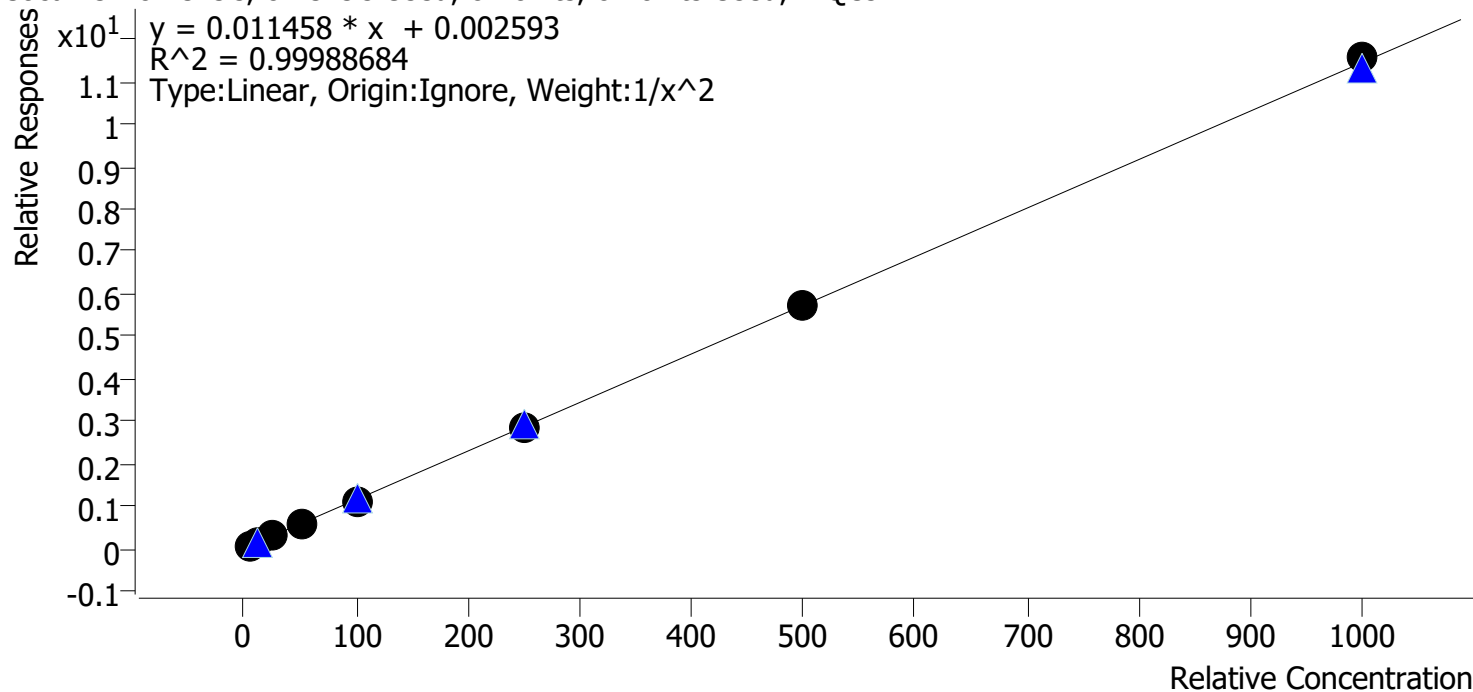
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	103.3	103.3
cal 6 mdq	6	✓	250.0	264.9	105.9
cal 7 mdq	7	✓	500.0	467.9	93.6
cal 8 mdq	8	✓	1000.0	971.2	97.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



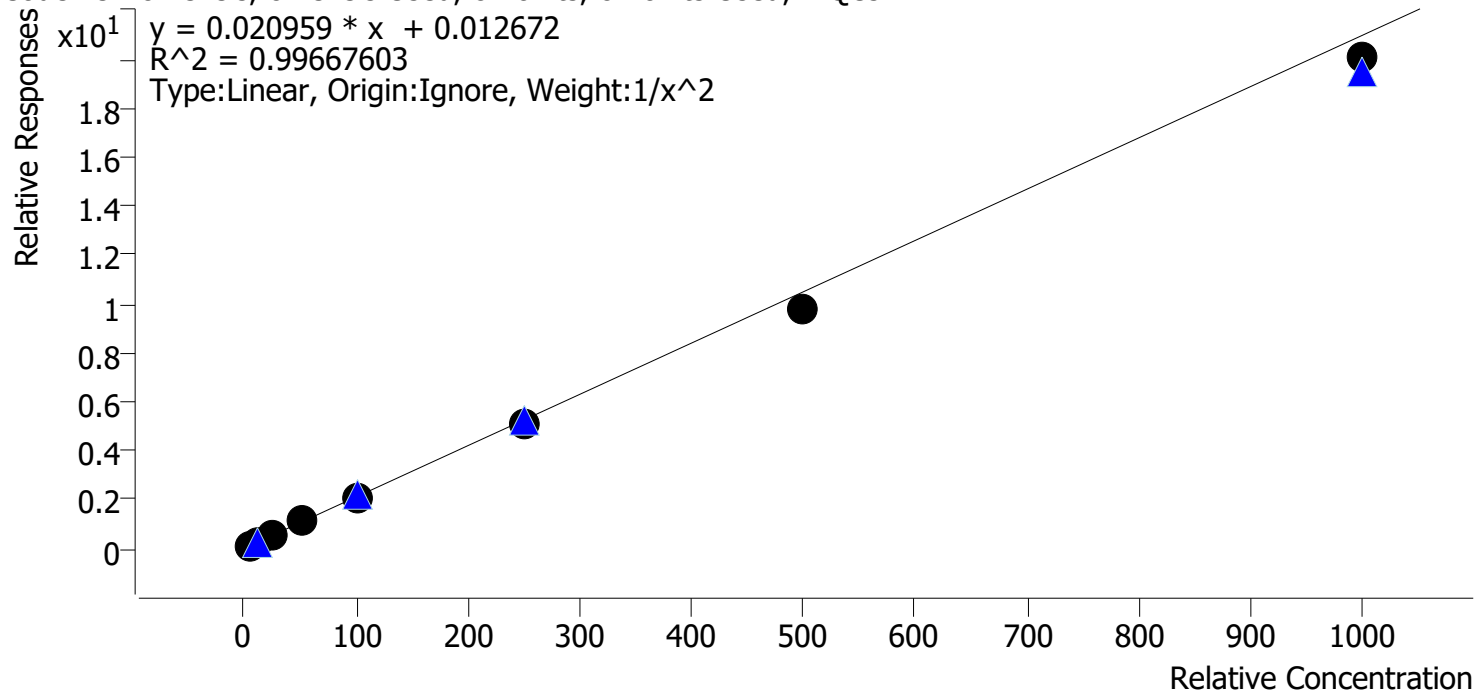
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	502.4	100.5
cal 8 mdq	8	✓	1000.0	1010.1	101.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



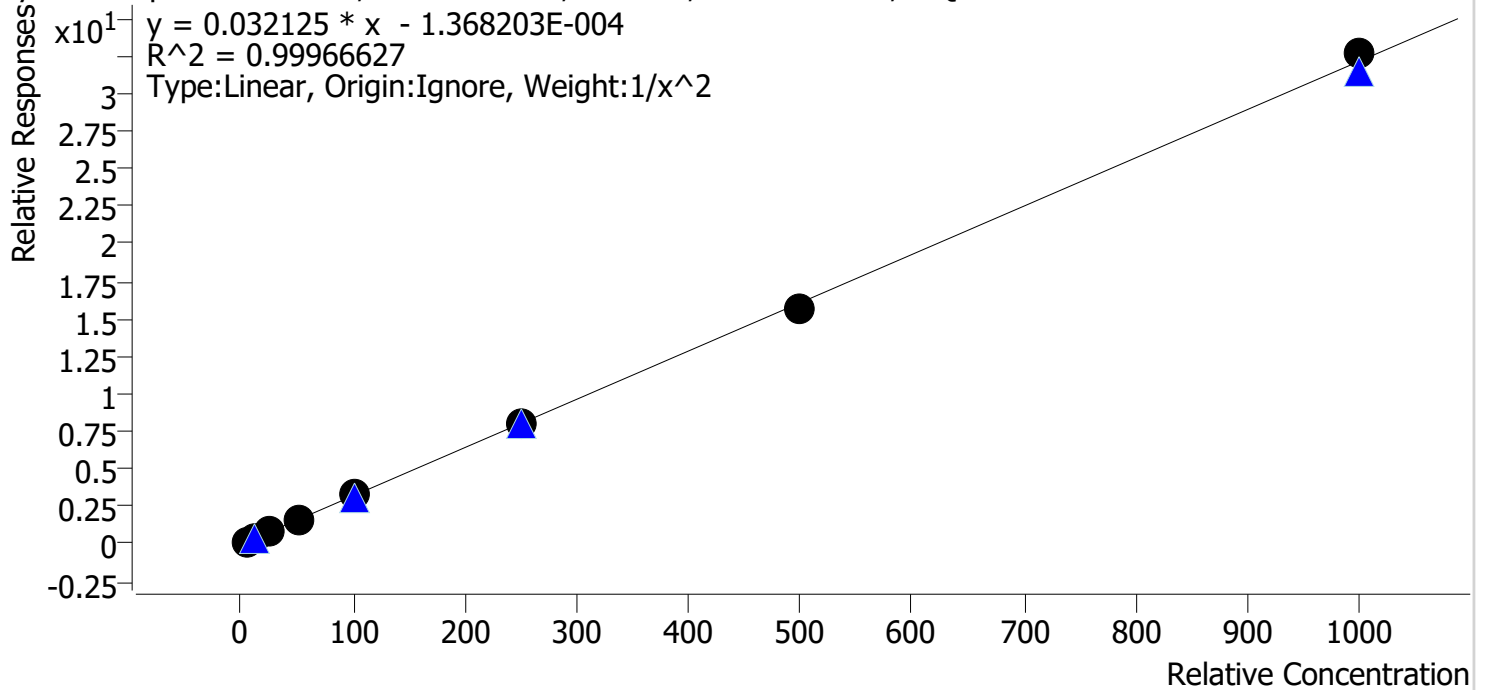
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.8	96.8
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	27.1	108.4
cal 4 mdq	4	✓	50.0	52.3	104.6
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	244.6	97.8
cal 7 mdq	7	✓	500.0	467.0	93.4
cal 8 mdq	8	✓	1000.0	956.7	95.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



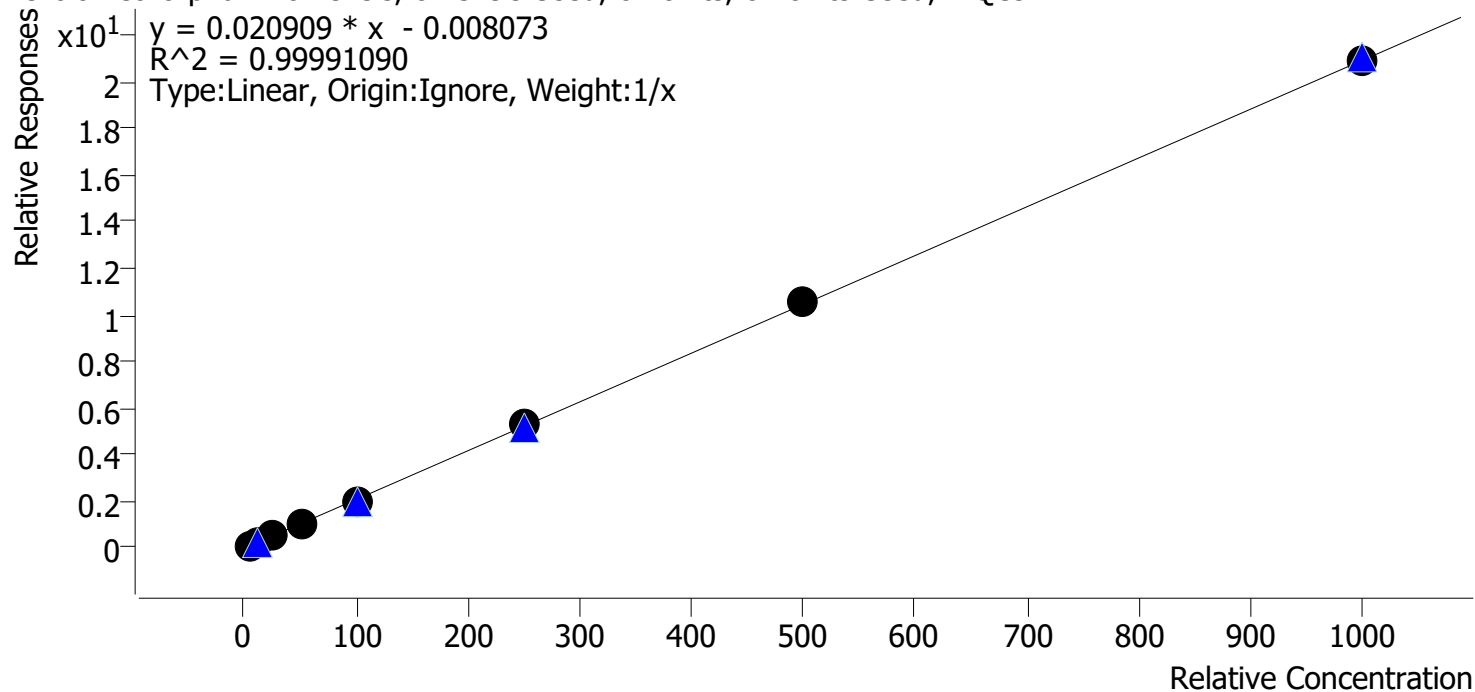
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	25.6	102.2
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	246.6	98.6
cal 7 mdq	7	✓	500.0	486.5	97.3
cal 8 mdq	8	✓	1000.0	1016.0	101.6

Compound Calibration Report



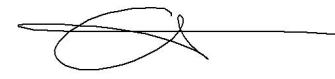
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

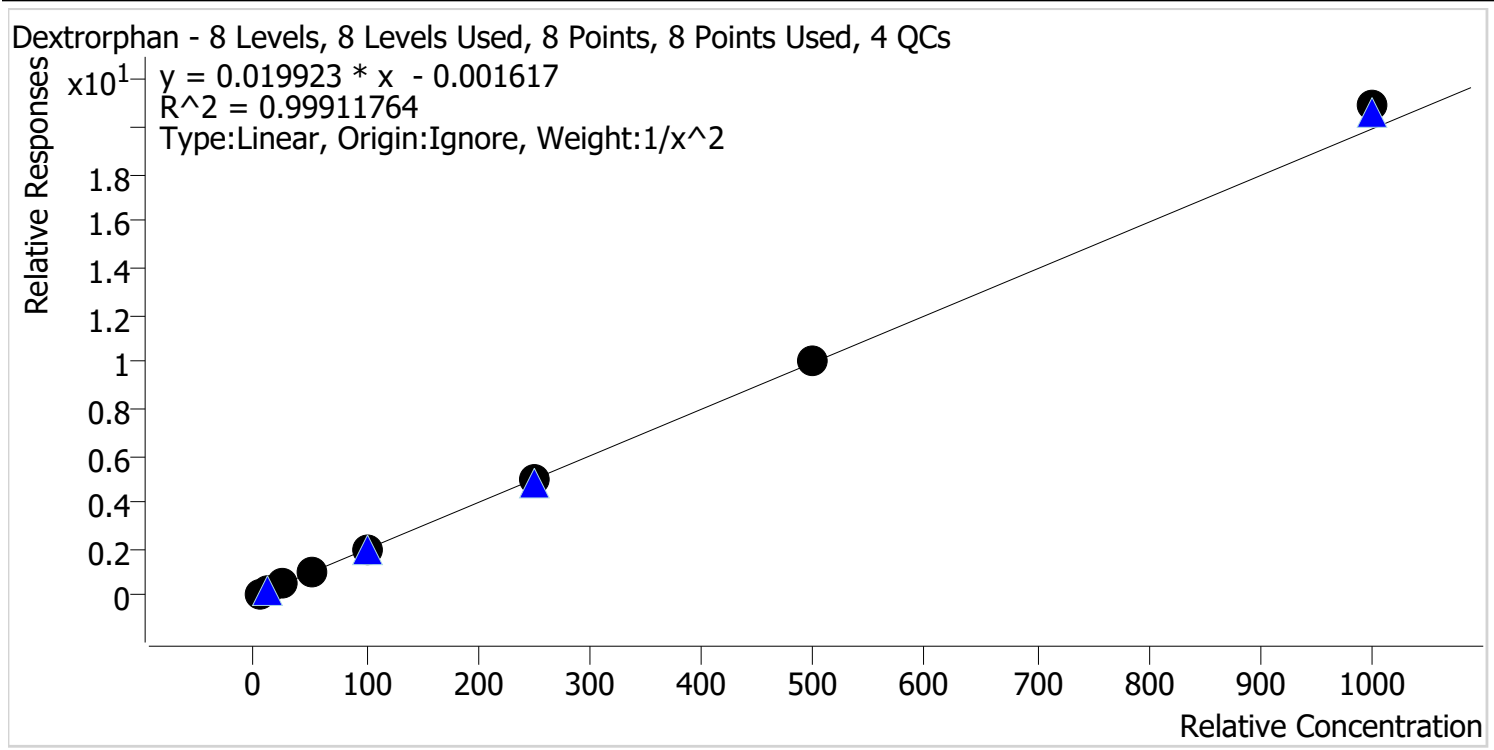


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.2	104.6
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	96.5	96.5
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	502.1	100.4
cal 8 mdq	8	✓	1000.0	1000.8	100.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



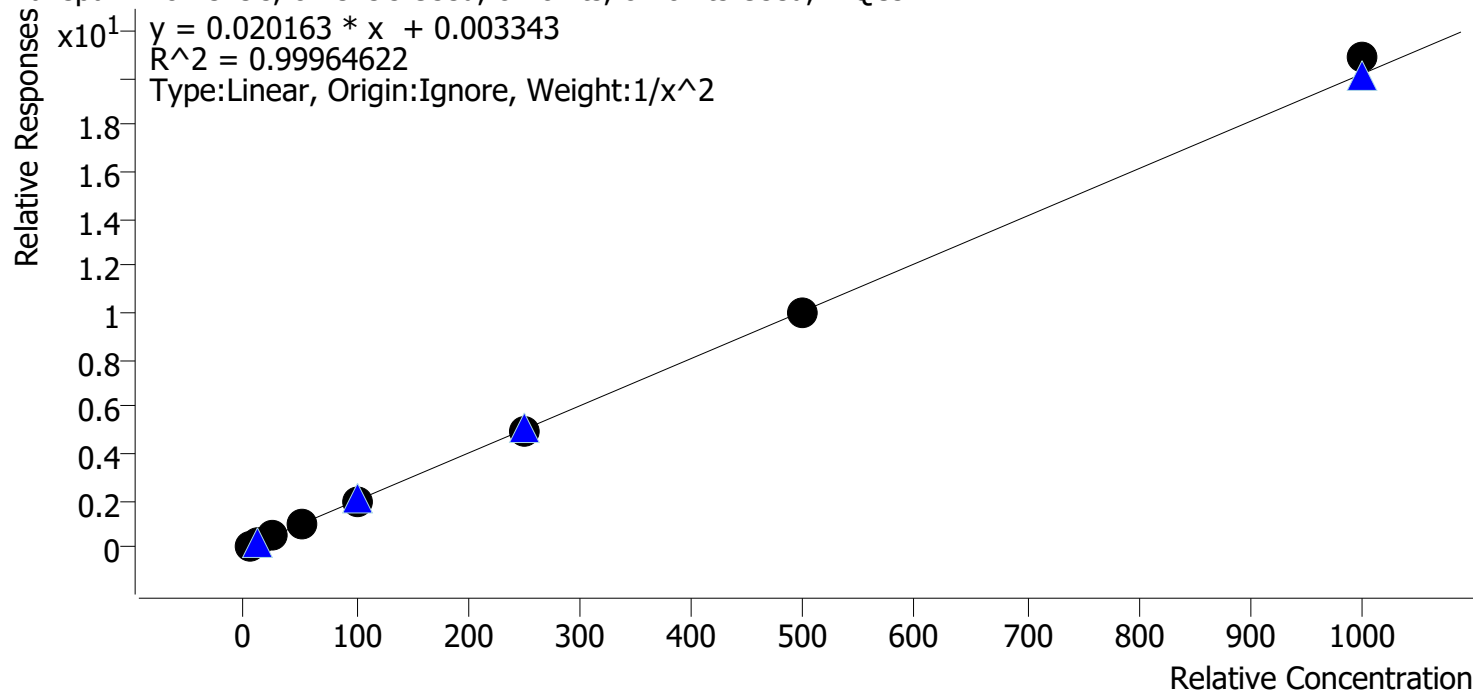
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.6	98.2
cal 4 mdq	4	✓	50.0	48.3	96.6
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	252.8	101.1
cal 7 mdq	7	✓	500.0	502.9	100.6
cal 8 mdq	8	✓	1000.0	1049.9	105.0

Compound Calibration Report



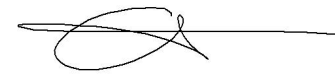
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



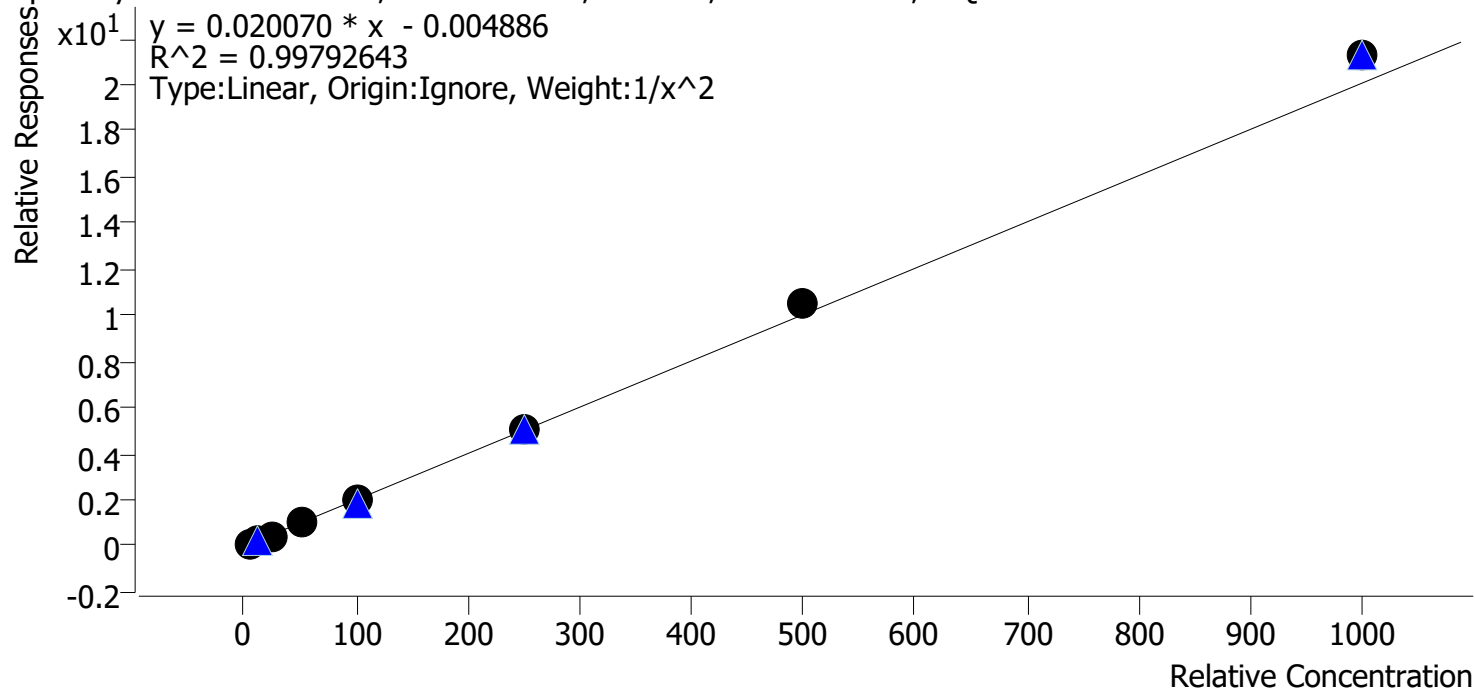
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	25.0	100.2
cal 4 mdq	4	✓	50.0	49.5	99.1
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	248.5	99.4
cal 7 mdq	7	✓	500.0	495.2	99.0
cal 8 mdq	8	✓	1000.0	1034.4	103.4

Compound Calibration Report



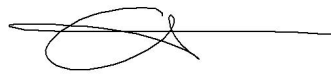
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



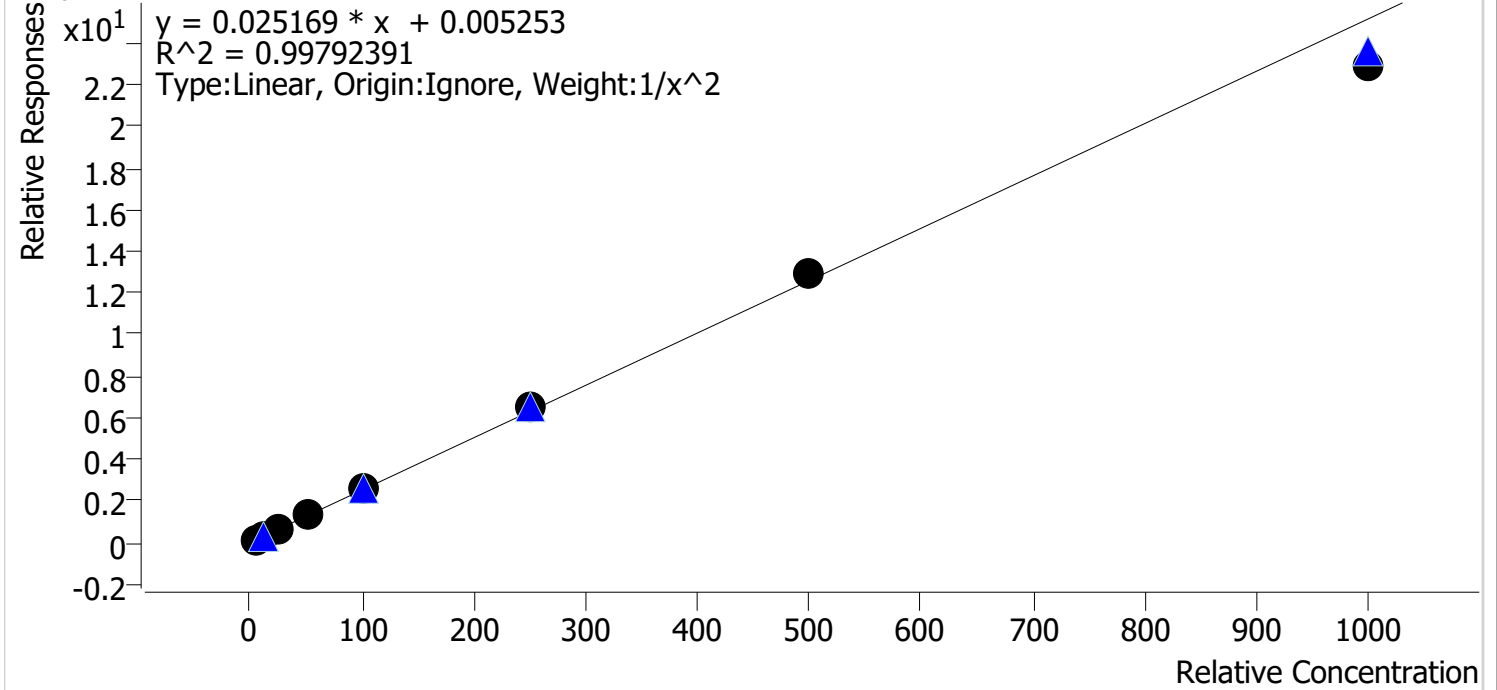
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	23.7	94.9
cal 4 mdq	4	✓	50.0	48.1	96.3
cal 5 mdq	5	✓	100.0	96.3	96.3
cal 6 mdq	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	521.2	104.2
cal 8 mdq	8	✓	1000.0	1056.8	105.7

Compound Calibration Report



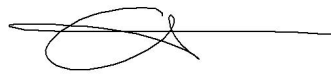
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



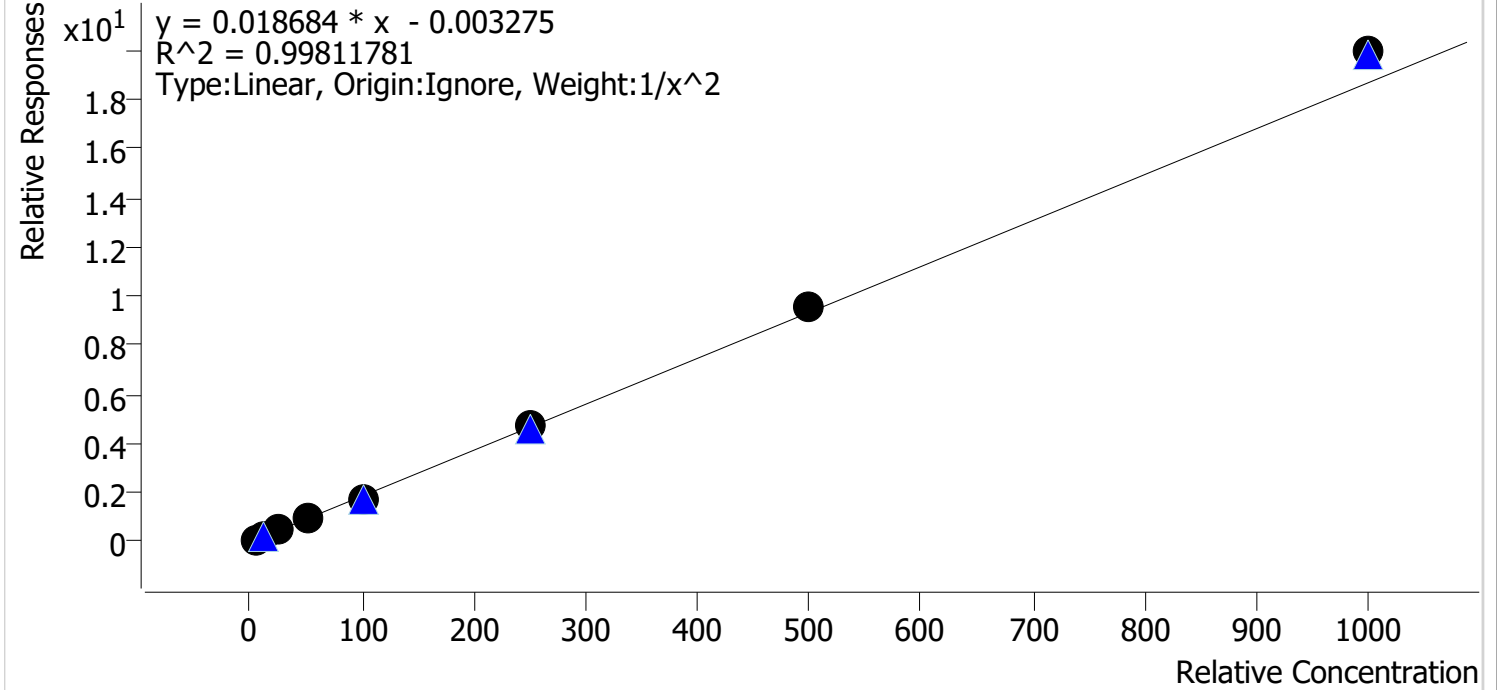
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	25.1	100.6
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	259.5	103.8
cal 7 mdq	7	✓	500.0	515.8	103.2
cal 8 mdq	8	✓	1000.0	909.3	90.9

Compound Calibration Report



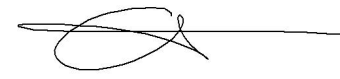
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



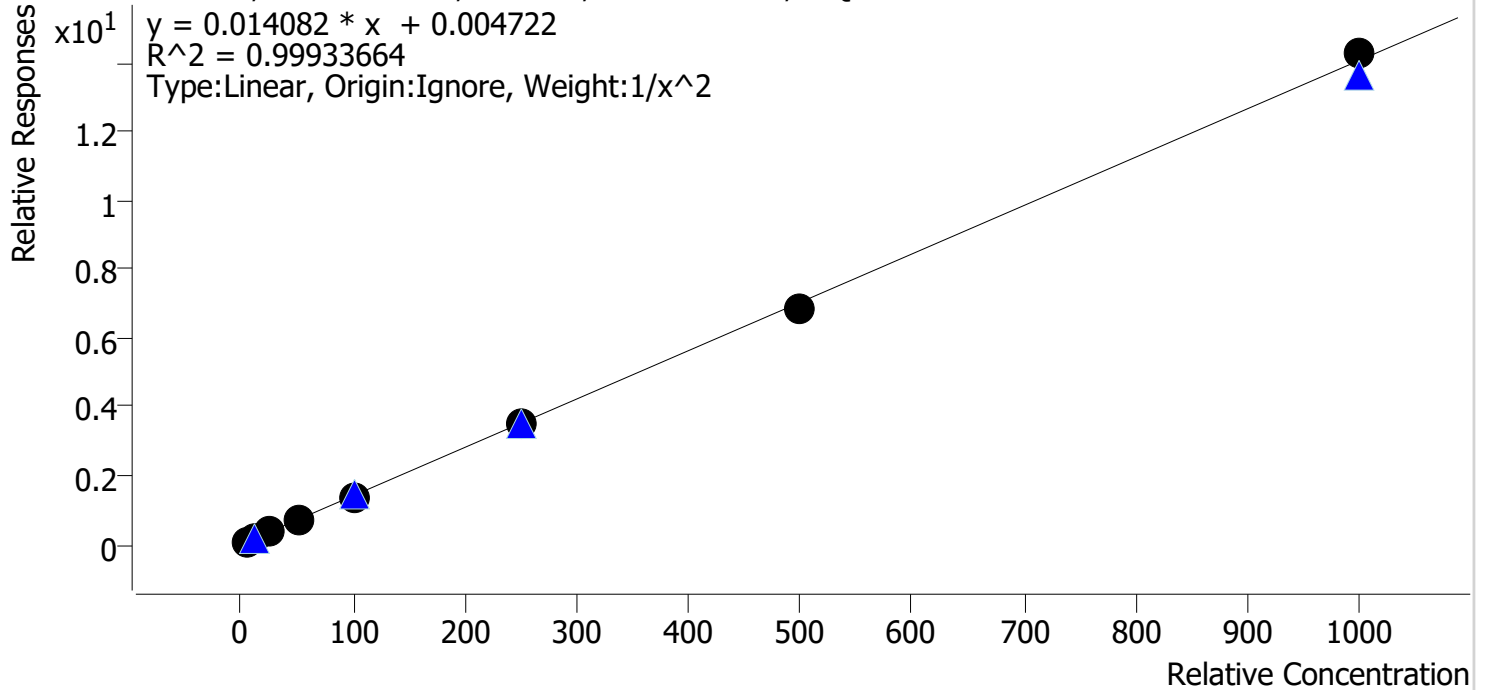
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	24.9	99.4
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	93.6	93.6
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	509.1	101.8
cal 8 mdq	8	✓	1000.0	1067.9	106.8

Compound Calibration Report



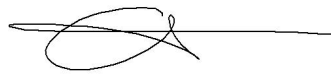
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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



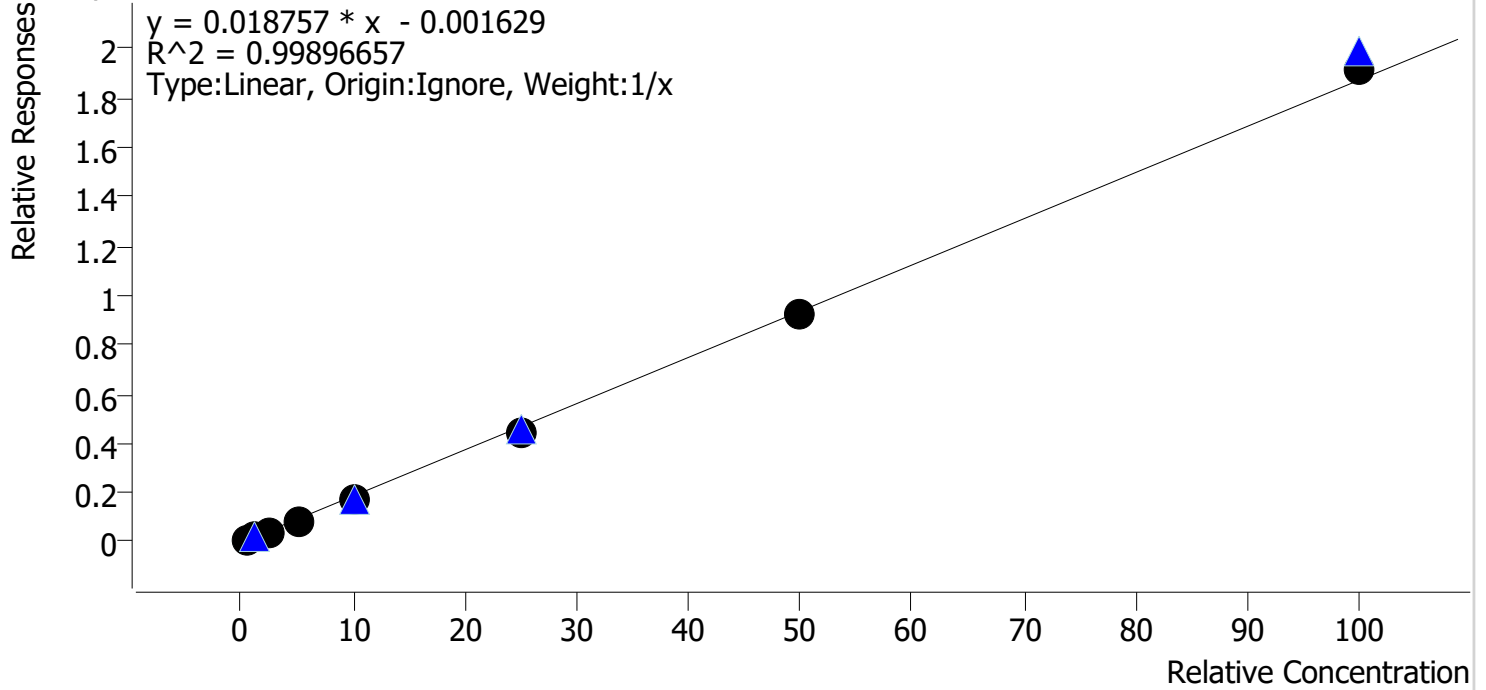
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.4	103.9
cal 3 mdq	3	✓	25.0	25.5	102.1
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	247.2	98.9
cal 7 mdq	7	✓	500.0	488.4	97.7
cal 8 mdq	8	✓	1000.0	1014.2	101.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



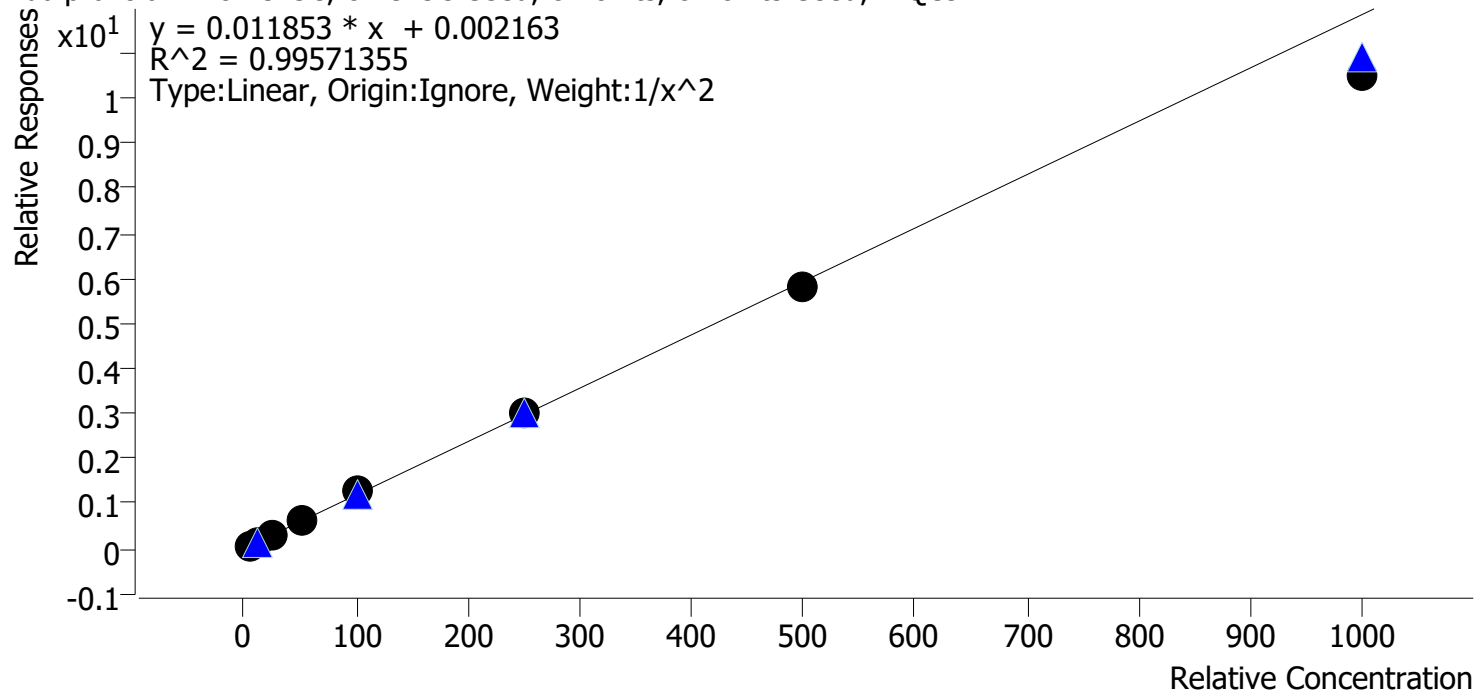
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	0.5	0.5	109.0
cal 2 mdq	2	✓	1.0	1.1	108.1
cal 3 mdq	3	✓	2.5	2.4	96.6
cal 4 mdq	4	✓	5.0	4.7	94.1
cal 5 mdq	5	✓	10.0	9.6	95.9
cal 6 mdq	6	✓	25.0	23.8	95.3
cal 7 mdq	7	✓	50.0	49.2	98.4
cal 8 mdq	8	✓	100.0	102.6	102.6

Compound Calibration Report



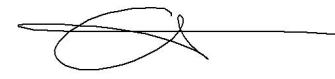
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



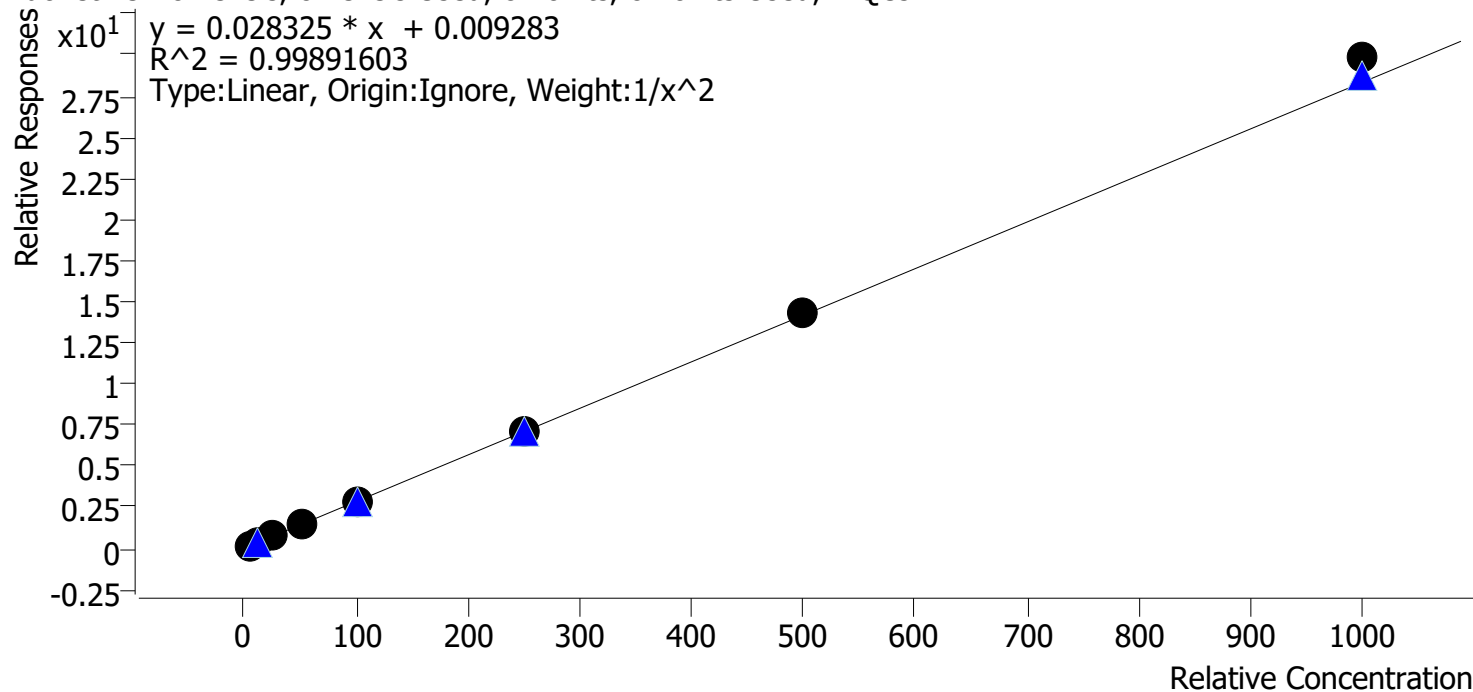
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	26.3	105.4
cal 4 mdq	4	✓	50.0	50.8	101.6
cal 5 mdq	5	✓	100.0	106.7	106.7
cal 6 mdq	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	487.0	97.4
cal 8 mdq	8	✓	1000.0	883.1	88.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



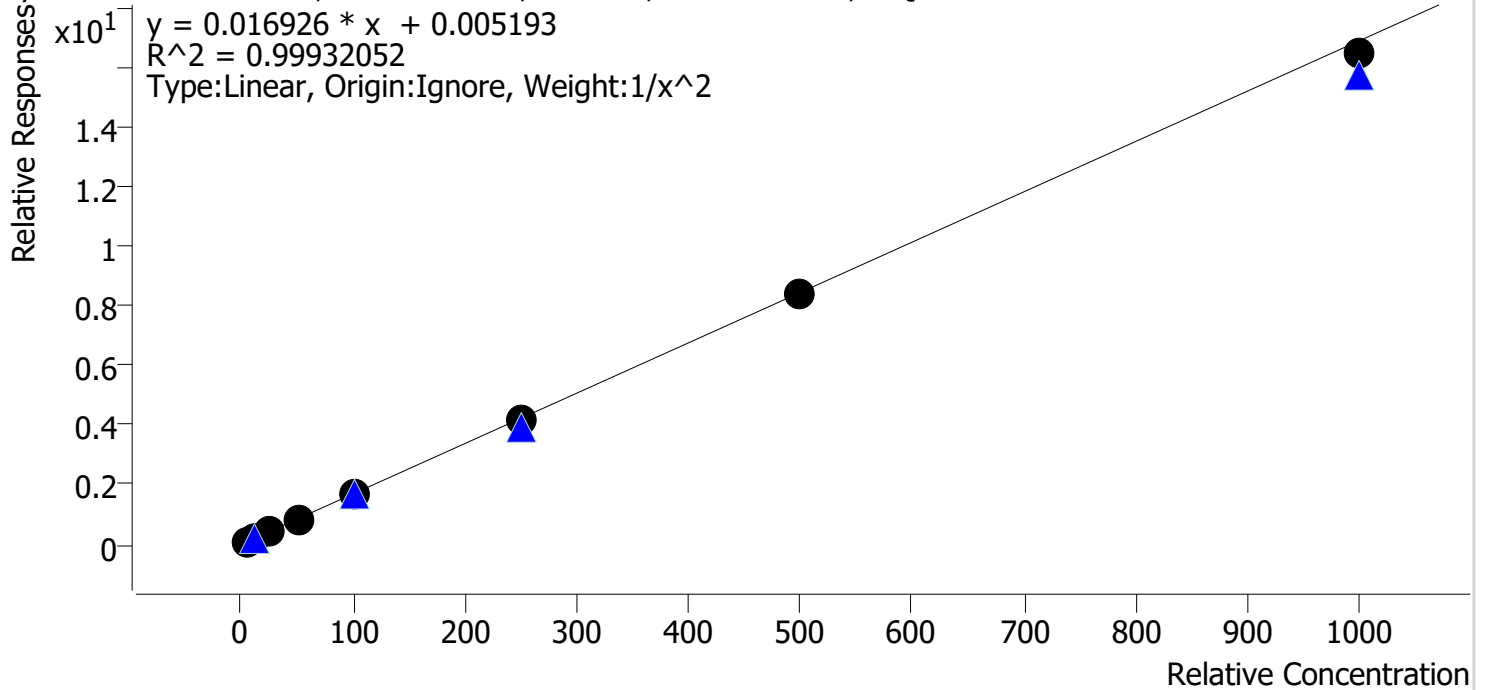
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.7	97.2
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	96.6	96.6
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	508.7	101.7
cal 8 mdq	8	✓	1000.0	1053.3	105.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



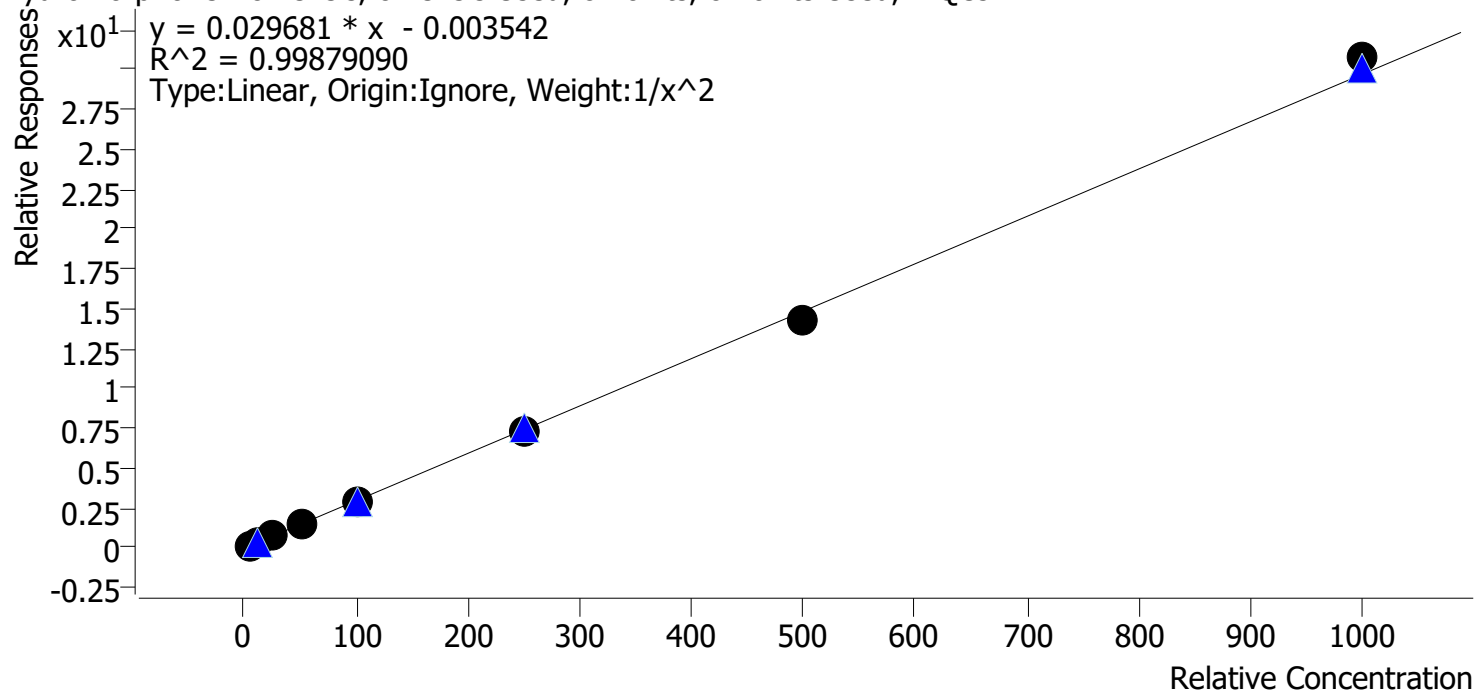
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	51.4	102.7
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	494.9	99.0
cal 8 mdq	8	✓	1000.0	974.6	97.5

Compound Calibration Report



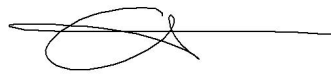
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

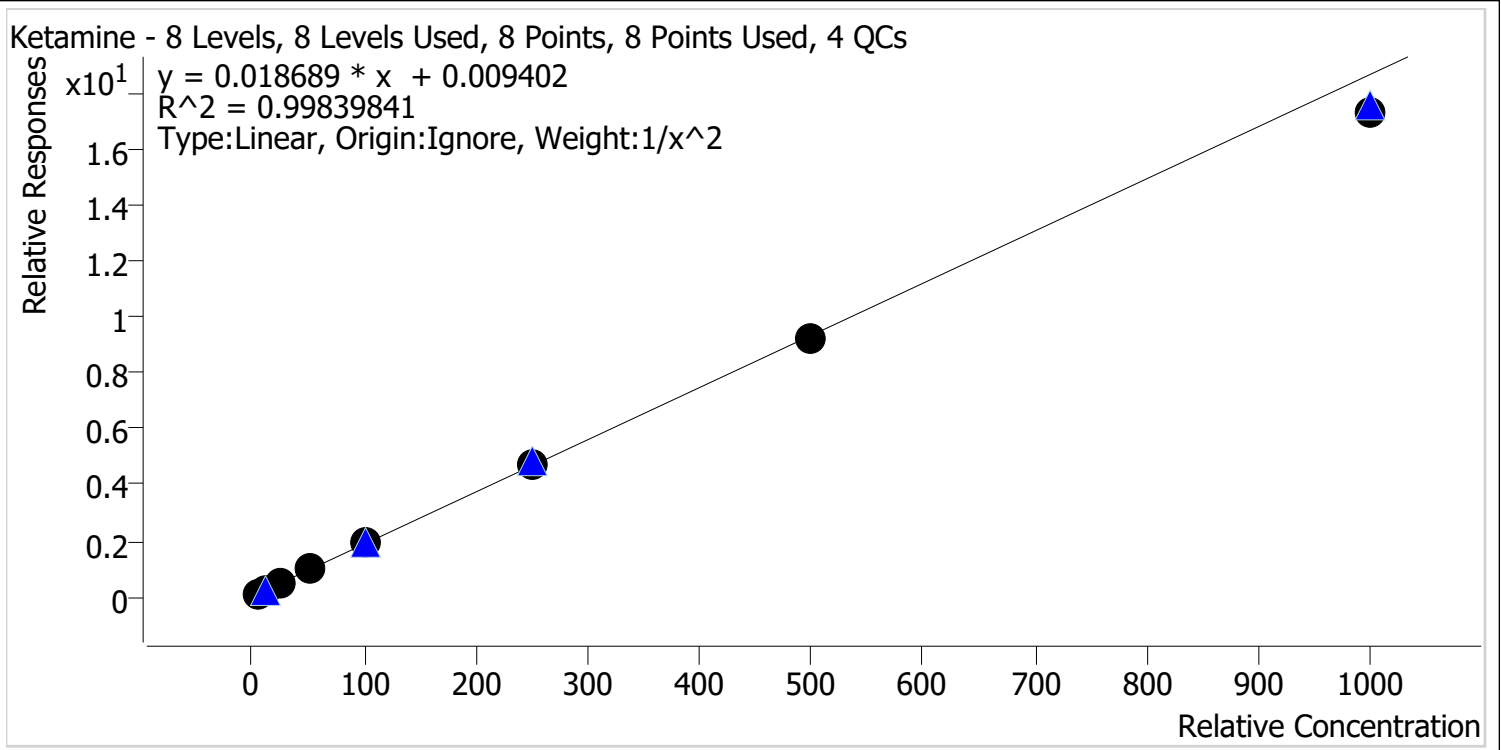


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	52.7	105.4
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	244.0	97.6
cal 7 mdq	7	✓	500.0	483.6	96.7
cal 8 mdq	8	✓	1000.0	1035.3	103.5

Compound Calibration Report

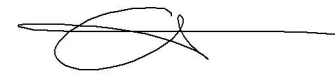


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	25.7	102.8
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	494.1	98.8
cal 8 mdq	8	✓	1000.0	924.4	92.4

Compound Calibration Report

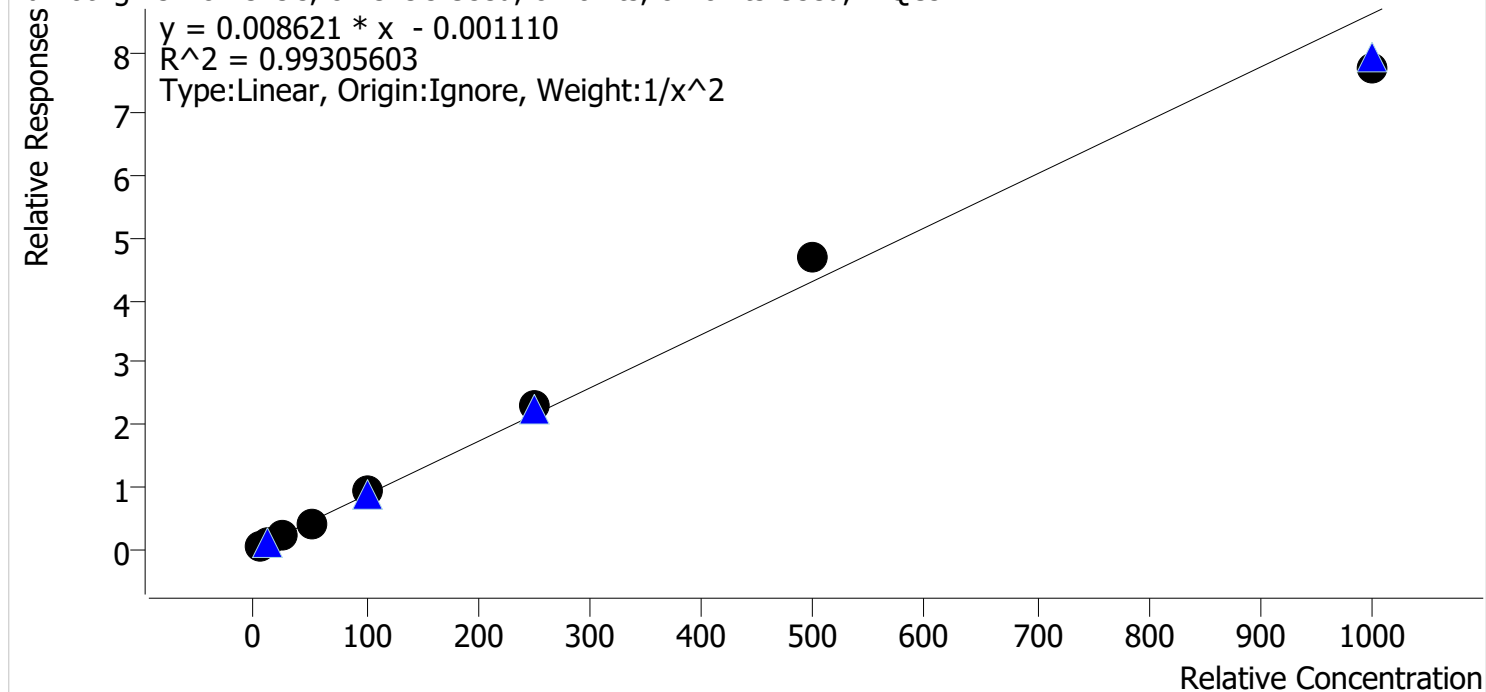


Batch results D:\MassHunter\Data\2022\lam 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Lamotrigine

Internal Standard

Nordiazepam-D5

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



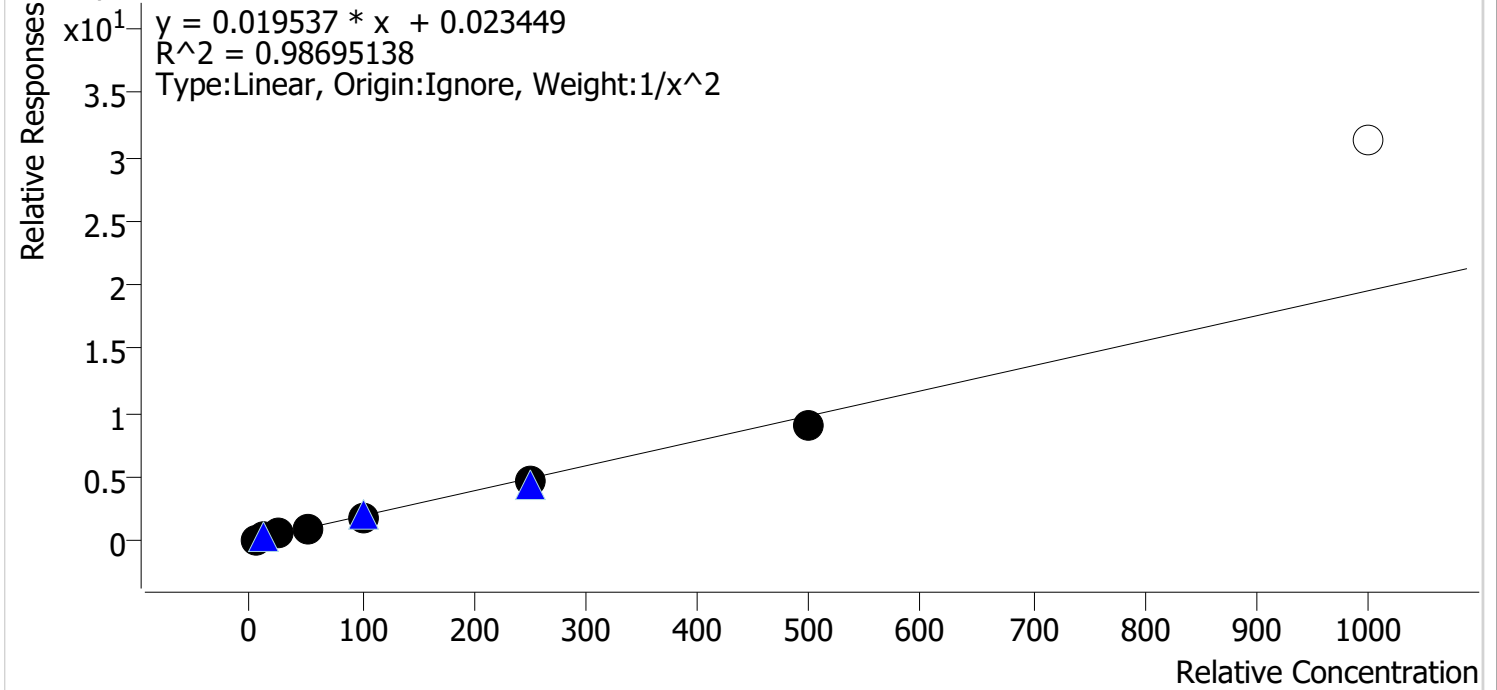
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.2	104.2
cal 2 mdq	2	✓	10.0	9.4	93.8
cal 3 mdq	3	✓	25.0	23.4	93.8
cal 4 mdq	4	✓	50.0	48.6	97.1
cal 5 mdq	5	✓	100.0	104.9	104.9
cal 6 mdq	6	✓	250.0	270.6	108.2
cal 7 mdq	7	✓	500.0	541.3	108.3
cal 8 mdq	8	✓	1000.0	896.9	89.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.5	90.5
cal 2 mdq	2	✓	10.0	11.5	115.4
cal 3 mdq	3	✓	25.0	27.3	109.3
cal 4 mdq	4	✓	50.0	52.3	104.7
cal 5 mdq	5	✓	100.0	94.1	94.1
cal 6 mdq	6	✓	250.0	232.6	93.0
cal 7 mdq	7	✓	500.0	465.5	93.1
cal 8 mdq	8	✗	1000.0	1597.1	159.7

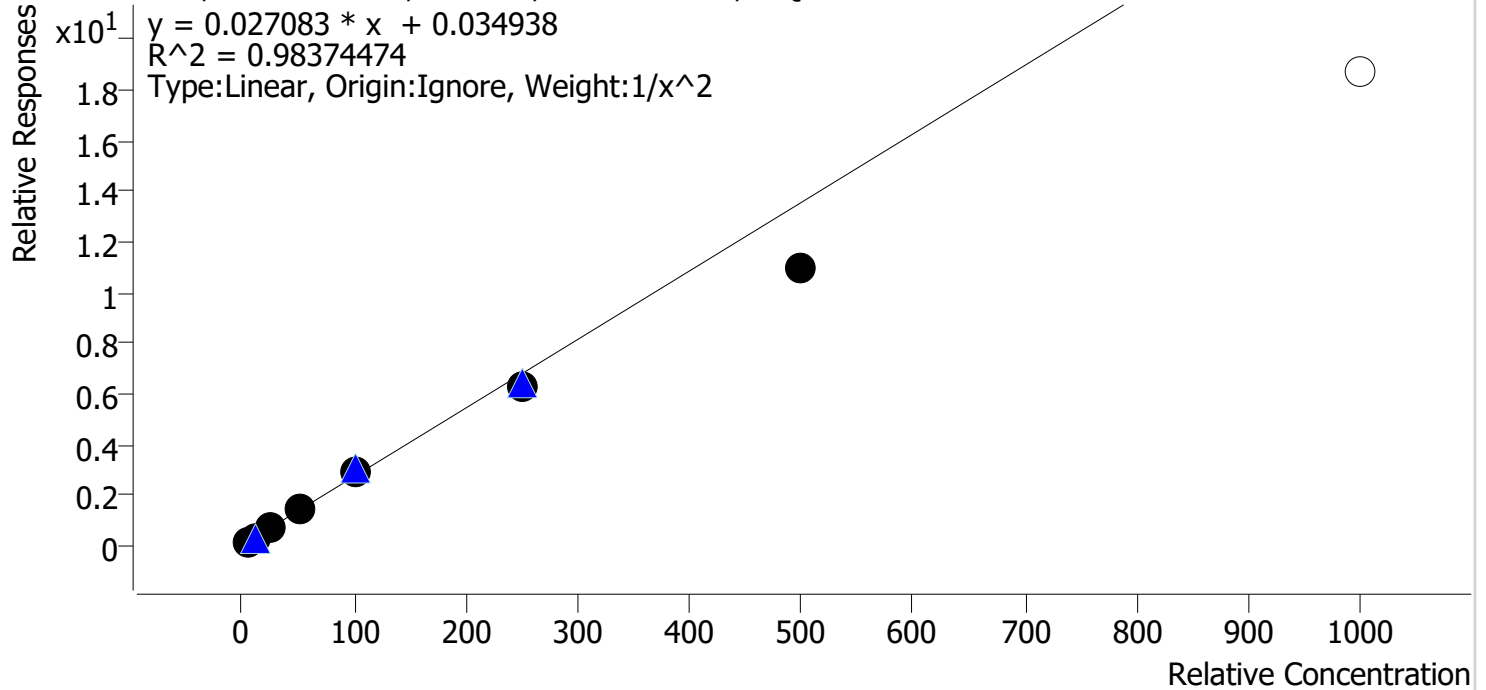
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



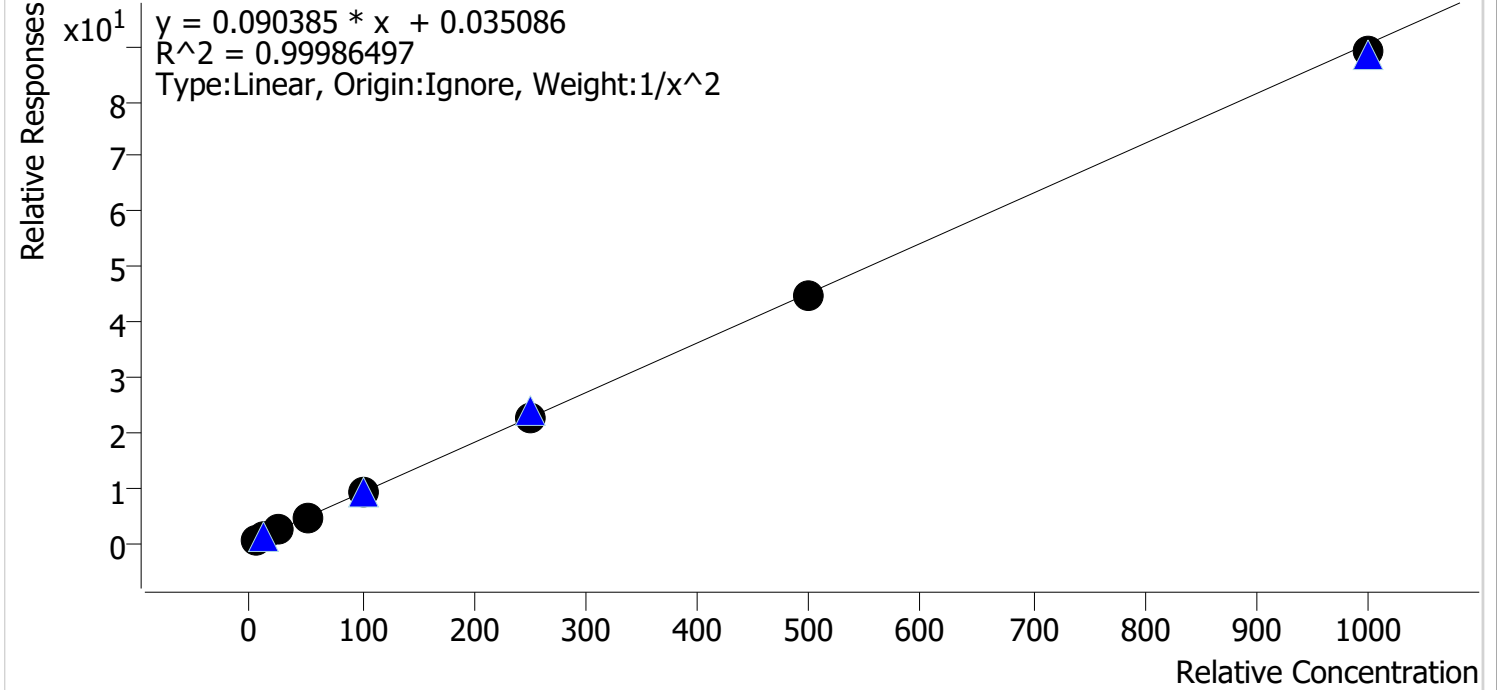
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.8	95.4
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	27.1	108.2
cal 4 mdq	4	✓	50.0	54.9	109.8
cal 5 mdq	5	✓	100.0	109.3	109.3
cal 6 mdq	6	✓	250.0	232.0	92.8
cal 7 mdq	7	✓	500.0	403.7	80.7
cal 8 mdq	8	✗	1000.0	689.1	68.9

dropped cal 8 due to accuracy

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	25.4	101.4
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	249.8	99.9
cal 7 mdq	7	✓	500.0	497.0	99.4
cal 8 mdq	8	✓	1000.0	984.3	98.4

Compound Calibration Report

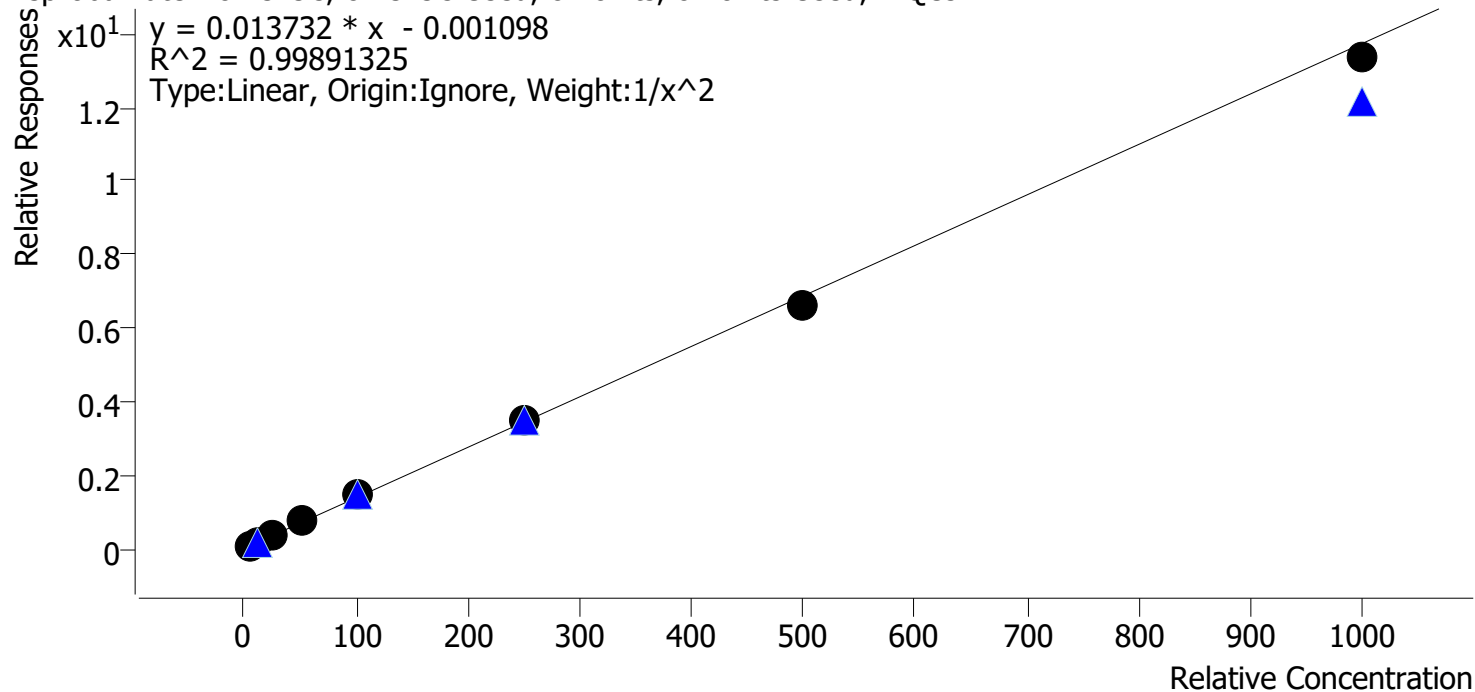


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Meprobamate

Internal Standard

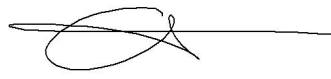
Carisoprodol-D7

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



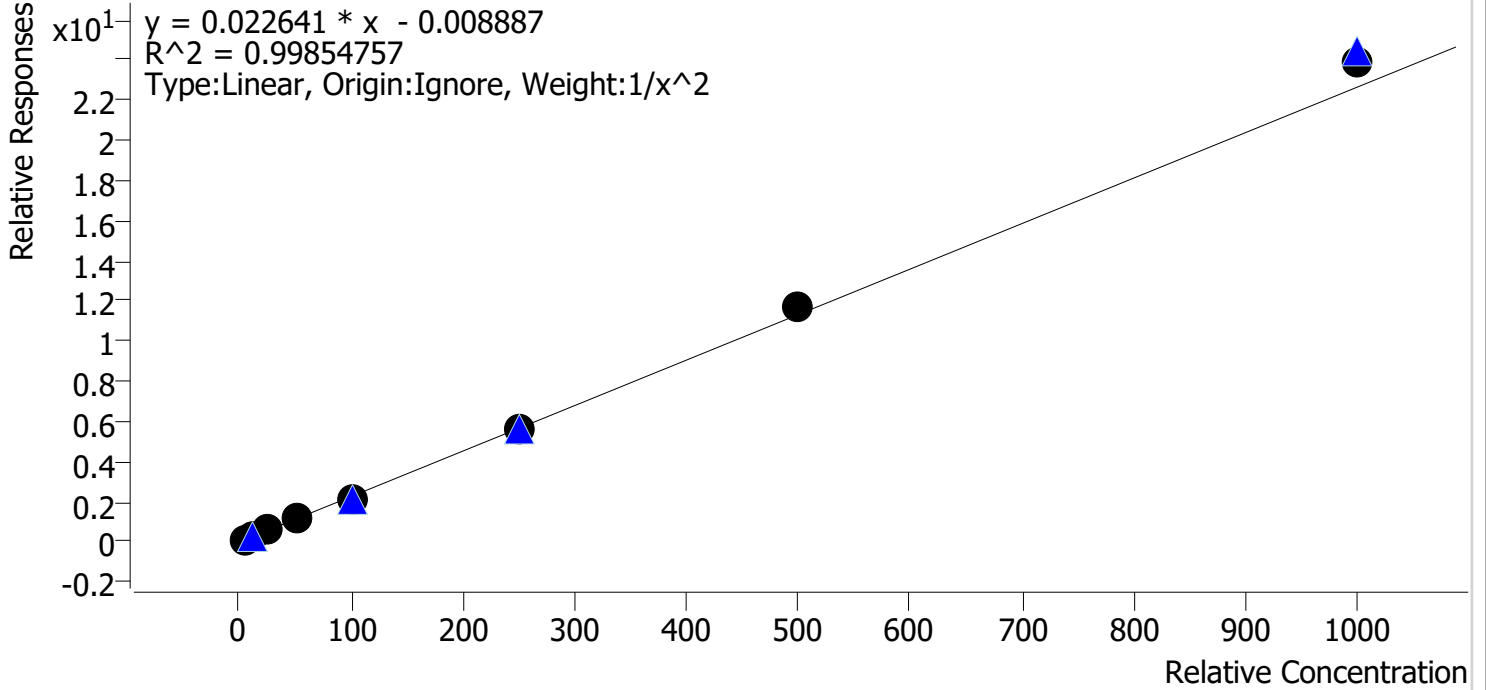
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	51.6	103.3
cal 5 mdq	5	✓	100.0	104.4	104.4
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	480.9	96.2
cal 8 mdq	8	✓	1000.0	972.1	97.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



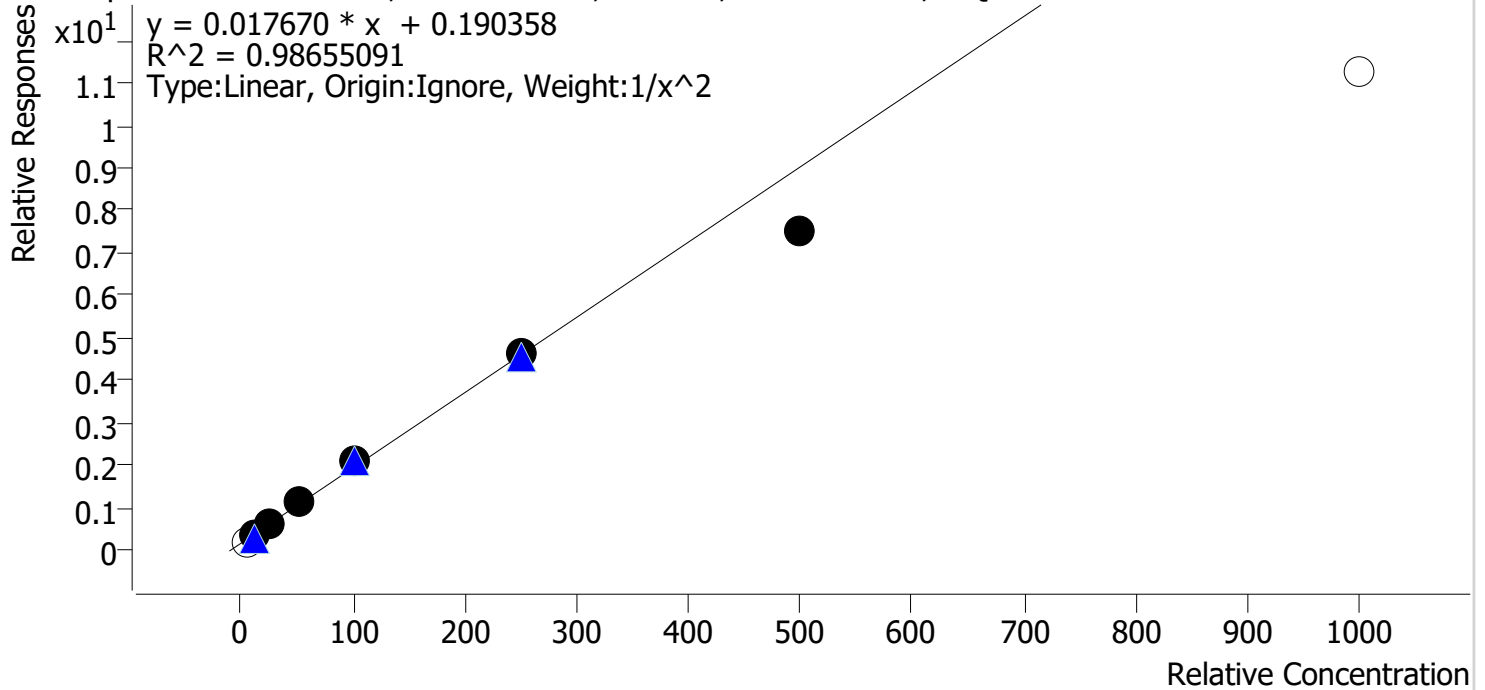
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	24.1	96.6
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	95.8	95.8
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	515.1	103.0
cal 8 mdq	8	✓	1000.0	1056.9	105.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	x	5.0	1.6	32.4
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	25.4	101.4
cal 4 mdq	4	✓	50.0	54.6	109.2
cal 5 mdq	5	✓	100.0	109.3	109.3
cal 6 mdq	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	415.3	83.1
cal 8 mdq	8	x	1000.0	627.2	62.7

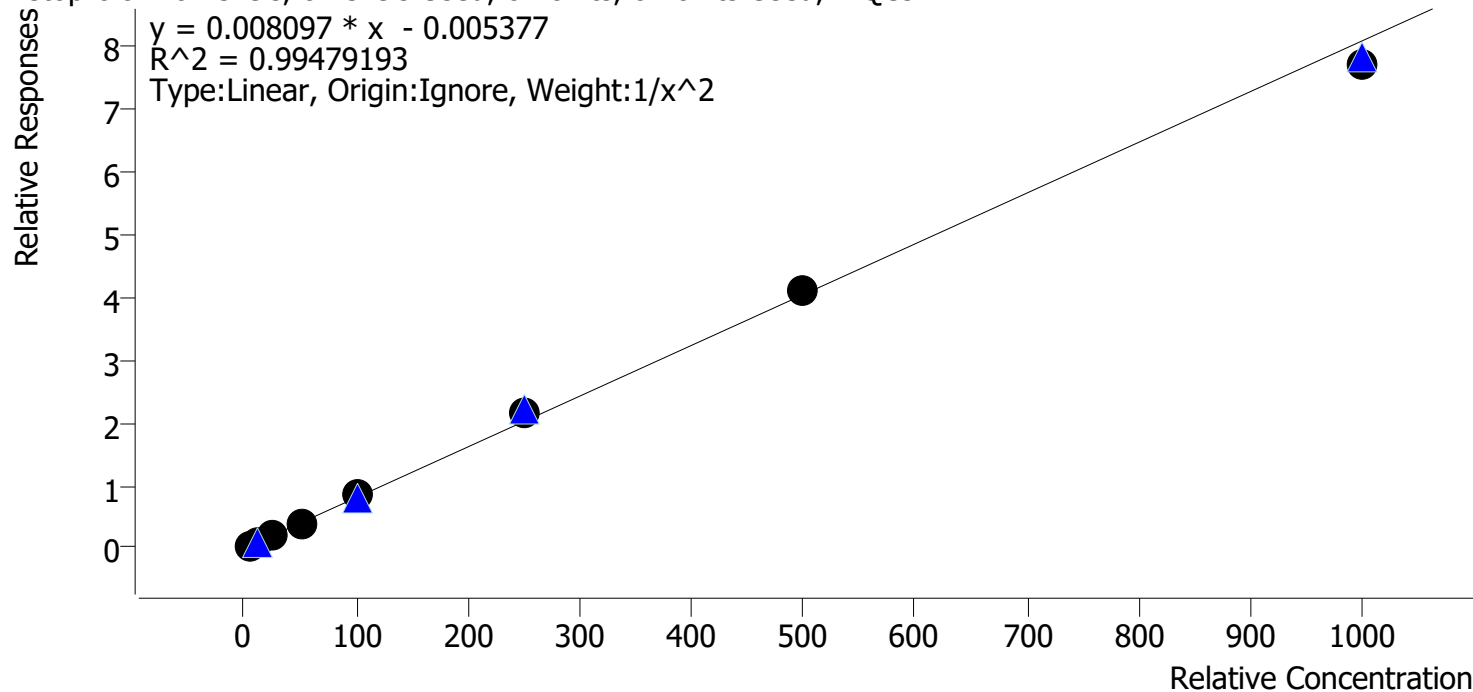
Dropped cal 8 due to accuracy, dropped cal 1 due to linearity.

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



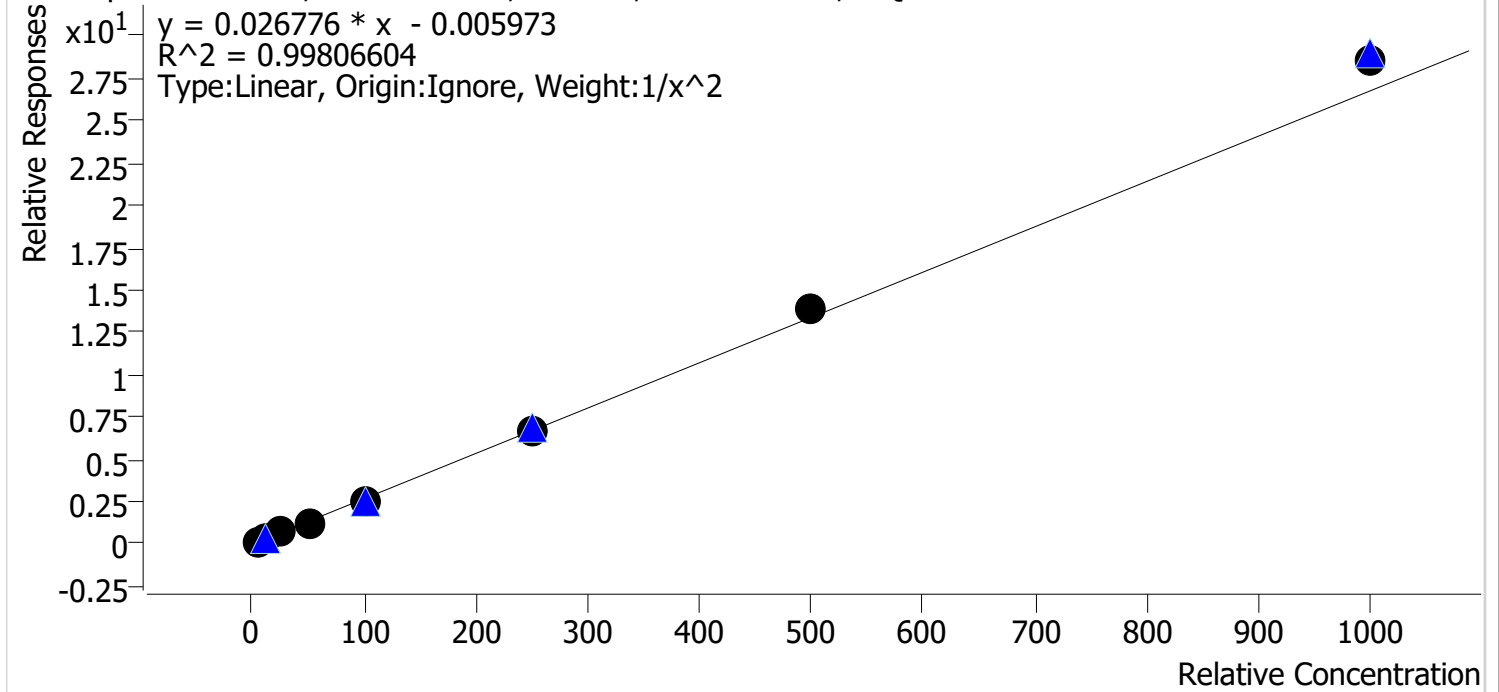
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.3	105.6
cal 2 mdq	2	✓	10.0	9.0	90.3
cal 3 mdq	3	✓	25.0	23.6	94.3
cal 4 mdq	4	✓	50.0	49.3	98.7
cal 5 mdq	5	✓	100.0	106.6	106.6
cal 6 mdq	6	✓	250.0	268.2	107.3
cal 7 mdq	7	✓	500.0	507.3	101.5
cal 8 mdq	8	✓	1000.0	957.0	95.7

Compound Calibration Report



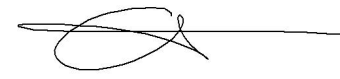
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



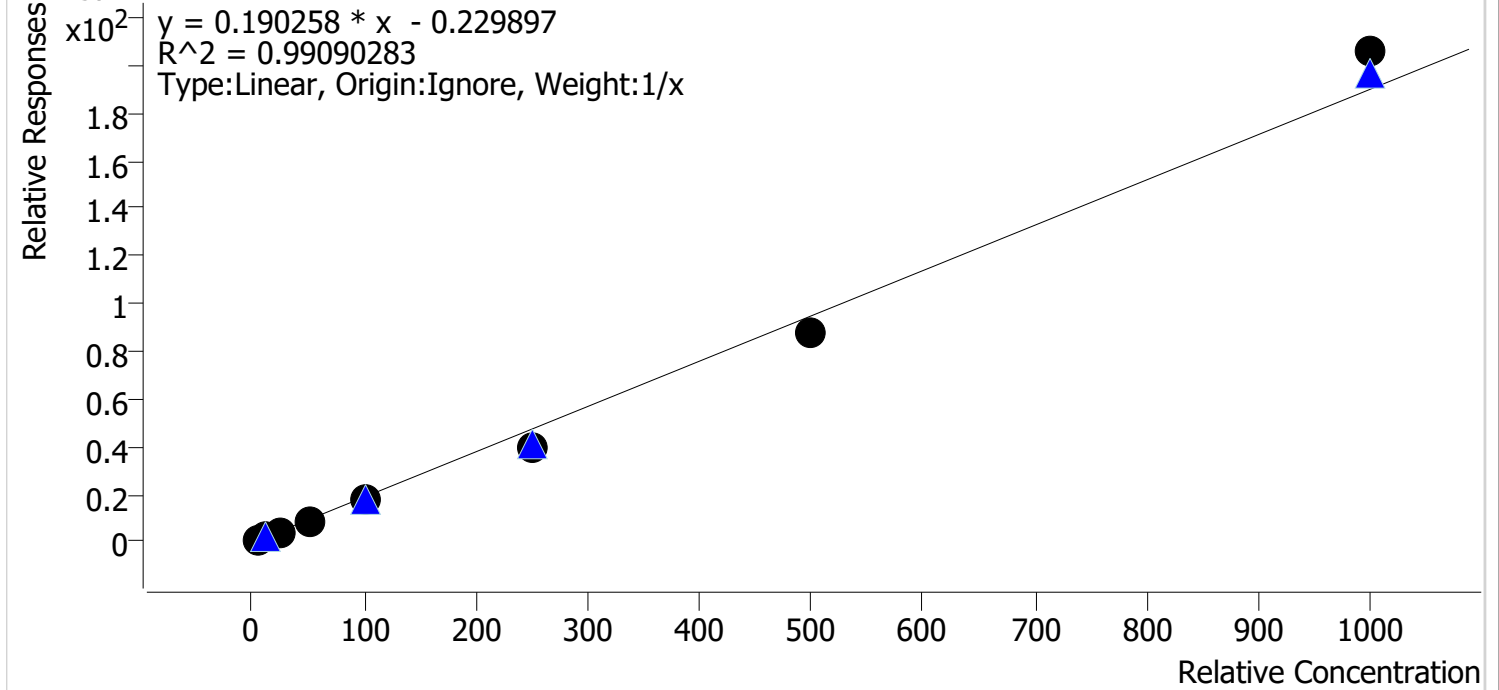
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	48.1	96.1
cal 5 mdq	5	✓	100.0	97.1	97.1
cal 6 mdq	6	✓	250.0	246.8	98.7
cal 7 mdq	7	✓	500.0	518.3	103.7
cal 8 mdq	8	✓	1000.0	1070.3	107.0

Compound Calibration Report



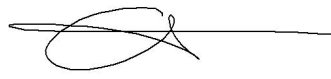
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Norbuprenorphine-D3

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

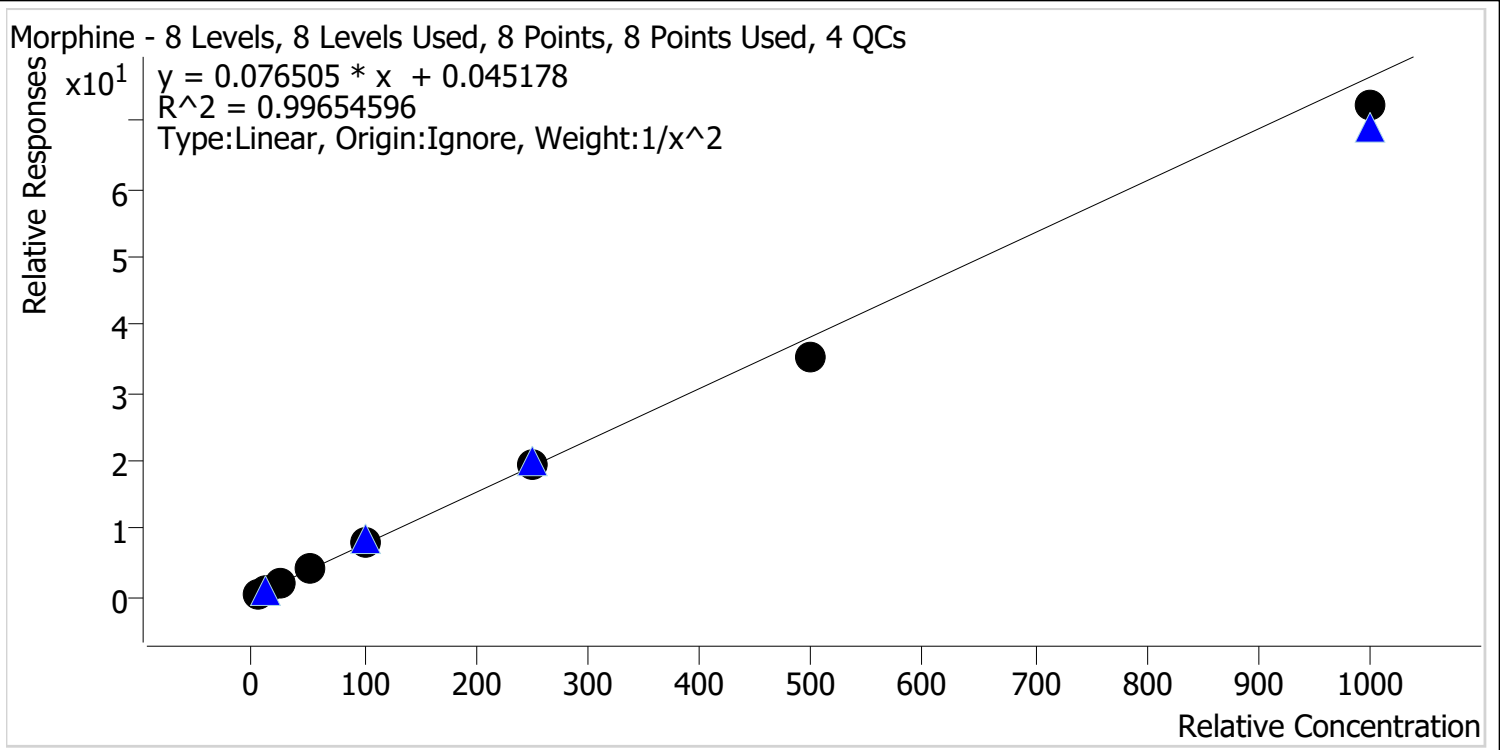


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.9	118.6
cal 2 mdq	2	✓	10.0	10.8	108.4
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	47.9	95.8
cal 5 mdq	5	✓	100.0	92.6	92.6
cal 6 mdq	6	✓	250.0	212.6	85.0
cal 7 mdq	7	✓	500.0	462.3	92.5
cal 8 mdq	8	✓	1000.0	1083.2	108.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

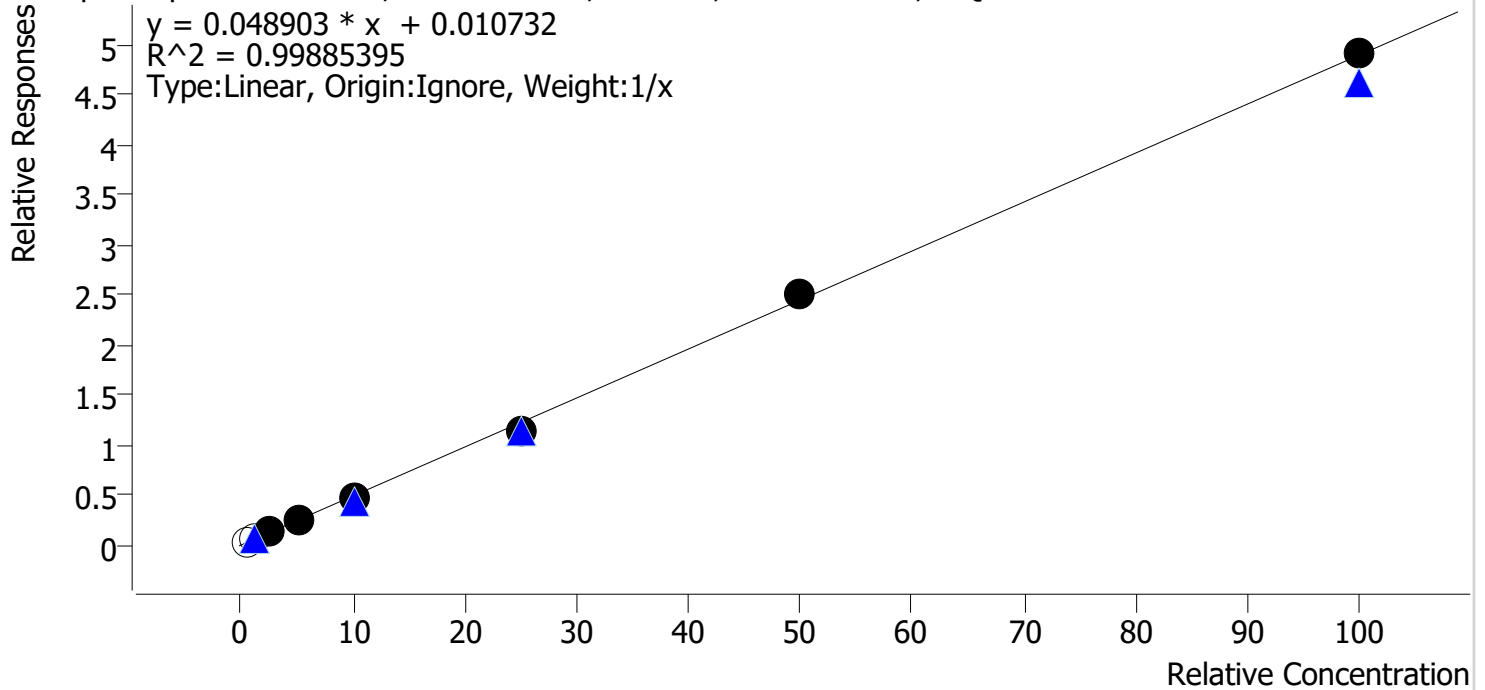


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	54.0	108.0
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdq	6	✓	250.0	257.2	102.9
cal 7 mdq	7	✓	500.0	458.6	91.7
cal 8 mdq	8	✓	1000.0	944.9	94.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

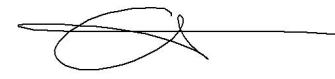
Norbuprenorphine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



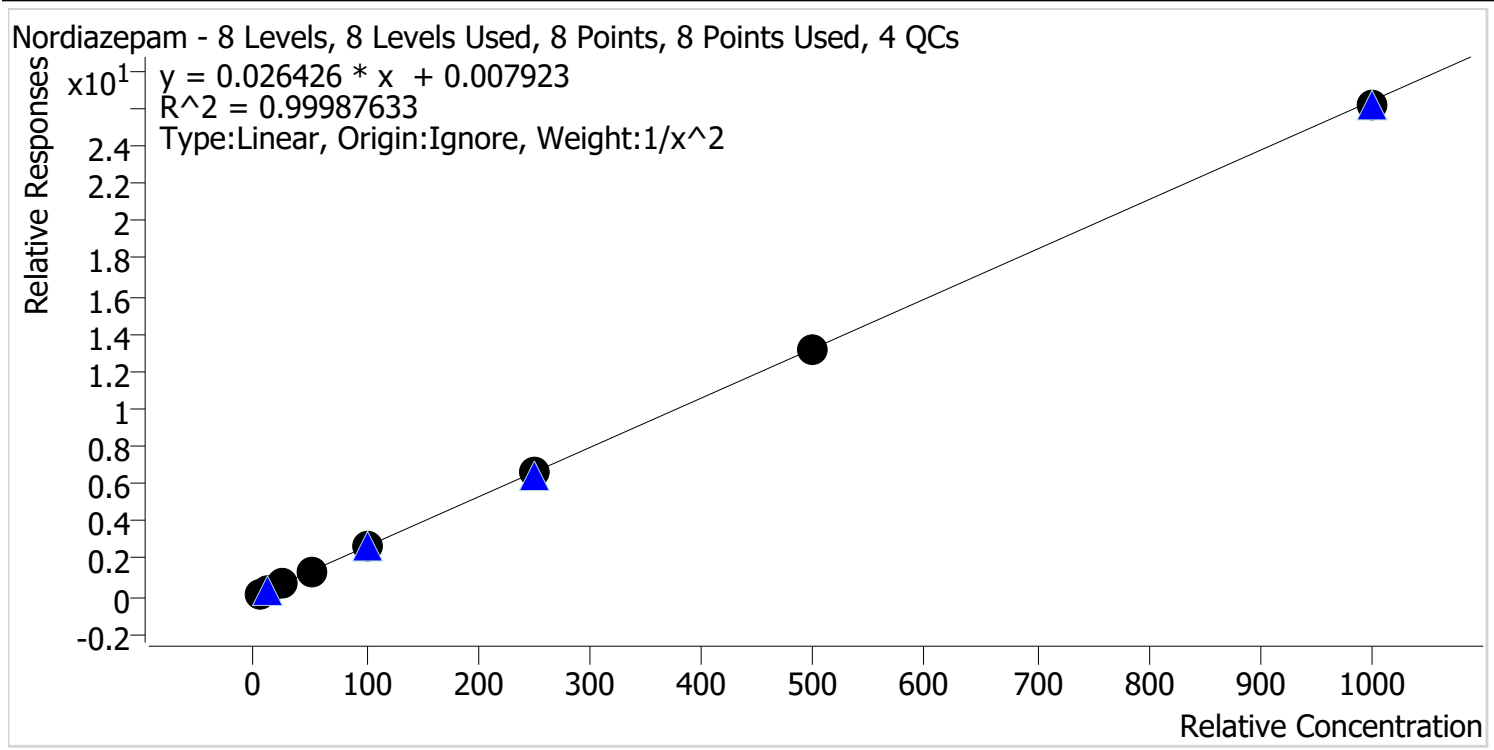
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	x	0.5	0.6	128.5
cal 2 mdq	2	x	1.0	1.1	107.2
cal 3 mdq	3	✓	2.5	2.6	105.9
cal 4 mdq	4	✓	5.0	4.9	99.0
cal 5 mdq	5	✓	10.0	9.9	98.8
cal 6 mdq	6	✓	25.0	23.3	93.2
cal 7 mdq	7	✓	50.0	51.4	102.8
cal 8 mdq	8	✓	100.0	100.3	100.3

dropped cal 1 and 2 due to ratio being out of range on 1 ng control.

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



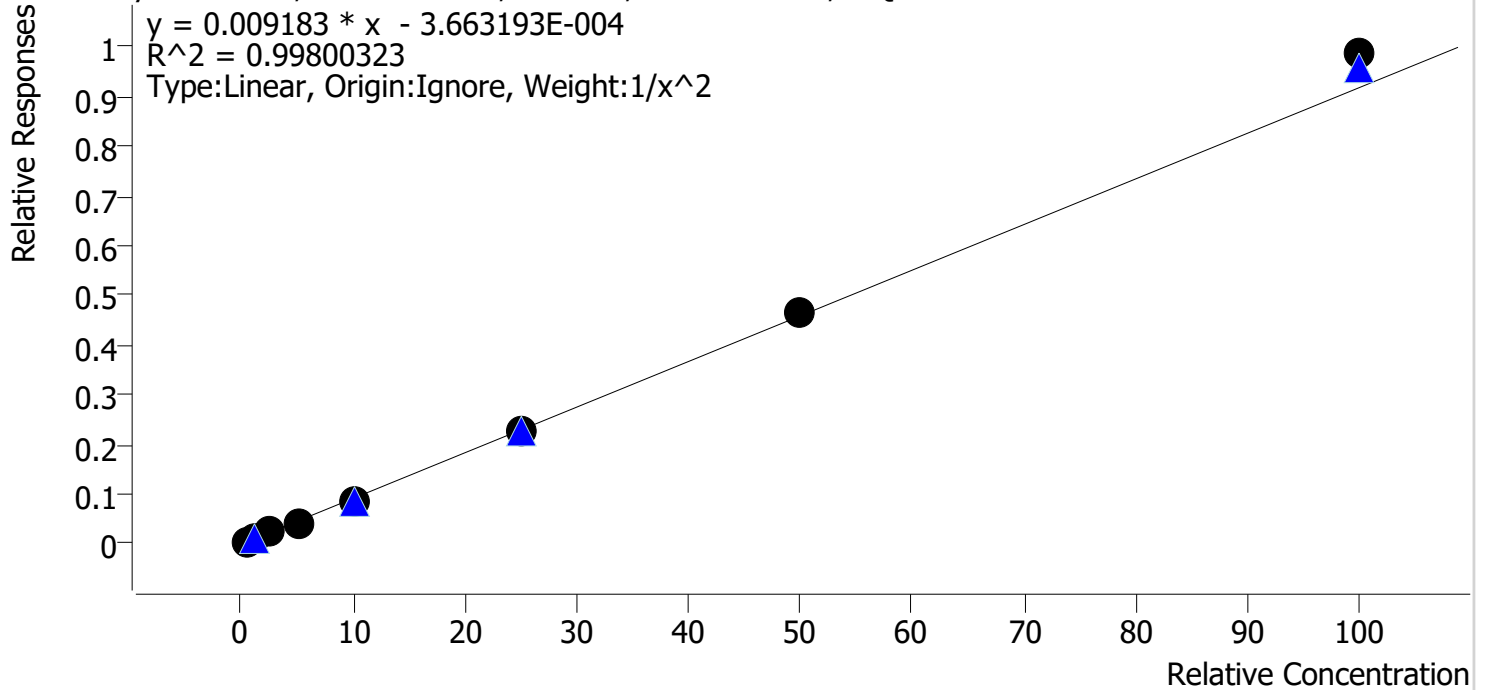
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	25.4	101.6
cal 4 mdq	4	✓	50.0	50.0	100.1
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	499.9	100.0
cal 8 mdq	8	✓	1000.0	990.1	99.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



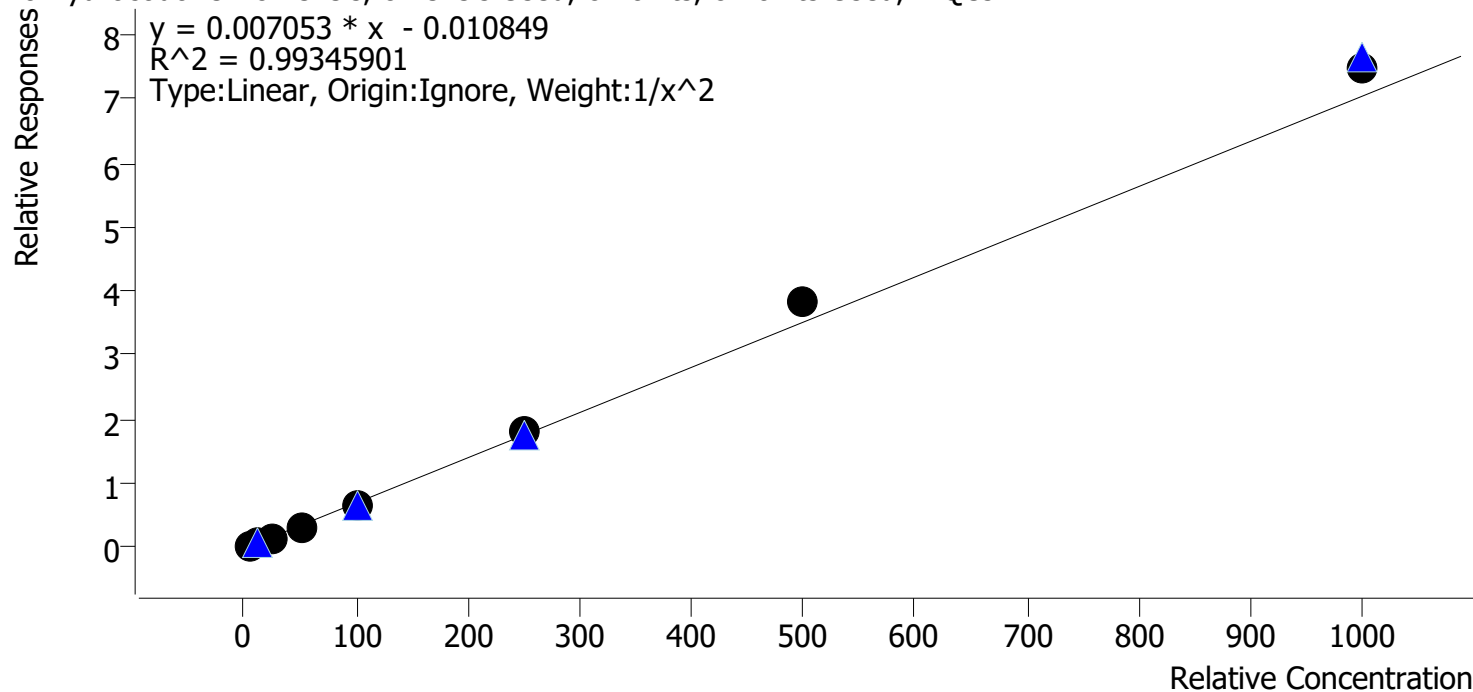
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	0.5	0.5	101.4
cal 2 mdq	2	✓	1.0	1.0	99.0
cal 3 mdq	3	✓	2.5	2.5	98.6
cal 4 mdq	4	✓	5.0	4.7	94.5
cal 5 mdq	5	✓	10.0	9.7	96.8
cal 6 mdq	6	✓	25.0	25.0	99.9
cal 7 mdq	7	✓	50.0	51.1	102.2
cal 8 mdq	8	✓	100.0	107.5	107.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



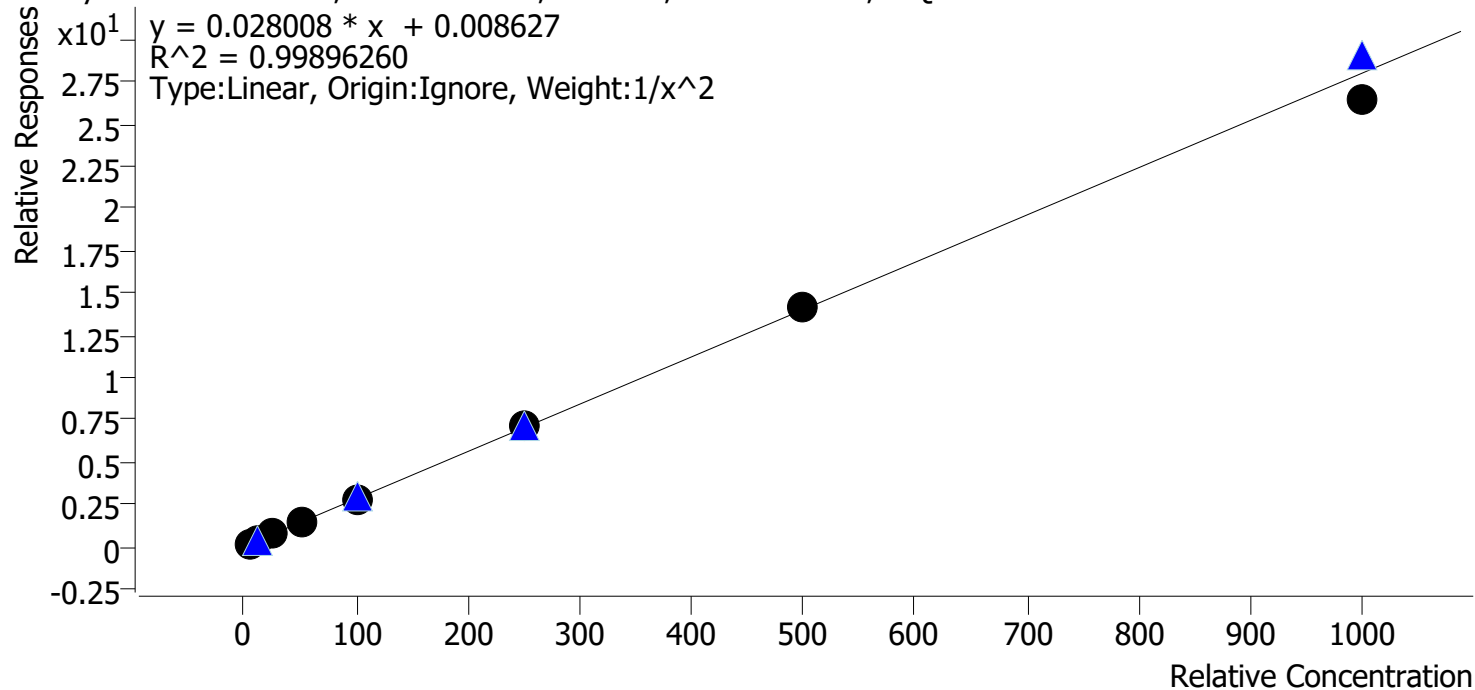
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.3	106.0
cal 2 mdq	2	✓	10.0	9.3	92.8
cal 3 mdq	3	✓	25.0	22.7	90.9
cal 4 mdq	4	✓	50.0	46.7	93.3
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	261.3	104.5
cal 7 mdq	7	✓	500.0	542.9	108.6
cal 8 mdq	8	✓	1000.0	1058.7	105.9

Compound Calibration Report



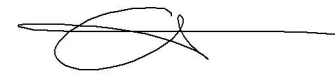
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

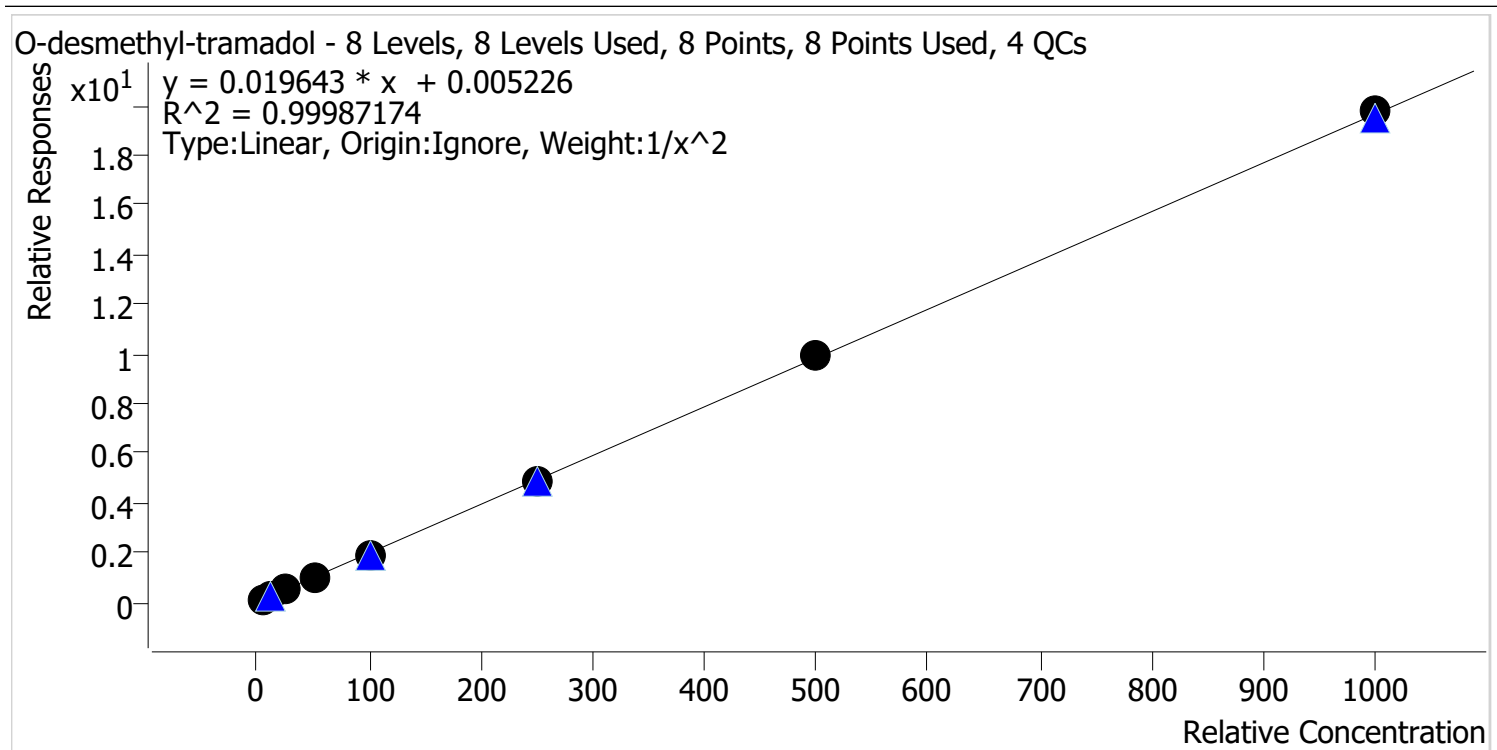


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	256.2	102.5
cal 7 mdq	7	✓	500.0	501.8	100.4
cal 8 mdq	8	✓	1000.0	944.3	94.4

Compound Calibration Report

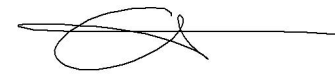


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



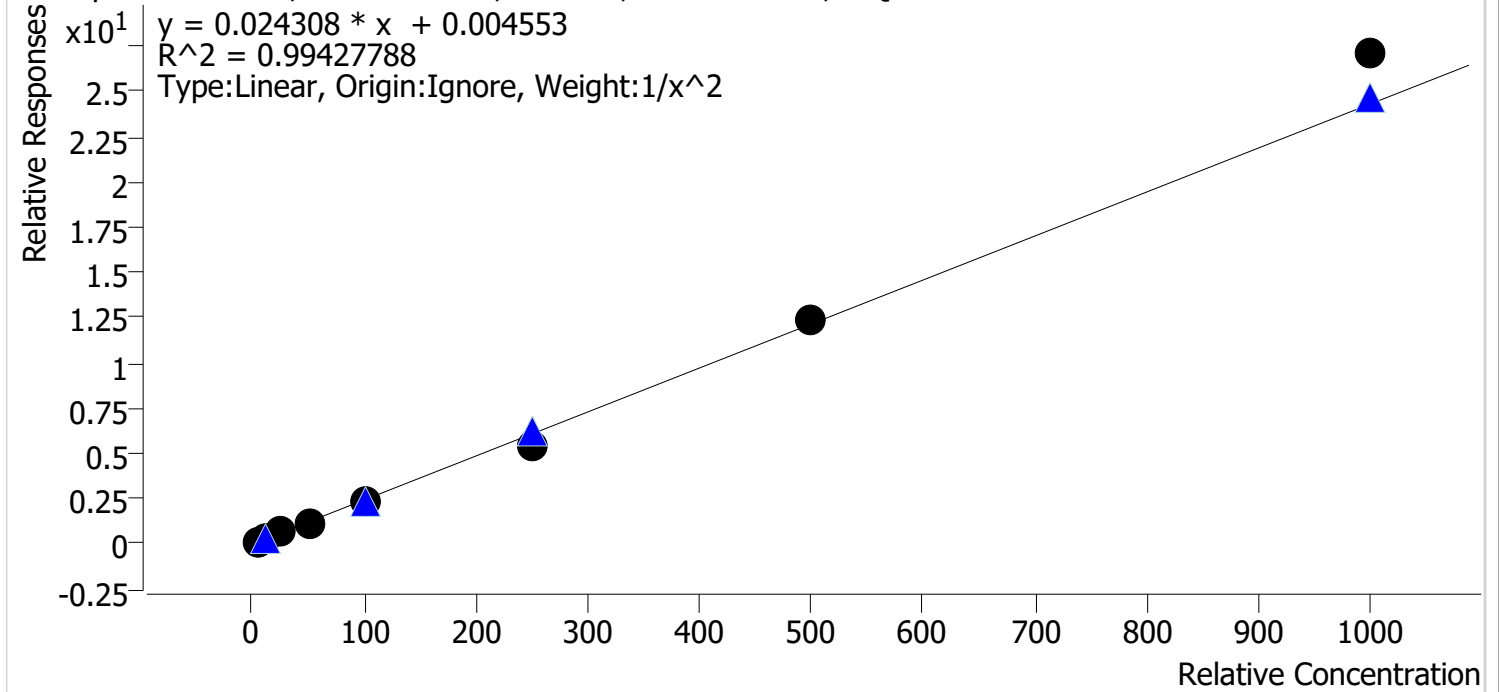
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	50.4	100.7
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	503.2	100.6
cal 8 mdq	8	✓	1000.0	1005.9	100.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



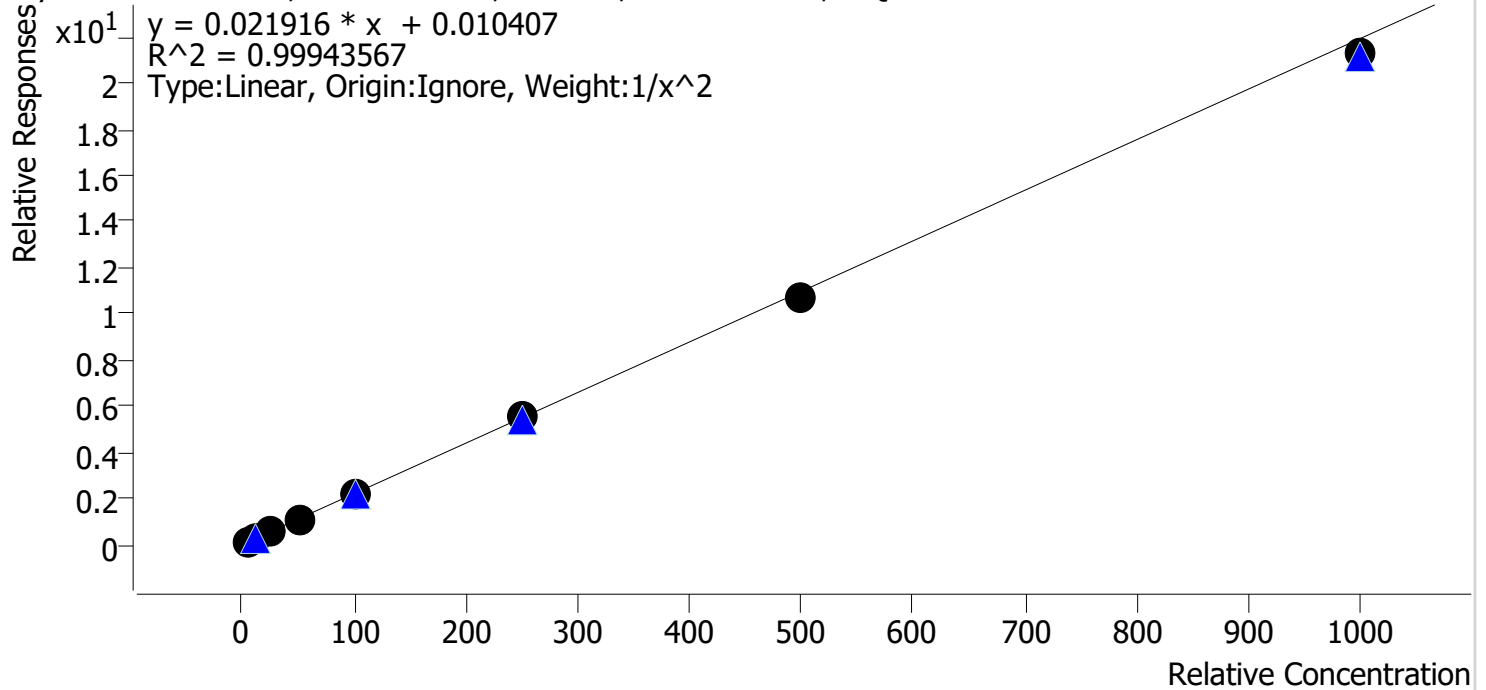
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	9.7	96.6
cal 3 mdq	3	✓	25.0	25.6	102.5
cal 4 mdq	4	✓	50.0	49.6	99.1
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	219.8	87.9
cal 7 mdq	7	✓	500.0	509.7	101.9
cal 8 mdq	8	✓	1000.0	1114.7	111.5

Compound Calibration Report



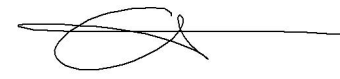
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



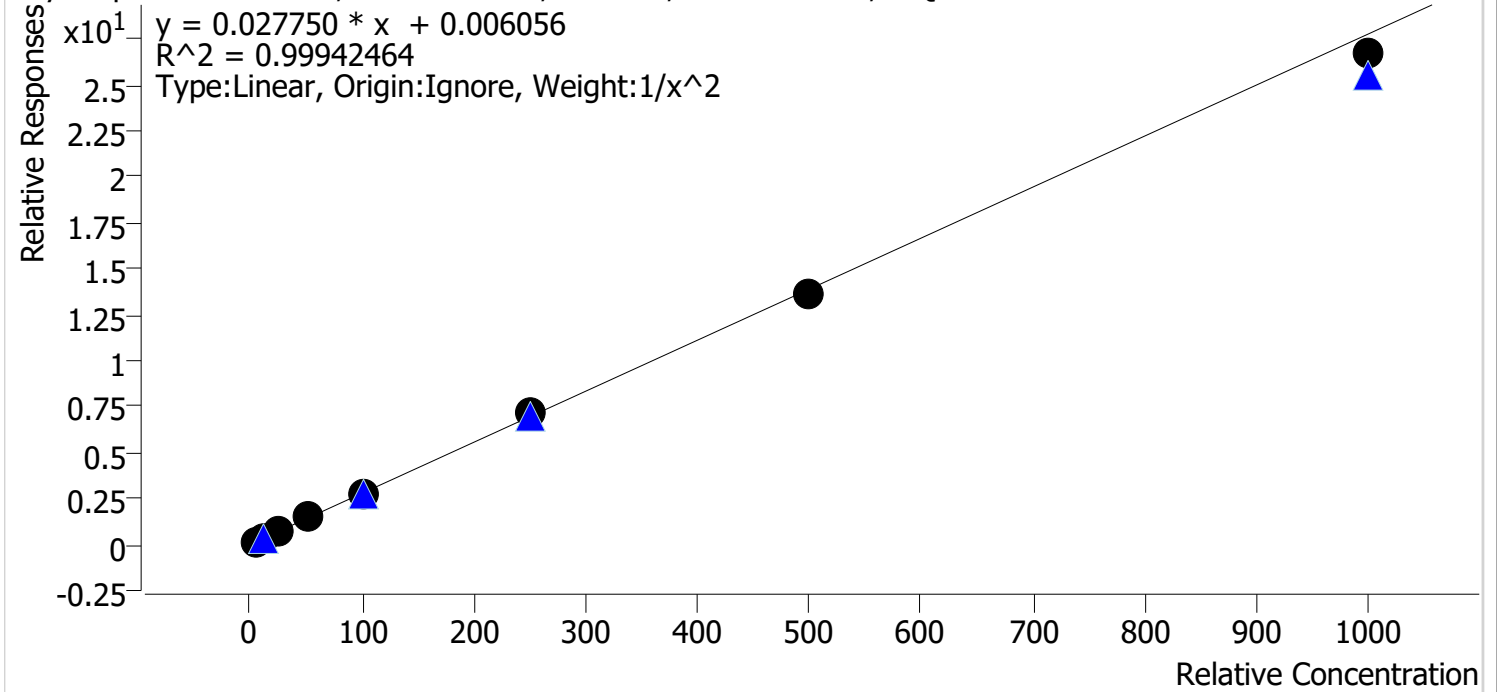
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	25.7	102.8
cal 4 mdq	4	✓	50.0	51.2	102.4
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	249.4	99.8
cal 7 mdq	7	✓	500.0	490.9	98.2
cal 8 mdq	8	✓	1000.0	970.3	97.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



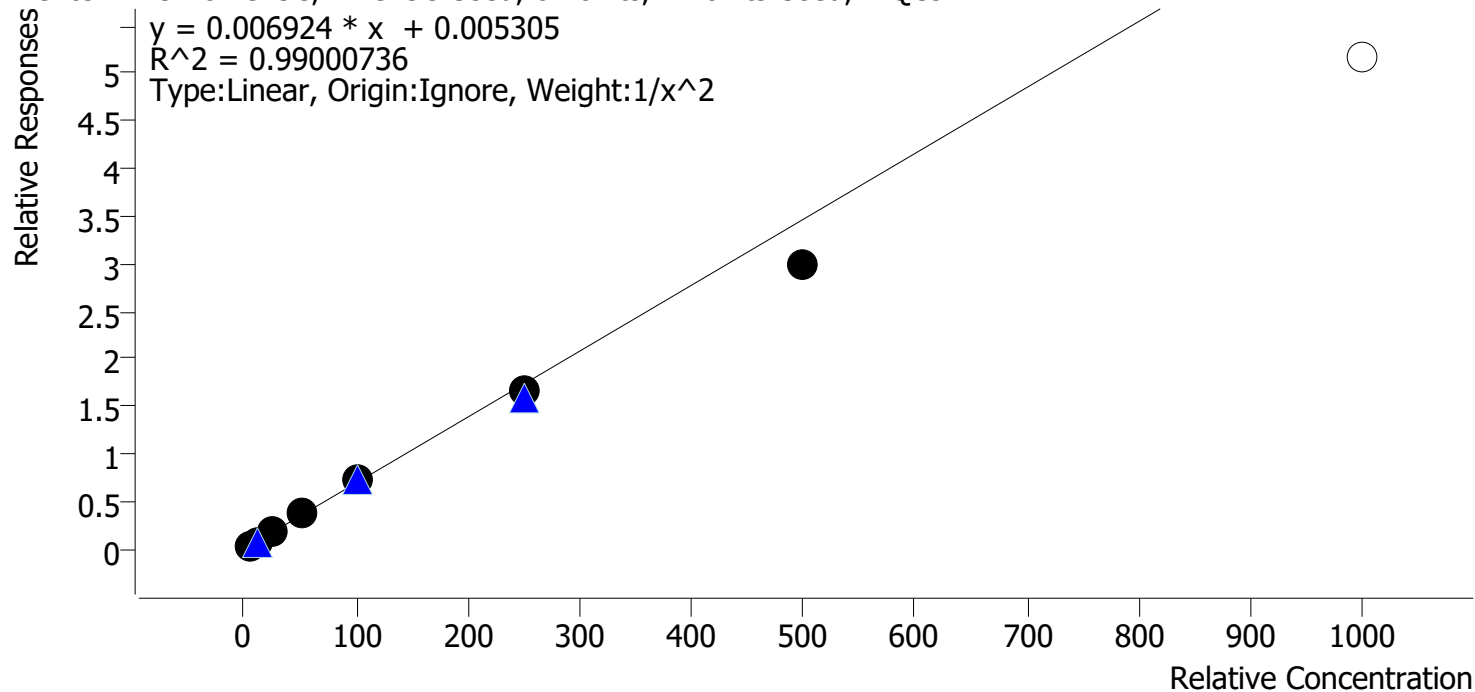
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	51.1	102.2
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	255.1	102.0
cal 7 mdq	7	✓	500.0	490.1	98.0
cal 8 mdq	8	✓	1000.0	961.7	96.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.7	94.5
cal 2 mdq	2	✓	10.0	10.6	106.1
cal 3 mdq	3	✓	25.0	27.3	109.2
cal 4 mdq	4	✓	50.0	53.5	107.0
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	237.5	95.0
cal 7 mdq	7	✓	500.0	429.0	85.8
cal 8 mdq	8	x	1000.0	745.4	74.5

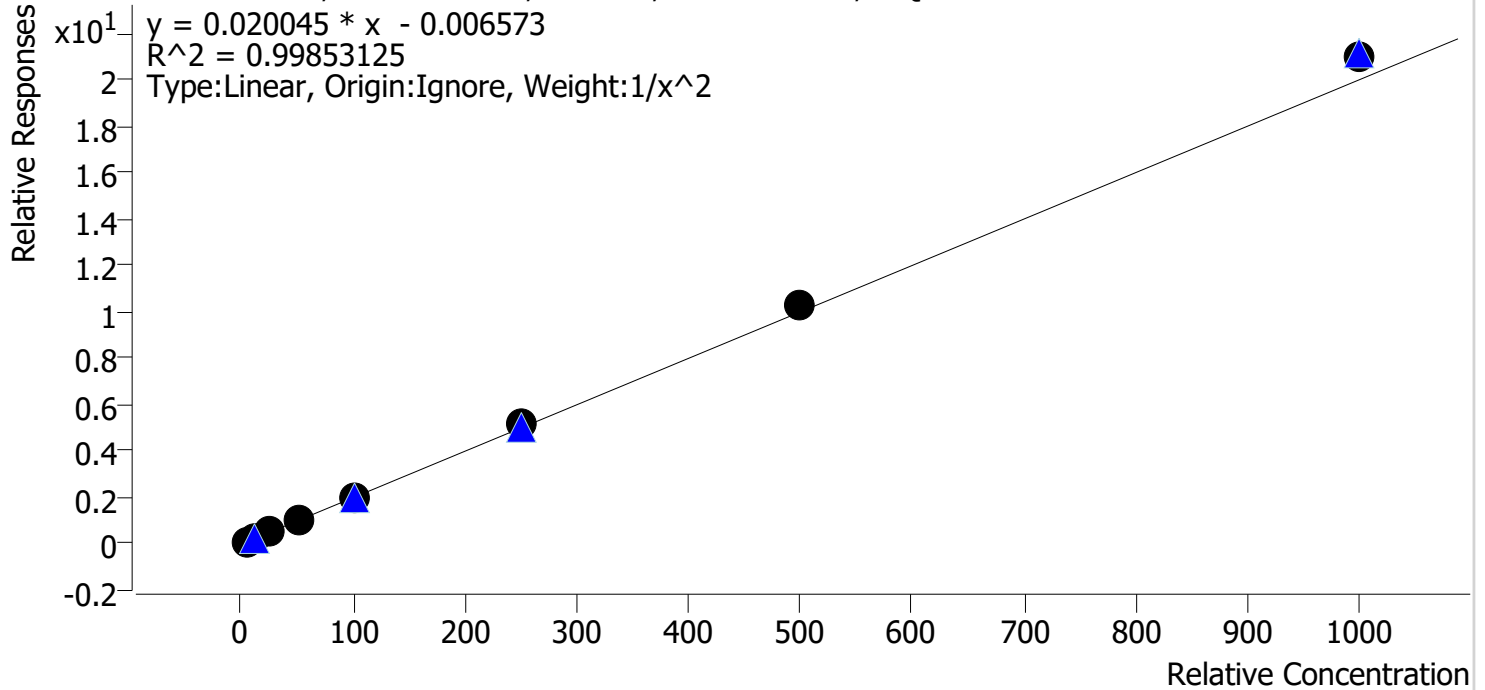
dropped cal 8 due to accuracy

Compound Calibration Report



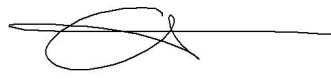
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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

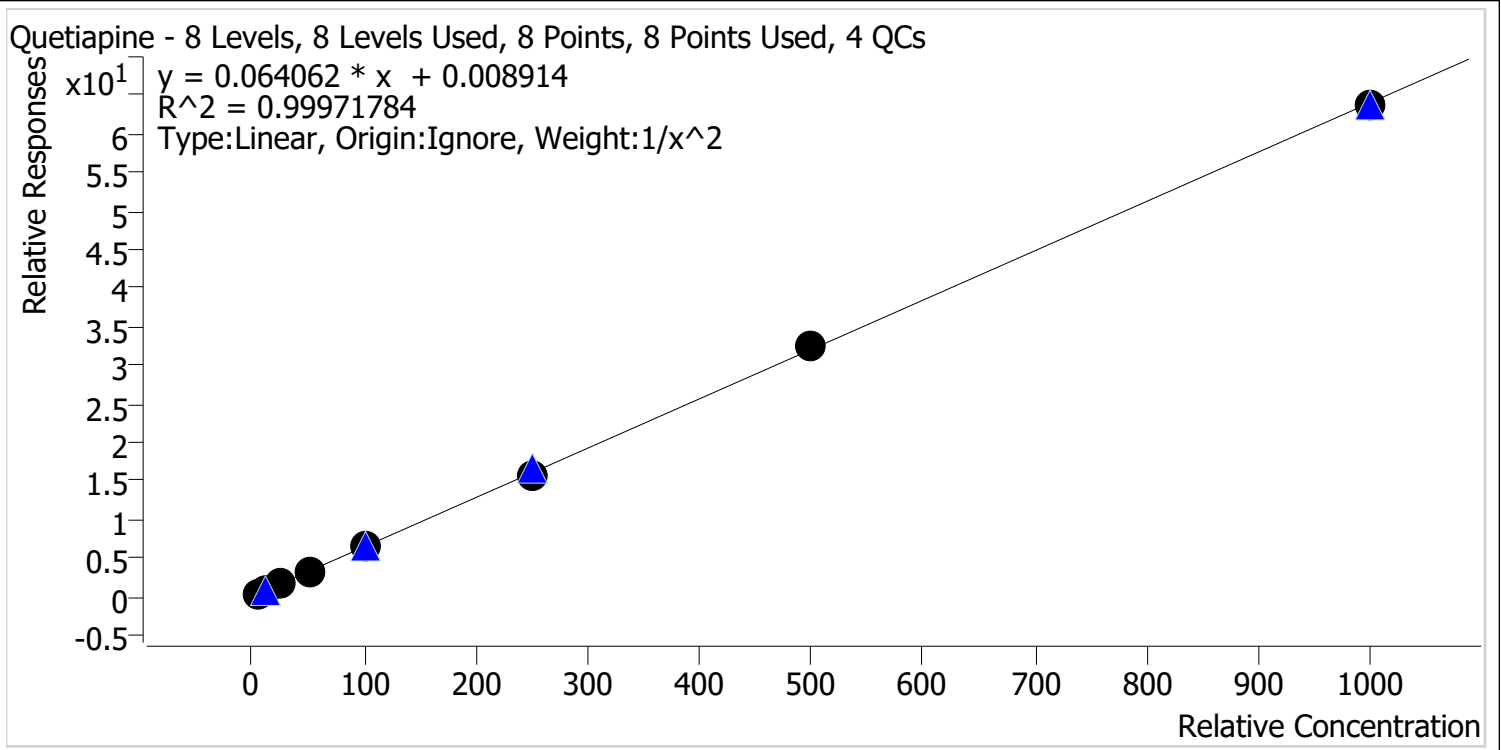


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	47.9	95.8
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	256.8	102.7
cal 7 mdq	7	✓	500.0	512.8	102.6
cal 8 mdq	8	✓	1000.0	1047.0	104.7

Compound Calibration Report

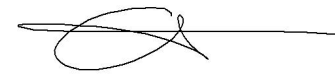


Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



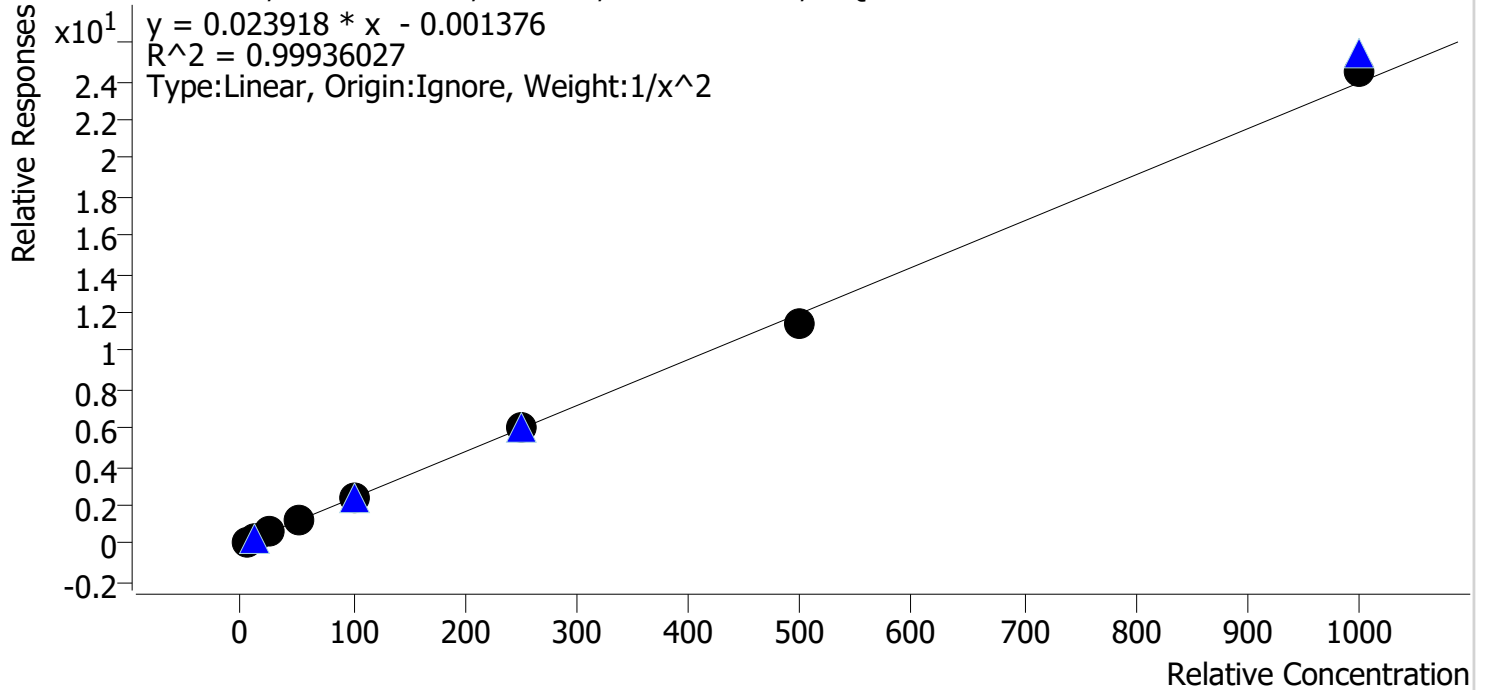
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	25.4	101.4
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	245.6	98.3
cal 7 mdq	7	✓	500.0	506.8	101.4
cal 8 mdq	8	✓	1000.0	994.2	99.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



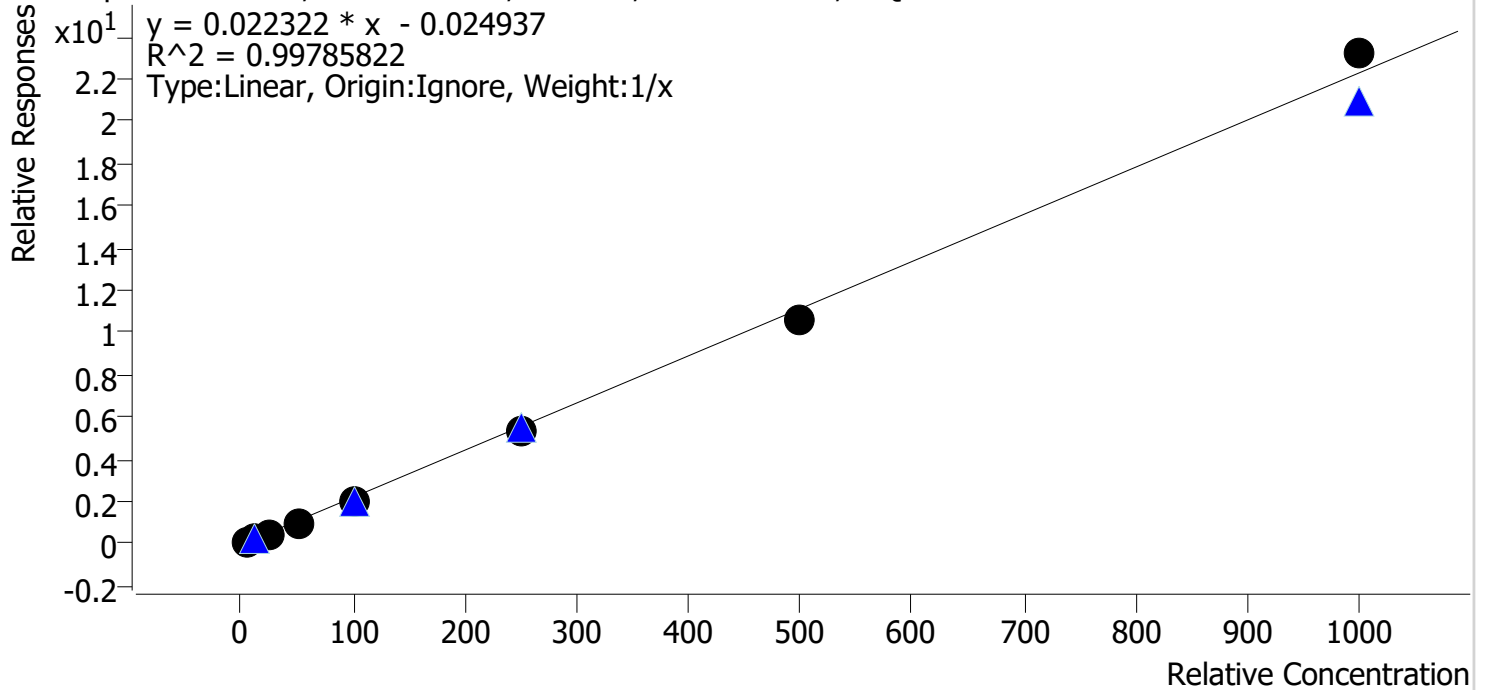
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	477.1	95.4
cal 8 mdq	8	✓	1000.0	1025.4	102.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

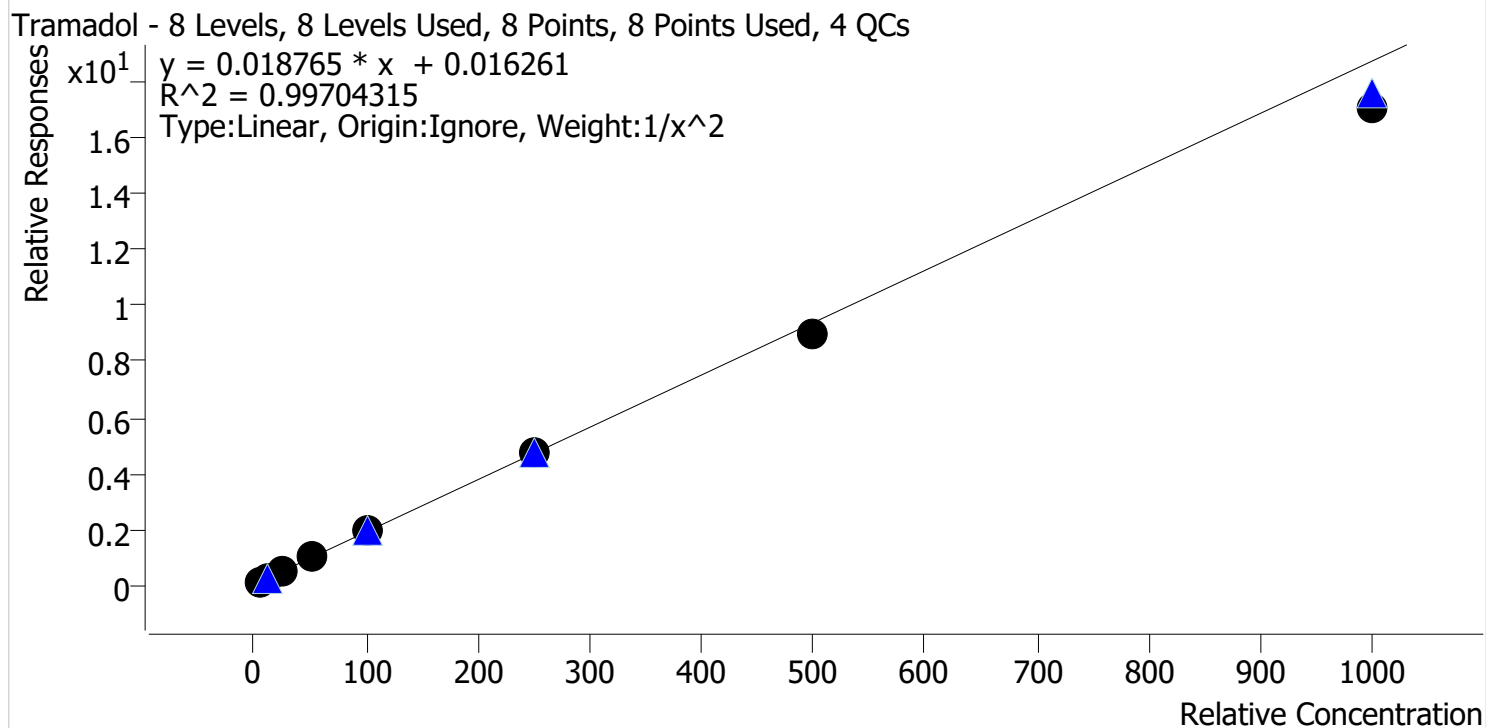


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.8	115.5
cal 2 mdq	2	✓	10.0	10.6	105.7
cal 3 mdq	3	✓	25.0	24.0	95.9
cal 4 mdq	4	✓	50.0	46.5	93.0
cal 5 mdq	5	✓	100.0	94.4	94.4
cal 6 mdq	6	✓	250.0	239.0	95.6
cal 7 mdq	7	✓	500.0	478.9	95.8
cal 8 mdq	8	✓	1000.0	1040.9	104.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

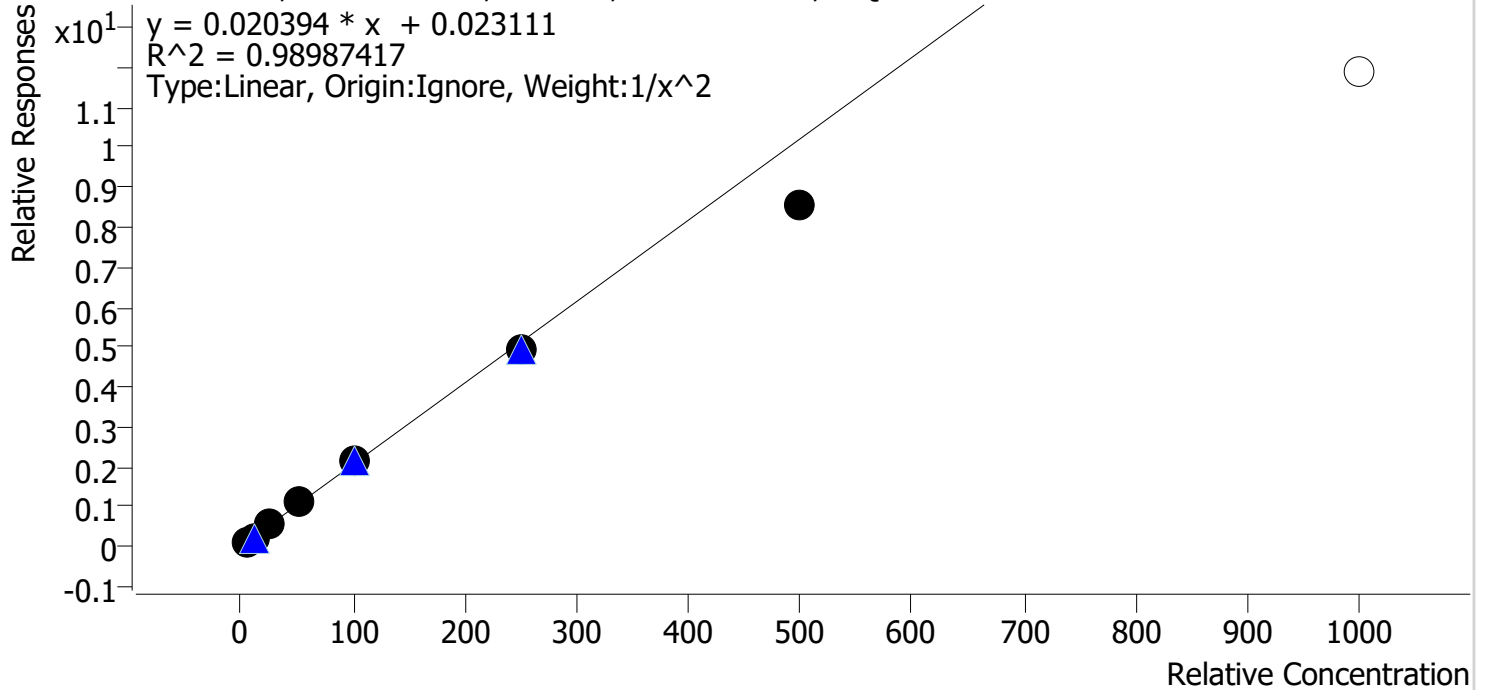


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	25.9	103.5
cal 4 mdq	4	✓	50.0	52.1	104.2
cal 5 mdq	5	✓	100.0	104.4	104.4
cal 6 mdq	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	479.1	95.8
cal 8 mdq	8	✓	1000.0	909.5	90.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

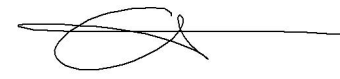
Trazodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.8	95.6
cal 2 mdq	2	✓	10.0	10.4	104.5
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	54.5	109.0
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	242.5	97.0
cal 7 mdq	7	✓	500.0	419.8	84.0
cal 8 mdq	8	✗	1000.0	583.0	58.3

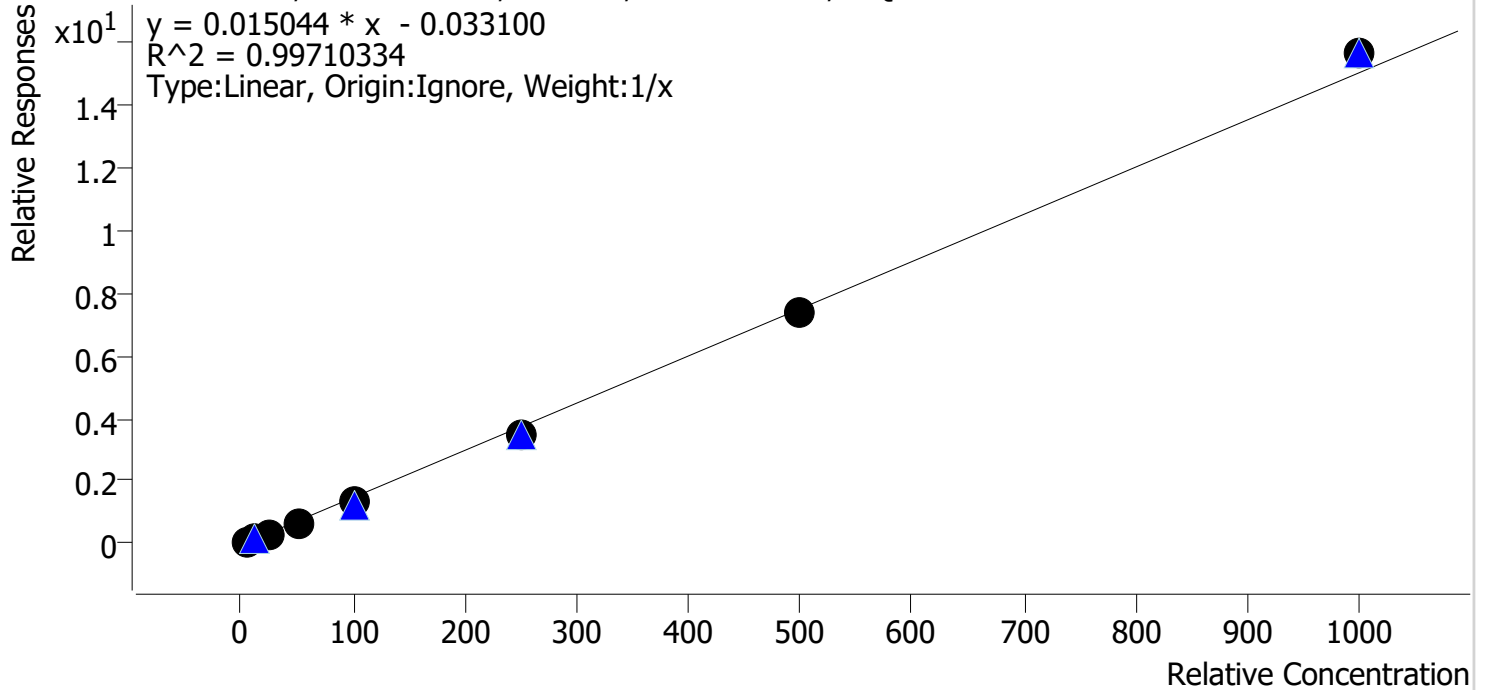
dropped cal 8 due to accuracy

Compound Calibration Report



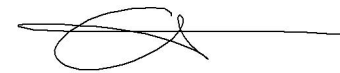
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



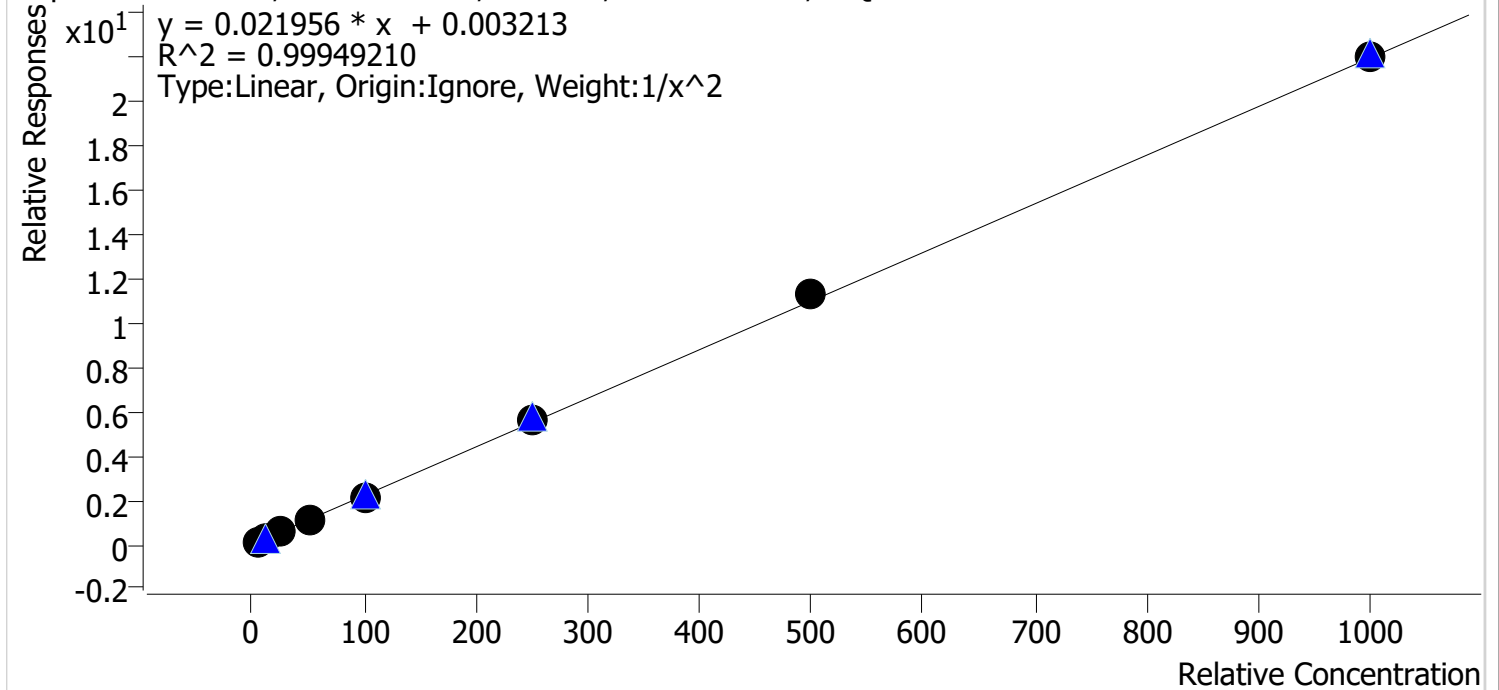
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	6.4	127.2
cal 2 mdq	2	✓	10.0	10.7	106.6
cal 3 mdq	3	✓	25.0	23.0	91.9
cal 4 mdq	4	✓	50.0	44.8	89.7
cal 5 mdq	5	✓	100.0	87.8	87.8
cal 6 mdq	6	✓	250.0	236.7	94.7
cal 7 mdq	7	✓	500.0	490.1	98.0
cal 8 mdq	8	✓	1000.0	1040.6	104.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



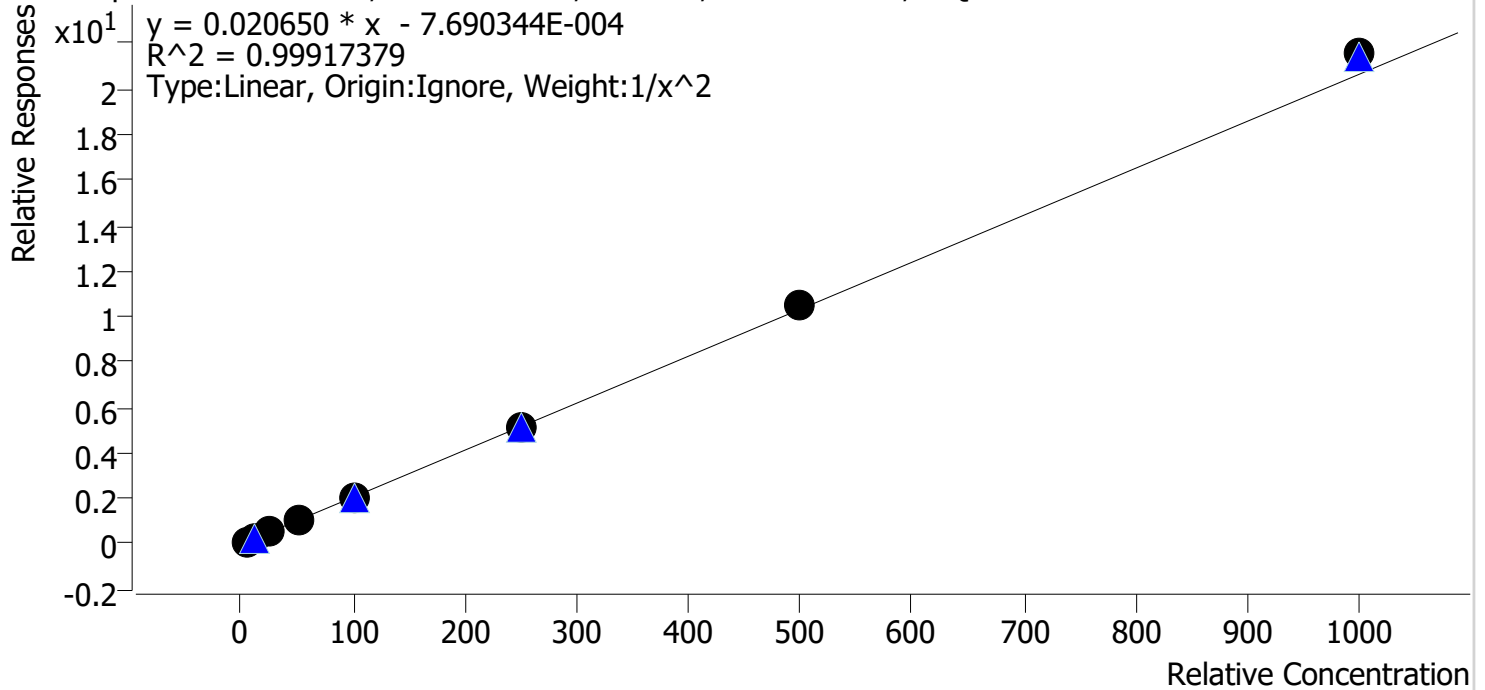
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	25.0	100.1
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	253.3	101.3
cal 7 mdq	7	✓	500.0	517.4	103.5
cal 8 mdq	8	✓	1000.0	1000.3	100.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



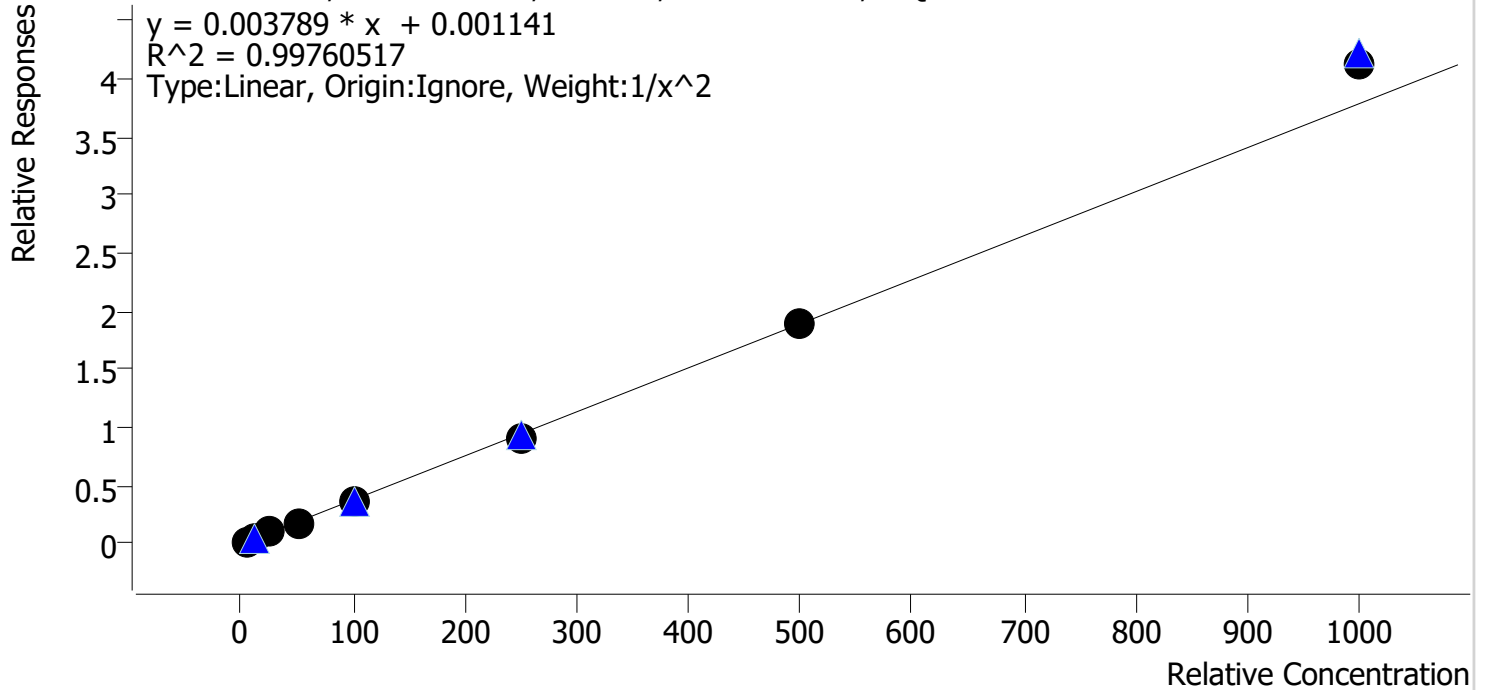
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	97.5	97.5
cal 6 mdq	6	✓	250.0	252.0	100.8
cal 7 mdq	7	✓	500.0	508.6	101.7
cal 8 mdq	8	✓	1000.0	1044.0	104.4

Compound Calibration Report



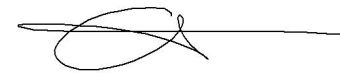
Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Methadone-D9

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



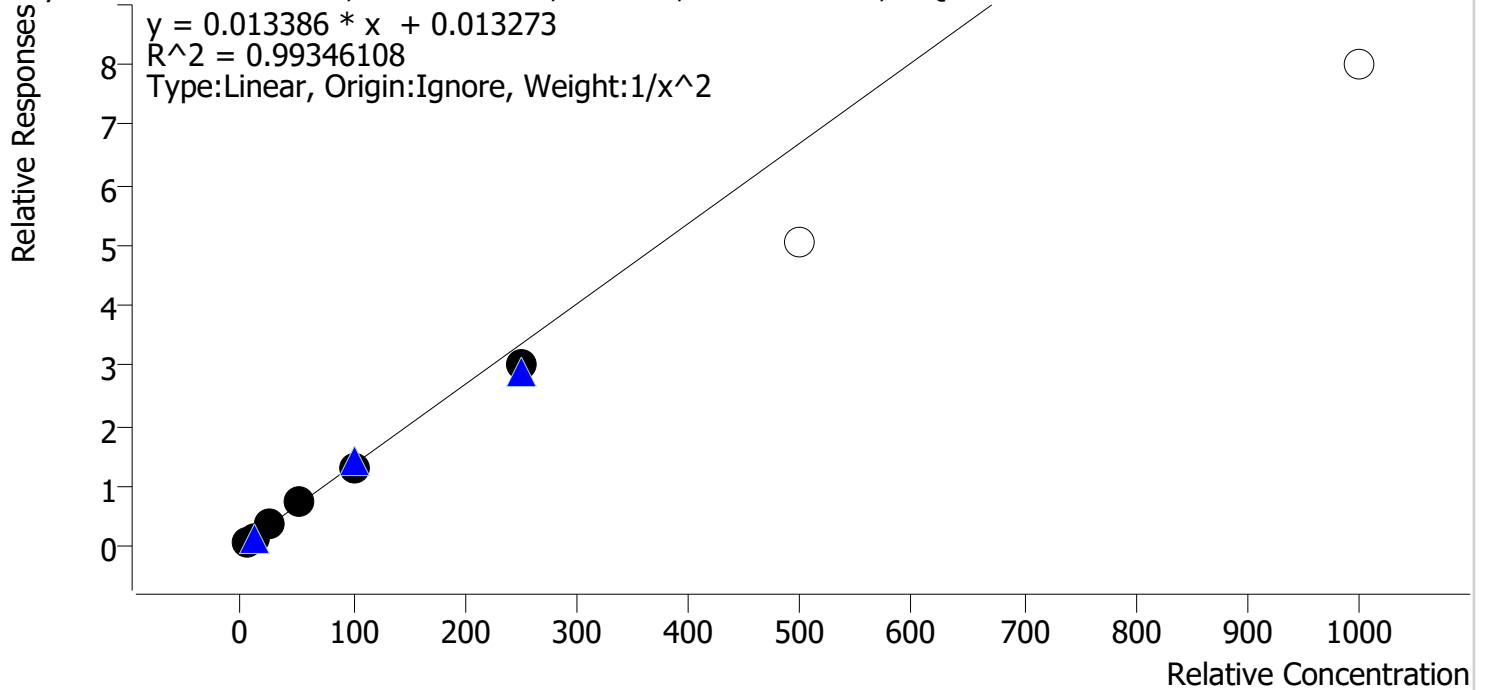
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.4	103.6
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	95.7	95.7
cal 6 mdq	6	✓	250.0	241.2	96.5
cal 7 mdq	7	✓	500.0	497.9	99.6
cal 8 mdq	8	✓	1000.0	1085.8	108.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Last Cal. Update 2/15/2022 9:49 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1r	1	✓	5.0	4.9	97.1
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	26.8	107.2
cal 4 mdq	4	✓	50.0	53.0	106.1
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	223.9	89.6
cal 7 mdq	7	✗	500.0	375.1	75.0
cal 8 mdq	8	✗	1000.0	596.2	59.6

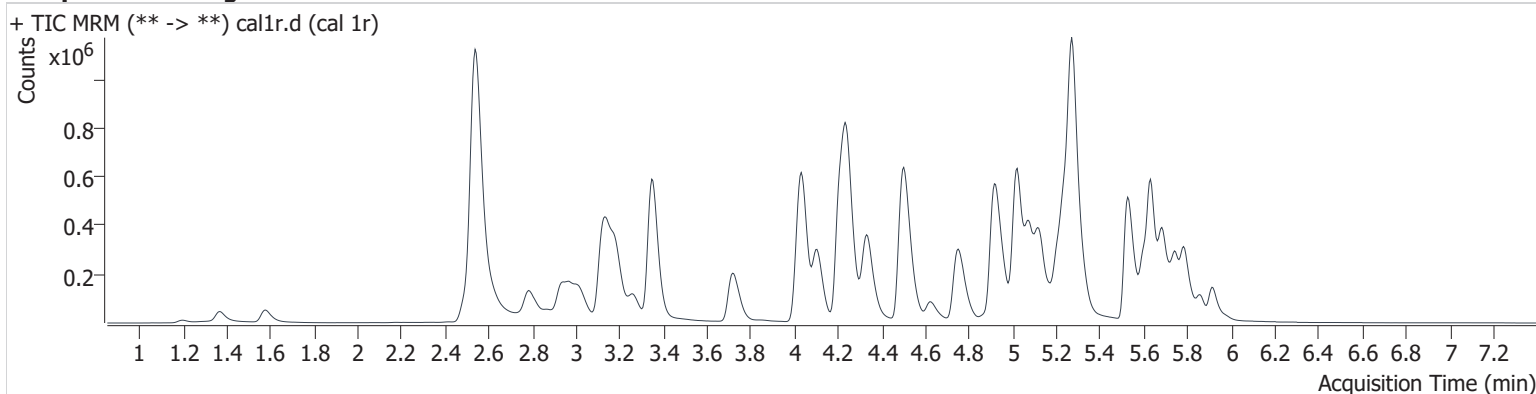
dropped cal 7 and 8 due to accuracy.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument 69679 **Data File** cal1r.d
Type Cal **Sample** cal 1r
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A1 **Comment**
Injection Volume 3
Acq. Date-Time 2/14/2022 12:48:16 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.130	1444	307.9	136.2	∞	90469	0.482 ng/ml
7-aminoclonazepam	4.263	25574	1223.4	67.7	3443.7	187286	5.000 ng/ml
a-hydroxyalprazolam	5.677	4108	8153.5	45.0	1281.3	515420	4.879 ng/ml
alpha-PHP	4.912	82309	276881.7	41.1	107807.9	550085	4.969 ng/ml
alpha-PVP	4.343	114229	238221.0	55.4	8102.9	971349	5.092 ng/ml
Alprazolam	5.751	48134	40323.0	95.2	866.4	342470	4.179 ng/ml
Amphetamine	3.016	66720	2670.6	267.5	4196.8	550085	4.701 ng/ml
Benzoylcegonine	3.866	1727	63.4	50.5	67.5	9856	5.190 ng/ml
Buprenorphine	5.801	4054	2759.5	13.9	651.5	108173	0.596 ng/ml
Bupropion	4.772	99168	293285.9	76.5	4491.1	964699	5.036 ng/ml
Carisoprodol	5.706	22690	62403.2	68.9	276.3	184716	5.082 ng/ml
Citalopram	5.212	82832	1311.1	38.5	592937.0	746202	4.989 ng/ml
Clonazepam	5.599	16897	4594.4	36.4	∞	62960	4.745 ng/ml
Clonazepam	5.540	24602	882131.2	44.1	∞	62960	5.022 ng/ml
Cocaine	4.242	81218	6154.4	52.0	5911.5	1348279	5.031 ng/ml
Codeine	2.562	11008	3882.5	95.4	7951.8	96500	4.838 ng/ml
Cyclobenzaprine	5.606	89173	4137.0	8.1	23722.3	559493	4.966 ng/ml
Dextromethorphan	5.250	61217	8605.2	77.7	2252.9	604571	5.229 ng/ml
Dextrophan	4.109	74994	4933.2	44.1	27221.1	758835	5.042 ng/ml
Diazepam	5.919	33132	4015.8	85.3	5535.7	319286	4.981 ng/ml
Dihydrocodeine	2.531	27957	990.6	58.4	104.8	357360	4.853 ng/ml
Diphenhydramine	5.277	272993	18258.9	31.2	23350.9	2804925	5.093 ng/ml
Doxylamine	4.517	259569	6081.1	72.6	17498.5	1985458	4.986 ng/ml
EDDP	5.239	61842	4028.8	46.1	30217.8	684201	5.013 ng/ml
Etizolam	5.786	23490	54798.5	22.7	6866.9	319286	4.889 ng/ml
Fentanyl	5.087	8279	∞	115.6	8917.6	963354	0.545 ng/ml
Flualprazolam	5.682	20707	∞	97.8	77010.6	342470	4.919 ng/ml
Fluoxetine	5.688	75207	9234.4	6.9	6047.2	489740	5.094 ng/ml
Hydrocodone	3.008	30255	∞	36.5	468.2	343736	4.893 ng/ml
Hydromorphone	1.587	21460	7199792638 4989.1	66.9	∞	148588	4.985 ng/ml
Ketamine	4.038	77133	∞	36.9	703.8	760302	4.925 ng/ml
Lamotrigine	4.285	7679	∞	90.8	54374.5	175334	5.209 ng/ml

AM #28 Multi-Drug Quant. Results

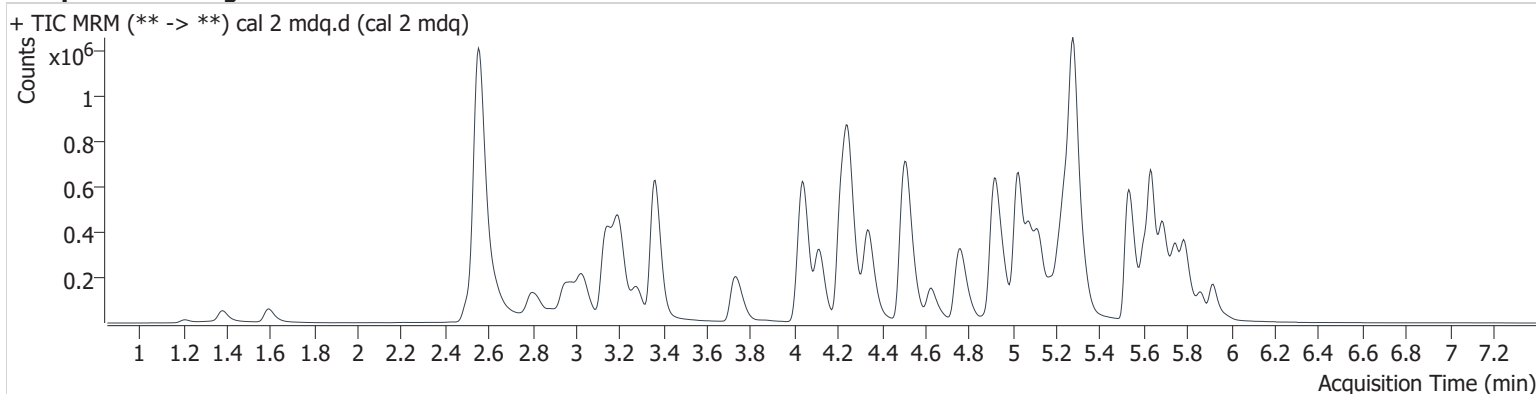
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.620	24832	1885.8	229.5	15567.2	1251669	4.935 ng/ml
Lorazepam	5.724	7042	∞	59.3	534.0	62960	4.524 ng/ml
MDA	3.179	84459	∞	28.2	341.5	514704	4.769 ng/ml
MDMA	3.271	78854	∞	95.9	2512.8	162373	4.985 ng/ml
Meprobamate	4.903	12475	∞	35.9	233.8	184716	4.998 ng/ml
Methadone	5.636	131672	2718.3	59.3	4350.8	1251669	5.039 ng/ml
Methamphetamine	3.190	298118	39817.6	38.9	1299.6	1361431	1.620 ng/ml
Metoprolol	4.305	19243	19809.1	98.7	∞	514704	5.281 ng/ml
Mirtazapine	4.626	162836	21455.9	48.1	209694.3	1251669	5.082 ng/ml
Mitragynine	5.226	25085	22199.7	31.4	10695.3	27926	5.930 ng/ml
Morphine	1.206	3532	1051.4	14.4	1620.1	8336	4.948 ng/ml
Norbuprenorphine	4.982	1177	7845.3	78.0	690.9	27926	0.643 ng/ml
Nordiazepam	5.868	24496	∞	64.5	∞	175334	4.987 ng/ml
Norfentanyl	4.059	5988	1533.0	38.0	6953.1	1395766	0.507 ng/ml
Norhydrocodone	3.044	2490	236.1	29.2	125.5	93869	5.299 ng/ml
Noroxycodone	2.895	20527	∞	50.8	∞	139390	4.950 ng/ml
O-desmethyl-tramadol	3.358	183865	46804.4	6.1	3294.8	1765219	5.037 ng/ml
Oxazepam	5.731	17634	∞	72.4	368.4	137814	5.077 ng/ml
Oxycodone	2.812	60338	∞	29.3	4639.0	509616	4.928 ng/ml
Oxymorphone	1.374	24431	∞	44.4	∞	169558	4.974 ng/ml
Phentermine	3.755	26702	605.0	11.1	252.7	702059	4.727 ng/ml
Promethazine	5.527	109677	6266.0	45.1	1905.7	1150817	5.082 ng/ml
Pseudoephedrine	2.550	407913	∞	24.6	∞	3921048	5.075 ng/ml
Quetiapine	5.545	89636	45975.4	65.1	∞	269931	5.044 ng/ml
Sertraline	5.751	15644	17450.9	98.3	2333.2	133616	4.953 ng/ml
Temazepam	5.793	53582	2030.5	28.6	557.0	515420	5.774 ng/ml
Tramadol	4.223	196544	7881.1	3.7	673.1	1811233	4.916 ng/ml
Trazodone	5.180	119229	2015.5	80.8	6568.6	988338	4.782 ng/ml
Venlafaxine	5.021	126202	14184.2	39.0	1875.3	2016504	6.360 ng/ml
Zolpidem	4.941	202555	7554.0	27.4	146651.9	1781005	5.034 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument 69679 **Data File** cal 2 mdq.d
Type Cal **Sample** cal 2 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-B1 **Comment**
Injection Volume 3
Acq. Date-Time 2/14/2022 9:38:48 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	3307	∞	118.5	13723.1	89553	1.078 ng/ml
7-aminoclonazepam	4.268	53631	8713.5	65.5	34311.3	200833	9.969 ng/ml
a-hydroxyalprazolam	5.677	7648	5968.6	47.1	∞	532634	10.331 ng/ml
alpha-PHP	4.918	154060	6128.4	40.2	5668.7	554695	9.813 ng/ml
alpha-PVP	4.348	219603	544217.4	55.9	15928.2	952808	9.794 ng/ml
Alprazolam	5.751	96127	6032.1	91.0	4140.6	349500	9.279 ng/ml
Amphetamine	3.032	128365	3815.7	260.6	∞	554695	10.745 ng/ml
Benzoylcegonine	3.881	2917	39197.3	62.1	∞	10232	8.868 ng/ml
Buprenorphine	5.795	7737	118041.6	13.9	∞	109865	1.053 ng/ml
Bupropion	4.772	192180	41975.5	75.8	2039.1	935147	9.920 ng/ml
Carisoprodol	5.706	47474	360932.5	63.2	762.0	193270	9.901 ng/ml
Citalopram	5.217	160582	3289.5	36.7	278379.0	713597	10.061 ng/ml
Clonazepam	5.599	37029	81756.9	36.2	17808.5	67056	10.772 ng/ml
Clonazepam	5.540	50381	9313.8	37.8	37719.6	67056	9.847 ng/ml
Cocaine	4.247	151184	689437.4	51.2	∞	1307757	9.863 ng/ml
Codeine	2.578	21971	37537.8	87.9	889.0	96695	10.236 ng/ml
Cyclobenzaprine	5.606	182026	13781.8	8.3	∞	564065	10.049 ng/ml
Dextromethorphan	5.255	122118	177304.4	77.8	20382.4	606196	10.021 ng/ml
Dextrophan	4.120	147020	697296.8	43.3	456162.5	745167	9.984 ng/ml
Diazepam	5.924	66715	44701.9	85.1	2632.1	322048	10.108 ng/ml
Dihydrocodeine	2.541	53632	1621.9	61.2	1509.0	356608	10.244 ng/ml
Diphenhydramine	5.282	530178	1820057.6	31.1	∞	2729335	9.922 ng/ml
Doxylamine	4.522	506348	81662.9	71.5	50126.0	1970325	10.002 ng/ml
EDDP	5.245	124076	7415.4	43.8	125220.1	670416	10.081 ng/ml
Etizolam	5.786	48647	∞	22.6	86197.6	322048	10.392 ng/ml
Fentanyl	5.092	17605	118195.7	108.1	∞	944483	1.081 ng/ml
Flualprazolam	5.682	42267	∞	92.7	∞	349500	10.020 ng/ml
Fluoxetine	5.688	135853	3161882.7	6.7	7670.7	477441	9.718 ng/ml
Hydrocodone	3.018	60814	1974.5	34.3	∞	337890	10.327 ng/ml
Hydromorphone	1.602	42634	∞	73.6	3393.7	144840	10.037 ng/ml
Ketamine	4.043	146911	36315.2	37.4	2050.6	740530	10.112 ng/ml
Lamotrigine	4.295	14687	34874.8	89.9	55494.2	184082	9.383 ng/ml
Levetiracetam	2.635	49339	2742.5	228.9	5446.6	1221301	10.362 ng/ml

AM #28 Multi-Drug Quant. Results

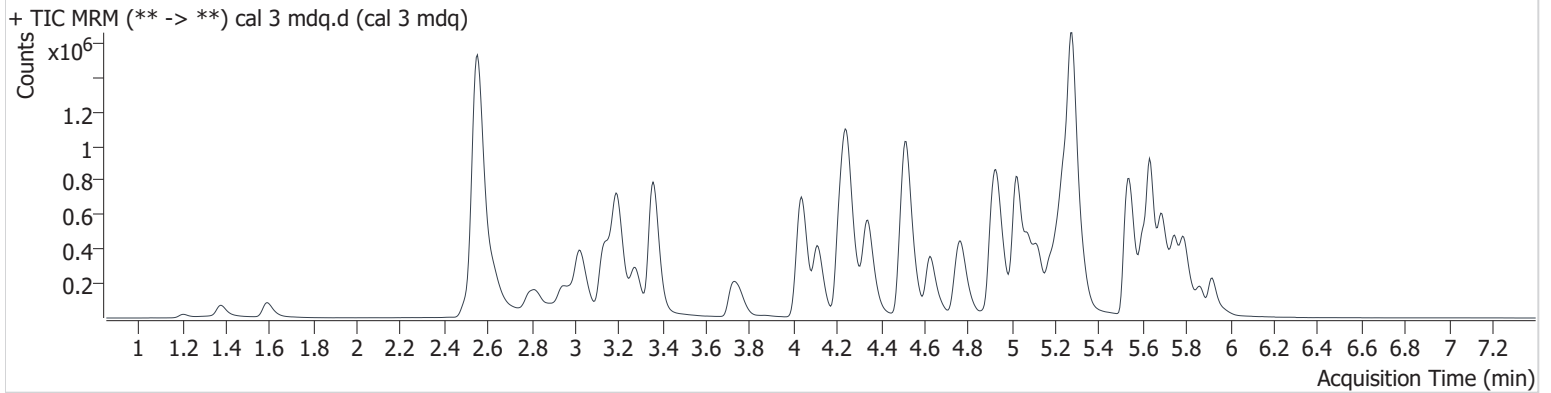
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.729	16691	∞	42.0	562.7	67056	11.540 ng/ml
MDA	3.194	165235	1274048.5	27.9	1421.9	523042	10.374 ng/ml
MDMA	3.281	149002	∞	99.6	∞	159014	9.979 ng/ml
Meprobamate	4.908	26277	1691.6	32.0	387.2	193270	9.981 ng/ml
Methadone	5.636	267237	∞	58.6	4185.3	1221301	10.057 ng/ml
Methamphetamine	3.201	487781	5563.8	39.9	4918.2	1348387	9.700 ng/ml
Metoprolol	4.310	35450	177600.0	103.5	∞	523042	9.035 ng/ml
Mirtazapine	4.626	316530	655131.7	47.9	1017664.8	1221301	9.902 ng/ml
Mitragynine	5.226	48569	57879.4	31.3	48109.4	26498	10.842 ng/ml
Morphine	1.216	6864	7147.3	16.9	398.4	8484	9.985 ng/ml
Norbuprenorphine	4.987	1673	6417.1	101.8	4696.3	26498	1.072 ng/ml
Nordiazepam	5.868	50091	∞	61.2	∞	184082	9.997 ng/ml
Norfentanyl	4.064	12066	998.3	40.1	7985.9	1382608	0.990 ng/ml
Norhydrocodone	3.060	5214	∞	27.3	227.8	95512	9.278 ng/ml
Noroxycodone	2.910	39954	10463.2	50.1	∞	137247	10.086 ng/ml
O-desmethyl-tramadol	3.368	344915	17263.9	6.3	39609.4	1737457	9.840 ng/ml
Oxazepam	5.731	34397	985.5	66.5	1909.3	143761	9.656 ng/ml
Oxycodone	2.827	114933	∞	28.1	∞	494162	10.138 ng/ml
Oxymorphone	1.384	47058	∞	44.2	∞	165976	9.999 ng/ml
Phentermine	3.766	55104	527.2	12.1	6648.7	699531	10.610 ng/ml
Promethazine	5.533	218014	∞	45.6	21648.1	1137192	9.892 ng/ml
Pseudoephedrine	2.565	773063	∞	24.8	10030.5	3819051	9.840 ng/ml
Quetiapine	5.545	169033	518892.6	68.2	236279.4	266540	9.760 ng/ml
Sertraline	5.757	31139	∞	100.3	∞	129321	10.125 ng/ml
Temazepam	5.793	112362	∞	27.6	1160.3	532634	10.568 ng/ml
Tramadol	4.228	363089	41885.7	4.0	696.6	1768413	10.075 ng/ml
Trazodone	5.180	227955	24094.3	82.1	∞	965141	10.448 ng/ml
Venlafaxine	5.026	249647	25537.3	38.0	1772.9	1961238	10.662 ng/ml
Zolpidem	4.936	385533	1736722.8	28.3	46464.6	1743815	9.923 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument 69679 Data File cal 3 mdq.d
Type Cal Sample cal 3 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-C1 Comment
Injection Volume 3
Acq. Date-Time 2/14/2022 9:47:50 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	7782	∞	129.4	∞	89640	2.494 ng/ml
7-aminoclonazepam	4.268	123126	17776.0	66.8	3439.2	184685	25.185 ng/ml
a-hydroxyalprazolam	5.677	16986	∞	54.0	∞	505184	26.770 ng/ml
alpha-PHP	4.912	378777	∞	41.6	∞	544279	25.627 ng/ml
alpha-PVP	4.348	547718	35688.1	54.6	14491.8	952737	24.141 ng/ml
Alprazolam	5.751	225930	12901.7	92.7	∞	326025	25.129 ng/ml
Amphetamine	3.026	292091	4153.8	269.5	∞	544279	27.498 ng/ml
Benzoylcegonine	3.881	7793	28324.0	50.0	315.7	9269	27.479 ng/ml
Buprenorphine	5.795	19024	65290.6	16.0	∞	104836	2.593 ng/ml
Bupropion	4.772	478327	24814.1	75.6	12518.0	924563	24.750 ng/ml
Carisoprodol	5.706	111172	173404.9	63.1	23428.1	181451	24.304 ng/ml
Citalopram	5.217	393172	5617.8	37.1	12070.4	699039	25.073 ng/ml
Clonazepam	5.599	79179	311455.2	33.6	142270.6	62882	25.783 ng/ml
Clonazepam	5.540	118422	545448.1	38.0	95820.0	62882	24.992 ng/ml
Cocaine	4.247	375977	∞	52.2	3657087.7	1291338	25.184 ng/ml
Codeine	2.578	50891	75033.1	92.7	24102.7	87652	27.097 ng/ml
Cyclobenzaprine	5.606	441909	∞	8.4	∞	538238	25.562 ng/ml
Dextromethorphan	5.250	292447	1822293.9	77.8	378256.0	578292	24.573 ng/ml
Dextrorphan	4.114	362240	29678.0	44.2	1135547.3	742937	24.554 ng/ml
Diazepam	5.924	160926	11313.1	86.6	16585.2	316666	25.038 ng/ml
Dihydrocodeine	2.536	129194	691.9	61.0	856.6	347168	26.809 ng/ml
Diphenhydramine	5.282	1292565	42603.5	31.6	358661.5	2741536	23.735 ng/ml
Doxylamine	4.522	1242972	59066.5	72.5	∞	1947504	25.149 ng/ml
EDDP	5.245	327260	∞	42.2	∞	709636	24.858 ng/ml
Etizolam	5.786	115325	∞	23.7	∞	316666	25.527 ng/ml
Fentanyl	5.092	41011	349131.3	114.1	586604.4	939546	2.414 ng/ml
Flualprazolam	5.682	102495	59439.5	96.1	313675.6	326025	26.340 ng/ml
Fluoxetine	5.688	317805	∞	7.3	618769.8	448871	24.669 ng/ml
Hydrocodone	3.013	145054	∞	36.3	1238.4	333116	25.420 ng/ml
Hydromorphone	1.597	108172	∞	74.6	∞	148487	24.664 ng/ml
Ketamine	4.038	361229	20910.3	37.4	16323.6	737561	25.702 ng/ml
Lamotrigine	4.290	35214	5655.6	91.7	64871.5	175178	23.445 ng/ml
Levetiracetam	2.630	117621	9446.6	233.2	10085.2	1227109	24.998 ng/ml

AM #28 Multi-Drug Quant. Results

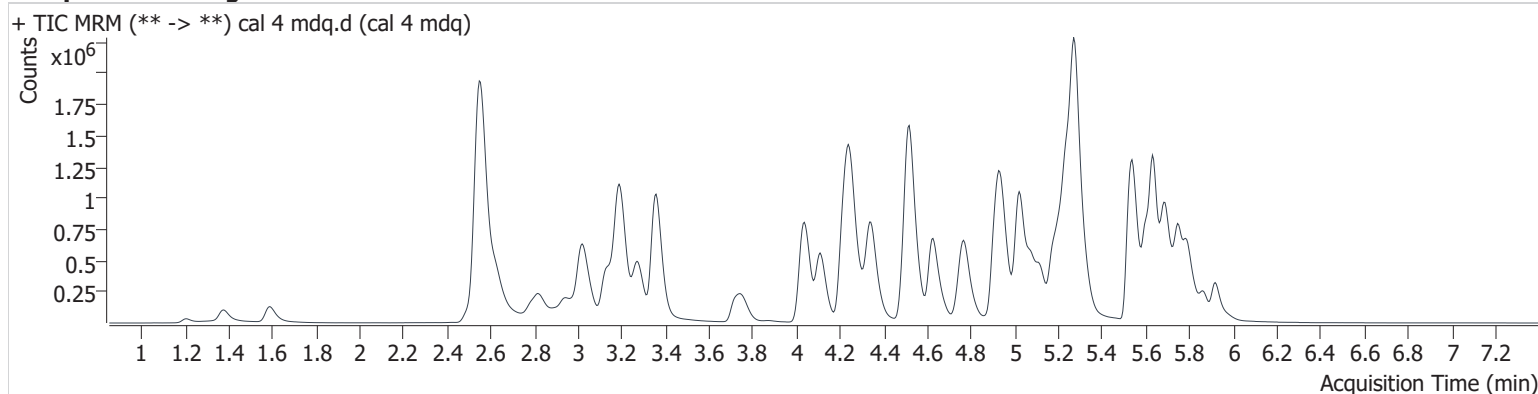
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	35035	∞	47.8	1210.9	62882	27.318 ng/ml
MDA	3.189	377044	26404.7	28.4	18194.3	491214	27.051 ng/ml
MDMA	3.276	367340	53799.1	98.4	22460.5	157849	25.359 ng/ml
Meprobamate	4.903	60890	∞	32.5	3897.9	181451	24.518 ng/ml
Methadone	5.636	660048	374502.4	58.3	39616.4	1227109	24.150 ng/ml
Methamphetamine	3.195	867657	7109.7	39.6	3918.5	1359296	25.351 ng/ml
Metoprolol	4.310	91143	∞	98.5	∞	491214	23.580 ng/ml
Mirtazapine	4.626	786981	447316.2	47.7	313583.3	1227109	24.174 ng/ml
Mitragynine	5.226	117880	96262.0	31.2	489286.9	26380	24.695 ng/ml
Morphine	1.211	16718	122228.9	15.9	8665.8	8451	25.267 ng/ml
Norbuprenorphine	4.987	3698	2451.8	94.0	5531.4	26380	2.647 ng/ml
Nordiazepam	5.868	118982	∞	61.9	136921.0	175178	25.402 ng/ml
Norfentanyl	4.064	29992	5005.2	38.9	∞	1346244	2.466 ng/ml
Norhydrocodone	3.060	14443	1034.8	25.7	893.2	96640	22.727 ng/ml
Noroxycodone	2.905	97080	∞	48.2	∞	134755	25.414 ng/ml
O-desmethyl-tramadol	3.363	858449	120820.3	6.2	67028.2	1725082	25.068 ng/ml
Oxazepam	5.731	77835	2588.5	66.7	3284.3	124105	25.613 ng/ml
Oxycodone	2.827	280091	∞	29.6	∞	488124	25.708 ng/ml
Oxymorphone	1.379	113908	∞	44.1	∞	160696	25.326 ng/ml
Phentermine	3.760	134311	956.0	11.3	1432.6	690938	27.307 ng/ml
Promethazine	5.533	529408	∞	45.0	2177902.9	1105749	24.213 ng/ml
Pseudoephedrine	2.559	1898527	∞	24.4	66372.0	3756943	24.509 ng/ml
Quetiapine	5.545	431239	302411.1	63.7	618804.2	264087	25.351 ng/ml
Sertraline	5.751	66432	96714.8	95.7	17020.8	109886	25.334 ng/ml
Temazepam	5.793	257851	11361.4	28.8	663.0	505184	23.982 ng/ml
Tramadol	4.228	889478	89009.5	3.7	1664.8	1771855	25.885 ng/ml
Trazodone	5.180	553095	∞	81.4	∞	979014	26.569 ng/ml
Venlafaxine	5.026	614396	63385.8	39.1	3040.1	1965289	22.981 ng/ml
Zolpidem	4.936	962709	794280.1	27.4	303239.7	1741392	25.033 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument	69679	Data File	cal 4 mdq.d
Type	Cal	Sample	cal 4 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D1	Comment	
Injection Volume	3		
Acq. Date-Time	2/14/2022 9:56:53 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	14689	∞	133.9	5957.2	85861	4.888 ng/ml
7-aminoclonazepam	4.263	252018	13576.0	70.4	2514.7	191459	49.920 ng/ml
a-hydroxyalprazolam	5.672	25733	1323.5	58.7	757.3	443860	47.551 ng/ml
alpha-PHP	4.912	740793	23729.7	41.3	57607.4	518659	53.321 ng/ml
alpha-PVP	4.348	1066806	1828043.5	54.0	∞	896010	49.790 ng/ml
Alprazolam	5.751	412416	2105.5	92.5	5180.2	294212	52.009 ng/ml
Amphetamine	3.021	523362	327232.7	262.4	115065.0	518659	53.427 ng/ml
Benzoylcegonine	3.876	13243	35782.6	58.4	393.6	8734	50.105 ng/ml
Buprenorphine	5.795	37429	165796.0	15.5	3396.1	117517	4.493 ng/ml
Bupropion	4.772	939876	204352.9	75.3	18171.8	908407	49.351 ng/ml
Carisoprodol	5.706	186772	141221.7	64.1	4538.6	153436	48.030 ng/ml
Citalopram	5.212	756693	8783.7	36.5	118781.1	679099	49.622 ng/ml
Clonazepam	5.599	133810	42047.2	35.8	109594.9	53208	52.446 ng/ml
Clonazepam	5.546	202045	3045.3	40.3	70914.7	53208	50.602 ng/ml
Cocaine	4.247	708633	1056815.2	52.2	590647.9	1234384	49.875 ng/ml
Codeine	2.572	91146	248690.7	95.4	10503.3	82174	52.317 ng/ml
Cyclobenzaprine	5.606	957507	23051.0	7.7	20879.5	594093	50.174 ng/ml
Dextromethorphan	5.250	566714	14692.8	75.4	125819.5	548764	49.777 ng/ml
Dextrophan	4.109	689056	21832.8	44.1	698404.2	717080	48.312 ng/ml
Diazepam	5.924	305631	∞	85.9	∞	304928	49.545 ng/ml
Dihydrocodeine	2.531	245425	2345.6	60.5	6455.2	339360	53.035 ng/ml
Diphenhydramine	5.277	2509389	40824.6	31.0	22117.9	2610780	48.135 ng/ml
Doxylamine	4.522	2458291	216641.9	72.0	113128.6	1941522	50.097 ng/ml
EDDP	5.245	839861	1894037.1	43.5	300537.6	928566	48.585 ng/ml
Etizolam	5.786	214612	8055.4	22.9	265312.1	304928	49.645 ng/ml
Fentanyl	5.092	84349	73731.0	118.6	9197.6	973905	4.704 ng/ml
Flualprazolam	5.682	177841	7137.2	96.7	1507.1	294212	50.814 ng/ml
Fluoxetine	5.688	830923	25576.5	7.0	51964.7	586455	49.694 ng/ml
Hydrocodone	3.008	280586	∞	35.4	∞	320756	51.375 ng/ml
Hydromorphone	1.592	203992	∞	70.4	∞	130732	52.691 ng/ml
Ketamine	4.038	690778	477586.1	37.3	8734.6	710295	51.533 ng/ml
Lamotrigine	4.285	65137	243786.3	90.8	7744.8	155981	48.565 ng/ml
Levetiracetam	2.630	224391	13297.5	226.2	19589.9	1208694	48.698 ng/ml

AM #28 Multi-Drug Quant. Results

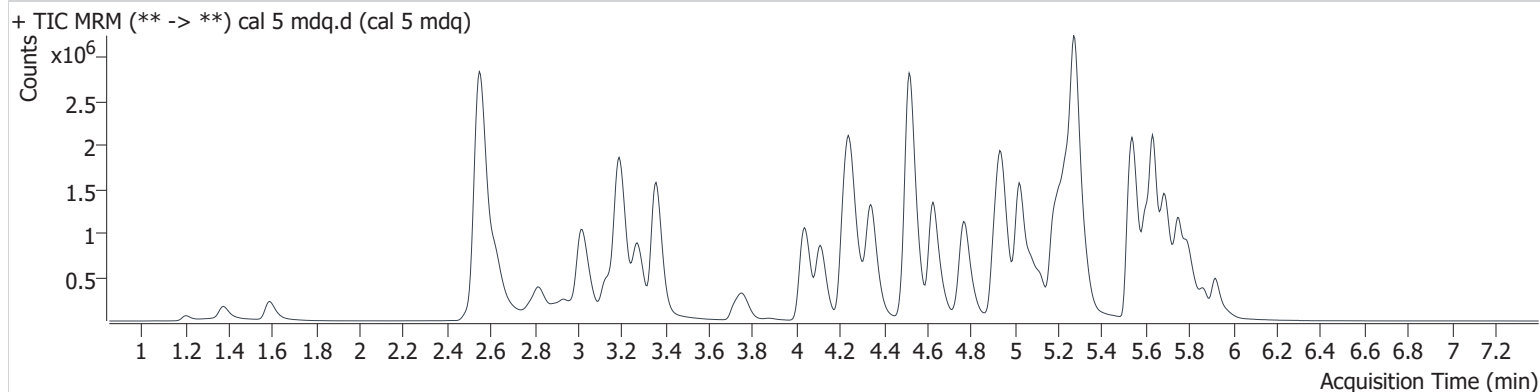
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	55646	∞	43.8	∞	53208	52.329 ng/ml
MDA	3.184	656510	22051.2	28.5	7204.4	431250	54.919 ng/ml
MDMA	3.276	689790	20361.1	97.9	34880.0	149313	50.724 ng/ml
Meprobamate	4.897	108623	174572.0	31.0	2583.2	153436	51.635 ng/ml
Methadone	5.636	1326894	31084.0	58.0	49111.1	1208694	48.879 ng/ml
Methamphetamine	3.195	1508310	28465.3	40.0	32034.4	1305253	54.625 ng/ml
Metoprolol	4.305	169945	∞	98.8	∞	431250	49.333 ng/ml
Mirtazapine	4.626	1548475	89731.5	47.3	276296.0	1208694	48.068 ng/ml
Mitragynine	5.226	237343	118528.2	32.0	167345.4	26725	47.887 ng/ml
Morphine	1.206	33485	7475.4	15.3	2191.3	8018	53.998 ng/ml
Norbuprenorphine	4.987	6755	11261.1	83.2	6074.2	26725	4.949 ng/ml
Nordiazepam	5.873	207500	∞	63.1	∞	155981	50.040 ng/ml
Norfentanyl	4.064	55034	6726.1	38.4	40659.1	1278836	4.726 ng/ml
Norhydrocodone	3.054	29323	2352.6	26.5	541.0	92121	46.668 ng/ml
Noroxycodone	2.905	186019	∞	44.6	∞	128097	51.540 ng/ml
O-desmethyl-tramadol	3.363	1663549	161146.2	6.3	28707.4	1672357	50.375 ng/ml
Oxazepam	5.731	113402	∞	70.1	740.5	93765	49.566 ng/ml
Oxycodone	2.822	543008	∞	29.8	∞	479681	51.178 ng/ml
Oxymorphone	1.379	217746	∞	44.3	∞	152850	51.118 ng/ml
Phentermine	3.760	248274	1919.9	10.7	1942.4	660913	53.485 ng/ml
Promethazine	5.527	1223103	1148739.2	43.5	25782.0	1282693	47.898 ng/ml
Pseudoephedrine	2.554	3489526	129114.2	24.5	467109.6	3464004	48.820 ng/ml
Quetiapine	5.545	807445	1992047.1	66.0	1463489.9	251359	50.005 ng/ml
Sertraline	5.757	280749	473378.1	98.4	∞	232126	50.625 ng/ml
Temazepam	5.793	449818	5905157.5	28.2	18832.2	443860	46.516 ng/ml
Tramadol	4.228	1692530	99887.1	3.6	2844.4	1702950	52.098 ng/ml
Trazodone	5.180	1116390	70061.2	80.3	179239.2	983854	54.507 ng/ml
Venlafaxine	5.026	1216910	235412.6	37.8	∞	1897278	44.836 ng/ml
Zolpidem	4.936	1830710	706449.4	28.2	∞	1707064	48.698 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument 69679 Data File cal 5 mdq.d
Type Cal Sample cal 5 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-E1 Comment
Injection Volume 3
Acq. Date-Time 2/14/2022 10:05:55 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	29182	21040.6	133.1	∞	84417	9.848 ng/ml
7-aminoclonazepam	4.263	423599	15944.0	70.9	19925.2	159871	100.688 ng/ml
a-hydroxyalprazolam	5.666	41799	1505.6	57.4	1300.1	354031	98.830 ng/ml
alpha-PHP	4.912	1450087	∞	41.0	36655.8	506546	107.564 ng/ml
alpha-PVP	4.348	2130135	83122.9	53.9	73572.5	909793	97.725 ng/ml
Alprazolam	5.751	728829	3422.4	91.6	2912.0	254225	107.571 ng/ml
Amphetamine	3.021	924021	29965.1	257.3	41875.3	506546	98.163 ng/ml
Benzoylcegonine	3.876	27832	∞	57.2	1826.6	9517	97.276 ng/ml
Buprenorphine	5.801	69366	∞	16.4	7926.6	109188	8.886 ng/ml
Bupropion	4.772	1939847	1127048.3	73.8	57346.8	927097	99.653 ng/ml
Carisoprodol	5.706	310312	∞	64.1	4491.1	127335	95.894 ng/ml
Citalopram	5.212	1420612	58695.7	38.0	248844.9	641815	98.524 ng/ml
Clonazepam	5.594	202193	151676.9	35.3	56438.8	41055	103.621 ng/ml
Clonazepam	5.540	317496	7203.0	40.7	∞	41055	103.269 ng/ml
Cocaine	4.247	1377207	254361.0	52.2	886666.3	1215643	98.646 ng/ml
Codeine	2.572	161489	∞	94.3	28470.1	75872	100.947 ng/ml
Cyclobenzaprine	5.606	1820161	232902.6	8.2	∞	566171	100.078 ng/ml
Dextromethorphan	5.250	1090305	49240.2	76.6	742371.9	542771	96.460 ng/ml
Dextrophan	4.114	1389911	59092.4	43.6	2568367.9	713869	97.806 ng/ml
Diazepam	5.919	570281	∞	87.1	3465.2	287630	98.168 ng/ml
Dihydrocodeine	2.526	450205	8608.7	60.9	2327.7	341007	97.636 ng/ml
Diphenhydramine	5.277	4900341	∞	31.1	67895.9	2541563	96.313 ng/ml
Doxylamine	4.523	5069659	409597.7	71.9	5513710.5	1978202	101.612 ng/ml
EDDP	5.239	853949	∞	43.9	498511.6	489196	93.604 ng/ml
Etizolam	5.786	402076	2803.6	23.6	15951.9	287630	98.934 ng/ml
Fentanyl	5.092	175505	4909.3	116.3	441745.4	984529	9.591 ng/ml
Flualprazolam	5.682	322212	3408.2	92.5	1805.7	254225	106.744 ng/ml
Fluoxetine	5.688	1447854	240177.2	7.2	61046.3	527376	96.598 ng/ml
Hydrocodone	3.008	554289	∞	35.8	∞	331844	98.377 ng/ml
Hydromorphone	1.592	409160	∞	75.1	∞	140759	98.055 ng/ml
Ketamine	4.038	1381103	188641.0	37.6	9206.7	722685	101.752 ng/ml
Lamotrigine	4.285	122929	14218.2	89.2	635491.8	136088	104.903 ng/ml
Levetiracetam	2.625	438723	36932.1	226.6	98882.9	1206750	95.655 ng/ml

AM #28 Multi-Drug Quant. Results

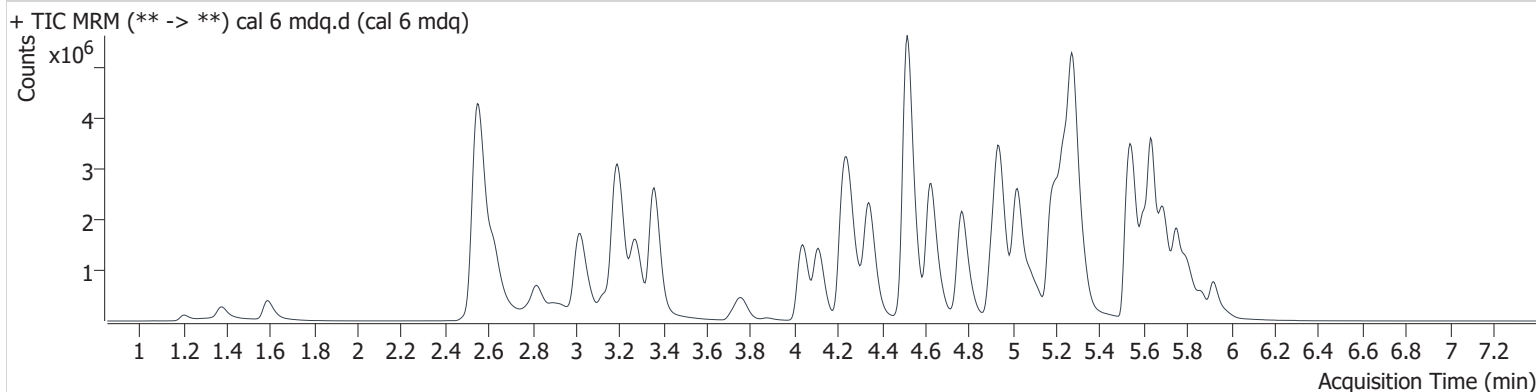
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	76407	∞	47.3	4405.3	41055	94.059 ng/ml
	3.179	1118067	109448.1	27.8	7366.5	373318	109.293 ng/ml
MDMA	3.271	1358516	∞	97.2	91810.1	149890	99.887 ng/ml
Meprobamate	4.903	182415	138724.3	31.0	83139.6	127335	104.406 ng/ml
Methadone	5.636	2606809	255498.8	56.7	∞	1206750	95.802 ng/ml
Methamphetamine	3.195	2842570	15389.0	40.0	70838.3	1339926	109.287 ng/ml
Metoprolol	4.305	320193	∞	98.6	∞	373318	106.591 ng/ml
Mirtazapine	4.626	3131061	196069.0	46.6	77730.1	1206750	97.123 ng/ml
Mitragynine	5.226	432203	168963.3	30.8	71167.2	24848	92.632 ng/ml
Morphine	1.206	65661	5212.8	15.9	20059.9	8281	103.054 ng/ml
Norbuprenorphine	4.982	12272	3825.8	89.2	13916.5	24848	9.880 ng/ml
Nordiazepam	5.868	355768	3490737.8	63.2	25168.8	136088	98.627 ng/ml
Norfentanyl	4.064	108104	3639.9	38.0	∞	1220695	9.684 ng/ml
Norhydrocodone	3.054	68030	3256.8	28.7	1910.3	99952	98.037 ng/ml
Noroxycodone	2.900	357758	∞	47.5	∞	129763	98.129 ng/ml
O-desmethyl-tramadol	3.358	3375594	394441.8	6.3	37902.1	1740115	98.491 ng/ml
Oxazepam	5.731	148972	11502.1	72.6	4559.4	61783	99.006 ng/ml
Oxycodone	2.817	1075680	∞	29.5	∞	488982	99.902 ng/ml
Oxymorphone	1.374	428069	∞	44.7	∞	152729	100.784 ng/ml
Phentermine	3.760	469364	∞	10.9	4837.2	657322	102.356 ng/ml
Promethazine	5.527	2440166	15522948.0	42.2	90263.1	1261609	96.819 ng/ml
Pseudoephedrine	2.554	6740238	∞	24.4	∞	3349432	97.487 ng/ml
Quetiapine	5.545	1560447	∞	65.6	1456800.3	240713	101.054 ng/ml
Sertraline	5.751	513644	∞	98.0	52966323.4	216245	99.368 ng/ml
Temazepam	5.799	737429	∞	28.7	4337.3	354031	94.429 ng/ml
Tramadol	4.228	3350353	442741.5	3.6	3534.5	1695837	104.415 ng/ml
Trazodone	5.180	2191664	∞	81.1	40017.4	1026072	103.603 ng/ml
Venlafaxine	5.026	2439801	498054.5	38.5	24575.3	1894079	87.826 ng/ml
Zolpidem	4.941	3529541	163356.6	28.9	712906.3	1642225	97.741 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument 69679 **Data File** cal 6 mdq.d
Type Cal **Sample** cal 6 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-F1 **Comment**
Injection Volume 3
Acq. Date-Time 2/14/2022 10:14:57 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.130	62541	∞	126.9	∞	68801	25.849 ng/ml
7-aminoclonazepam	4.263	581736	12802.1	74.3	24623.8	87855	251.923 ng/ml
a-hydroxyalprazolam	5.666	61403	1113.9	54.4	627.6	219791	236.477 ng/ml
alpha-PHP	4.907	2935275	∞	40.3	52298.9	412683	268.276 ng/ml
alpha-PVP	4.347	4467280	670207.2	53.4	127077.8	751545	247.805 ng/ml
Alprazolam	5.751	1299269	4218.3	94.1	3025.4	179216	273.784 ng/ml
Amphetamine	3.021	1584859	90896.0	252.4	920635.3	412683	208.824 ng/ml
Benzoylcegonine	3.876	67223	136884.8	53.3	2452.0	9011	249.183 ng/ml
Buprenorphine	5.801	145916	∞	15.2	206854.8	87869	23.105 ng/ml
Bupropion	4.767	4180806	∞	72.2	83356.4	788859	252.186 ng/ml
Carisoprodol	5.706	514846	444780.2	62.4	12357.8	82568	244.953 ng/ml
Citalopram	5.206	2473149	23226.8	39.7	448876.6	441383	249.331 ng/ml
Clonazepam	5.594	288339	∞	34.5	474967.5	23090	264.202 ng/ml
Clonazepam	5.546	457433	9477.2	39.4	1718.9	23090	264.864 ng/ml
Cocaine	4.247	2735331	233094.5	51.0	765152.4	952804	250.319 ng/ml
Codeine	2.572	275864	27776.4	95.6	∞	53675	244.610 ng/ml
Cyclobenzaprine	5.606	3369459	4646322.1	8.3	54208.7	425419	246.551 ng/ml
Dextromethorphan	5.245	1963481	52009.5	75.6	14161.2	374675	251.023 ng/ml
Dextrophan	4.109	2853408	60763.2	43.3	78901.7	566701	252.805 ng/ml
Diazepam	5.919	1121502	3056.2	85.7	6276.5	223652	248.535 ng/ml
Dihydrocodeine	2.526	851823	6263.6	60.3	1822.6	282938	223.917 ng/ml
Diphenhydramine	5.277	9606576	233611.5	29.9	398176.8	1888540	253.698 ng/ml
Doxylamine	4.517	10984043	1087776.3	75.0	267690.4	1680555	259.471 ng/ml
EDDP	5.239	3261890	1033443.6	44.2	474119.7	698034	250.282 ng/ml
Etizolam	5.786	779475	4616.7	23.7	9598.1	223652	247.162 ng/ml
Fentanyl	5.092	384168	∞	116.5	360319.7	862371	23.837 ng/ml
Flualprazolam	5.682	542020	1822.8	95.9	13758.3	179216	254.971 ng/ml
Fluoxetine	5.688	2518519	257507.4	7.1	135306.0	358024	248.025 ng/ml
Hydrocodone	3.008	1141045	∞	36.6	∞	270354	249.046 ng/ml
Hydromorphone	1.587	849857	∞	74.8	∞	117414	243.984 ng/ml
Ketamine	4.038	2846282	182396.7	37.4	17994.5	599088	253.708 ng/ml
Lamotrigine	4.285	211361	33901.7	88.6	1160741.0	90647	270.582 ng/ml
Levetiracetam	2.630	906969	90356.0	227.9	29589.2	991215	241.203 ng/ml

AM #28 Multi-Drug Quant. Results

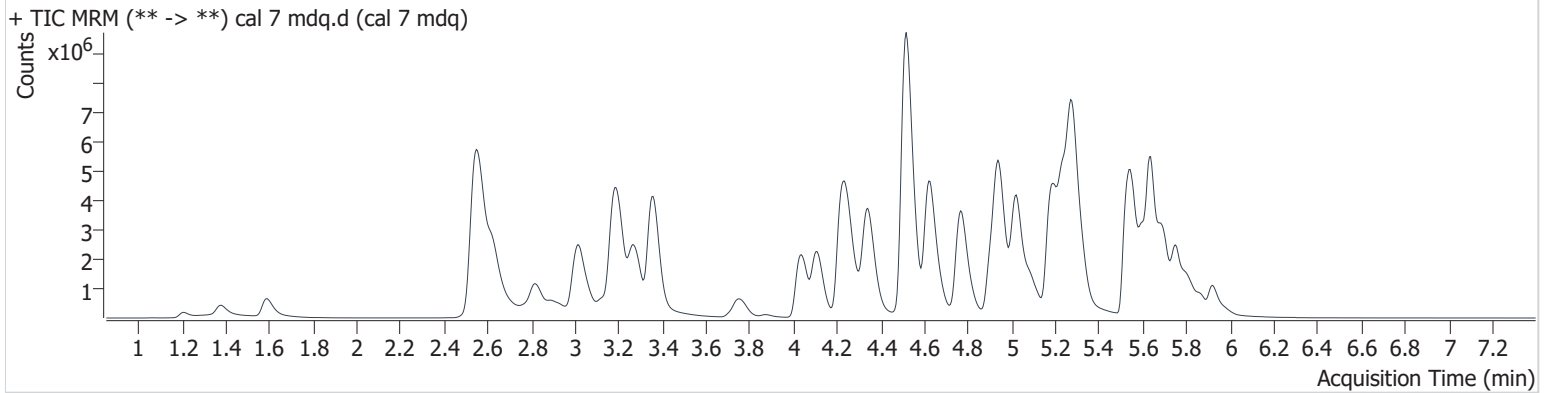
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	105458	∞	46.0	4802474162 339450.0	23090	232.569 ng/ml
MDA	3.173	1635559	138524.9	27.8	23584.0	258867	231.995 ng/ml
MDMA	3.271	2688169	∞	95.6	∞	118895	249.758 ng/ml
Meprobamate	4.892	286416	449562.8	31.8	3054.7	82568	252.698 ng/ml
Methadone	5.636	5589831	222242.2	54.5	∞	991215	249.468 ng/ml
Methamphetamine	3.190	5463488	728741.3	39.5	93013.8	1185783	249.982 ng/ml
Metoprolol	4.305	560786	∞	97.5	∞	258867	268.208 ng/ml
Mirtazapine	4.626	6543075	286280.5	47.5	716310.1	991215	246.750 ng/ml
Mitragynine	5.221	802158	18393.1	33.0	252642.8	19949	212.556 ng/ml
Morphine	1.206	141059	∞	16.0	9574.3	7153	257.163 ng/ml
Norbuprenorphine	4.982	22944	88192.8	90.2	∞	19949	23.299 ng/ml
Nordiazepam	5.873	605532	∞	61.7	52585.7	90647	252.485 ng/ml
Norfentanyl	4.064	212055	72307.1	38.6	257070.2	926348	24.968 ng/ml
Norhydrocodone	3.060	145273	3840.6	31.9	1860.7	79302	261.262 ng/ml
Noroxycodone	2.900	713784	∞	47.2	∞	99358	256.190 ng/ml
O-desmethyl-tramadol	3.362	7159590	435142.1	6.2	72870.0	1454473	250.332 ng/ml
Oxazepam	5.731	151180	12465.2	70.8	4994.0	28274	219.776 ng/ml
Oxycodone	2.817	2250376	∞	29.3	∞	410871	249.441 ng/ml
Oxymorphone	1.374	882316	∞	44.1	∞	124544	255.075 ng/ml
Phentermine	3.760	921897	∞	9.7	6521.9	558758	237.509 ng/ml
Promethazine	5.527	5111538	583641.1	41.2	77360282.5	994415	256.761 ng/ml
Pseudoephedrine	2.557	13098078	∞	23.9	∞	2516940	252.043 ng/ml
Quetiapine	5.545	2999096	6683859.9	65.4	2179417.2	190486	245.629 ng/ml
Sertraline	5.751	893254	∞	97.8	31525.3	149739	249.471 ng/ml
Temazepam	5.799	1166963	47313.7	28.0	6588.7	219791	238.968 ng/ml
Tramadol	4.223	6776341	370083.6	3.5	10689.9	1411337	254.999 ng/ml
Trazodone	5.180	4440827	86278.9	81.7	804785.0	893651	242.535 ng/ml
Venlafaxine	5.021	5412286	220732.5	36.8	114357.8	1534209	236.700 ng/ml
Zolpidem	4.936	7490918	∞	28.2	142011.9	1346195	253.290 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument 69679 Data File cal 7 mdq.d
Type Cal Sample cal 7 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-G1 Comment
Injection Volume 3
Acq. Date-Time 2/14/2022 10:23:58 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.130	106195	∞	131.0	∞	60596	49.807 ng/ml
7-aminoclonazepam	4.258	593071	43342.9	76.2	13927.2	46368	486.809 ng/ml
a-hydroxyalprazolam	5.666	77063	438.2	51.0	864.1	134923	485.479 ng/ml
alpha-PHP	4.907	4815274	86019.4	40.3	45229.4	382290	475.624 ng/ml
alpha-PVP	4.343	8058680	849374.1	52.5	538815.8	655828	512.059 ng/ml
Alprazolam	5.751	1899145	1841.3	92.2	1947.4	130182	552.096 ng/ml
Amphetamine	3.021	2311500	168402.1	252.6	111066.9	382290	329.905 ng/ml
Benzoylcegonine	3.876	132799	∞	55.7	11329.1	8830	503.071 ng/ml
Buprenorphine	5.801	260811	132570.9	15.7	41363.3	76296	47.481 ng/ml
Bupropion	4.767	7804050	1051002.1	70.5	194940.1	733998	505.776 ng/ml
Carisoprodol	5.706	697166	∞	59.8	81954.3	54644	500.931 ng/ml
Citalopram	5.206	3533692	506149.8	40.1	7841649.7	308769	509.204 ng/ml
Clonazepam	5.594	297275	26745.9	33.6	92157.0	13616	462.621 ng/ml
Clonazepam	5.556	476349	4996.0	39.9	8571.0	13616	467.878 ng/ml
Cocaine	4.247	4490857	2623155.5	50.8	110232.0	779764	502.401 ng/ml
Codeine	2.572	408605	40196.3	92.6	11341.7	41694	466.975 ng/ml
Cyclobenzaprine	5.606	5140543	651295.7	8.1	7629.3	328900	486.526 ng/ml
Dextromethorphan	5.245	3001291	∞	74.7	1967354.0	286112	502.085 ng/ml
Dextrophan	4.109	5032770	103337.0	44.1	1087797.2	502400	502.879 ng/ml
Diazepam	5.924	1823186	648483.2	87.1	3488.1	182550	495.169 ng/ml
Dihydrocodeine	2.521	1355689	6851.9	61.4	3952.5	269258	375.140 ng/ml
Diphenhydramine	5.285	15551616	1896571.4	29.5	51302.9	1487475	521.179 ng/ml
Doxylamine	4.517	20320437	824059.8	77.9	4773612.4	1564694	515.771 ng/ml
EDDP	5.239	6083602	253160.0	44.1	83448.2	639773	509.117 ng/ml
Etizolam	5.786	1256425	5482.5	23.9	8068.1	182550	488.425 ng/ml
Fentanyl	5.092	752143	∞	119.0	855604.9	816348	49.207 ng/ml
Flualprazolam	5.682	751748	5349.2	94.7	1644.7	130182	486.994 ng/ml
Fluoxetine	5.693	3432795	627186.8	7.2	∞	238084	508.715 ng/ml
Hydrocodone	3.003	2135715	∞	37.6	∞	254798	494.906 ng/ml
Hydromorphone	1.592	1538156	∞	74.4	∞	107196	483.561 ng/ml
Ketamine	4.038	4987029	238279.1	36.6	87179.7	539464	494.134 ng/ml
Lamotrigine	4.280	286038	48167.0	90.2	56302.8	61308	541.291 ng/ml
Levetiracetam	2.625	1621563	69741.8	225.7	135243.4	859089	497.889 ng/ml

AM #28 Multi-Drug Quant. Results

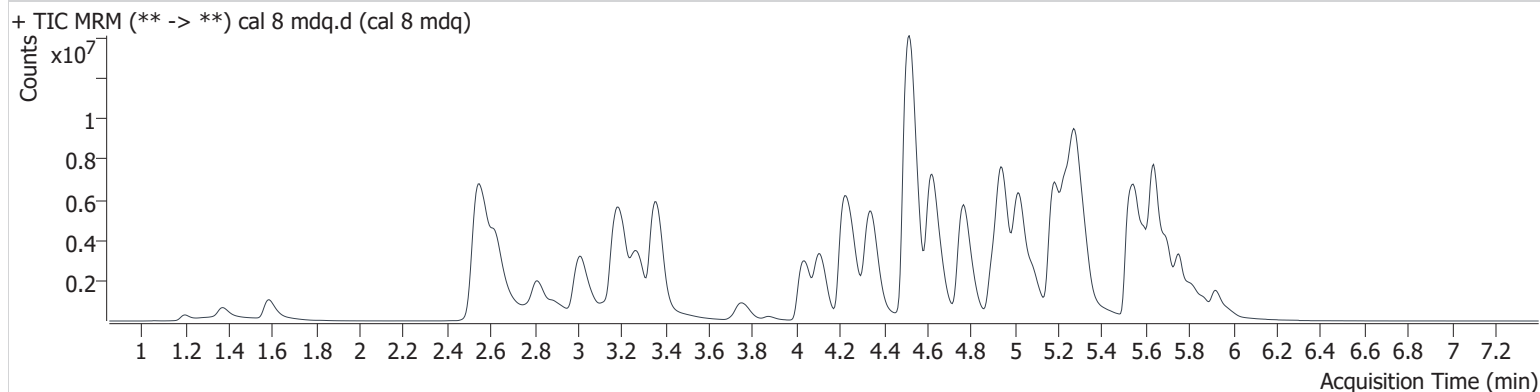
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	124155	∞	47.6	1349.2	13616	465.498 ng/ml
MDA	3.163	2081301	86927.2	27.7	31804.6	189738	403.732 ng/ml
MDMA	3.271	4300884	197248.5	94.8	93764.2	95658	497.049 ng/ml
Meprobamate	4.887	360794	∞	29.5	42625.6	54644	480.918 ng/ml
Methadone	5.636	10011382	30702.0	52.6	4680716.8	859089	515.094 ng/ml
Methamphetamine	3.192	8824531	210758.0	39.1	70167.2	1172038	415.333 ng/ml
Metoprolol	4.305	778415	67114.1	98.7	∞	189738	507.342 ng/ml
Mirtazapine	4.626	11917308	726093.5	46.7	266252.3	859089	518.296 ng/ml
Mitragynine	5.221	1313756	52442.4	33.7	1421489.9	14976	462.280 ng/ml
Morphine	1.211	247297	10443.3	15.9	18670.0	7040	458.564 ng/ml
Norbuprenorphine	4.982	37814	82012.7	93.9	554767.8	14976	51.411 ng/ml
Nordiazepam	5.873	810327	∞	62.7	63624.6	61308	499.858 ng/ml
Norfentanyl	4.064	332909	53412.3	39.6	578200.4	709793	51.115 ng/ml
Norhydrocodone	3.060	250284	10669.1	32.4	1550.2	65552	542.867 ng/ml
Noroxycodone	2.895	1228686	∞	46.6	∞	87362	501.846 ng/ml
O-desmethyl-tramadol	3.360	13109279	559588.0	5.9	1295447.1	1325689	503.157 ng/ml
Oxazepam	5.731	181342	5608.6	72.0	20778.7	14631	509.695 ng/ml
Oxycodone	2.817	4054320	∞	29.4	∞	376508	490.871 ng/ml
Oxymorphone	1.379	1544778	∞	44.2	∞	113544	490.059 ng/ml
Phentermine	3.755	1503823	∞	9.5	10846.9	505285	429.049 ng/ml
Promethazine	5.527	8801681	536863.9	40.2	369030.4	856749	512.838 ng/ml
Pseudoephedrine	2.554	20992514	∞	23.5	∞	1998926	508.598 ng/ml
Quetiapine	5.551	4752817	238275.1	63.7	∞	146337	506.846 ng/ml
Sertraline	5.751	1173457	377325.5	100.9	540487.3	102854	477.066 ng/ml
Temazepam	5.799	1438881	∞	29.2	6109.4	134923	478.864 ng/ml
Tramadol	4.217	11472264	396221.1	3.4	9471.4	1273622	479.150 ng/ml
Trazodone	5.180	7443441	201188.9	79.8	∞	866991	419.847 ng/ml
Venlafaxine	5.021	9833542	182895.3	37.3	80190.0	1339838	490.070 ng/ml
Zolpidem	4.941	13135661	44065336.7	27.5	8008447.7	1155954	517.405 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\021122\QuantResults\mdq.batch.bin
Calibration Last Update 2/15/2022 9:49:48 AM

Instrument 69679 Data File cal 8 mdq.d
Type Cal Sample cal 8 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-H1 Comment
Injection Volume 3
Acq. Date-Time 2/14/2022 10:41:56 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	170076	∞	133.0	88422.8	49920	96.802 ng/ml
7-aminoclonazepam	4.263	528823	4367.9	78.1	14410.5	19948	1009.182 ng/ml
a-hydroxyalprazolam	5.672	91071	399.2	53.8	308.6	72902	1064.094 ng/ml
alpha-PHP	4.902	7157408	161882.5	39.7	76796.5	324484	833.428 ng/ml
alpha-PVP	4.343	13495598	697512.3	51.9	343938.9	536466	1048.124 ng/ml
Alprazolam	5.751	2096247	∞	91.6	4062.8	86683	915.954 ng/ml
Amphetamine	3.021	3048817	172927.6	251.2	175519.2	324484	513.740 ng/ml
Benzoylcegonine	3.871	276602	775615.1	55.7	∞	9273	998.342 ng/ml
Buprenorphine	5.806	438770	520557.5	15.9	129948.9	57556	105.794 ng/ml
Bupropion	4.767	13786892	58106858.7	69.4	187725.0	651199	1006.986 ng/ml
Carisoprodol	5.711	779135	6209728.9	62.4	294746.8	27300	1120.250 ng/ml
Citalopram	5.201	4288551	606954.1	41.6	75065.7	190838	999.819 ng/ml
Clonazepam	5.589	233662	127032.6	33.3	829026.4	5343	927.683 ng/ml
Clonazepam	5.567	387890	∞	40.0	3042.0	5343	971.206 ng/ml
Cocaine	4.242	6410065	426334.0	50.2	427309.9	553691	1010.131 ng/ml
Codeine	2.567	617329	33800.0	92.8	∞	30768	956.675 ng/ml
Cyclobenzaprine	5.601	6916644	337555.7	7.9	35991.4	211924	1015.954 ng/ml
Dextromethorphan	5.245	3946494	100791.9	74.1	∞	188664	1000.833 ng/ml
Dextrophan	4.109	8341433	3913652.2	43.2	134773.6	398821	1049.863 ng/ml
Diazepam	5.924	2866198	∞	85.4	2560.0	137400	1034.426 ng/ml
Dihydrocodeine	2.516	2107413	10203.2	61.7	2502.3	263605	596.244 ng/ml
Diphenhydramine	5.282	22611701	714843.6	29.4	198033.5	1066335	1056.813 ng/ml
Doxylamine	4.517	33591263	789092.9	84.2	1741619.7	1467452	909.269 ng/ml
EDDP	5.239	11731434	2117848.7	42.4	∞	588050	1067.926 ng/ml
Etizolam	5.786	1962967	6425.8	24.0	∞	137400	1014.199 ng/ml
Fentanyl	5.092	1486658	∞	123.0	1337906.2	773002	102.621 ng/ml
Flualprazolam	5.682	907518	5902.8	92.4	2678.8	86683	883.071 ng/ml
Fluoxetine	5.693	4244814	∞	6.8	781196.0	142239	1053.275 ng/ml
Hydrocodone	3.003	3781139	∞	37.5	∞	229139	974.610 ng/ml
Hydromorphone	1.587	2757324	∞	75.1	∞	89743	1035.282 ng/ml
Ketamine	4.033	8013405	5914323.1	36.8	∞	463585	924.395 ng/ml
Lamotrigine	4.280	281792	31131.7	88.2	28698.9	36447	896.901 ng/ml
Levetiracetam	2.625	2849047	68834.8	225.7	433990.8	692357	1085.797 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	166839	∞	47.9	4024.1	5343	1597.130 ng/ml
MDA	3.153	2343607	145760.5	27.8	140118.9	125339	689.105 ng/ml
MDMA	3.271	6617219	354481.1	92.6	217511.1	74348	984.324 ng/ml
Meprobamate	4.882	364384	572489.9	30.4	12645.0	27300	972.121 ng/ml
Methadone	5.636	16561820	1366873.7	51.1	774515.0	692357	1056.914 ng/ml
Methamphetamine	3.188	13083914	756987.1	38.6	∞	1160612	627.224 ng/ml
Metoprolol	4.300	970528	∞	99.2	∞	125339	956.973 ng/ml
Mirtazapine	4.621	19837180	1246521.0	46.5	419399.7	692357	1070.265 ng/ml
Mitragynine	5.216	2086327	98815.2	34.3	523623.0	10135	1083.178 ng/ml
Morphine	1.201	436755	77773.9	15.4	3008.9	6038	944.901 ng/ml
Norbuprenorphine	4.982	49828	95665.1	92.2	51053.4	10135	100.314 ng/ml
Nordiazepam	5.873	953901	∞	63.5	∞	36447	990.079 ng/ml
Norfentanyl	4.064	447312	20455.3	38.5	∞	453442	107.465 ng/ml
Norhydrocodone	3.054	382246	13243.6	33.4	7588.4	51263	1058.731 ng/ml
Noroxycodone	2.889	1935757	∞	46.7	∞	73167	944.305 ng/ml
O-desmethyl-tramadol	3.358	22210786	829409.3	5.9	226997.3	1123821	1005.883 ng/ml
Oxazepam	5.731	224691	8934.4	70.4	7201.8	8291	1114.706 ng/ml
Oxycodone	2.812	7662260	∞	28.8	∞	360149	970.301 ng/ml
Oxymorphone	1.369	2654081	∞	44.0	∞	99434	961.658 ng/ml
Phentermine	3.755	2437313	11101.2	8.7	13681.7	471759	745.361 ng/ml
Promethazine	5.522	14284569	∞	38.3	367474.4	680863	1046.970 ng/ml
Pseudoephedrine	2.550	29962214	∞	23.4	∞	1389774	1044.049 ng/ml
Quetiapine	5.551	6581448	∞	61.6	3480144.6	103319	994.216 ng/ml
Sertraline	5.757	1166159	∞	96.7	2078168.7	47551	1025.427 ng/ml
Temazepam	5.799	1692097	71828.7	29.1	4830.1	72902	1040.899 ng/ml
Tramadol	4.212	17055478	298168.0	3.3	54334.2	998428	909.454 ng/ml
Trazodone	5.175	10835172	∞	79.7	480954.8	909531	583.012 ng/ml
Venlafaxine	5.021	17103018	410705.7	36.4	118317.2	1094887	1040.565 ng/ml
Zolpidem	4.941	21604968	1229709.0	28.1	990080.1	983526	1000.338 ng/ml