

REVIEWED

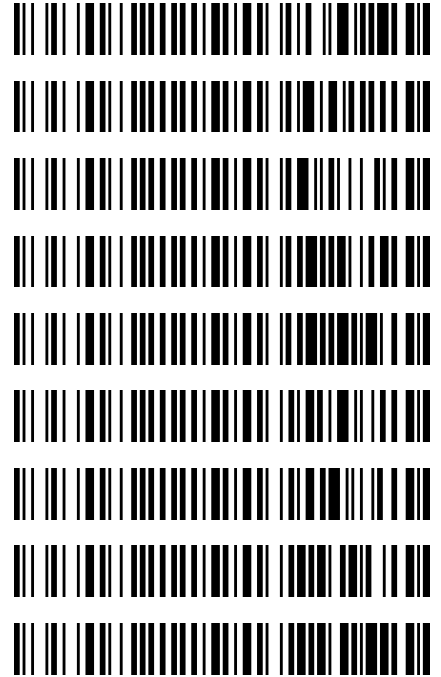
By Anne Nord at 8:39 am, Jun 23, 2021

6/21/2021

Byylee

Worklist: 5058

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2021-1190	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1243	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1269	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1291	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1295	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1306	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1312	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1333	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-1334	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

BWylie

Extraction Date 6/17/2020

Analyst: Britany Wylie

Plate lot#: 210610

Plate Expiration: 12/10/2021

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: 21D52496

Urine Blank lot: 2121

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. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134** 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** 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. 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: Blood batch only; alpha-hydroxyalprazolam- evaluated qualitatively due to use of surrogate IS. Norbuprenorphine, meprobamate and trazodone- Not evaluated.

Curve limitations: 5-250: amphetamine, methamphetamine (qual only), mitragynine

5-500: dihydrocodeine, lamotrigine, Levetiracetam, MDA, metoprolol

10-1000: phentermine

am 28
6/17/21 extraction

Buylee

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	1291		IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	1295		IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	1306		IS + Cal. 3	IS + QC_3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	1312		IS + Cal. 4	IS + QC_4					IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	qc2	1333		IS + Cal. 5	QC2					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	neg	1334		IS + Cal. 6						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	1243	1190		IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	1269			IS + Cal. 8						IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

Case #: C2021-____-__

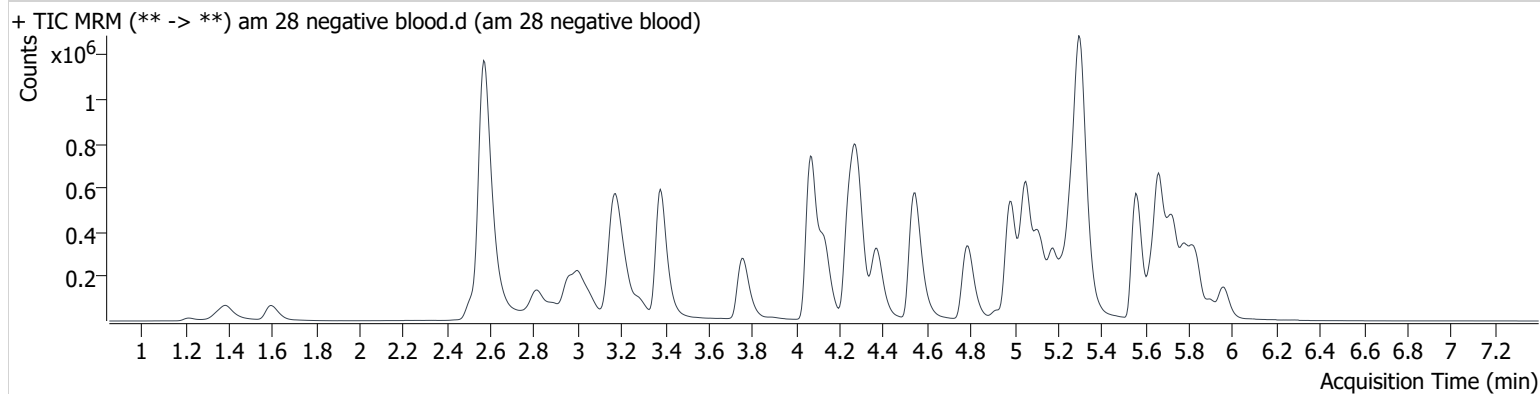
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 negative blood.d
Type	Sample	Sample	am 28 negative blood
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-F2	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 4:04:39 PM		
Sample Info.			

Sample Chromatogram



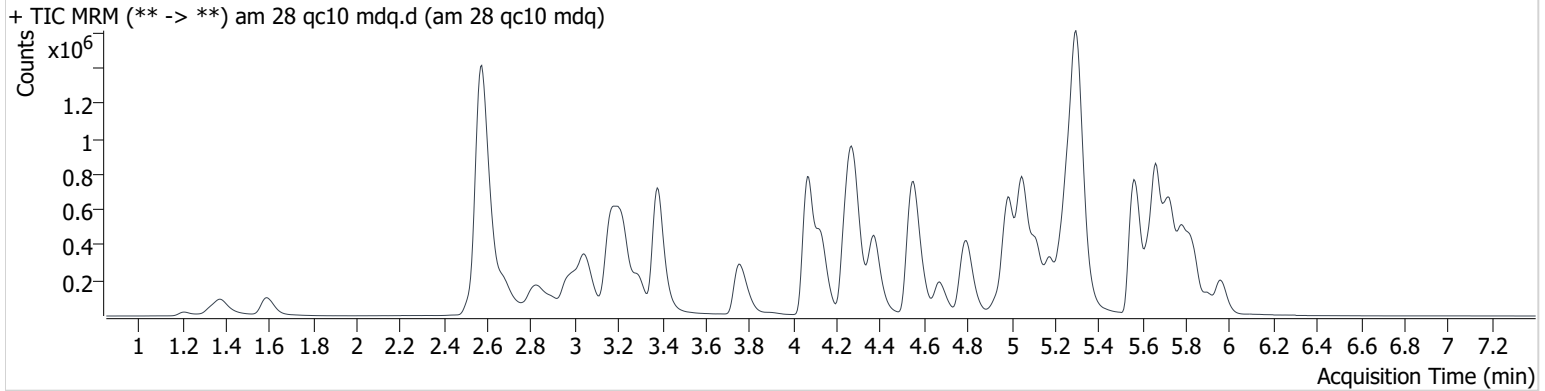
AM #28 Multi-Drug Quant. Results

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Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 qc10 mdq.d
Type	QC	Sample	am 28 qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-A2	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 4:13:41 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.150	4688	18909.8	149.0	8534.1	125492	1.034 ng/ml
7-aminoclonazepam	4.308	60723	7898.8	70.3	∞	307068	10.941 ng/ml
a-hydroxyalprazolam	5.722	12084	997.6	59.1	948.3	466640	11.419 ng/ml
alpha-PHP	4.950	229269	1425414.1	37.7	24817.9	1275859	11.465 ng/ml
alpha-PVP	4.382	285525	127675.9	52.0	49945.5	1085759	10.385 ng/ml
Alprazolam	5.791	145480	26255.5	89.5	∞	466640	10.561 ng/ml
Amphetamine	3.052	537458	8770.4	44.6	3343.7	797238	11.442 ng/ml
Benzoylcegonine	3.916	6746	∞	52.3	280.3	20005	11.412 ng/ml
Buprenorphine	5.835	6018	2124.1	14.3	1232.6	194673	1.014 ng/ml
Bupropion	4.805	305214	58853.3	68.5	11652.4	1275859	10.619 ng/ml
Carisoprodol	5.746	122877	940961.6	57.3	2111.6	423990	10.744 ng/ml
Citalopram	5.238	217763	3933.5	39.9	4285.8	842054	10.804 ng/ml
Clonazepam	5.639	37556	8985.4	33.2	18571.8	58197	11.204 ng/ml
Clonazepam	5.586	60650	58564.0	40.5	∞	58197	11.651 ng/ml
Cocaine	4.276	209152	118282.5	46.7	∞	1486447	10.423 ng/ml
Codeine	2.598	34949	∞	87.3	3764.2	145185	10.556 ng/ml
Cyclobenzaprine	5.636	257335	20383.8	10.0	137528.5	819433	10.538 ng/ml
Dextromethorphan	5.281	167649	872916193849 360.0	75.9	41154.0	734395	10.732 ng/ml
Dextrorphan	4.133	213402	18227.3	45.4	16548.0	981532	10.990 ng/ml
Diazepam	5.968	100608	3494.1	87.5	∞	420967	11.086 ng/ml
Dihydrocodeine	2.557	85376	1434.5	58.3	938.2	433721	11.279 ng/ml
Diphenhydramine	5.308	698866	19334.4	31.7	129195.5	3259931	10.232 ng/ml
Doxylamine	4.561	624656	∞	79.3	18340.7	2248942	10.781 ng/ml
EDDP	5.276	305850	10044.6	43.9	328241.1	1386189	10.705 ng/ml
Etizolam	5.831	64112	∞	24.4	2413334.5	466640	9.845 ng/ml
Fentanyl	5.128	23187	1236.1	127.8	∞	1148618	1.067 ng/ml
Flualprazolam	5.722	65200	3331.5	101.0	4806.7	466640	10.711 ng/ml
Fluoxetine	5.718	285197	76790.9	7.1	224686.6	986516	10.820 ng/ml
Hydrocodone	3.039	105016	∞	36.8	∞	522084	10.537 ng/ml
Hydromorphone	1.597	96207	∞	72.3	∞	294751	10.555 ng/ml
Ketamine	4.083	203603	∞	38.6	9056.5	934422	10.780 ng/ml
Lamotrigine	4.309	18389	1269.7	89.5	32037.8	863840	10.492 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.681	130334	4542.2	218.9	9583.3	4795090	10.579 ng/ml
Lorazepam	5.769	15461	∞	51.7	503703580 4920.1	115123	11.241 ng/ml
MDA	3.204	295324	13615.8	26.1	2687.8	863840	11.088 ng/ml
MDMA	3.297	209194	35065.8	98.6	3967.6	205526	10.701 ng/ml
Methadone	5.671	381317	31660.9	54.2	∞	1631090	10.728 ng/ml
Methamphetamine	3.226	215388	1611.1	244.6	1505.4	1649966	11.270 ng/ml
Metoprolol	4.334	64007	∞	96.2	∞	4795090	11.168 ng/ml
Mirtazapine	4.670	432263	239189374187 26100.0	50.0	126276.9	1631090	10.947 ng/ml
Mitragynine	5.262	84968	∞	30.5	30229.0	986516	11.012 ng/ml
Morphine	1.216	15049	∞	16.9	∞	15601	11.919 ng/ml
Nordiazepam	5.912	72637	1215616.9	62.5	489070.8	221071	11.179 ng/ml
Norfentanyl	4.093	15719	3222.4	34.0	3837497.3	1773232	1.112 ng/ml
Norhydrocodone	3.075	11700	∞	24.5	∞	188843	10.595 ng/ml
Noroxycodone	2.915	73125	∞	47.1	∞	251239	10.390 ng/ml
O-desmethyl-tramadol	3.383	484057	134635.1	6.2	14818.5	2115958	10.725 ng/ml
Oxazepam	5.776	30772	819.7	71.2	∞	115123	10.961 ng/ml
Oxycodone	2.848	191216	∞	28.3	∞	705872	10.777 ng/ml
Oxymorphone	1.379	125545	∞	43.5	∞	424768	10.905 ng/ml
Phentermine	3.786	99947	561.8	9.2	∞	1065998	10.344 ng/ml
Promethazine	5.563	332148	11714.6	39.9	4656.4	1554579	10.653 ng/ml
Pseudoephedrine	2.580	1101123	9369.2	24.9	9153.8	4795090	10.453 ng/ml
Quetiapine	5.586	317673	24912.0	61.0	∞	401905	10.877 ng/ml
Sertraline	5.786	98968	113042.0	96.3	4899.2	328098	10.848 ng/ml
Temazepam	5.843	147600	5271.0	29.8	287.5	604311	10.454 ng/ml
Tramadol	4.257	461542	32392.0	3.6	406.5	1980274	10.854 ng/ml
Venlafaxine	5.052	352448	∞	40.9	1689.0	2156372	10.174 ng/ml
Zolpidem	5.005	473943	46431.9	31.0	25475.0	1997490	10.728 ng/ml

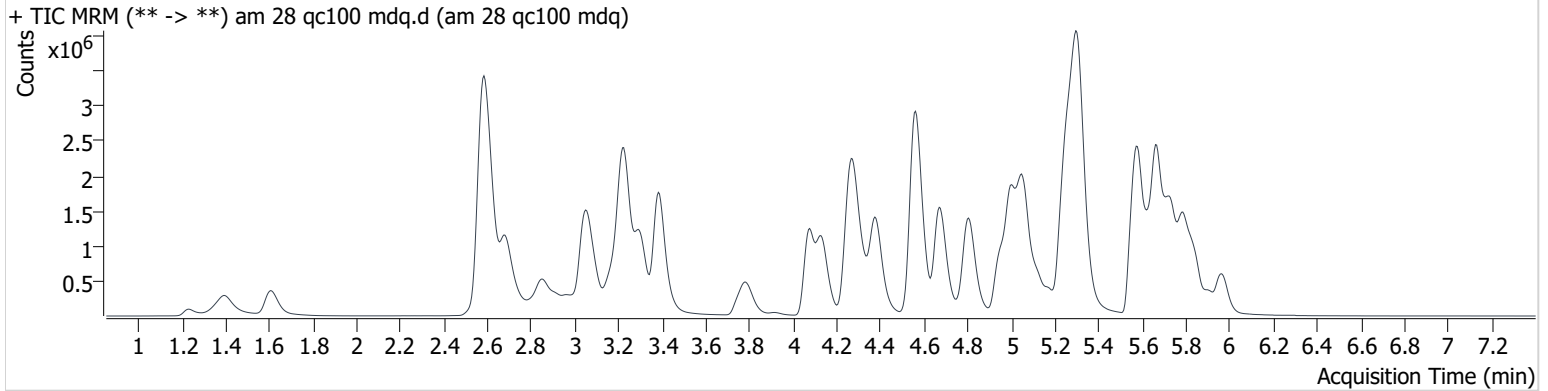
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 qc100 mdq.d
Type	QC	Sample	am 28 qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-B2	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 4:22:43 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	40509	55908.3	143.7	597061.7	109761	11.029 ng/ml
7-aminoclonazepam	4.308	401353	22913.3	74.5	14821.5	220384	107.077 ng/ml
a-hydroxyalprazolam	5.717	70406	1561.2	55.5	360.5	348963	109.017 ng/ml
alpha-PHP	4.950	1876020	350490.4	39.4	∞	1146939	117.935 ng/ml
alpha-PVP	4.382	2487808	79749.0	52.9	74826.6	950542	109.201 ng/ml
Alprazolam	5.796	1073785	∞	90.5	∞	348963	110.240 ng/ml
Amphetamine	3.057	3841928	∞	43.9	59111.1	695915	110.827 ng/ml
Benzoylcegonine	3.921	56346	47916.3	52.3	2292.0	18690	109.693 ng/ml
Buprenorphine	5.835	49469	∞	15.6	10599.9	166587	10.383 ng/ml
Bupropion	4.805	2765500	64297.9	66.6	52582.5	1146939	112.138 ng/ml
Carisoprodol	5.746	830624	∞	57.0	44231.0	296928	113.437 ng/ml
Citalopram	5.238	1662555	∞	40.7	71352.9	659956	112.028 ng/ml
Clonazepam	5.639	268436	∞	32.4	82201.2	43818	116.875 ng/ml
Clonazepam	5.586	394563	6942.1	38.2	44322.2	43818	114.891 ng/ml
Cocaine	4.281	1768153	228633.8	46.4	411999.4	1276647	109.016 ng/ml
Codeine	2.603	234363	568449.0	91.1	∞	109466	119.165 ng/ml
Cyclobenzaprine	5.636	2141173	1421965.7	10.2	199498.8	688000	112.994 ng/ml
Dextromethorphan	5.281	1276453	∞	77.0	54817.0	576834	110.169 ng/ml
Dextrophan	4.133	1802339	∞	45.6	432452.7	850369	111.465 ng/ml
Diazepam	5.968	856832	∞	87.8	5713.6	371712	113.359 ng/ml
Dihydrocodeine	2.562	668396	7090.7	59.9	1798.1	380536	113.167 ng/ml
Diphenhydramine	5.313	5842700	281768.1	30.6	139513.2	2698126	106.236 ng/ml
Doxylamine	4.565	5715512	∞	81.0	∞	2089645	111.958 ng/ml
EDDP	5.276	2604945	∞	42.1	971914.6	1194983	111.044 ng/ml
Etizolam	5.831	531949	55473.2	24.1	∞	348963	100.980 ng/ml
Fentanyl	5.134	214943	330981.9	129.7	1031746.5	1079601	10.834 ng/ml
Flualprazolam	5.727	464290	∞	96.4	∞	348963	108.894 ng/ml
Fluoxetine	5.723	2010852	6003877.4	7.4	624008.4	718452	113.831 ng/ml
Hydrocodone	3.039	849795	∞	37.9	∞	437205	112.217 ng/ml
Hydromorphone	1.608	769108	∞	70.9	∞	250323	108.678 ng/ml
Ketamine	4.083	1726359	∞	38.6	18399.8	810245	118.048 ng/ml
Lamotrigine	4.309	137726	9333.4	91.4	10405.2	647326	117.723 ng/ml
Levetiracetam	2.686	1062899	33164.9	223.8	136389.2	3942346	104.651 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	89863	∞	48.4	∞	57031	103.979 ng/ml
MDA	3.205	2018825	72662.9	26.1	31596.4	647326	115.349 ng/ml
MDMA	3.302	1743937	958197.5	99.8	65519.9	177117	109.398 ng/ml
Methadone	5.671	3286658	169148.0	54.1	60990.2	1451960	105.155 ng/ml
Methamphetamine	3.231	1468273	1603.4	251.4	1708.2	1518101	112.279 ng/ml
Metoprolol	4.339	491597	∞	94.7	∞	3942346	119.628 ng/ml
Mirtazapine	4.670	3942422	∞	48.2	5094295.1	1451960	100.702 ng/ml
Mitragynine	5.262	624983	1688751.6	32.5	76895.2	718452	119.559 ng/ml
Morphine	1.231	126984	∞	17.7	341309.7	13982	116.991 ng/ml
Nordiazepam	5.912	504023	∞	62.3	9597829.5	162781	112.214 ng/ml
Norfentanyl	4.093	126078	15832.3	35.1	∞	1484407	11.916 ng/ml
Norhydrocodone	3.080	102886	∞	25.5	∞	147311	112.795 ng/ml
Noroxycodone	2.920	580298	∞	44.8	∞	199648	111.915 ng/ml
O-desmethyl-tramadol	3.389	4190082	109115739954 40900.0	6.2	49588.5	1907461	109.545 ng/ml
Oxazepam	5.776	146051	∞	72.4	∞	57031	112.772 ng/ml
Oxycodone	2.848	1597112	∞	29.2	∞	624580	109.976 ng/ml
Oxymorphone	1.394	1047881	∞	44.5	∞	369735	112.987 ng/ml
Phentermine	3.791	773158	33962.0	8.8	151116.4	923746	114.954 ng/ml
Promethazine	5.563	2827669	352161.6	38.8	70175.8	1359317	107.296 ng/ml
Pseudoephedrine	2.585	9017169	∞	24.7	∞	3942346	108.021 ng/ml
Quetiapine	5.586	2563711	∞	61.9	4226148.5	339228	110.949 ng/ml
Sertraline	5.786	667948	∞	95.6	1681405.4	224969	114.265 ng/ml
Temazepam	5.844	980045	107350.9	30.9	1573.4	407466	107.755 ng/ml
Tramadol	4.257	3946680	∞	3.4	3084.0	1767910	114.622 ng/ml
Venlafaxine	5.058	3105288	70484.4	39.4	43457.9	1858295	103.935 ng/ml
Zolpidem	5.007	4036964	593303.8	30.7	1607134.6	1763274	109.452 ng/ml

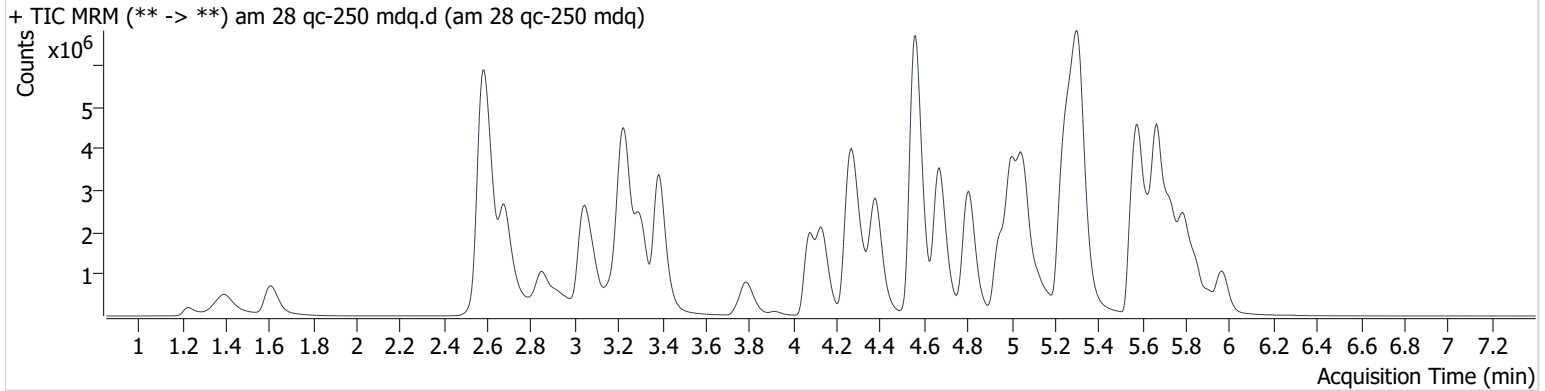
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 qc-250 mdq.d
Type	QC	Sample	am 28 qc-250 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-C2	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 4:31:45 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	94208	∞	141.2	∞	103839	27.245 ng/ml
7-aminoclonazepam	4.308	647388	16708.9	77.1	247027.7	144741	264.102 ng/ml
a-hydroxyalprazolam	5.717	115165	∞	58.1	1456.5	260780	242.134 ng/ml
alpha-PHP	4.949	4393777	∞	39.1	211356.2	1135599	281.259 ng/ml
alpha-PVP	4.384	5814217	744813.5	52.9	383964.7	901295	270.112 ng/ml
Alprazolam	5.791	2011852	132511.5	90.0	∞	260780	277.409 ng/ml
Amphetamine	3.052	7157582	159666.7	44.6	48177.7	649683	223.538 ng/ml
Benzoylcegonine	3.916	148269	1128064.9	52.2	5302.1	19942	271.938 ng/ml
Buprenorphine	5.840	104647	318958.2	15.2	42145.6	137456	26.734 ng/ml
Bupropion	4.805	6717506	614358.7	65.1	∞	1135599	275.927 ng/ml
Carisoprodol	5.751	1424369	∞	56.1	41703.6	207328	280.229 ng/ml
Citalopram	5.232	3206180	∞	41.5	20769.6	521705	274.410 ng/ml
Clonazepam	5.639	429713	19023.1	33.3	∞	29006	284.389 ng/ml
Clonazepam	5.591	616968	67693.3	39.1	45917.8	29006	273.926 ng/ml
Cocaine	4.281	3841131	319231.9	45.8	287916.1	1121281	270.710 ng/ml
Codeine	2.603	471788	140530.4	91.1	∞	89934	296.630 ng/ml
Cyclobenzaprine	5.636	4383900	166581.6	9.8	97142.2	580439	275.588 ng/ml
Dextromethorphan	5.281	2471641	601394.3	74.5	404882.4	457426	270.029 ng/ml
Dextrophan	4.133	4169890	389021.1	44.9	∞	783742	280.555 ng/ml
Diazepam	5.968	1820739	∞	87.0	∞	320632	280.348 ng/ml
Dihydrocodeine	2.546	1442667	11443.2	60.5	7569.7	371222	252.305 ng/ml
Diphenhydramine	5.313	12178931	397869498.7	30.2	414664.4	2188003	273.573 ng/ml
Doxylamine	4.562	14393431	1197360.5	80.9	739987.6	2099400	281.623 ng/ml
EDDP	5.270	6136981	215359.8	41.9	2801947.7	1128006	278.031 ng/ml
Etizolam	5.836	1094306	∞	24.3	∞	260780	276.545 ng/ml
Fentanyl	5.128	542951	533928.7	130.0	746521.7	1090647	27.142 ng/ml
Flualprazolam	5.727	904974	∞	94.0	∞	260780	285.326 ng/ml
Fluoxetine	5.718	3613768	926694.3	7.5	391575.0	533950	276.740 ng/ml
Hydrocodone	3.039	1937530	∞	38.0	∞	412932	272.592 ng/ml
Hydromorphone	1.608	1874497	∞	72.9	∞	229590	290.629 ng/ml
Ketamine	4.083	3870395	903471.6	39.0	28275.3	778607	277.331 ng/ml
Lamotrigine	4.309	256740	11765.5	88.0	11085.4	505720	282.880 ng/ml
Levetiracetam	2.681	2563037	83080.7	221.7	161004.9	3367326	295.387 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	143068	∞	50.5	2511.4	33075	280.903 ng/ml
MDA	3.199	3563591	∞	26.1	35258.7	505720	262.827 ng/ml
MDMA	3.302	3893362	327599.2	98.1	∞	159699	271.871 ng/ml
Methadone	5.671	7786442	∞	51.3	721516.2	1304160	277.597 ng/ml
Methamphetamine	3.231	3128941	1281.3	256.1	1193.7	1525490	243.144 ng/ml
Metoprolol	4.339	948590	∞	94.8	∞	3367326	272.563 ng/ml
Mirtazapine	4.672	9296903	3914494.3	47.3	691192.0	1304160	262.373 ng/ml
Mitragynine	5.257	1262659	179963.5	33.3	370894.9	533950	326.586 ng/ml
Morphine	1.231	294876	∞	16.4	∞	14175	268.702 ng/ml
Nordiazepam	5.917	889551	146219.6	61.9	∞	119745	270.365 ng/ml
Norfentanyl	4.093	251983	847300761689 23.2	34.4	∞	1269990	28.034 ng/ml
Norhydrocodone	3.080	218392	∞	29.2	∞	125701	279.625 ng/ml
Noroxycodone	2.915	1210771	∞	44.5	∞	172591	271.397 ng/ml
O-desmethyl-tramadol	3.389	10167811	∞	6.0	135455.5	1858574	273.954 ng/ml
Oxazepam	5.776	219287	40405.9	72.1	∞	33075	293.393 ng/ml
Oxycodone	2.848	3708468	∞	29.3	∞	591413	271.101 ng/ml
Oxymorphone	1.394	2246262	∞	44.1	∞	327179	275.100 ng/ml
Phentermine	3.791	1744673	14215.0	7.8	∞	874032	278.104 ng/ml
Promethazine	5.558	6620276	7344572.3	37.5	109841.5	1257084	272.263 ng/ml
Pseudoephedrine	2.585	19207921	∞	24.3	∞	3367326	270.046 ng/ml
Quetiapine	5.586	5252048	6976419.6	63.0	∞	291139	265.959 ng/ml
Sertraline	5.786	1252981	∞	94.4	∞	172572	280.649 ng/ml
Temazepam	5.849	1612555	∞	30.4	4413.0	266986	271.409 ng/ml
Tramadol	4.257	8901695	∞	3.4	17627.2	1697074	270.996 ng/ml
Venlafaxine	5.058	7416307	1725256.5	38.2	288580.3	1672311	275.817 ng/ml
Zolpidem	5.004	9444463	734745.8	30.1	232625.9	1652179	274.308 ng/ml

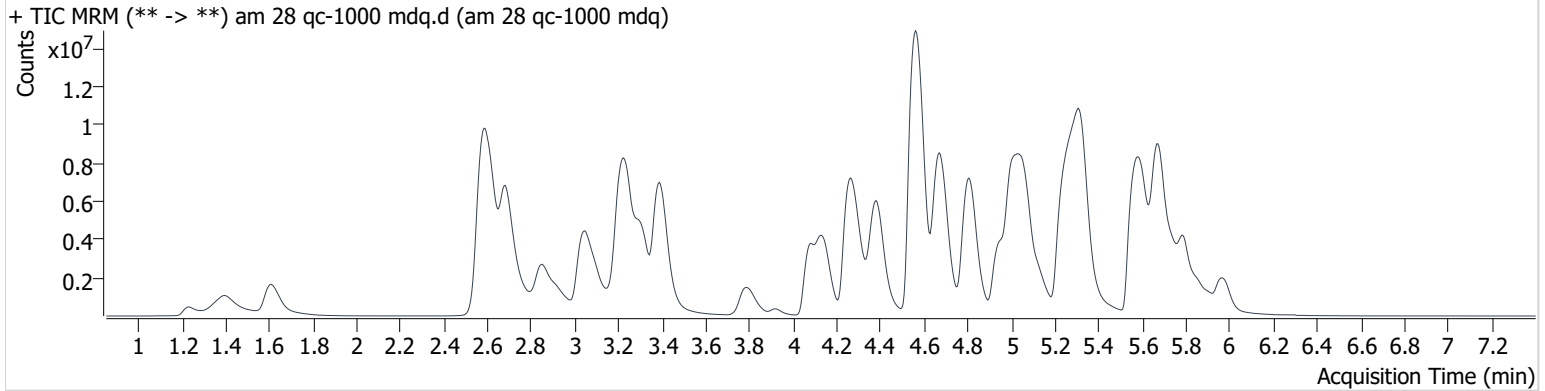
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 qc-1000 mdq.d
Type	QC	Sample	am 28 qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-D2	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 4:40:47 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	254346	∞	140.2	∞	68849	111.222 ng/ml
7-aminoclonazepam	4.308	765869	∞	79.4	148007201 446879.0	38193	1186.731 ng/ml
a-hydroxyalprazolam	5.722	191162	2036.1	56.4	858.2	125655	841.344 ng/ml
alpha-PHP	4.945	10370228	∞	38.6	299854.2	802023	943.852 ng/ml
alpha-PVP	4.382	15668454	324659.0	52.4	271979.7	572636	1147.808 ng/ml
Alprazolam	5.791	3736494	4957.4	88.0	144333288 96000.0	125655	1071.192 ng/ml
Amphetamine	3.052	12513395	∞	45.1	253112.5	478409	533.989 ng/ml ocr
Benzoylcegonine	3.921	570046	∞	50.9	6603.6	19030	1098.522 ng/ml
Buprenorphine	5.850	207026	∞	15.5	74224.9	61198	119.050 ng/ml
Bupropion	4.805	19559848	∞	62.7	202643.6	802023	1139.357 ng/ml
Carisoprodol	5.751	1795902	4963422.4	56.0	61230.8	66428	1106.060 ng/ml
Citalopram	5.222	5888198	165243.5	42.1	786100316 752734.0	236145	1115.749 ng/ml
Clonazepam	5.634	504267	2564865.2	32.7	133186.7	8860	1096.034 ng/ml
Clonazepam	5.596	705899	∞	40.1	∞	8860	1031.108 ng/ml
Cocaine	4.281	8536647	∞	44.8	1240596.0	620002	1090.253 ng/ml
Codeine	2.613	902890	∞	93.1	∞	45979	1119.154 ng/ml
Cyclobenzaprine	5.631	8134806	272701.6	9.7	1199755.3	274049	1085.931 ng/ml
Dextromethorphan	5.281	4373303	705097.7	73.0	63697.0	201577	1086.344 ng/ml
Dextrorphan	4.138	10778283	226445.9	43.4	3394133.9	482198	1180.253 ng/ml
Diazepam	5.974	4132749	∞	87.3	∞	181154	1128.531 ng/ml
Dihydrocodeine	2.546	3356717	9889.0	60.9	4924.8	292640	747.773 ng/ml ocr
Diphenhydramine	5.324	24412420	477973.8	29.7	477272.5	1058749	1134.254 ng/ml
Doxylamine	4.561	38419223	263871626249 57600.0	88.0	521326.2	1518893	1040.771 ng/ml
EDDP	5.276	17054825	347156.2	41.3	1682153.7	757006	1153.191 ng/ml
Etizolam	5.836	2281195	∞	25.4	∞	125655	1193.704 ng/ml
Fentanyl	5.128	1894504	3865725.8	129.4	1931260.8	892331	115.868 ng/ml
Flualprazolam	5.727	1609200	49224.2	94.0	16616.5	125655	1055.134 ng/ml
Fluoxetine	5.723	5639250	361200.6	7.4	664397.7	206836	1117.995 ng/ml
Hydrocodone	3.038	5335039	∞	39.7	∞	310408	1001.696 ng/ml
Hydromorphone	1.608	5224646	∞	72.7	∞	165295	1128.313 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Ketamine	4.078	9459880	1231929.7	37.9	96970.8	526835	1005.539 ng/ml
Lamotrigine	4.314	350570	53552.4	87.2	∞	243890	803.557 ng/ml <i>ocr</i>
Levetiracetam	2.686	6875882	1225099.5	224.7	387364.4	1821518	1464.803 ng/ml <i>ocr</i>
Lorazepam	5.764	270184	∞	49.3	∞	14702	1184.944 ng/ml
MDA	3.189	5285644	102517.1	26.3	31265.3	243890	811.972 ng/ml <i>ocr</i>
MDMA	3.306	9170345	862075.8	97.4	456969.2	91516	1119.557 ng/ml
Methadone	5.673	20203821	4189787.0	48.7	355475.6	816382	1151.125 ng/ml
Methamphetamine	3.231	7033205	814.7	263.0	859.6	1232362	684.538 ng/ml <i>ocr</i>
Metoprolol	4.339	1616622	9067673.2	95.9	∞	1821518	862.658 ng/ml <i>ocr</i>
Mirtazapine	4.675	25346072	423316785384 9850.0	46.8	∞	816382	1138.535 ng/ml
Mitragynine	5.252	2371940	80547.3	34.8	31143.0	206836	1587.289 ng/ml <i>ocr</i>
Morphine	1.231	745817	∞	18.6	∞	9592	1005.900 ng/ml
Nordiazepam	5.917	1513872	331461.2	61.6	∞	50482	1093.891 ng/ml
Norfentanyl	4.093	453753	∞	35.3	∞	700569	91.846 ng/ml
Norhydrocodone	3.085	505305	∞	31.5	∞	70966	1144.000 ng/ml
Noroxycodone	2.920	2964594	∞	45.3	∞	112207	1024.637 ng/ml
O-desmethyl-tramadol	3.388	27729329	3196156.1	6.0	819540.5	1273972	1092.229 ng/ml
Oxazepam	5.771	386710	∞	71.6	∞	14702	1166.629 ng/ml
Oxycodone	2.849	11063813	∞	28.5	∞	454522	1055.209 ng/ml
Oxymorphone	1.394	5634902	∞	43.8	∞	216459	1045.839 ng/ml
Phentermine	3.791	4305524	142835.5	7.3	753425362 59048.9	657034	919.488 ng/ml
Promethazine	5.558	16702915	837426.0	35.7	370041.6	780585	1107.491 ng/ml
Pseudoephedrine	2.590	43386256	∞	23.6	∞	1821518	1129.000 ng/ml
Quetiapine	5.591	10064555	484405593.2	60.6	1400681.0	133311	1115.642 ng/ml
Sertraline	5.781	2112886	6762420.5	95.0	686839.6	73349	1115.973 ng/ml
Temazepam	5.854	2458582	∞	31.5	120155.9	99670	1110.134 ng/ml
Tramadol	4.252	21064365	∞	3.3	25770.6	1024612	1065.763 ng/ml
Venlafaxine	5.063	18120259	1208408.4	38.3	224243.5	947892	1188.901 ng/ml
Zolpidem	5.005	24235042	844203.7	29.5	239399.9	1086863	1072.000 ng/ml

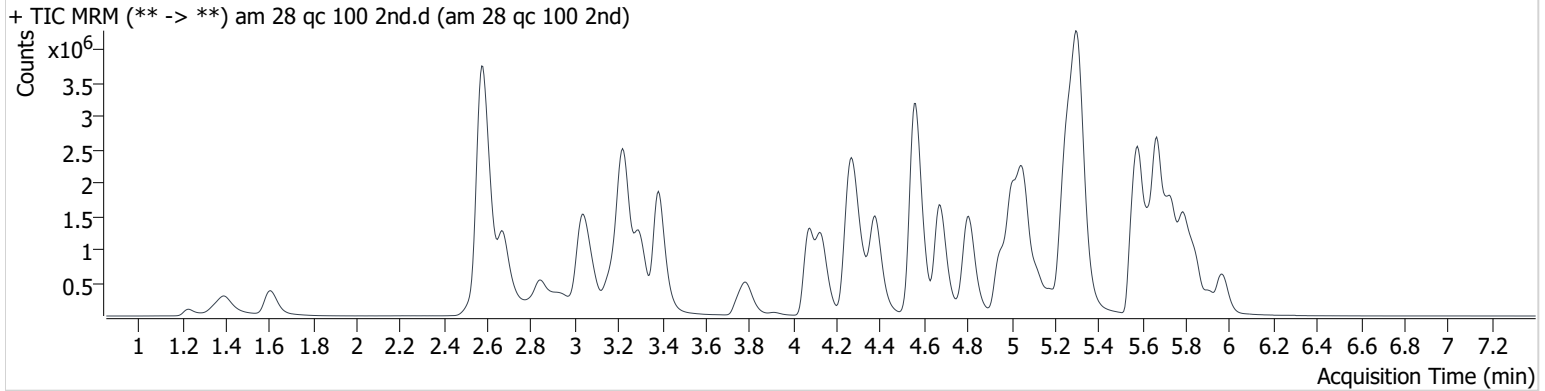
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 qc 100 2nd.d
Type	QC	Sample	am 28 qc 100 2nd
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-E2	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 7:40:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	43243	∞	140.4	∞	116094	11.132 ng/ml
7-aminoclonazepam	4.308	432063	24452.6	73.3	21833898.1	231308	109.846 ng/ml
a-hydroxyalprazolam	5.717	71302	1494.0	53.5	∞	362357	106.250 ng/ml
alpha-PHP	4.950	2015863	∞	39.5	43509.2	1224703	118.690 ng/ml
alpha-PVP	4.382	2627769	75625.7	53.3	71699.7	1002233	109.396 ng/ml
Alprazolam	5.796	1146670	∞	86.3	∞	362357	113.390 ng/ml
Amphetamine	3.042	4076107	∞	43.8	314762.2	730734	112.005 ng/ml
Benzoylcegonine	3.916	61252	∞	48.8	2070.7	19242	115.875 ng/ml
Buprenorphine	5.845	51121	27566481.4	16.5	2122.8	172510	10.361 ng/ml
Bupropion	4.805	2929282	9335858.2	66.3	96728.6	1224703	111.233 ng/ml
Carisoprodol	5.751	857338	22544211.4	57.2	13448.8	312793	111.124 ng/ml
Citalopram	5.232	1776698	30509.9	41.8	47834.7	713831	110.675 ng/ml
Clonazepam	5.639	273381	∞	31.5	∞	46021	113.293 ng/ml
Clonazepam	5.586	398345	12927.4	38.7	∞	46021	110.368 ng/ml
Cocaine	4.276	1887595	5598828.2	46.0	7925762.9	1344369	110.528 ng/ml
Codeine	2.588	248667	73757.4	89.6	∞	119031	116.200 ng/ml
Cyclobenzaprine	5.641	2275002	552875.2	10.2	∞	732921	112.695 ng/ml
Dextromethorphan	5.281	1330162	43487.8	76.3	4220242.1	617427	107.238 ng/ml
Dextrophan	4.133	1932708	312186.4	45.1	1415185.1	906545	112.123 ng/ml
Diazepam	5.968	899514	∞	85.7	∞	386398	114.490 ng/ml
Dihydrocodeine	2.541	715587	2101.2	59.9	8242.5	408427	112.880 ng/ml
Diphenhydramine	5.308	6178657	406236.1	30.2	157549.1	2832472	107.018 ng/ml
Doxylamine	4.563	6175219	601047.7	80.4	146337.7	2202461	114.784 ng/ml
EDDP	5.276	2497365	443847.2	43.0	∞	1154111	110.224 ng/ml
Etizolam	5.836	538927	∞	25.1	∞	362357	98.543 ng/ml
Fentanyl	5.133	234350	24774.7	129.0	402258.3	1150819	11.082 ng/ml
Flualprazolam	5.727	490283	3388.7	97.7	2646.8	362357	110.754 ng/ml
Fluoxetine	5.723	2106598	2976917.9	7.4	152366.6	776034	110.371 ng/ml
Hydrocodone	3.033	904851	∞	37.2	∞	465510	112.222 ng/ml
Hydromorphone	1.608	846454	∞	67.1	∞	263925	113.491 ng/ml
Ketamine	4.083	1823229	∞	38.6	16104.2	870108	116.071 ng/ml
Lamotrigine	4.309	142504	40674.9	90.7	102580.0	674210	116.940 ng/ml
Levetiracetam	2.676	1123705	35910.7	222.1	97591.5	4162599	104.784 ng/ml

AM #28 Multi-Drug Quant. Results

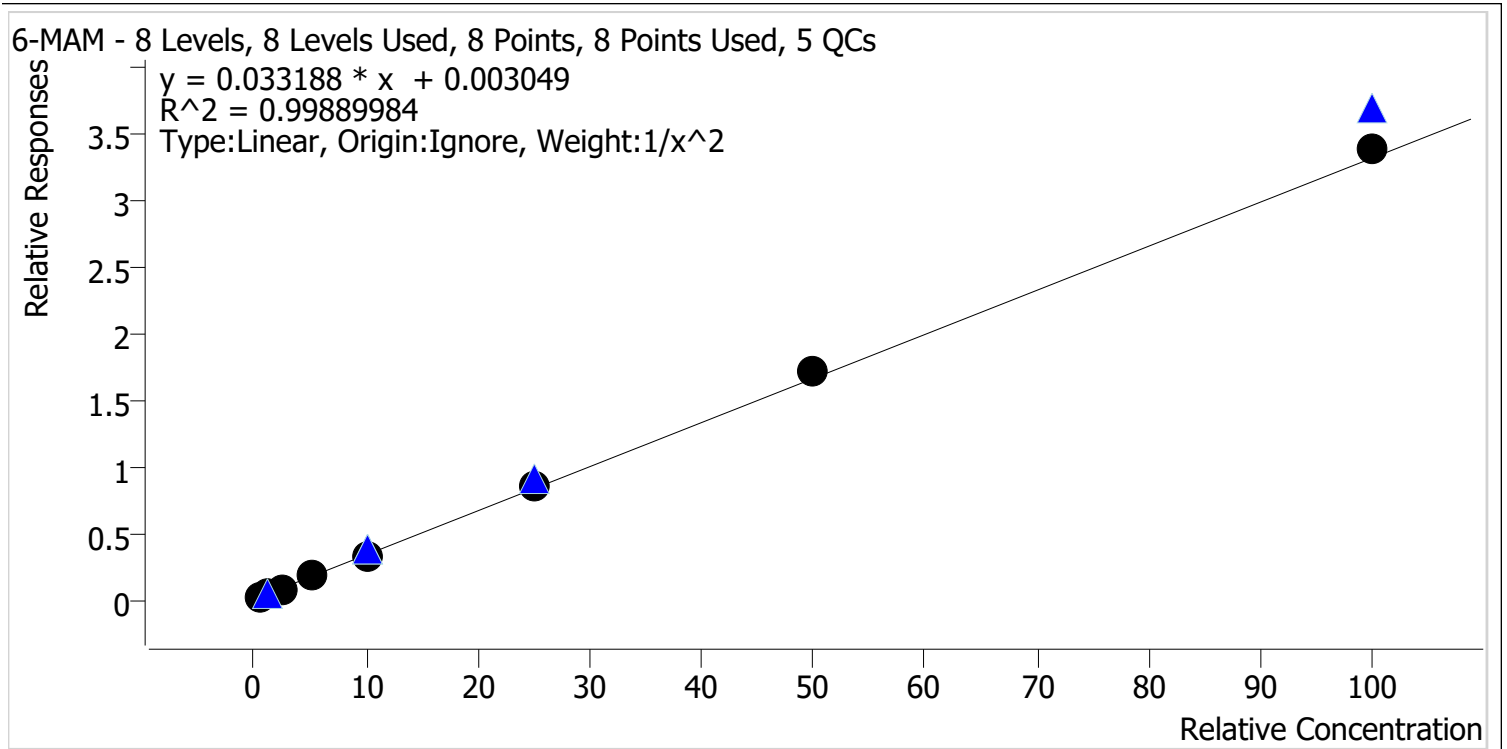
BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	90351	∞	49.2	7635.3	59310	100.613 ng/ml
MDA	3.199	2105700	61826.4	26.2	35496.7	674210	115.518 ng/ml
MDMA	3.302	1864613	28987461.2	97.9	110559.2	183720	112.785 ng/ml
Methadone	5.671	3682384	93986.8	52.1	163569.5	1567177	109.160 ng/ml
Methamphetamine	3.226	1566210	1144.1	252.4	2178.4	1601173	113.606 ng/ml
Metoprolol	4.339	515961	571944376159 0310.0	95.3	∞	4162599	118.903 ng/ml
Mirtazapine	4.670	4181192	2859775.4	49.2	∞	1567177	98.971 ng/ml
Mitragynine	5.262	657424	606811.7	32.2	399801.0	776034	116.409 ng/ml
Morphine	1.231	126642	∞	17.0	∞	14579	111.879 ng/ml
Nordiazepam	5.917	523959	∞	61.0	92411.8	167296	113.514 ng/ml
Norfentanyl	4.093	129413	∞	34.7	∞	1558428	11.647 ng/ml
Norhydrocodone	3.075	106386	∞	22.4	∞	157722	108.955 ng/ml
Noroxycodone	2.910	603055	∞	45.8	∞	209948	110.587 ng/ml
O-desmethyl-tramadol	3.383	4498901	11804830.3	6.2	106380.2	2004294	111.953 ng/ml
Oxazepam	5.776	151542	2876.7	70.6	∞	59310	112.514 ng/ml
Oxycodone	2.843	1671673	∞	28.7	∞	650062	110.603 ng/ml
Oxymorphone	1.389	1106984	∞	43.7	∞	384224	114.875 ng/ml
Phentermine	3.791	838820	7428.7	8.2	∞	971398	118.689 ng/ml
Promethazine	5.563	2952213	3439562.5	38.7	207137.8	1415974	107.541 ng/ml
Pseudoephedrine	2.583	9527989	∞	24.6	90956.9	4162599	108.101 ng/ml
Quetiapine	5.586	2832589	∞	59.3	1574578.5	365153	113.903 ng/ml
Sertraline	5.786	732661	∞	95.7	979900.0	251159	112.251 ng/ml
Temazepam	5.849	997575	1128023.9	31.0	14747.3	406847	109.860 ng/ml
Tramadol	4.257	4158110	262136.0	3.5	10858.8	1867535	114.317 ng/ml
Venlafaxine	5.058	3285849	∞	39.9	26156.3	1953494	104.619 ng/ml
Zolpidem	5.010	4309596	∞	30.8	∞	1865073	110.473 ng/ml

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

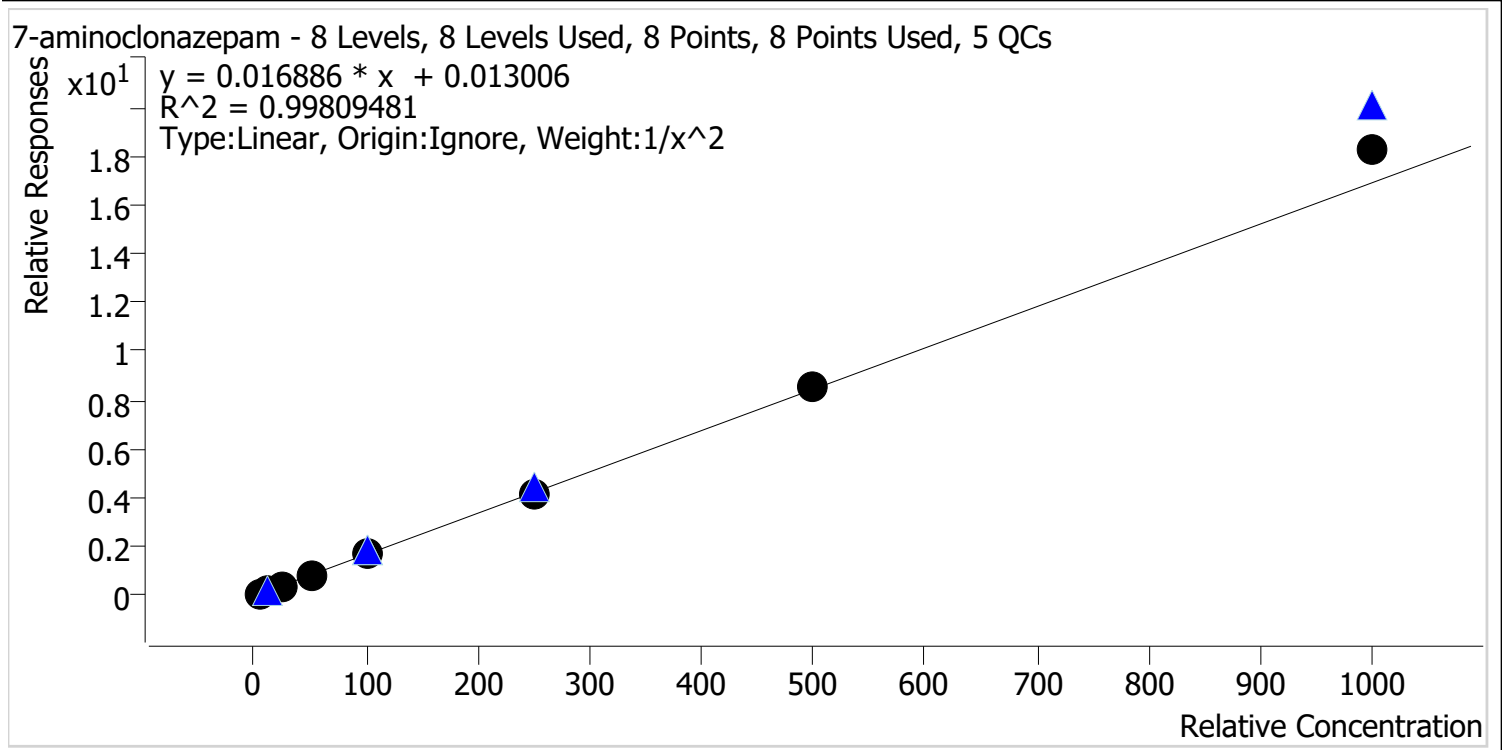


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	0.5	0.5	100.8
am 28 cal 2 mdq	2	✓	1.0	1.0	100.6
am 28 cal 3 mdq	3	✓	2.5	2.4	94.9
am 28 cal 4 mdq	4	✓	5.0	5.0	100.6
am 28 cal 5 mdq	5	✓	10.0	9.6	96.2
am28 cal 6 mdq	6	✓	25.0	25.6	102.6
am 28 cal 7 mdq	7	✓	50.0	51.3	102.5
am 28 cal 8 mdq	8	✓	100.0	101.9	101.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.0
am 28 cal 2 mdq	2	✓	10.0	10.0	100.5
am 28 cal 3 mdq	3	✓	25.0	23.8	95.0
am 28 cal 4 mdq	4	✓	50.0	49.2	98.4
am 28 cal 5 mdq	5	✓	100.0	98.4	98.4
am28 cal 6 mdq	6	✓	250.0	243.6	97.4
am 28 cal 7 mdq	7	✓	500.0	507.2	101.4
am 28 cal 8 mdq	8	✓	1000.0	1078.1	107.8

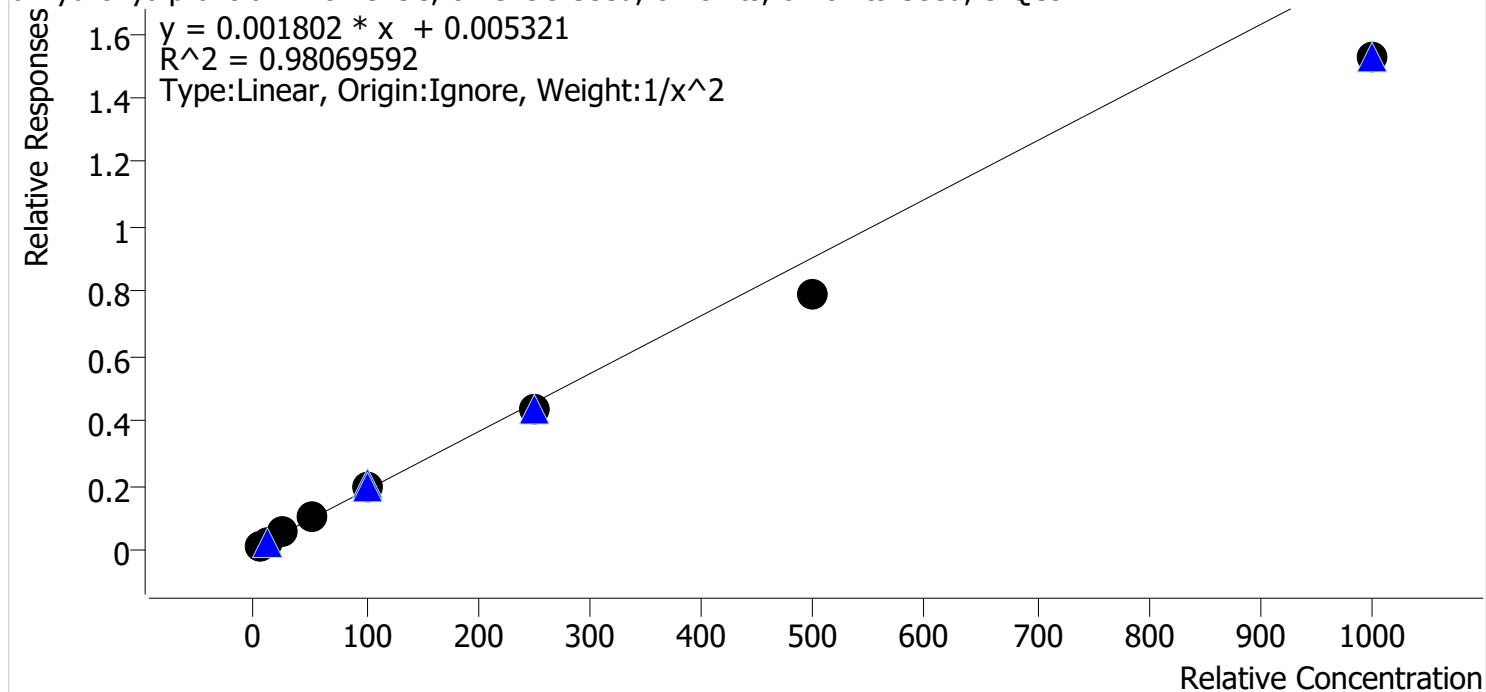
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam

Internal Standard Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



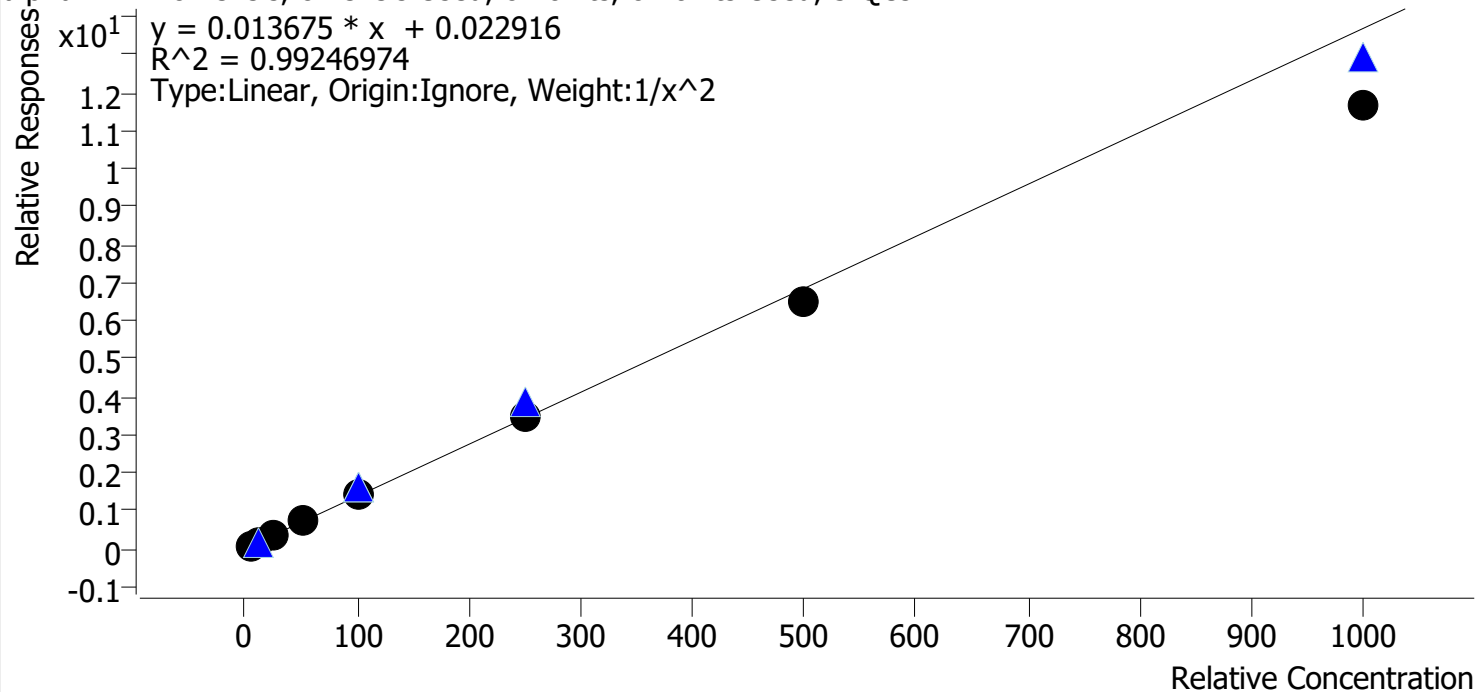
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.5	89.5
am 28 cal 2 mdq	2	✓	10.0	11.4	114.0
am 28 cal 3 mdq	3	✓	25.0	28.0	111.8
am 28 cal 4 mdq	4	✓	50.0	56.2	112.3
am 28 cal 5 mdq	5	✓	100.0	105.0	105.0
am28 cal 6 mdq	6	✓	250.0	237.9	95.2
am 28 cal 7 mdq	7	✓	500.0	439.5	87.9
am 28 cal 8 mdq	8	✓	1000.0	843.3	84.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte alpha-PHP

Internal Standard Bupropion-D9

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



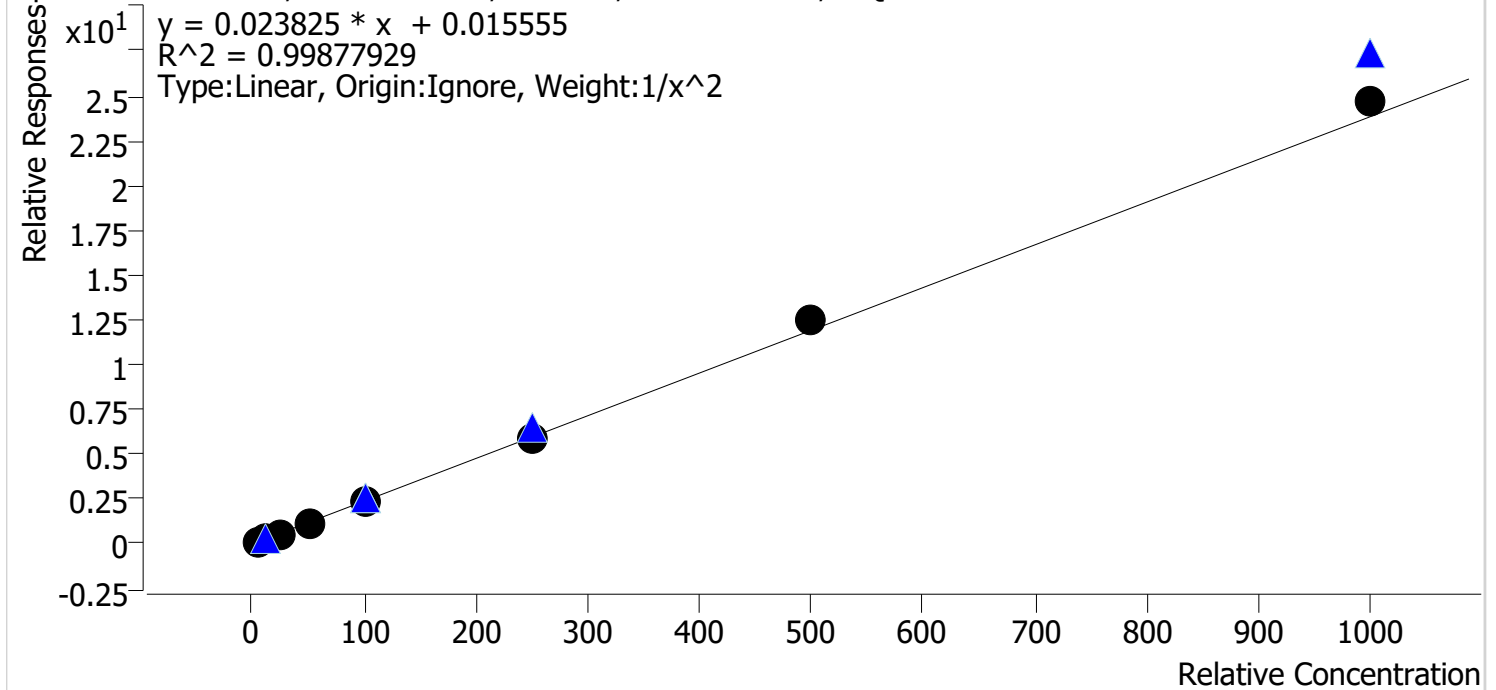
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.3
am 28 cal 2 mdq	2	✓	10.0	10.3	102.8
am 28 cal 3 mdq	3	✓	25.0	26.8	107.1
am 28 cal 4 mdq	4	✓	50.0	53.3	106.7
am 28 cal 5 mdq	5	✓	100.0	106.5	106.5
am28 cal 6 mdq	6	✓	250.0	251.8	100.7
am 28 cal 7 mdq	7	✓	500.0	471.6	94.3
am 28 cal 8 mdq	8	✓	1000.0	855.7	85.6

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



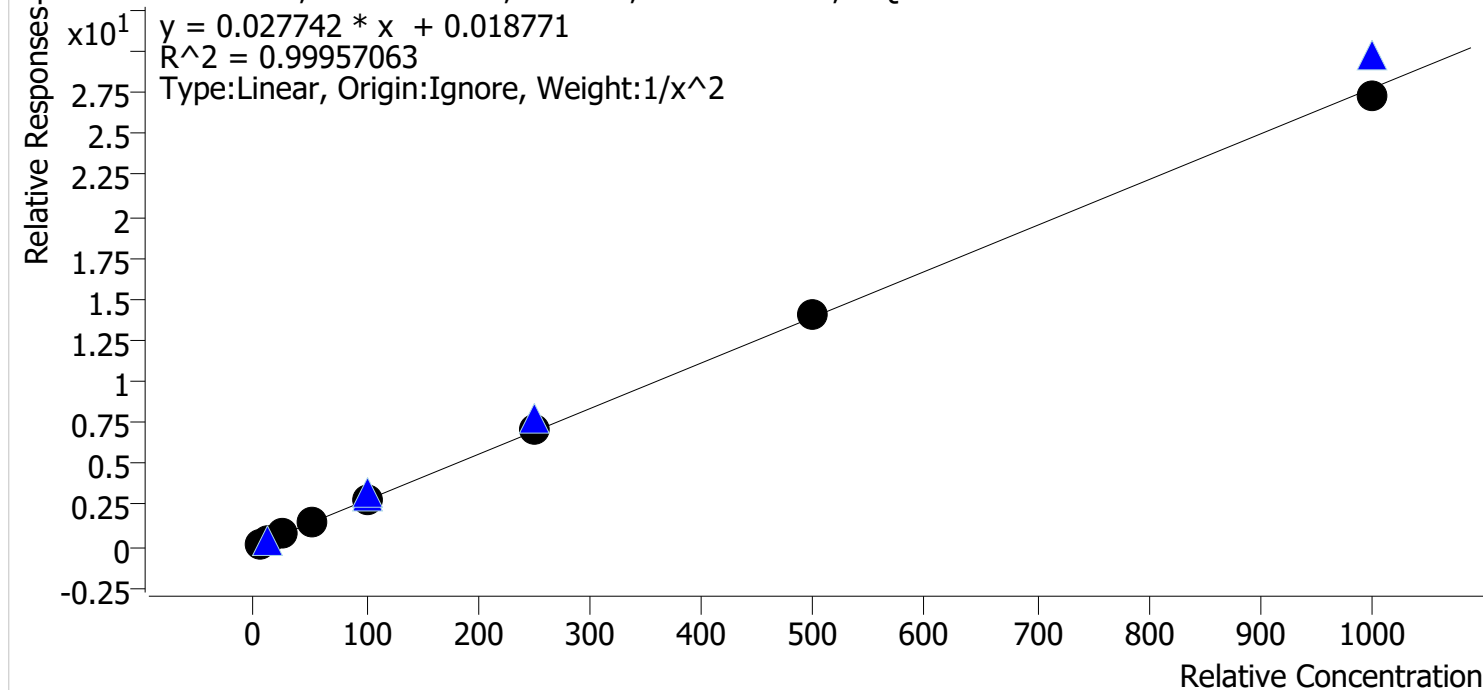
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	101.0
am 28 cal 2 mdq	2	✓	10.0	10.0	100.4
am 28 cal 3 mdq	3	✓	25.0	23.9	95.7
am 28 cal 4 mdq	4	✓	50.0	48.5	97.1
am 28 cal 5 mdq	5	✓	100.0	98.3	98.3
am28 cal 6 mdq	6	✓	250.0	248.5	99.4
am 28 cal 7 mdq	7	✓	500.0	521.0	104.2
am 28 cal 8 mdq	8	✓	1000.0	1039.4	103.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



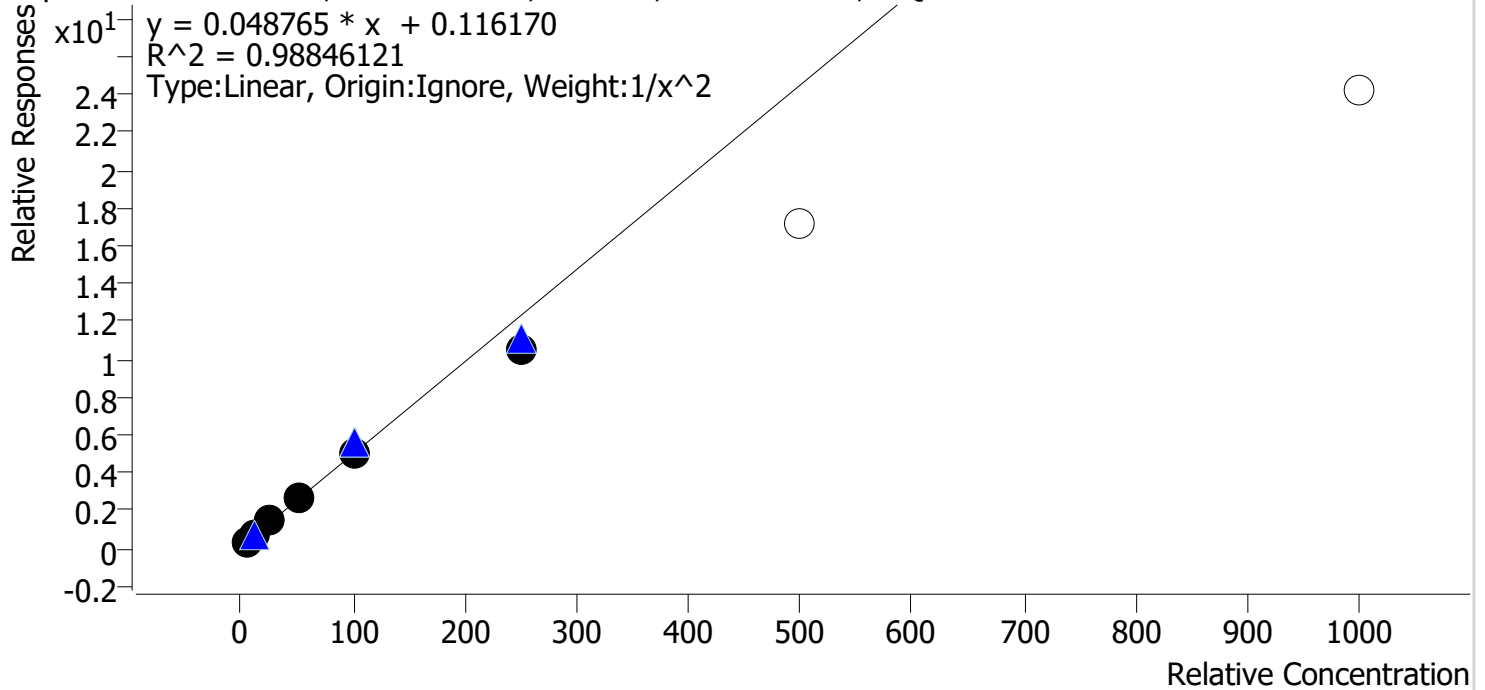
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.7
am 28 cal 2 mdq	2	✓	10.0	9.6	96.4
am 28 cal 3 mdq	3	✓	25.0	24.9	99.7
am 28 cal 4 mdq	4	✓	50.0	50.2	100.4
am 28 cal 5 mdq	5	✓	100.0	101.2	101.2
am28 cal 6 mdq	6	✓	250.0	253.7	101.5
am 28 cal 7 mdq	7	✓	500.0	503.1	100.6
am 28 cal 8 mdq	8	✓	1000.0	985.1	98.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	95.4
am 28 cal 2 mdq	2	✓	10.0	10.6	105.6
am 28 cal 3 mdq	3	✓	25.0	26.7	106.8
am 28 cal 4 mdq	4	✓	50.0	53.8	107.6
am 28 cal 5 mdq	5	✓	100.0	99.8	99.8
am28 cal 6 mdq	6	✓	250.0	212.0	84.8
am 28 cal 7 mdq	7	✗	500.0	349.3	69.9
am 28 cal 8 mdq	8	✗	1000.0	495.5	49.5

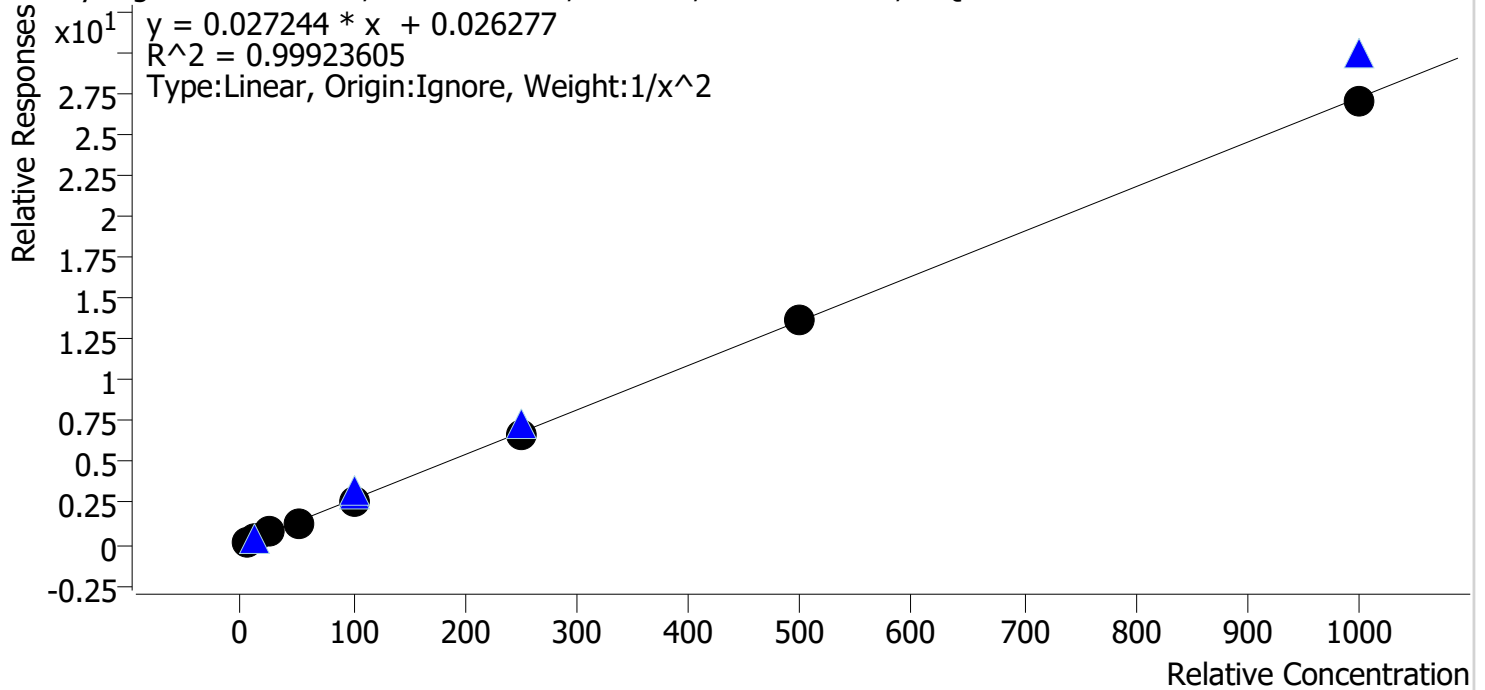
cal 7 & 8 do not meet accuracy requirements

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

Benzoylecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



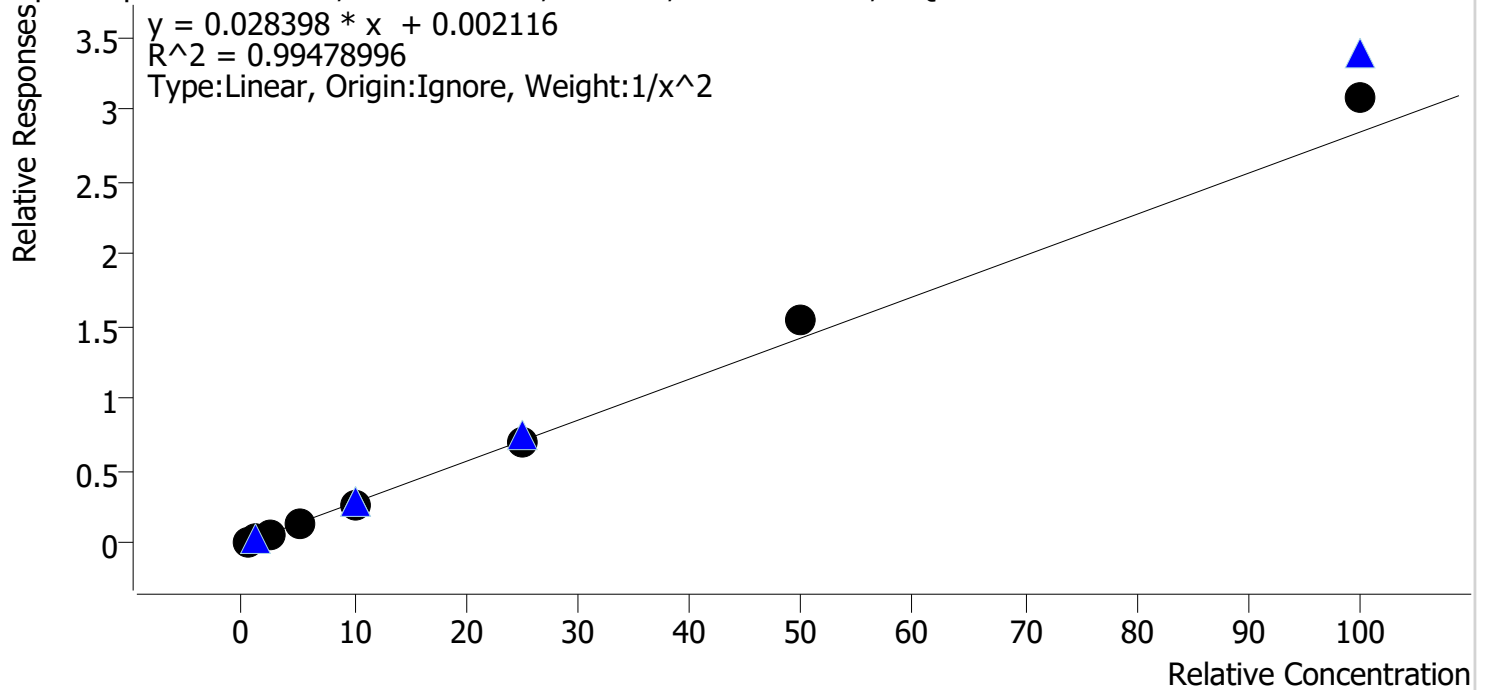
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	97.6
am 28 cal 2 mdq	2	✓	10.0	10.4	104.5
am 28 cal 3 mdq	3	✓	25.0	25.6	102.2
am 28 cal 4 mdq	4	✓	50.0	48.8	97.7
am 28 cal 5 mdq	5	✓	100.0	99.0	99.0
am28 cal 6 mdq	6	✓	250.0	246.8	98.7
am 28 cal 7 mdq	7	✓	500.0	505.3	101.1
am 28 cal 8 mdq	8	✓	1000.0	992.6	99.3

Compound Calibration Report

Boylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



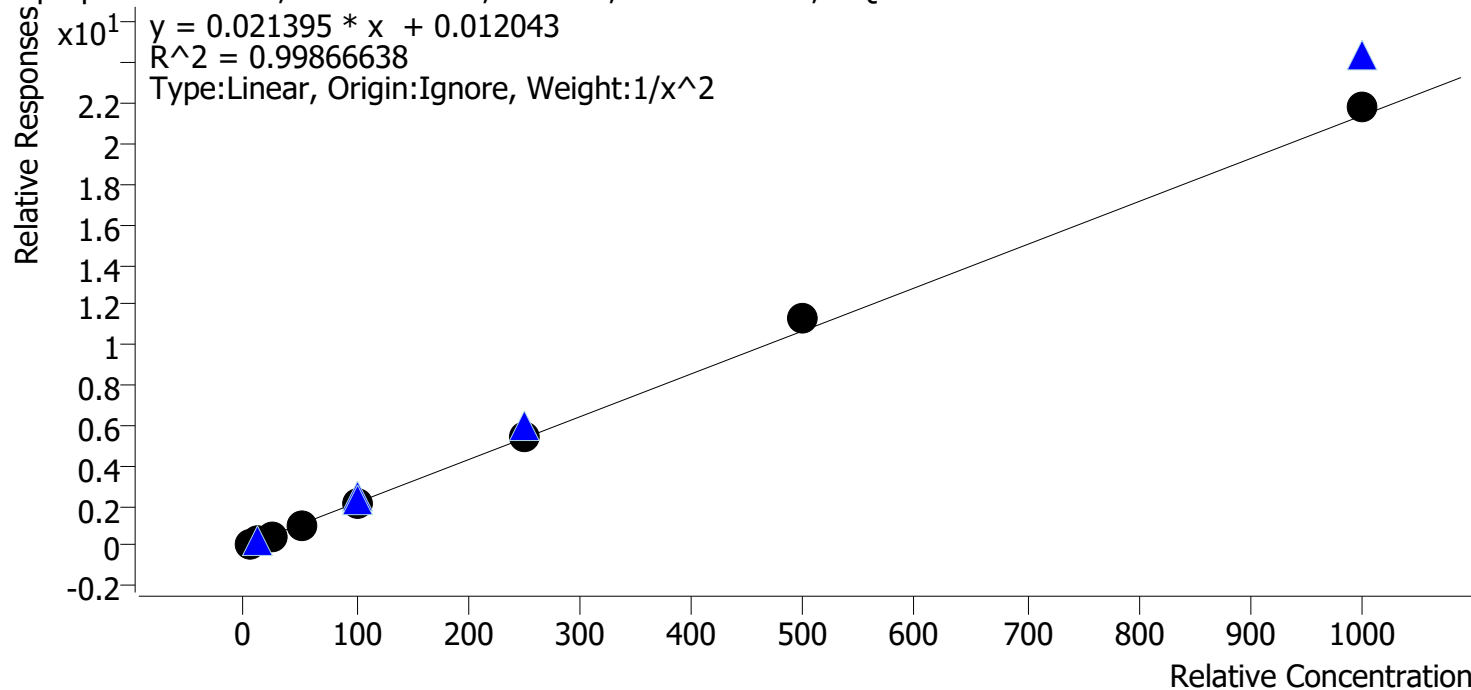
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	0.5	0.5	100.0
am 28 cal 2 mdq	2	✓	1.0	1.0	103.5
am 28 cal 3 mdq	3	✓	2.5	2.4	97.0
am 28 cal 4 mdq	4	✓	5.0	4.6	91.1
am 28 cal 5 mdq	5	✓	10.0	9.5	94.8
am28 cal 6 mdq	6	✓	25.0	24.3	97.0
am 28 cal 7 mdq	7	✓	50.0	54.3	108.6
am 28 cal 8 mdq	8	✓	100.0	108.1	108.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

Bupropion - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



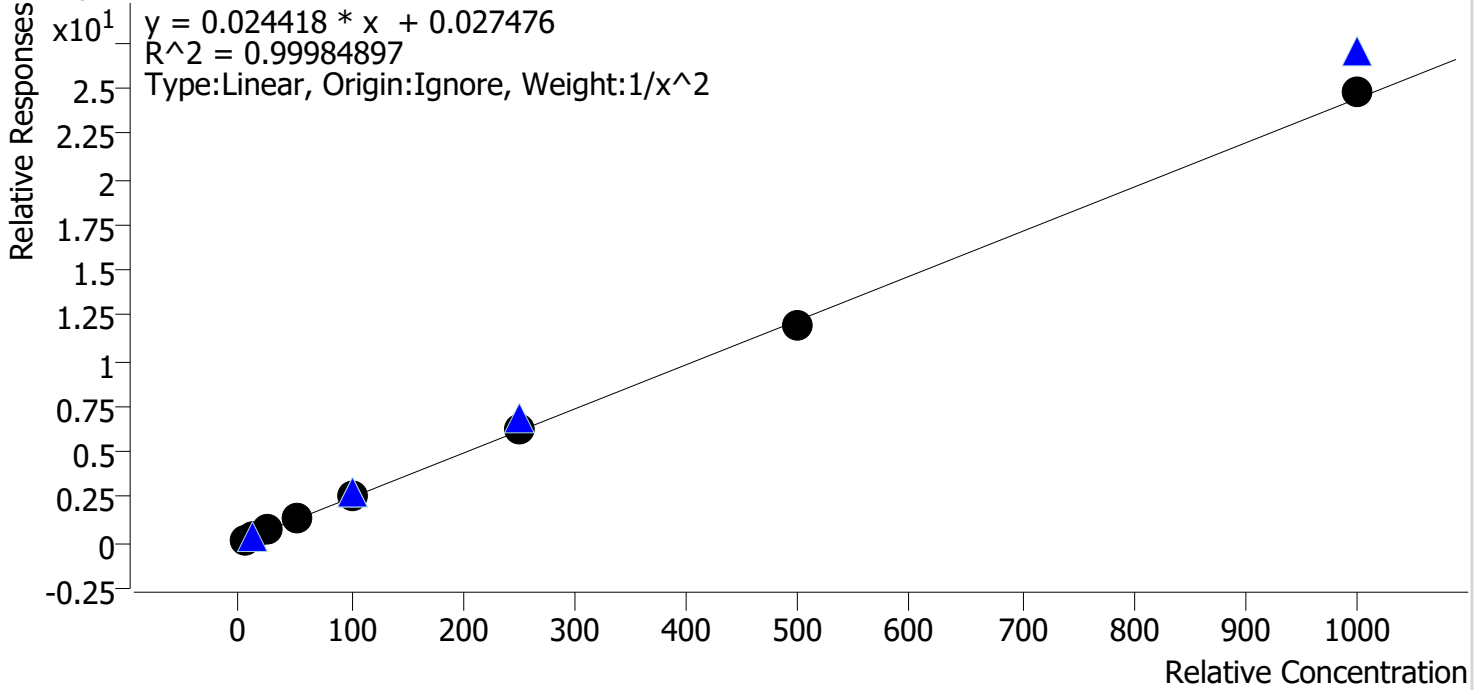
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	102.4
am 28 cal 2 mdq	2	✓	10.0	9.7	96.9
am 28 cal 3 mdq	3	✓	25.0	24.3	97.2
am 28 cal 4 mdq	4	✓	50.0	48.4	96.8
am 28 cal 5 mdq	5	✓	100.0	98.1	98.1
am28 cal 6 mdq	6	✓	250.0	252.3	100.9
am 28 cal 7 mdq	7	✓	500.0	526.2	105.2
am 28 cal 8 mdq	8	✓	1000.0	1023.4	102.3

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

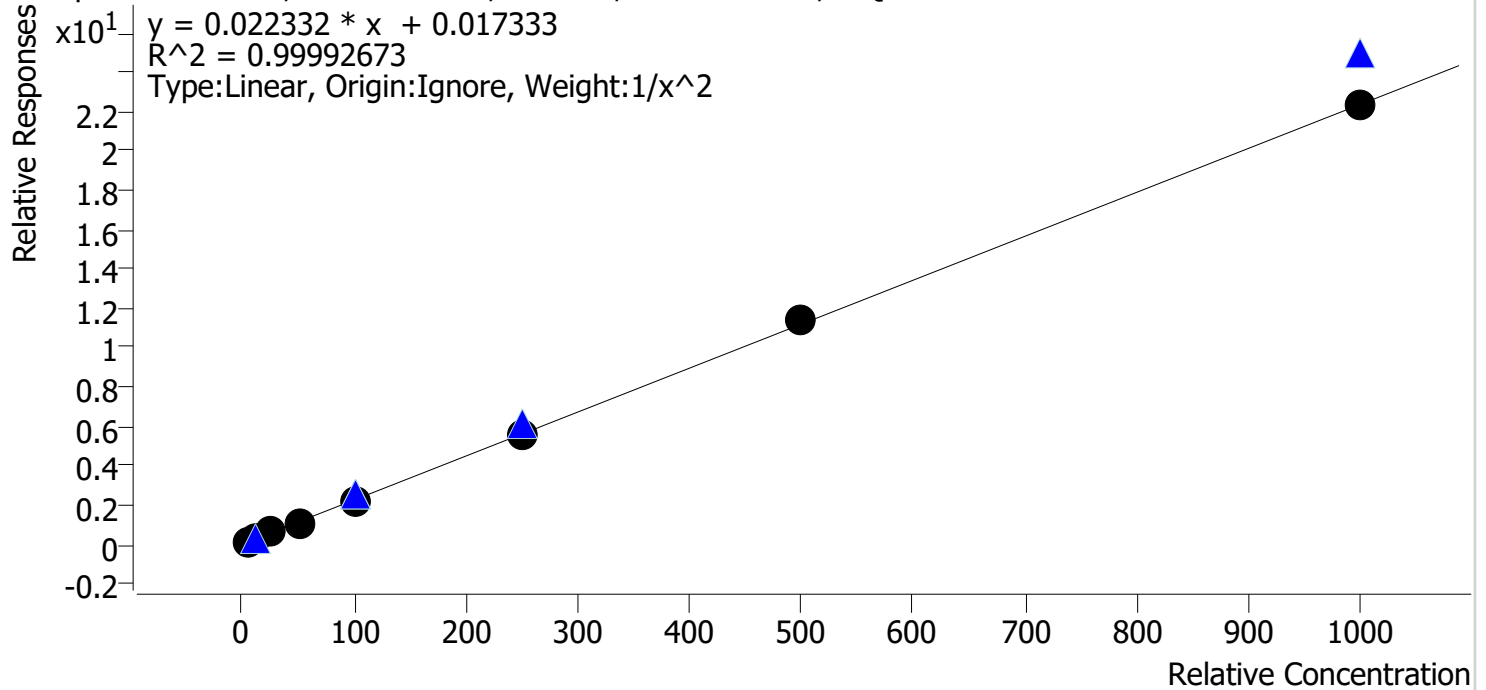


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.2
am 28 cal 2 mdq	2	✓	10.0	10.0	99.5
am 28 cal 3 mdq	3	✓	25.0	25.0	100.1
am 28 cal 4 mdq	4	✓	50.0	49.9	99.8
am 28 cal 5 mdq	5	✓	100.0	100.5	100.5
am28 cal 6 mdq	6	✓	250.0	250.7	100.3
am 28 cal 7 mdq	7	✓	500.0	489.5	97.9
am 28 cal 8 mdq	8	✓	1000.0	1017.0	101.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

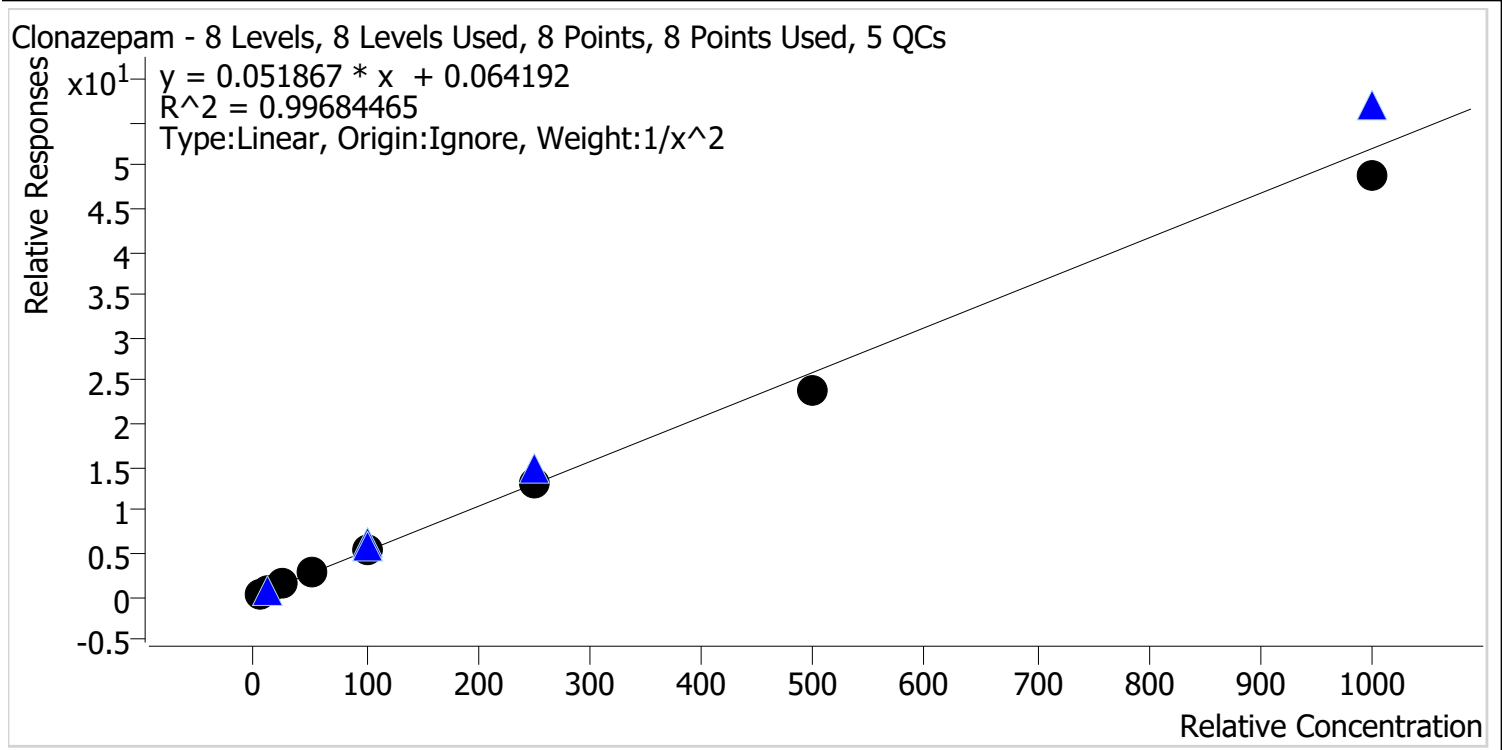


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.2
am 28 cal 2 mdq	2	✓	10.0	10.0	99.9
am 28 cal 3 mdq	3	✓	25.0	24.9	99.5
am 28 cal 4 mdq	4	✓	50.0	49.6	99.3
am 28 cal 5 mdq	5	✓	100.0	99.9	99.9
am28 cal 6 mdq	6	✓	250.0	248.3	99.3
am 28 cal 7 mdq	7	✓	500.0	508.0	101.6
am 28 cal 8 mdq	8	✓	1000.0	1002.0	100.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** **Clonazepam-D4**



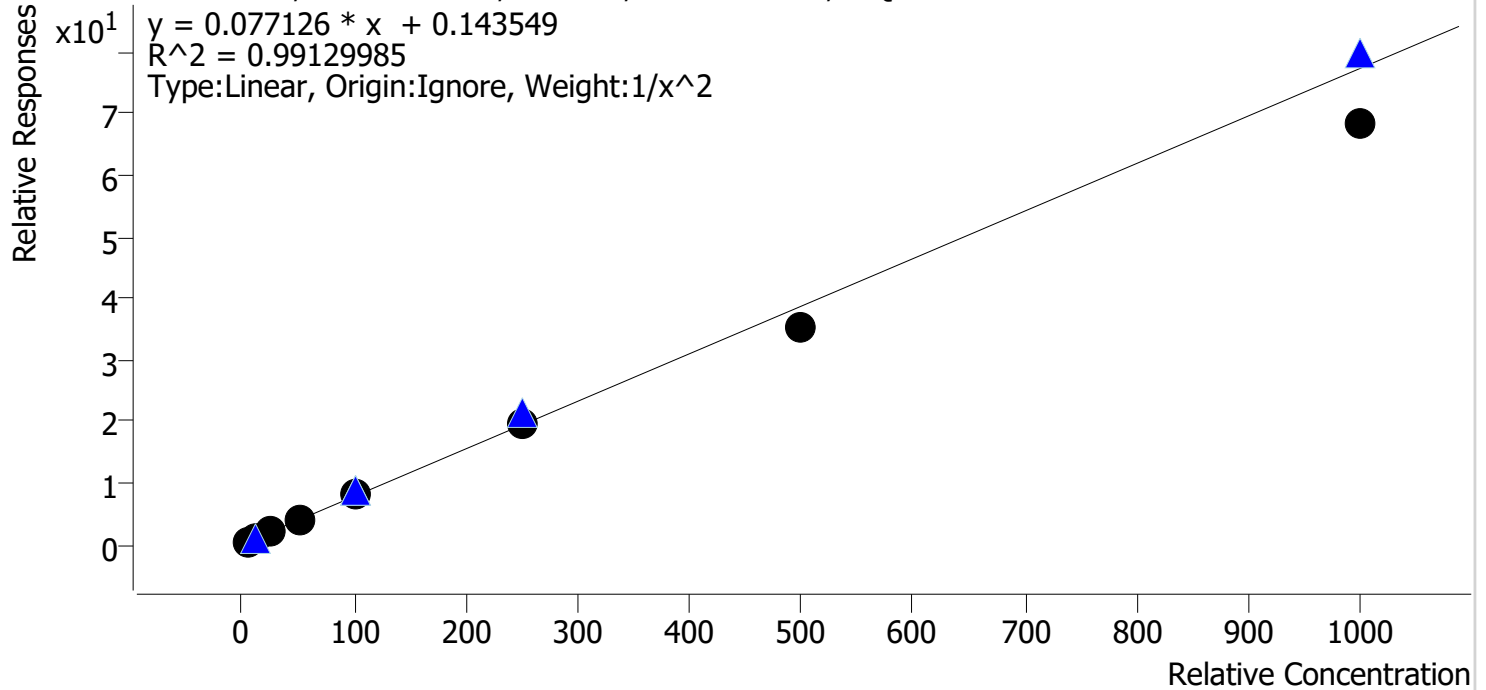
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.9
am 28 cal 2 mdq	2	✓	10.0	9.9	99.3
am 28 cal 3 mdq	3	✓	25.0	26.3	105.1
am 28 cal 4 mdq	4	✓	50.0	51.0	102.1
am 28 cal 5 mdq	5	✓	100.0	106.1	106.1
am28 cal 6 mdq	6	✓	250.0	255.2	102.1
am 28 cal 7 mdq	7	✓	500.0	462.6	92.5
am 28 cal 8 mdq	8	✓	1000.0	939.0	93.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

Clonazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



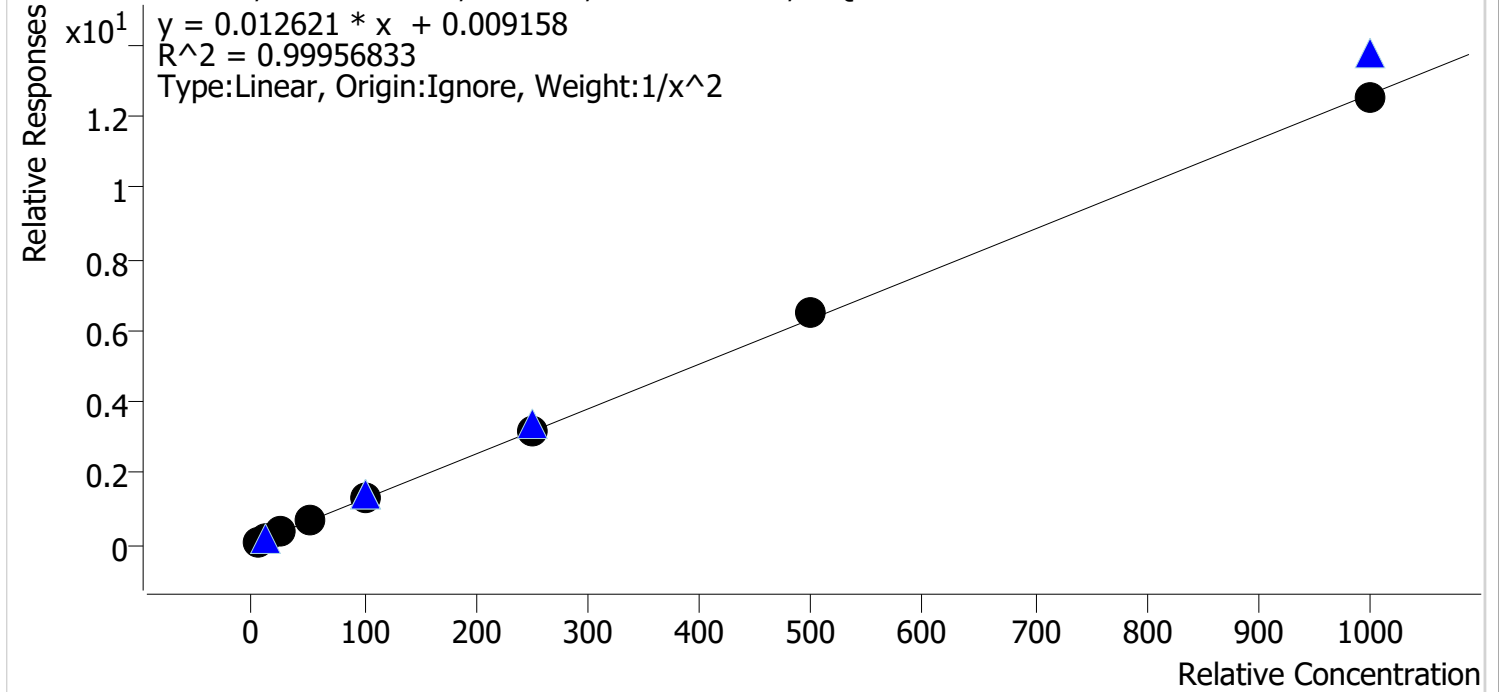
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.7	93.5
am 28 cal 2 mdq	2	✓	10.0	10.8	108.0
am 28 cal 3 mdq	3	✓	25.0	27.3	109.2
am 28 cal 4 mdq	4	✓	50.0	52.7	105.3
am 28 cal 5 mdq	5	✓	100.0	103.7	103.7
am28 cal 6 mdq	6	✓	250.0	253.4	101.3
am 28 cal 7 mdq	7	✓	500.0	453.4	90.7
am 28 cal 8 mdq	8	✓	1000.0	881.2	88.1

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



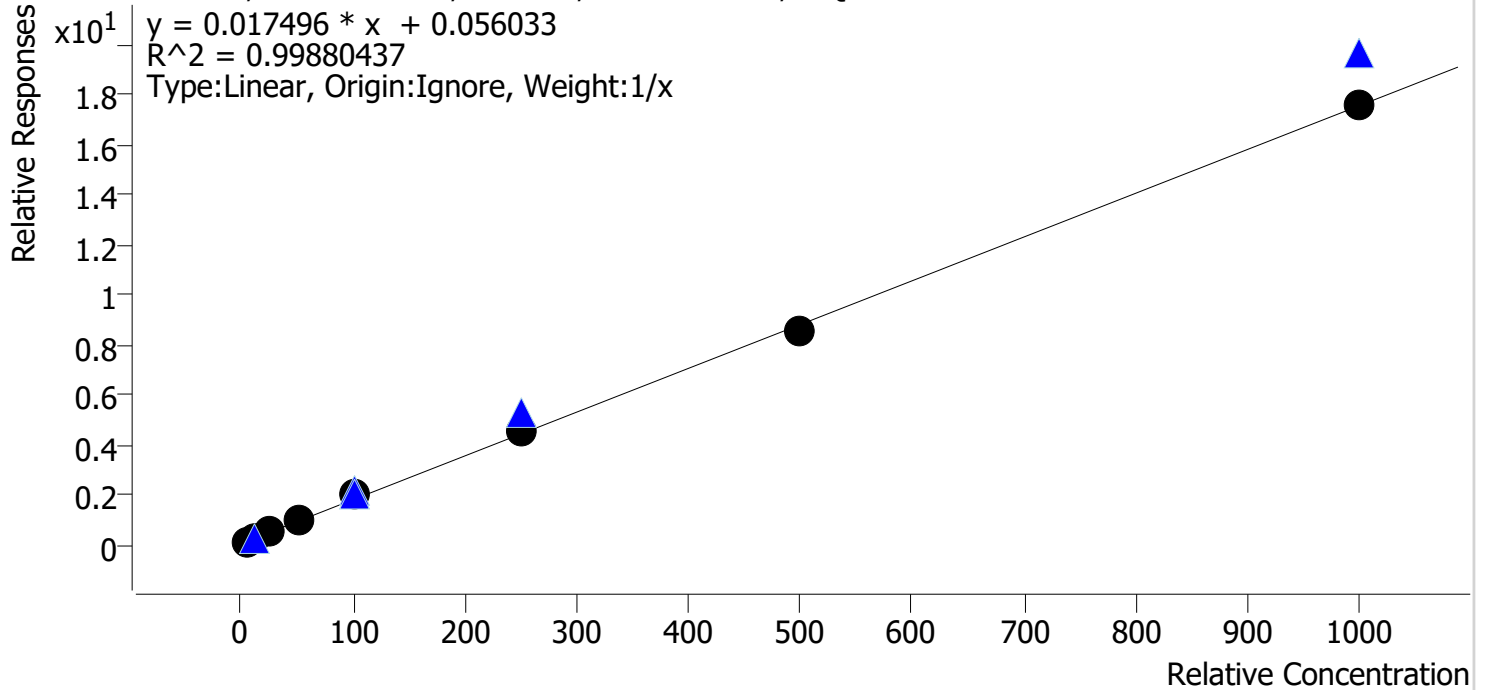
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	99.0
am 28 cal 2 mdq	2	✓	10.0	10.3	103.1
am 28 cal 3 mdq	3	✓	25.0	24.5	97.9
am 28 cal 4 mdq	4	✓	50.0	49.5	98.9
am 28 cal 5 mdq	5	✓	100.0	99.6	99.6
am28 cal 6 mdq	6	✓	250.0	249.1	99.6
am 28 cal 7 mdq	7	✓	500.0	512.0	102.4
am 28 cal 8 mdq	8	✓	1000.0	994.4	99.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



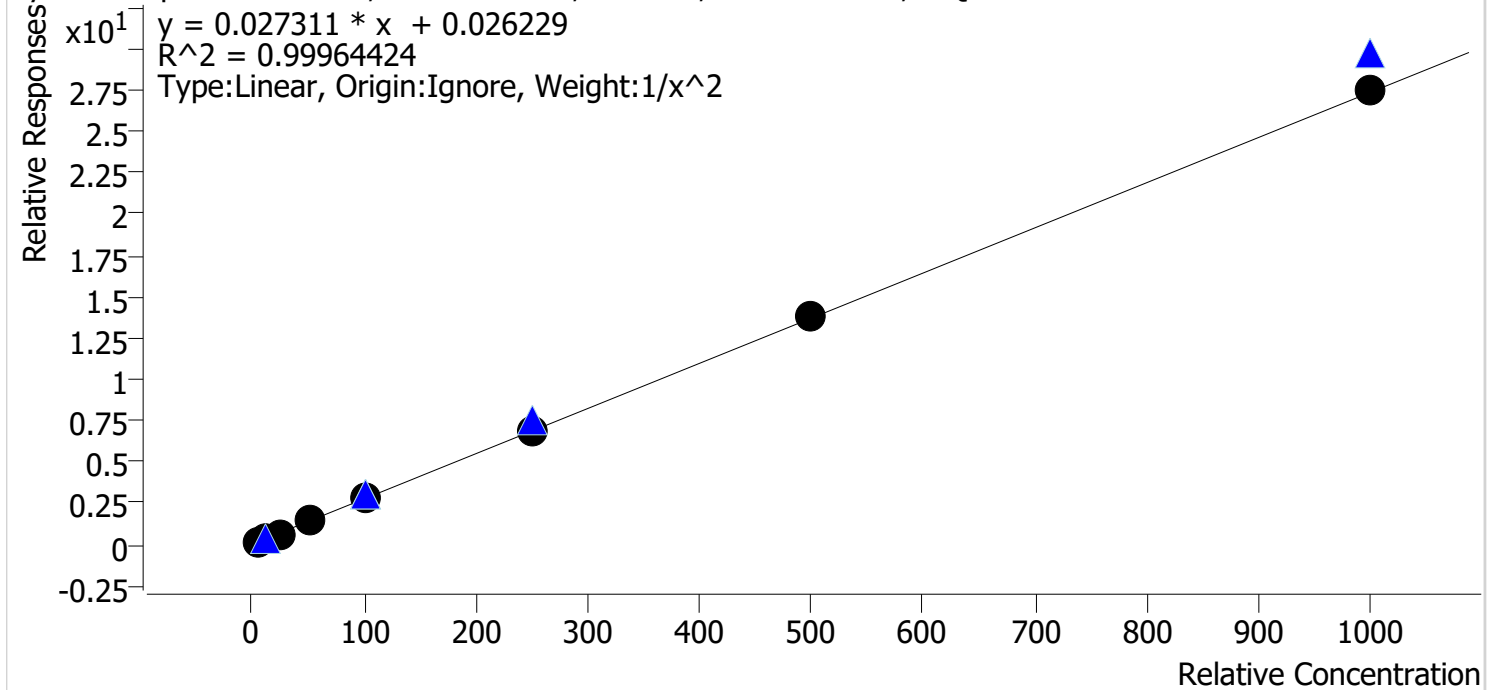
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	3.9	77.5
am 28 cal 2 mdq	2	✓	10.0	10.2	101.9
am 28 cal 3 mdq	3	✓	25.0	26.8	107.3
am 28 cal 4 mdq	4	✓	50.0	52.8	105.5
am 28 cal 5 mdq	5	✓	100.0	109.1	109.1
am28 cal 6 mdq	6	✓	250.0	255.8	102.3
am 28 cal 7 mdq	7	✓	500.0	482.6	96.5
am 28 cal 8 mdq	8	✓	1000.0	998.8	99.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



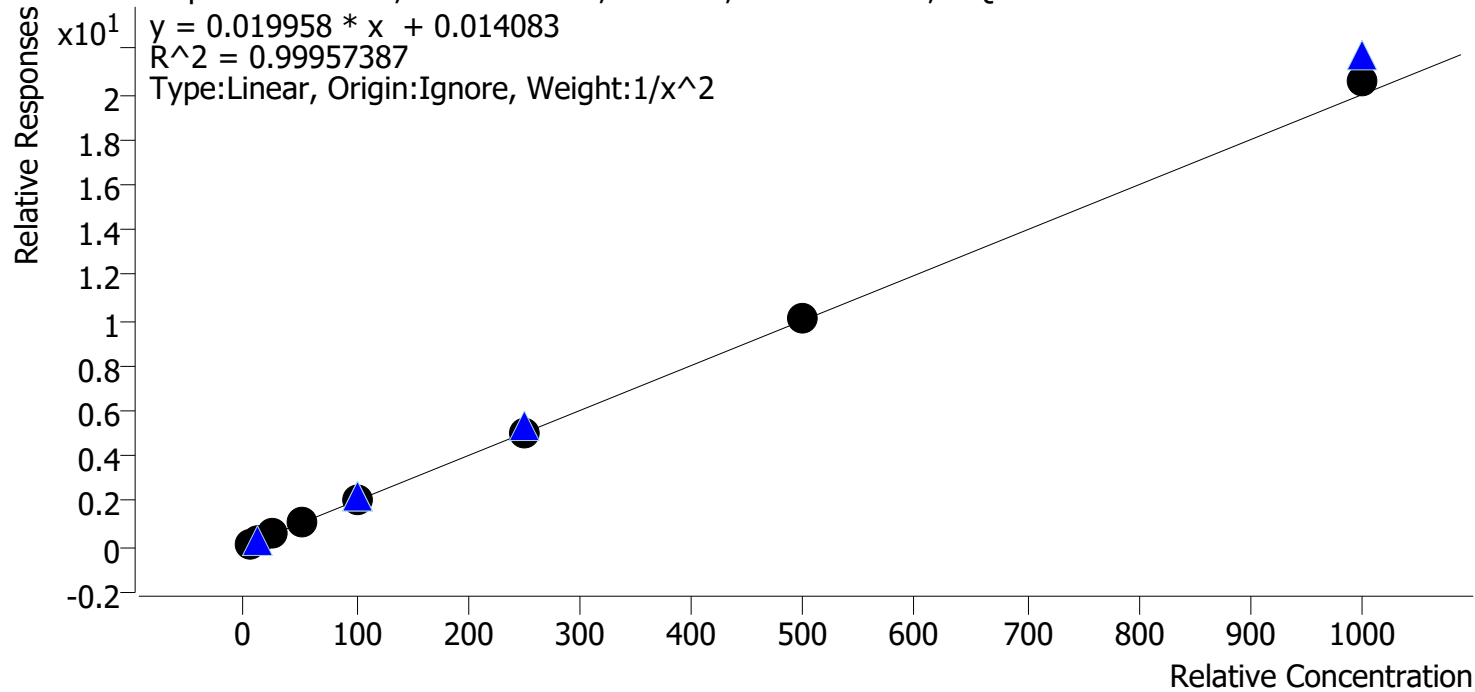
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.3
am 28 cal 2 mdq	2	✓	10.0	10.1	100.6
am 28 cal 3 mdq	3	✓	25.0	24.1	96.4
am 28 cal 4 mdq	4	✓	50.0	49.9	99.9
am 28 cal 5 mdq	5	✓	100.0	101.7	101.7
am28 cal 6 mdq	6	✓	250.0	248.6	99.4
am 28 cal 7 mdq	7	✓	500.0	507.5	101.5
am 28 cal 8 mdq	8	✓	1000.0	1001.5	100.1

Compound Calibration Report

Bylee

Batch results	D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin		
Last Cal. Update	6/21/2021 9:16 AM		
Analyst Name	ISP\datastor		
Analyte	Dextromethorphan	Internal Standard	Dextromethorphan-D3

Dextromethorphan - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

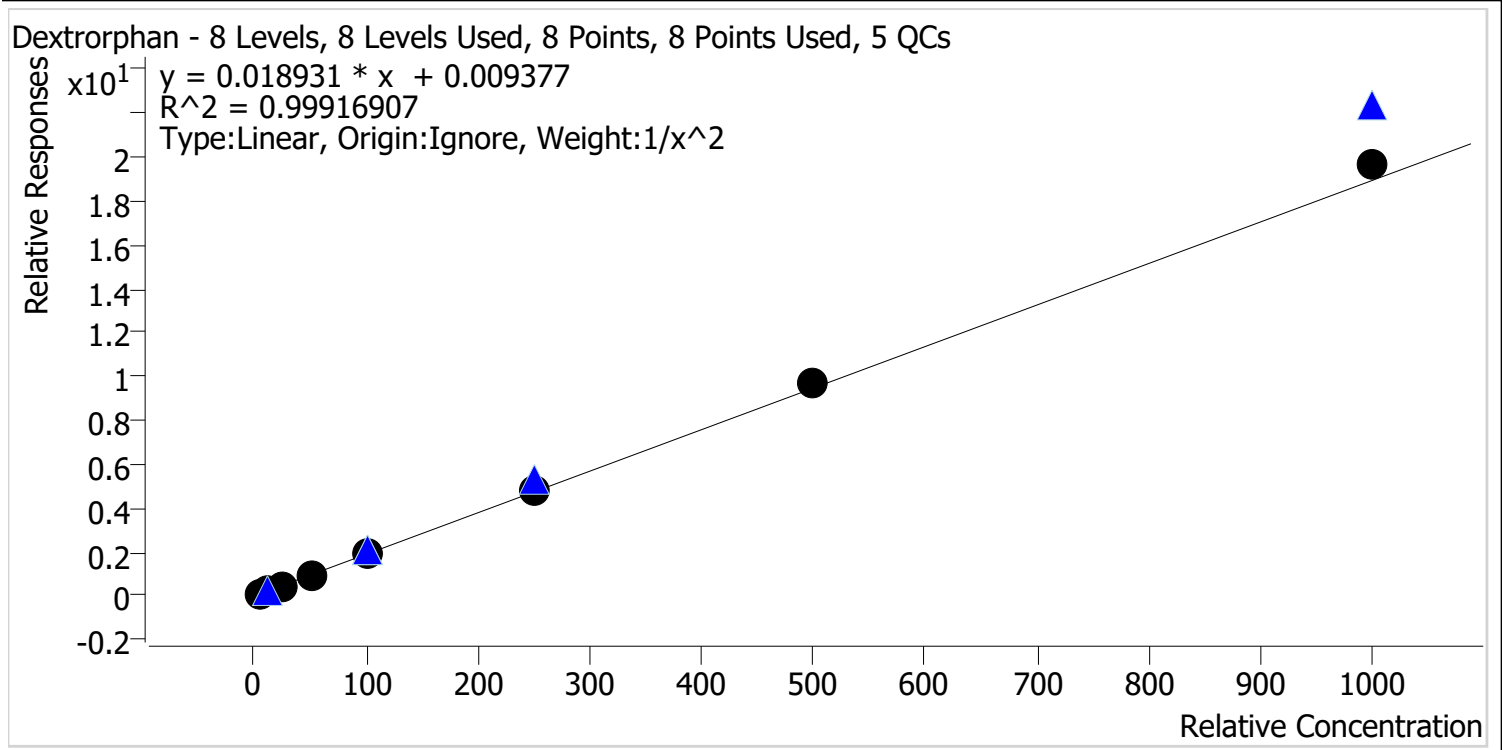


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.5
am 28 cal 2 mdq	2	✓	10.0	10.2	102.1
am 28 cal 3 mdq	3	✓	25.0	24.6	98.4
am 28 cal 4 mdq	4	✓	50.0	48.8	97.6
am 28 cal 5 mdq	5	✓	100.0	98.8	98.8
am28 cal 6 mdq	6	✓	250.0	250.6	100.3
am 28 cal 7 mdq	7	✓	500.0	502.1	100.4
am 28 cal 8 mdq	8	✓	1000.0	1028.1	102.8

Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



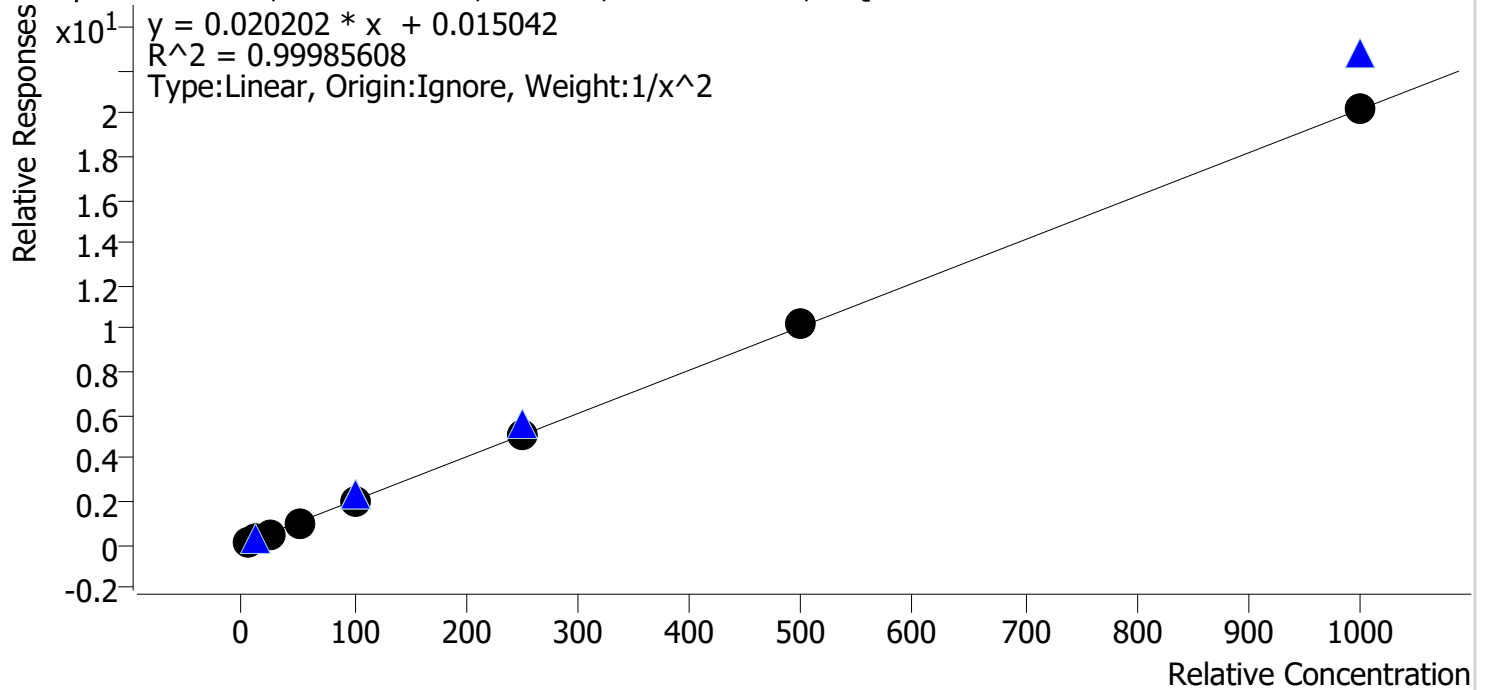
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.0
am 28 cal 2 mdq	2	✓	10.0	10.0	99.6
am 28 cal 3 mdq	3	✓	25.0	24.4	97.4
am 28 cal 4 mdq	4	✓	50.0	48.7	97.3
am 28 cal 5 mdq	5	✓	100.0	98.1	98.1
am28 cal 6 mdq	6	✓	250.0	249.1	99.6
am 28 cal 7 mdq	7	✓	500.0	513.1	102.6
am 28 cal 8 mdq	8	✓	1000.0	1042.6	104.3

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** **Diazepam-D5**

Diazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.7
am 28 cal 2 mdq	2	✓	10.0	10.1	101.3
am 28 cal 3 mdq	3	✓	25.0	24.6	98.5
am 28 cal 4 mdq	4	✓	50.0	50.0	100.0
am 28 cal 5 mdq	5	✓	100.0	99.5	99.5
am28 cal 6 mdq	6	✓	250.0	247.5	99.0
am 28 cal 7 mdq	7	✓	500.0	507.0	101.4
am 28 cal 8 mdq	8	✓	1000.0	1006.2	100.6

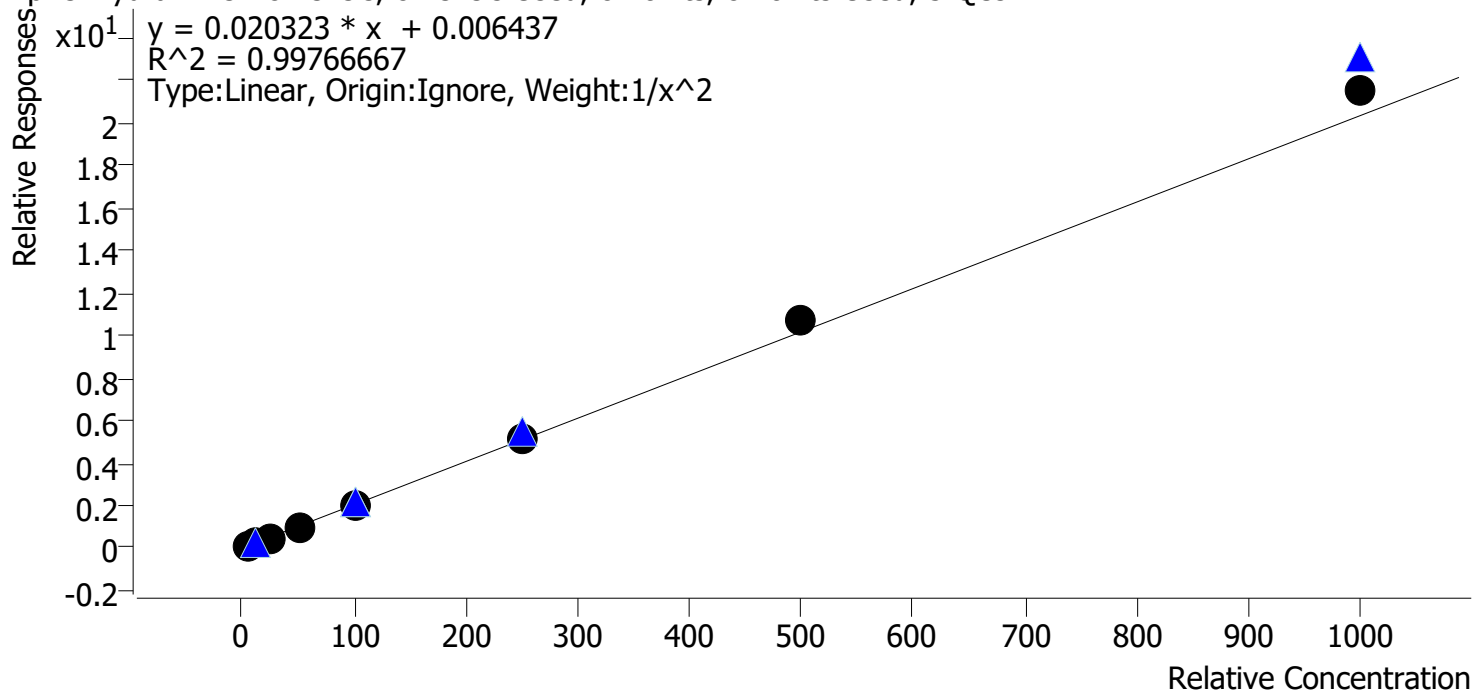
Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine

Internal Standard Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



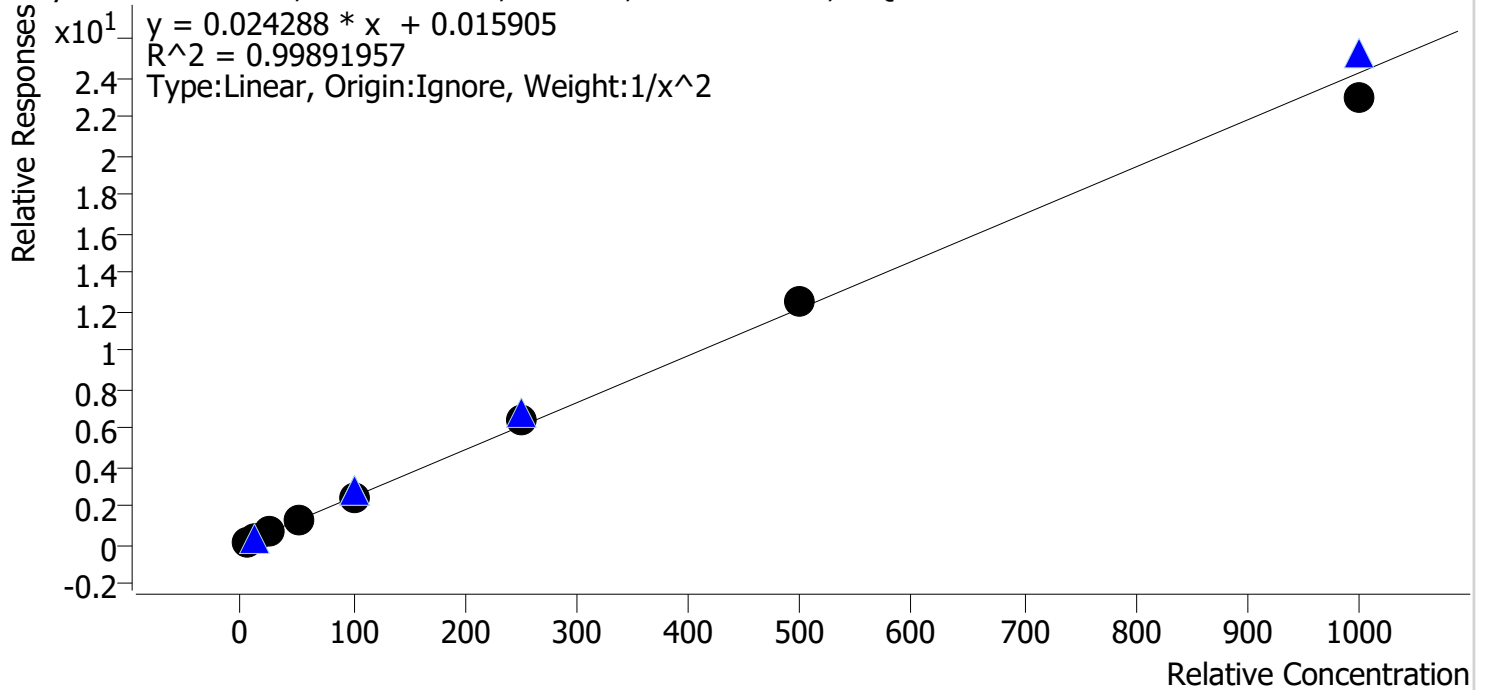
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	102.7
am 28 cal 2 mdq	2	✓	10.0	9.8	97.6
am 28 cal 3 mdq	3	✓	25.0	23.6	94.3
am 28 cal 4 mdq	4	✓	50.0	48.0	96.1
am 28 cal 5 mdq	5	✓	100.0	98.2	98.2
am28 cal 6 mdq	6	✓	250.0	250.7	100.3
am 28 cal 7 mdq	7	✓	500.0	525.2	105.0
am 28 cal 8 mdq	8	✓	1000.0	1057.5	105.8

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

Doxylamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

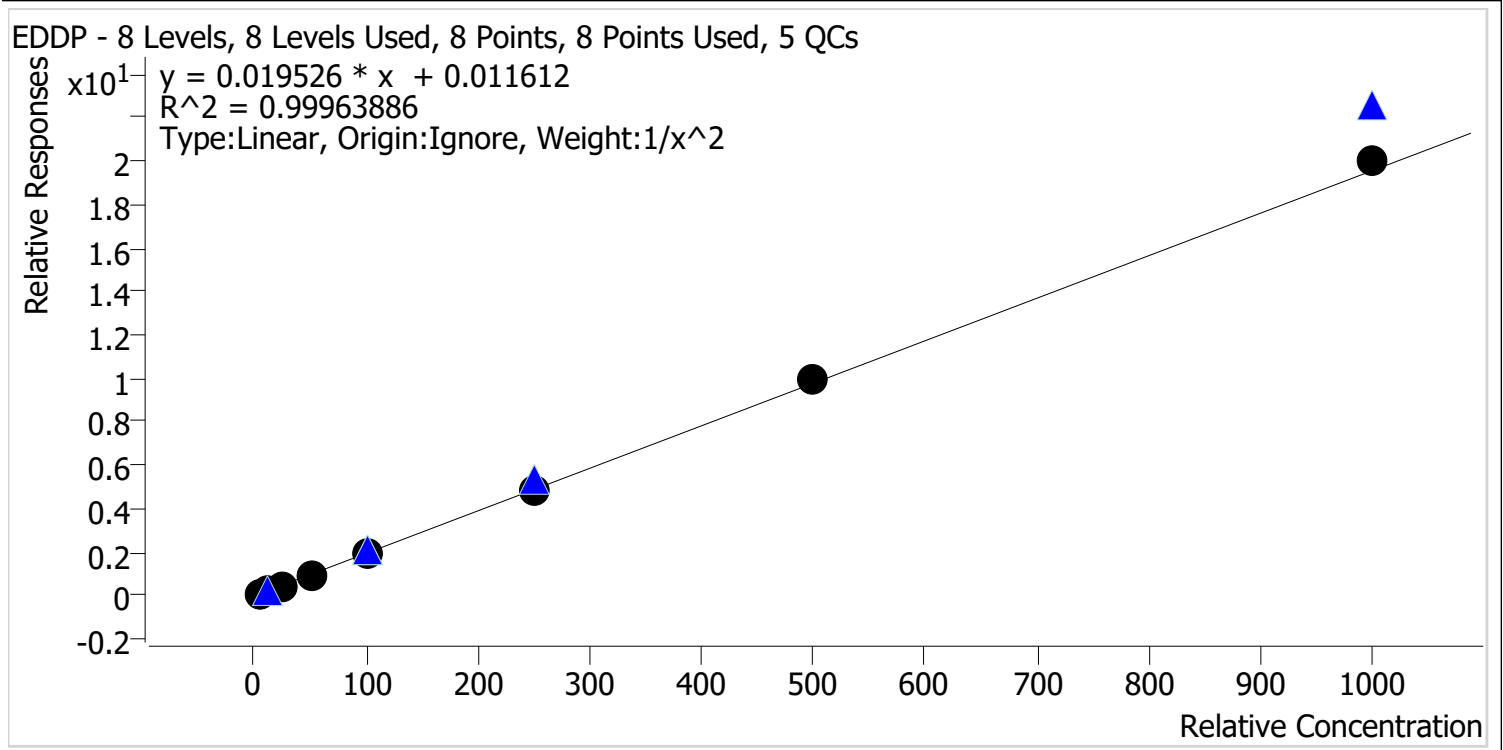


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.9
am 28 cal 2 mdq	2	✓	10.0	9.9	98.8
am 28 cal 3 mdq	3	✓	25.0	24.6	98.3
am 28 cal 4 mdq	4	✓	50.0	49.7	99.5
am 28 cal 5 mdq	5	✓	100.0	100.1	100.1
am28 cal 6 mdq	6	✓	250.0	259.8	103.9
am 28 cal 7 mdq	7	✓	500.0	517.1	103.4
am 28 cal 8 mdq	8	✓	1000.0	950.5	95.0

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



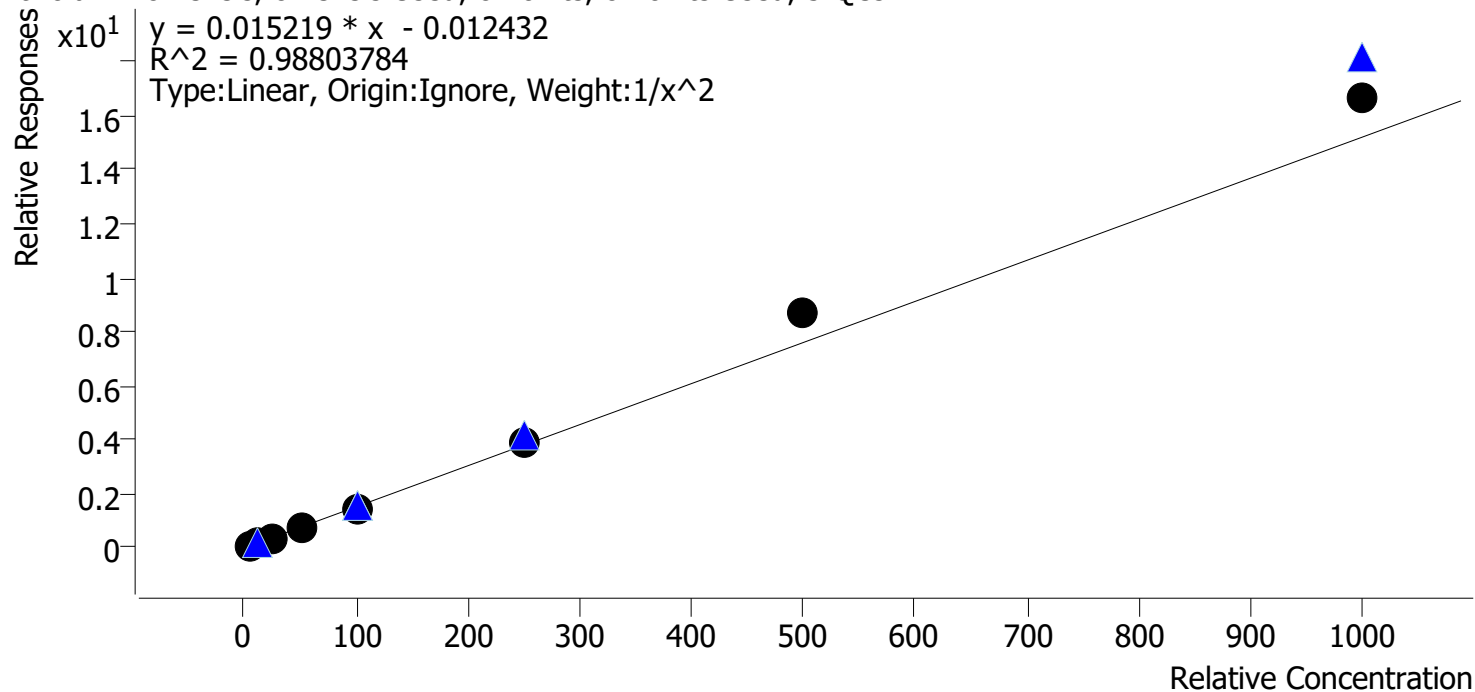
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.5
am 28 cal 2 mdq	2	✓	10.0	10.0	100.2
am 28 cal 3 mdq	3	✓	25.0	24.5	98.0
am 28 cal 4 mdq	4	✓	50.0	49.2	98.3
am 28 cal 5 mdq	5	✓	100.0	99.0	99.0
am28 cal 6 mdq	6	✓	250.0	248.3	99.3
am 28 cal 7 mdq	7	✓	500.0	509.9	102.0
am 28 cal 8 mdq	8	✓	1000.0	1026.2	102.6

Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Alprazolam-D5

Etizolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

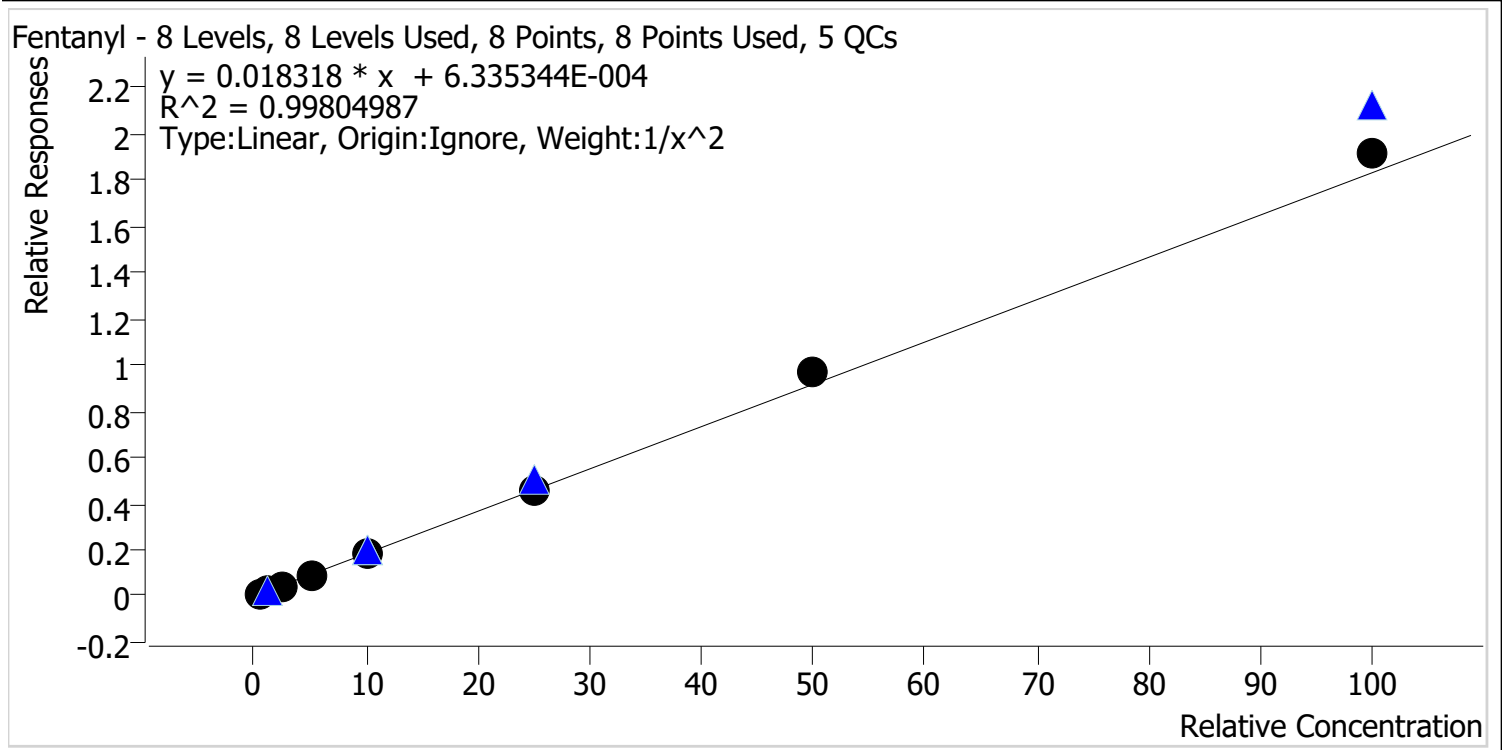


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.2	104.9
am 28 cal 2 mdq	2	✓	10.0	9.8	97.7
am 28 cal 3 mdq	3	✓	25.0	21.7	86.6
am 28 cal 4 mdq	4	✓	50.0	44.7	89.3
am 28 cal 5 mdq	5	✓	100.0	96.1	96.1
am28 cal 6 mdq	6	✓	250.0	253.5	101.4
am 28 cal 7 mdq	7	✓	500.0	571.5	114.3
am 28 cal 8 mdq	8	✓	1000.0	1097.0	109.7

Compound Calibration Report

B. Wylee

Batch results	D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update	6/21/2021 9:16 AM
Analyst Name	ISP\datastor
Analyte	Fentanyl
Internal Standard	Fentanyl-D5

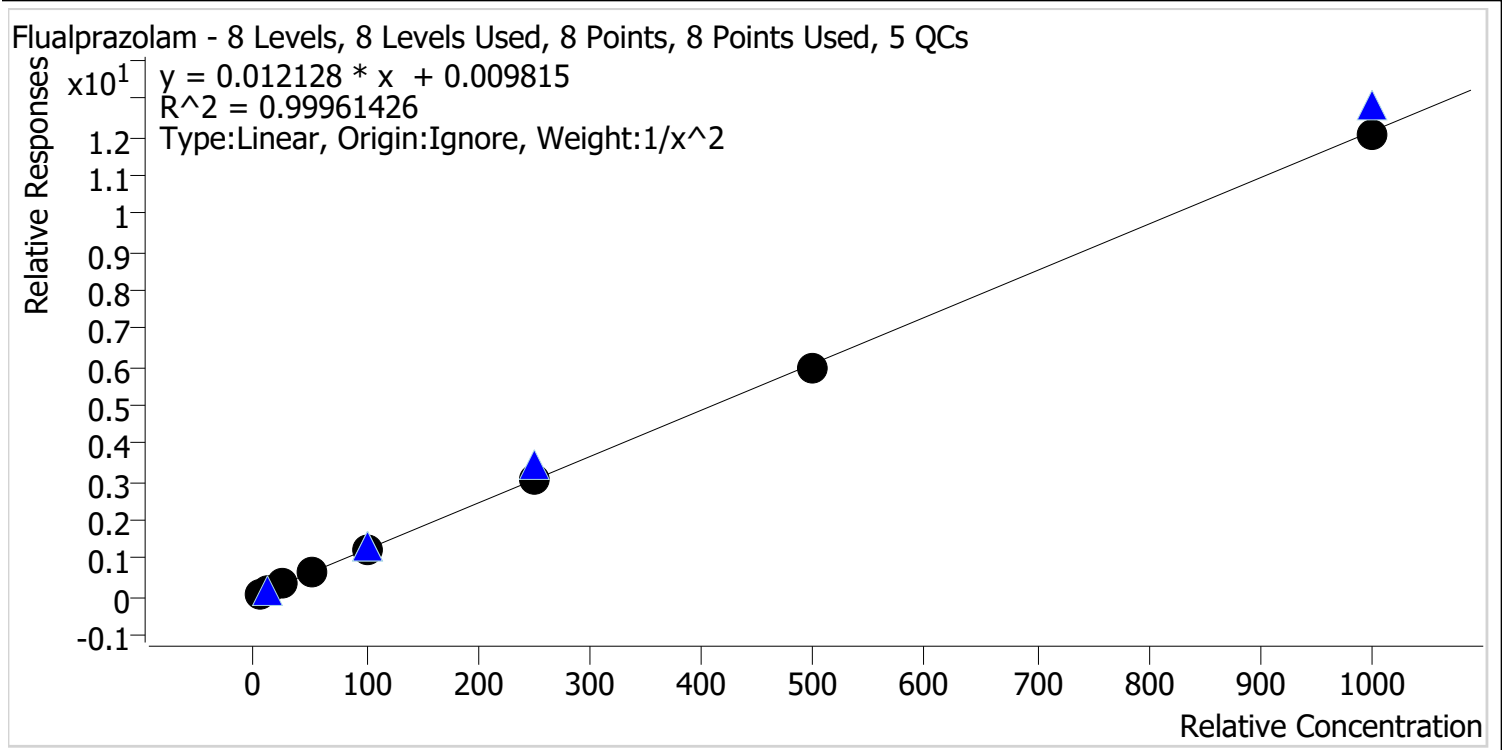


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	0.5	0.5	100.8
am 28 cal 2 mdq	2	✓	1.0	1.0	101.1
am 28 cal 3 mdq	3	✓	2.5	2.4	95.8
am 28 cal 4 mdq	4	✓	5.0	4.8	95.8
am 28 cal 5 mdq	5	✓	10.0	9.6	96.1
am28 cal 6 mdq	6	✓	25.0	25.1	100.4
am 28 cal 7 mdq	7	✓	50.0	52.7	105.4
am 28 cal 8 mdq	8	✓	100.0	104.6	104.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.0
am 28 cal 2 mdq	2	✓	10.0	9.8	98.0
am 28 cal 3 mdq	3	✓	25.0	24.8	99.2
am 28 cal 4 mdq	4	✓	50.0	49.7	99.4
am 28 cal 5 mdq	5	✓	100.0	103.1	103.1
am28 cal 6 mdq	6	✓	250.0	253.4	101.4
am 28 cal 7 mdq	7	✓	500.0	492.8	98.6
am 28 cal 8 mdq	8	✓	1000.0	992.1	99.2

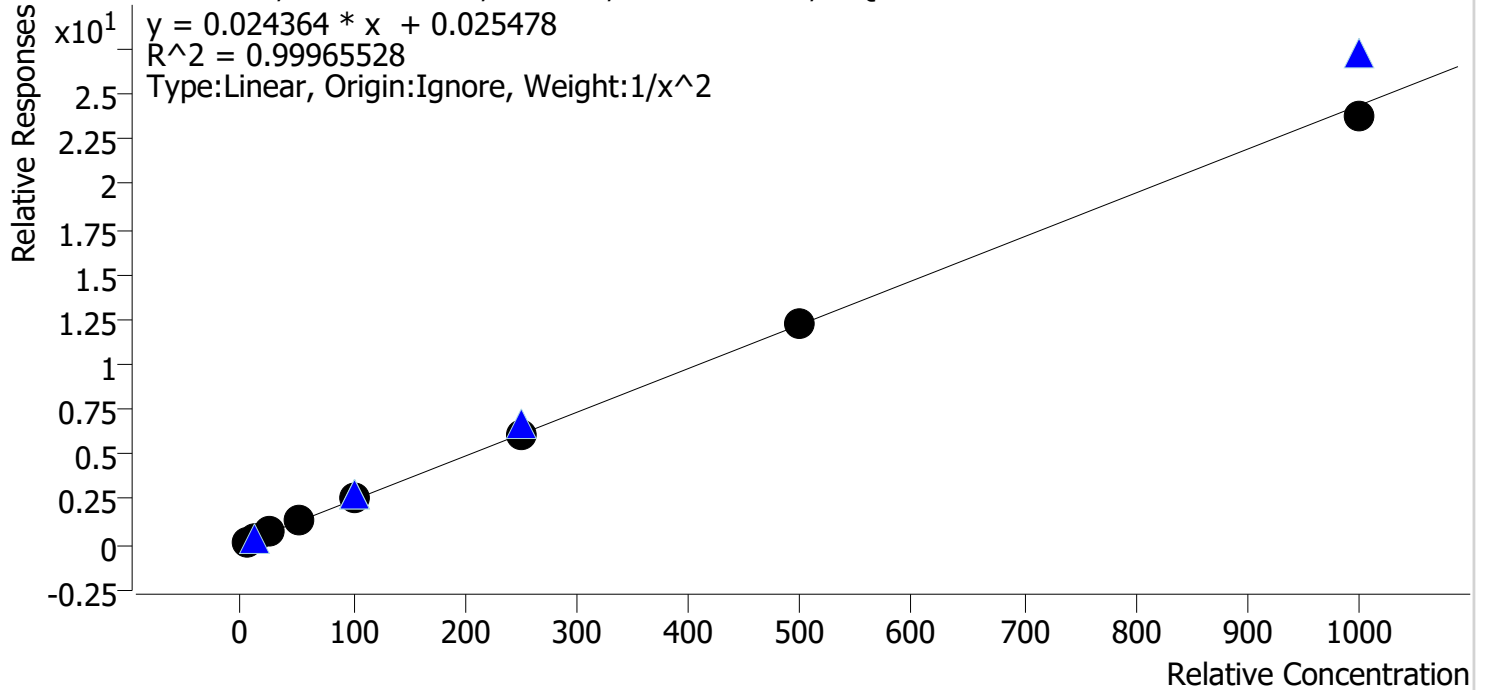
Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Fluoxetine

Internal Standard Fluoxetine-D6

Fluoxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

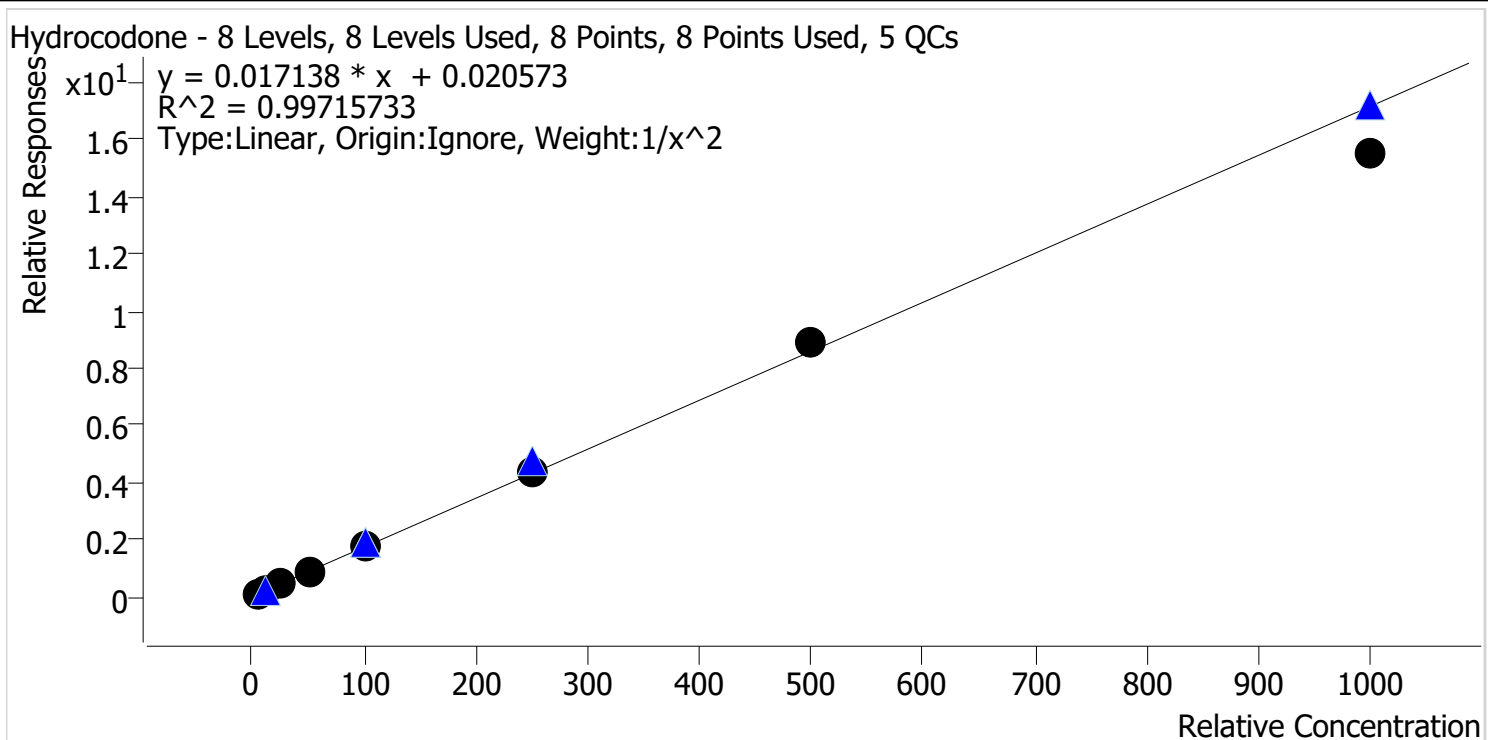


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.3
am 28 cal 2 mdq	2	✓	10.0	10.1	101.4
am 28 cal 3 mdq	3	✓	25.0	24.7	99.0
am 28 cal 4 mdq	4	✓	50.0	50.8	101.7
am 28 cal 5 mdq	5	✓	100.0	101.9	101.9
am28 cal 6 mdq	6	✓	250.0	247.1	98.8
am 28 cal 7 mdq	7	✓	500.0	502.6	100.5
am 28 cal 8 mdq	8	✓	1000.0	974.2	97.4

Compound Calibration Report

B. Wylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



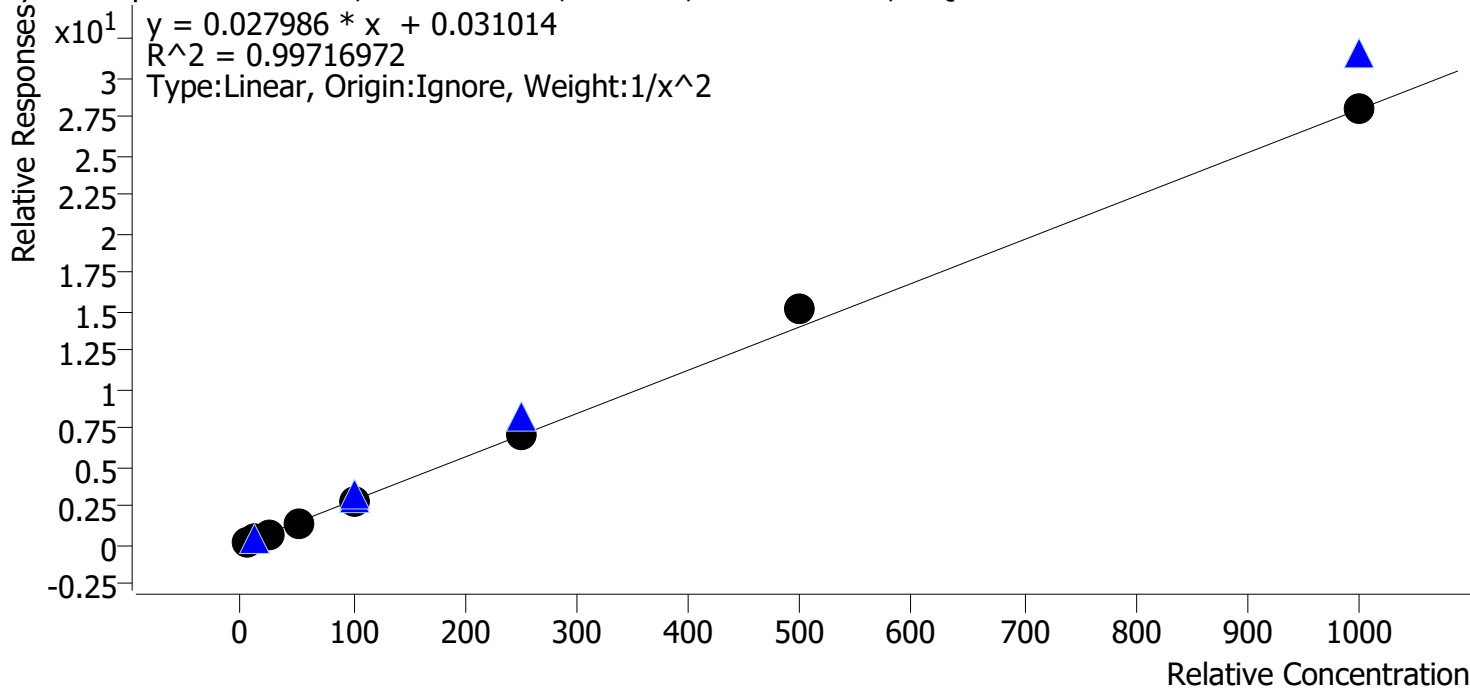
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.9
am 28 cal 2 mdq	2	✓	10.0	10.6	105.6
am 28 cal 3 mdq	3	✓	25.0	25.2	100.9
am 28 cal 4 mdq	4	✓	50.0	50.5	100.9
am 28 cal 5 mdq	5	✓	100.0	101.3	101.3
am28 cal 6 mdq	6	✓	250.0	250.4	100.2
am 28 cal 7 mdq	7	✓	500.0	518.9	103.8
am 28 cal 8 mdq	8	✓	1000.0	904.5	90.5

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



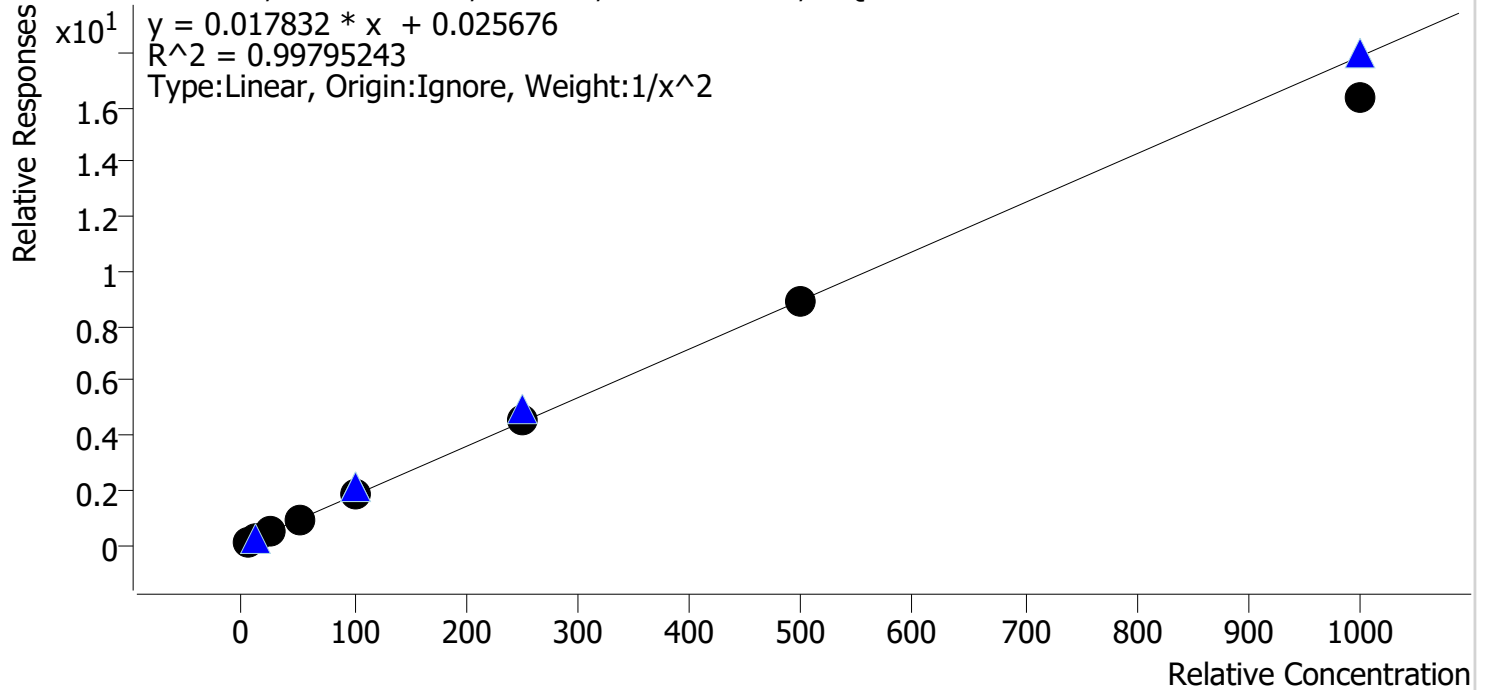
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.2	103.5
am 28 cal 2 mdq	2	✓	10.0	9.4	93.7
am 28 cal 3 mdq	3	✓	25.0	24.7	98.6
am 28 cal 4 mdq	4	✓	50.0	50.5	101.0
am 28 cal 5 mdq	5	✓	100.0	94.2	94.2
am28 cal 6 mdq	6	✓	250.0	251.6	100.6
am 28 cal 7 mdq	7	✓	500.0	538.7	107.7
am 28 cal 8 mdq	8	✓	1000.0	1005.9	100.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

Ketamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



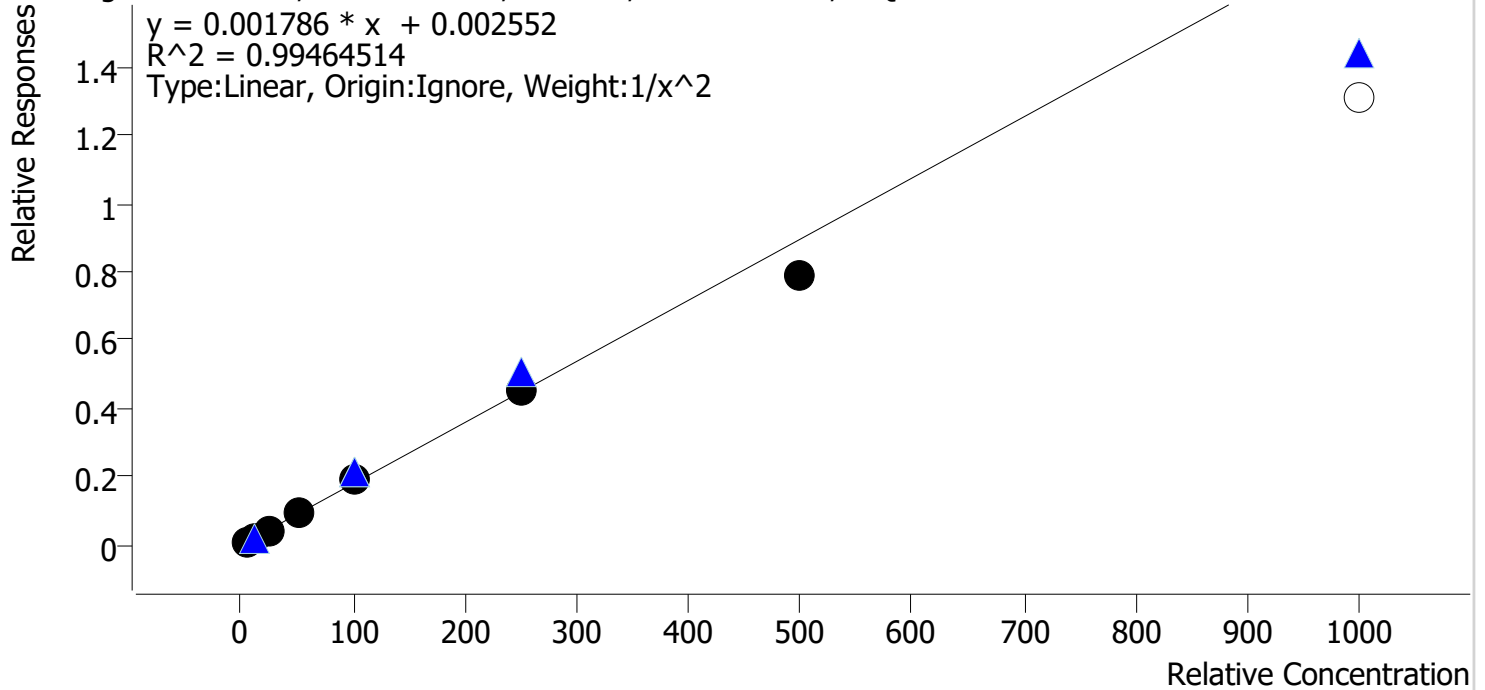
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	97.7
am 28 cal 2 mdq	2	✓	10.0	10.3	103.4
am 28 cal 3 mdq	3	✓	25.0	25.3	101.1
am 28 cal 4 mdq	4	✓	50.0	51.7	103.5
am 28 cal 5 mdq	5	✓	100.0	102.0	102.0
am28 cal 6 mdq	6	✓	250.0	253.8	101.5
am 28 cal 7 mdq	7	✓	500.0	496.4	99.3
am 28 cal 8 mdq	8	✓	1000.0	915.7	91.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

Lamotrigine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.3
am 28 cal 2 mdq	2	✓	10.0	10.0	100.2
am 28 cal 3 mdq	3	✓	25.0	24.5	98.1
am 28 cal 4 mdq	4	✓	50.0	54.5	108.9
am 28 cal 5 mdq	5	✓	100.0	104.2	104.2
am28 cal 6 mdq	6	✓	250.0	251.6	100.6
am 28 cal 7 mdq	7	✓	500.0	443.2	88.6
am 28 cal 8 mdq	8	✗	1000.0	732.6	73.3

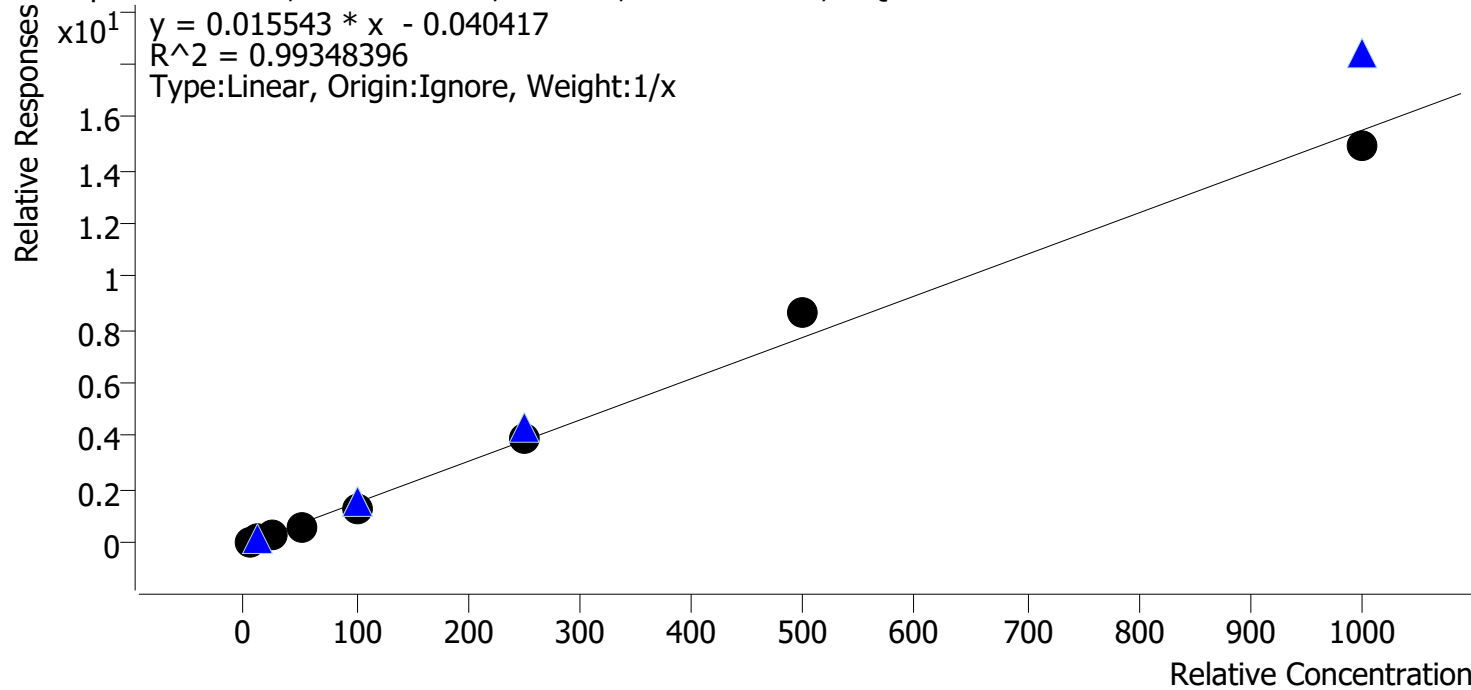
cal 8 does not meet accuracy requirements

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

Lorazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



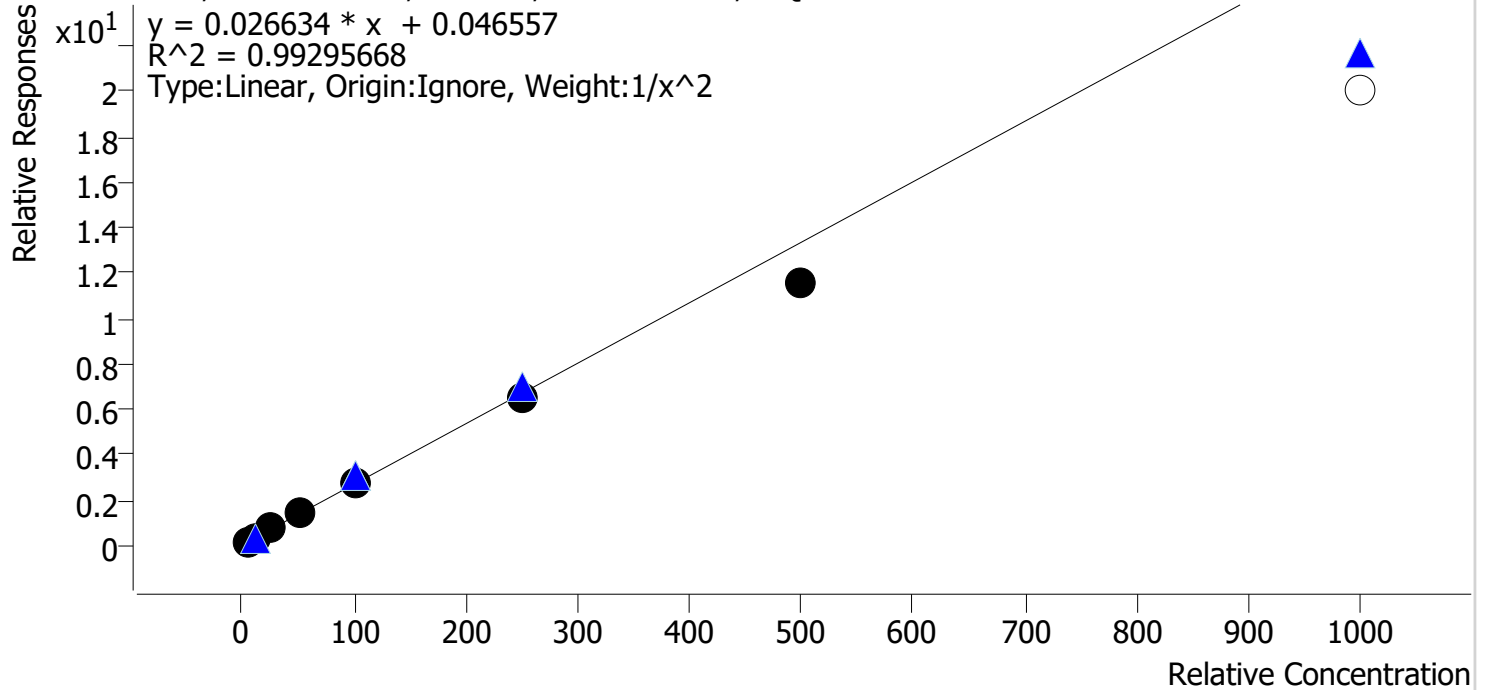
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	6.2	124.3
am 28 cal 2 mdq	2	✓	10.0	10.6	106.2
am 28 cal 3 mdq	3	✓	25.0	22.2	88.9
am 28 cal 4 mdq	4	✓	50.0	42.6	85.1
am 28 cal 5 mdq	5	✓	100.0	87.3	87.3
am28 cal 6 mdq	6	✓	250.0	251.1	100.4
am 28 cal 7 mdq	7	✓	500.0	558.2	111.6
am 28 cal 8 mdq	8	✓	1000.0	961.8	96.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	96.1
am 28 cal 2 mdq	2	✓	10.0	10.5	104.7
am 28 cal 3 mdq	3	✓	25.0	26.1	104.4
am 28 cal 4 mdq	4	✓	50.0	53.4	106.8
am 28 cal 5 mdq	5	✓	100.0	104.3	104.3
am28 cal 6 mdq	6	✓	250.0	242.1	96.8
am 28 cal 7 mdq	7	✓	500.0	434.3	86.9
am 28 cal 8 mdq	8	✗	1000.0	748.9	74.9

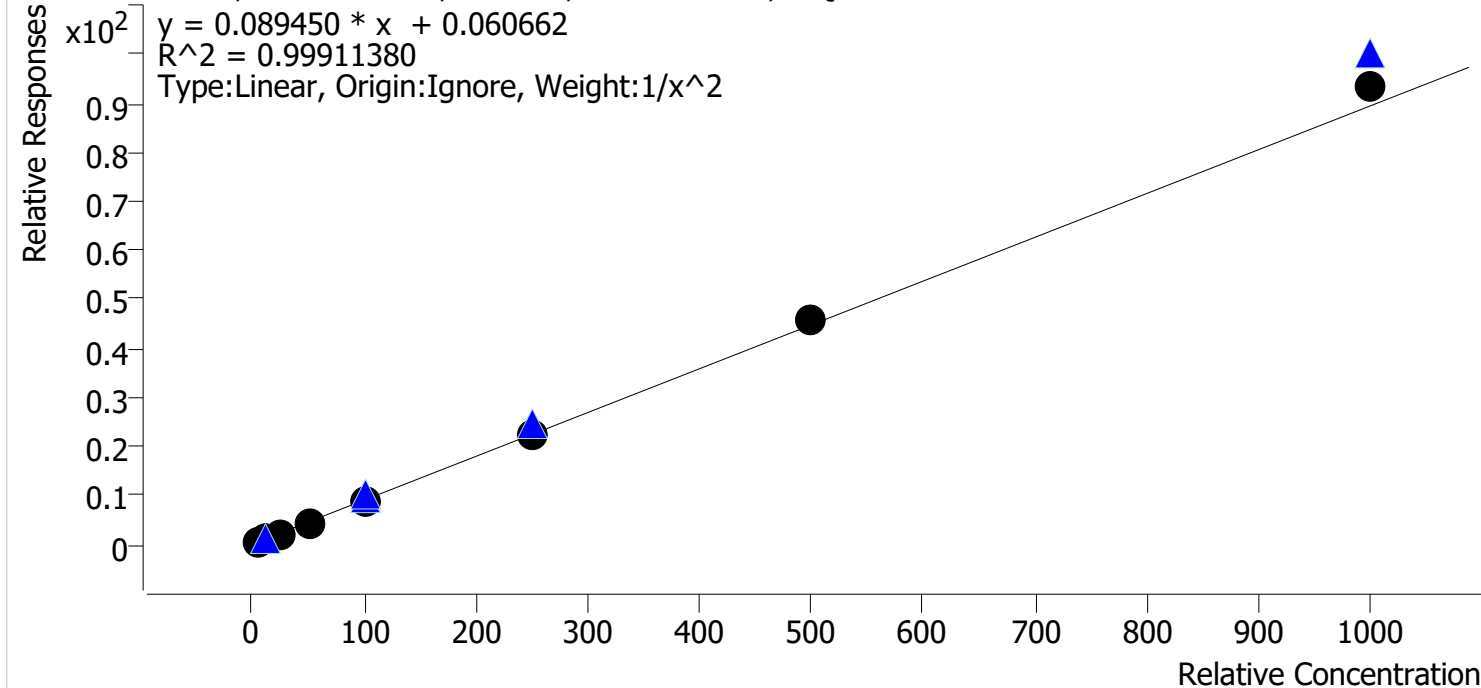
cal 8 does not meet accuracy requirements

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

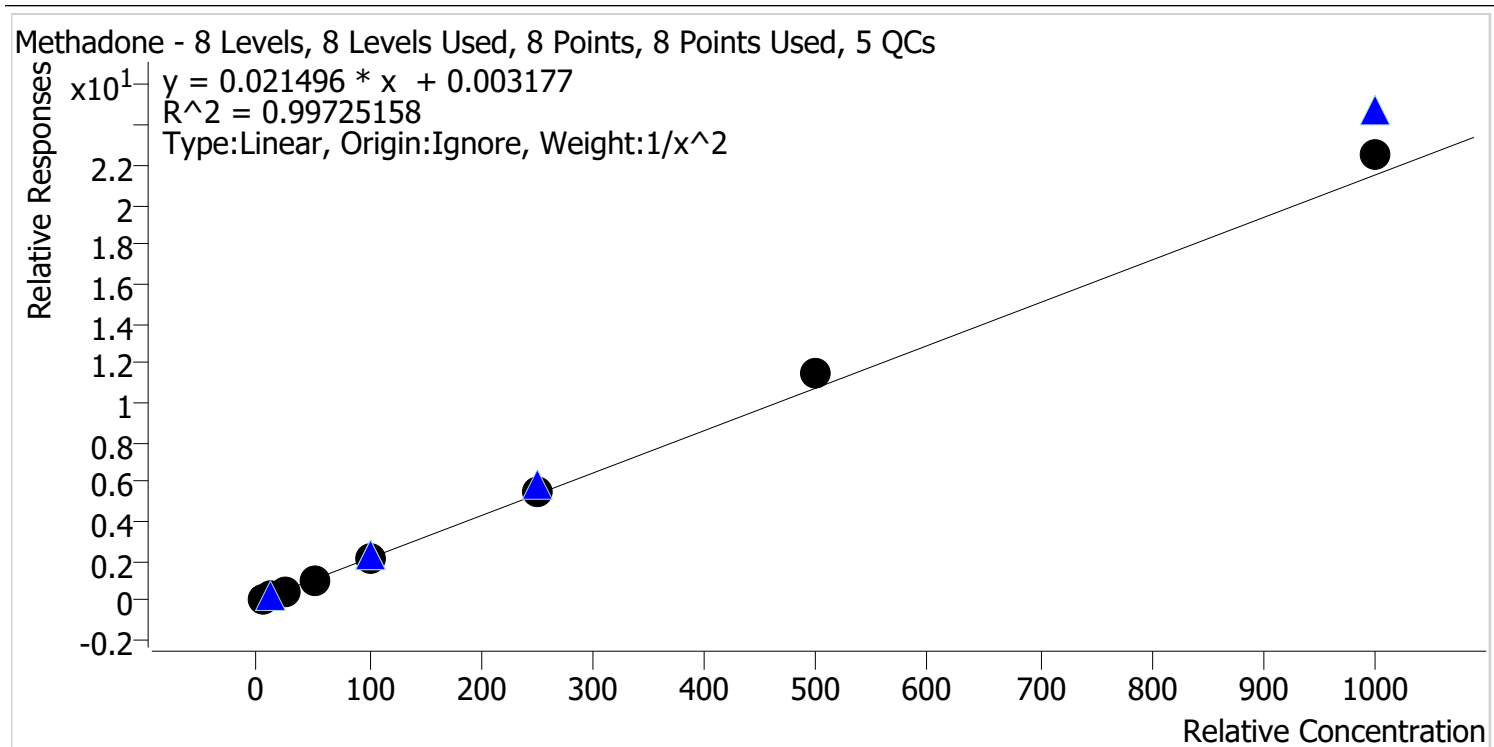


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.1
am 28 cal 2 mdq	2	✓	10.0	10.0	99.8
am 28 cal 3 mdq	3	✓	25.0	23.9	95.8
am 28 cal 4 mdq	4	✓	50.0	49.3	98.7
am 28 cal 5 mdq	5	✓	100.0	98.5	98.5
am28 cal 6 mdq	6	✓	250.0	249.3	99.7
am 28 cal 7 mdq	7	✓	500.0	511.3	102.3
am 28 cal 8 mdq	8	✓	1000.0	1042.6	104.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



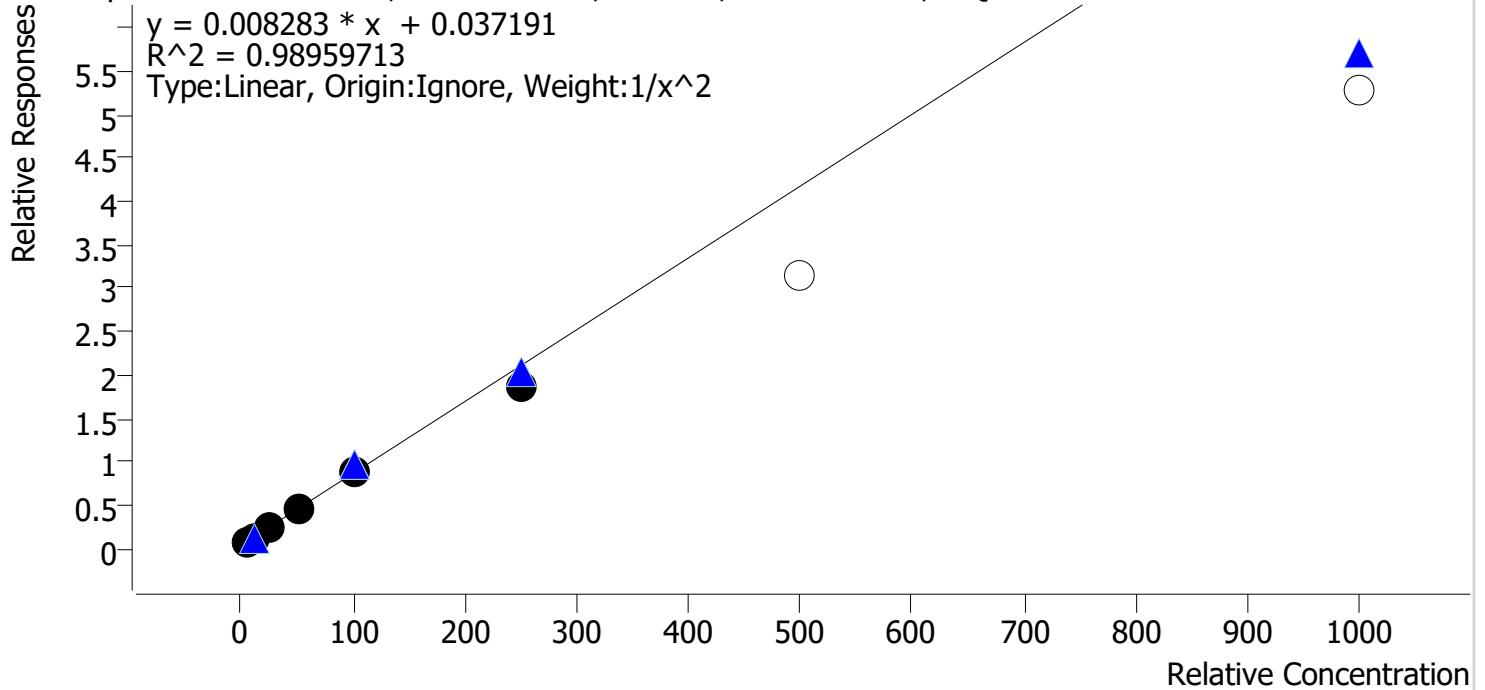
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	102.7
am 28 cal 2 mdq	2	✓	10.0	9.8	98.0
am 28 cal 3 mdq	3	✓	25.0	23.2	92.8
am 28 cal 4 mdq	4	✓	50.0	48.8	97.7
am 28 cal 5 mdq	5	✓	100.0	96.7	96.7
am28 cal 6 mdq	6	✓	250.0	252.2	100.9
am 28 cal 7 mdq	7	✓	500.0	532.0	106.4
am 28 cal 8 mdq	8	✓	1000.0	1048.3	104.8

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** **Methamphetamine-D11**

Methamphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.7	93.2
am 28 cal 2 mdq	2	✓	10.0	11.2	112.0
am 28 cal 3 mdq	3	✓	25.0	25.9	103.4
am 28 cal 4 mdq	4	✓	50.0	51.7	103.4
am 28 cal 5 mdq	5	✓	100.0	99.6	99.6
am28 cal 6 mdq	6	✓	250.0	220.9	88.4
am 28 cal 7 mdq	7	✗	500.0	373.2	74.6
am 28 cal 8 mdq	8	✗	1000.0	635.5	63.5

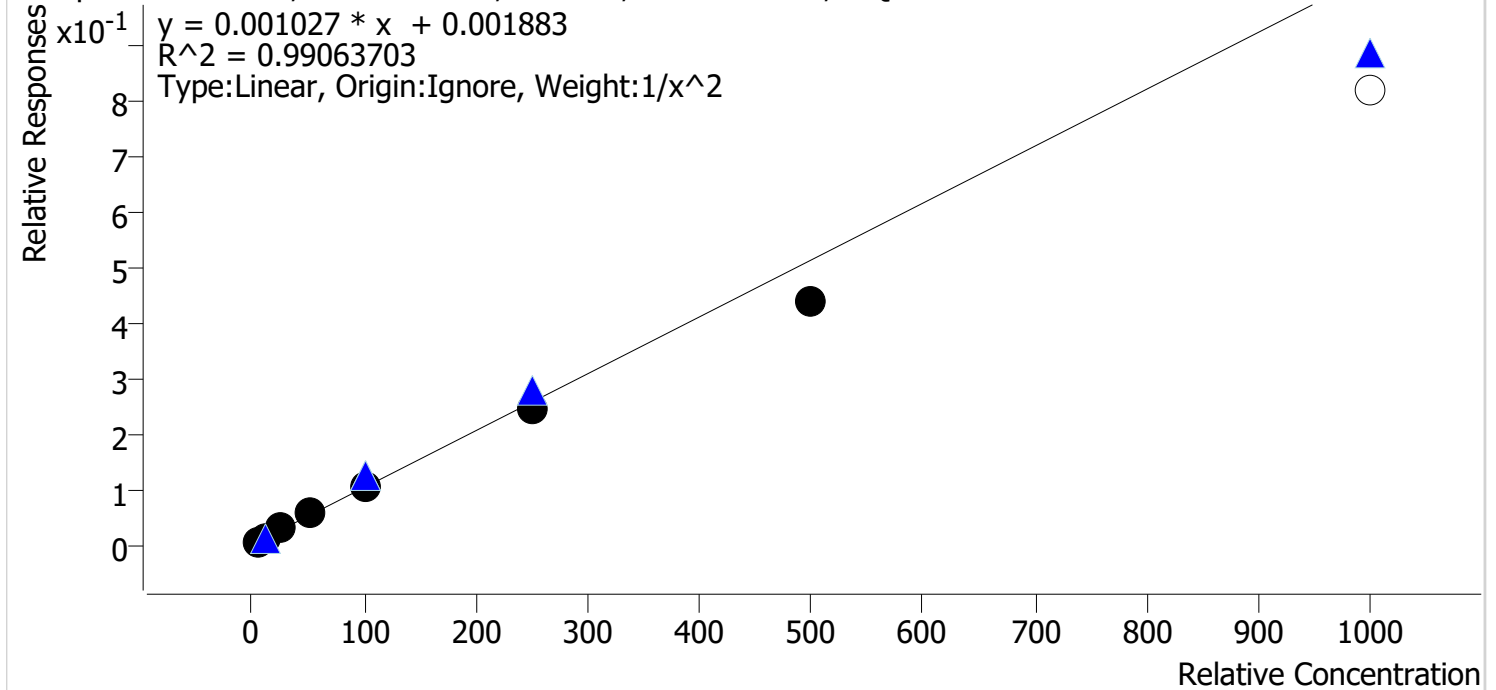
cal 7 & 8 do not meet accuracy requirements

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Pseudoephedrine-D3

Metoprolol - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.8	95.5
am 28 cal 2 mdq	2	✓	10.0	10.5	104.8
am 28 cal 3 mdq	3	✓	25.0	26.7	106.9
am 28 cal 4 mdq	4	✓	50.0	53.9	107.7
am 28 cal 5 mdq	5	✓	100.0	104.1	104.1
am28 cal 6 mdq	6	✓	250.0	239.2	95.7
am 28 cal 7 mdq	7	✓	500.0	426.2	85.2
am 28 cal 8 mdq	8	✗	1000.0	799.3	79.9

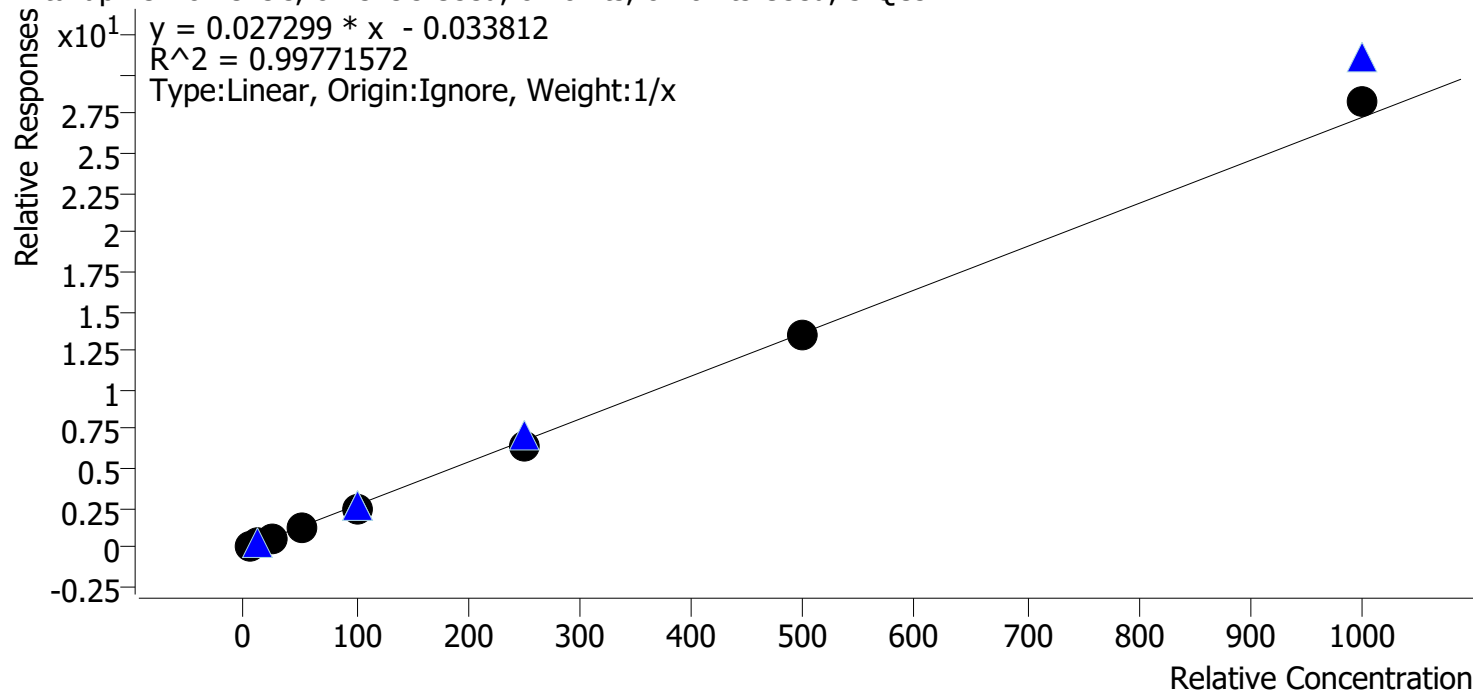
cal 8 does not meet accuracy requirements

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



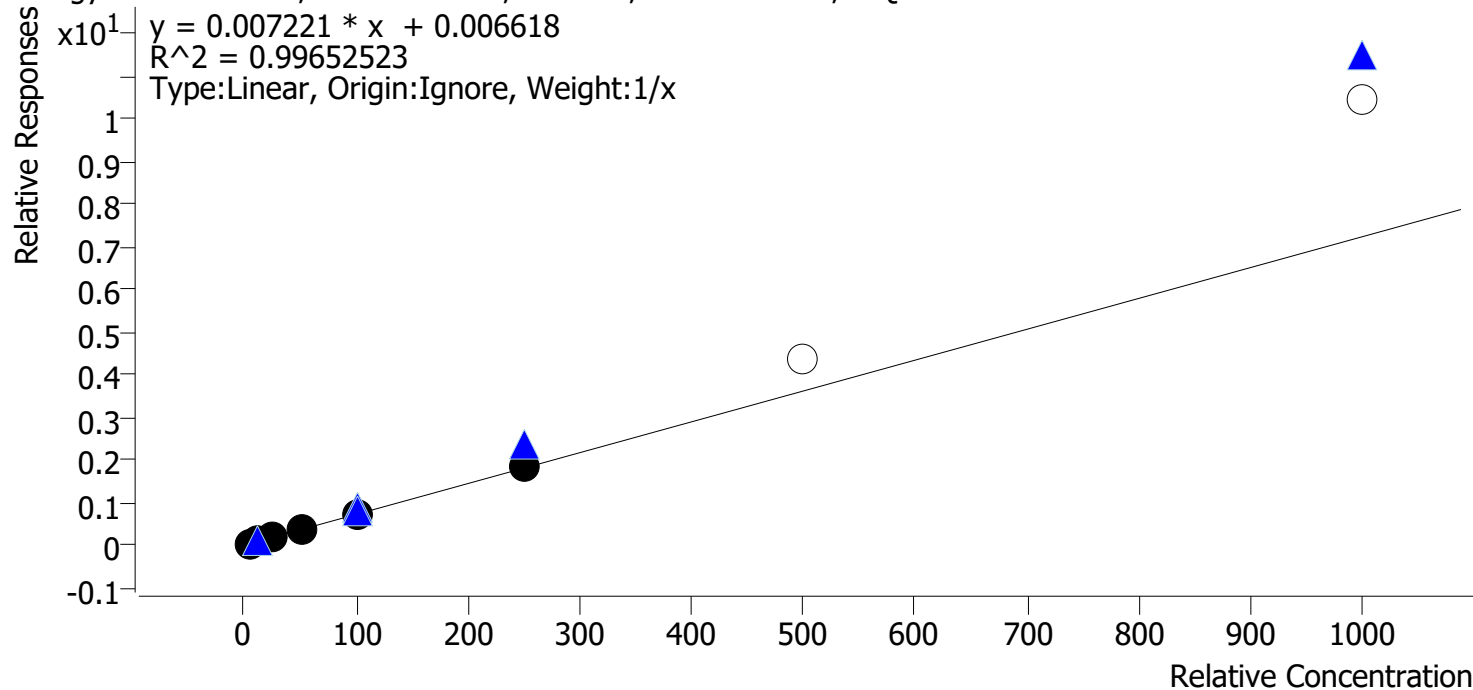
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	6.2	124.2
am 28 cal 2 mdq	2	✓	10.0	10.8	107.6
am 28 cal 3 mdq	3	✓	25.0	22.9	91.4
am 28 cal 4 mdq	4	✓	50.0	44.7	89.5
am 28 cal 5 mdq	5	✓	100.0	90.4	90.4
am28 cal 6 mdq	6	✓	250.0	236.9	94.8
am 28 cal 7 mdq	7	✓	500.0	492.9	98.6
am 28 cal 8 mdq	8	✓	1000.0	1035.3	103.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Fluoxetine-D6

Mitragynine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



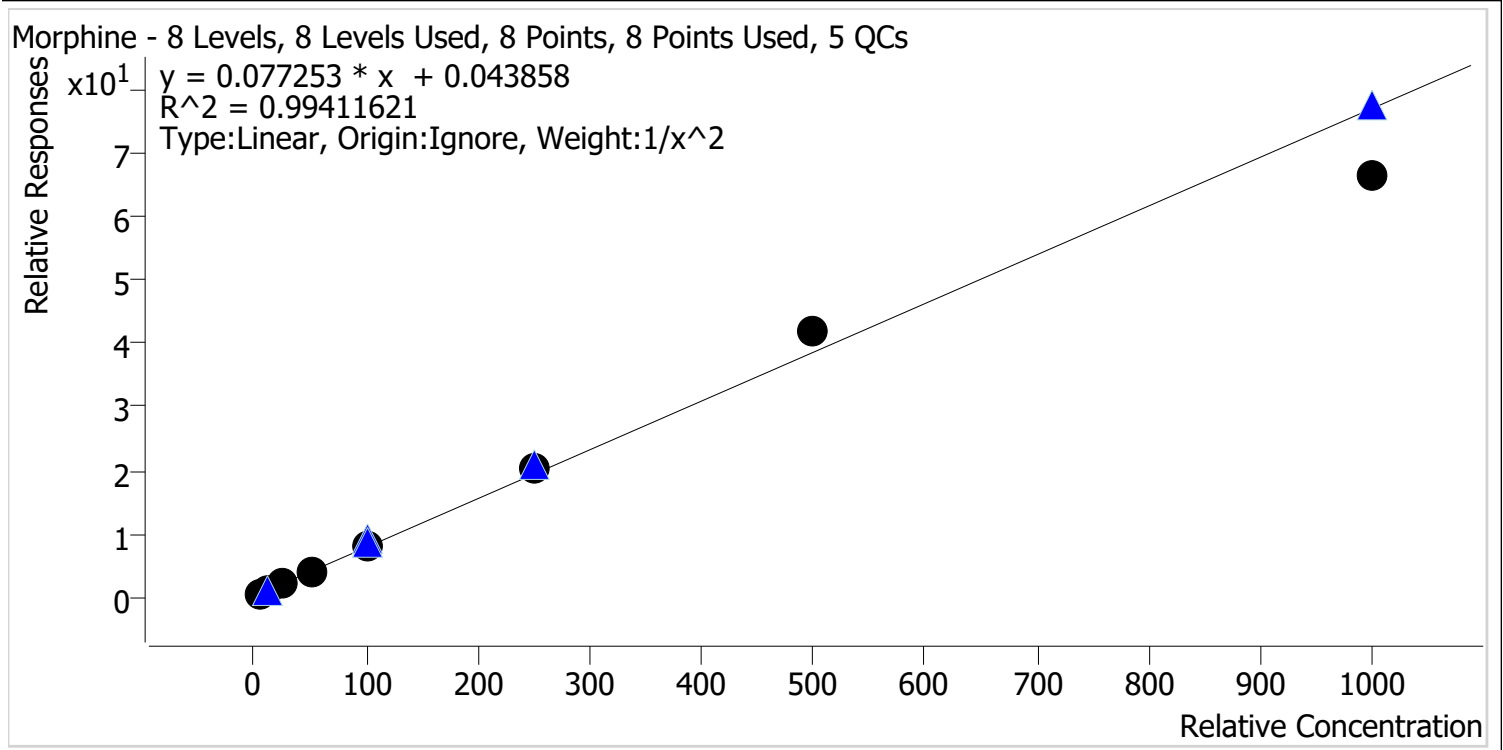
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.0
am 28 cal 2 mdq	2	✓	10.0	10.3	102.9
am 28 cal 3 mdq	3	✓	25.0	27.4	109.5
am 28 cal 4 mdq	4	✓	50.0	45.7	91.5
am 28 cal 5 mdq	5	✓	100.0	94.0	94.0
am28 cal 6 mdq	6	✓	250.0	257.7	103.1
am 28 cal 7 mdq	7	✗	500.0	602.7	120.5
am 28 cal 8 mdq	8	✗	1000.0	1450.9	145.1

cal 7& 8 do not meet accuracy requirements

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



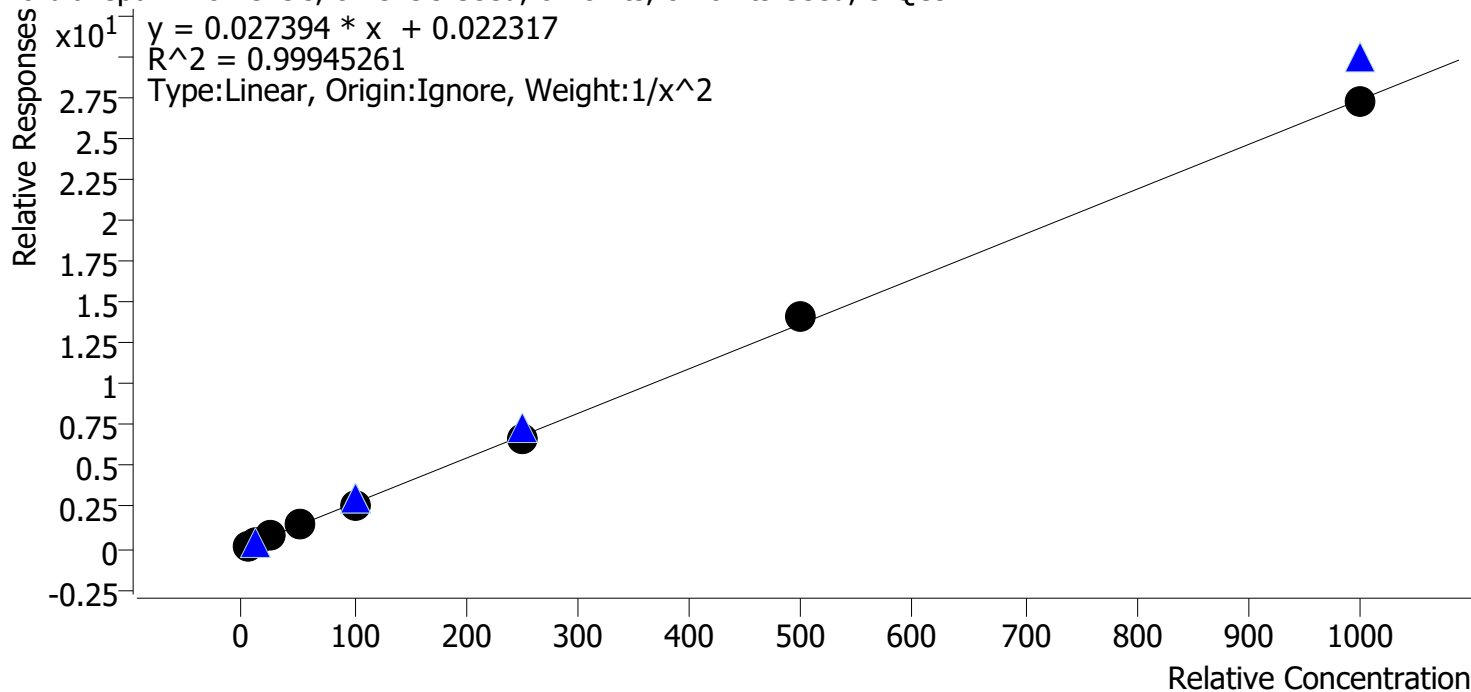
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.6
am 28 cal 2 mdq	2	✓	10.0	9.9	99.1
am 28 cal 3 mdq	3	✓	25.0	26.3	105.3
am 28 cal 4 mdq	4	✓	50.0	48.6	97.3
am 28 cal 5 mdq	5	✓	100.0	99.1	99.1
am28 cal 6 mdq	6	✓	250.0	262.0	104.8
am 28 cal 7 mdq	7	✓	500.0	541.7	108.3
am 28 cal 8 mdq	8	✓	1000.0	865.1	86.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

Nordiazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.3
am 28 cal 2 mdq	2	✓	10.0	10.2	101.7
am 28 cal 3 mdq	3	✓	25.0	25.0	100.1
am 28 cal 4 mdq	4	✓	50.0	49.9	99.9
am 28 cal 5 mdq	5	✓	100.0	97.6	97.6
am28 cal 6 mdq	6	✓	250.0	245.0	98.0
am 28 cal 7 mdq	7	✓	500.0	519.7	103.9
am 28 cal 8 mdq	8	✓	1000.0	995.7	99.6

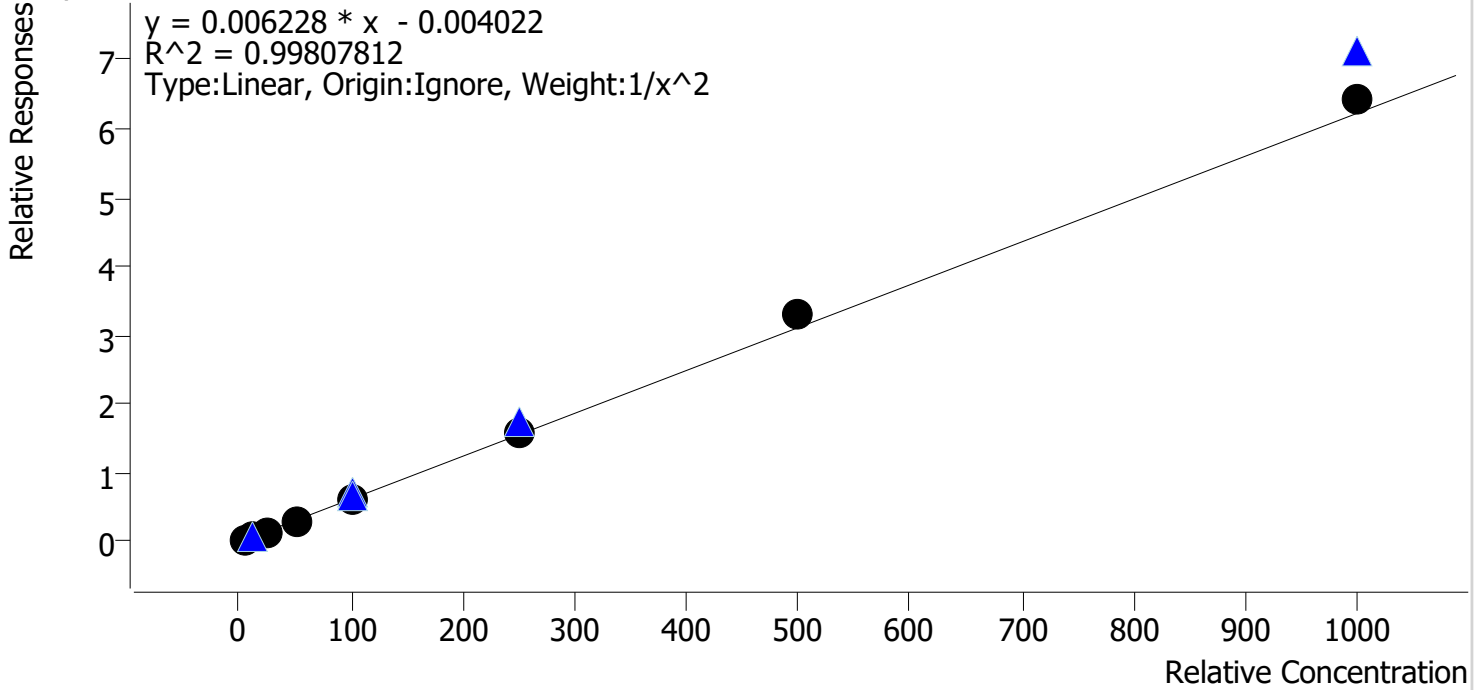
Compound Calibration Report



Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** **Norhydrocodone-D3**

Norhydrocodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.4
am 28 cal 2 mdq	2	✓	10.0	10.0	100.4
am 28 cal 3 mdq	3	✓	25.0	23.4	93.6
am 28 cal 4 mdq	4	✓	50.0	48.9	97.9
am 28 cal 5 mdq	5	✓	100.0	96.9	96.9
am28 cal 6 mdq	6	✓	250.0	252.9	101.2
am 28 cal 7 mdq	7	✓	500.0	529.3	105.9
am 28 cal 8 mdq	8	✓	1000.0	1029.1	102.9

Compound Calibration Report

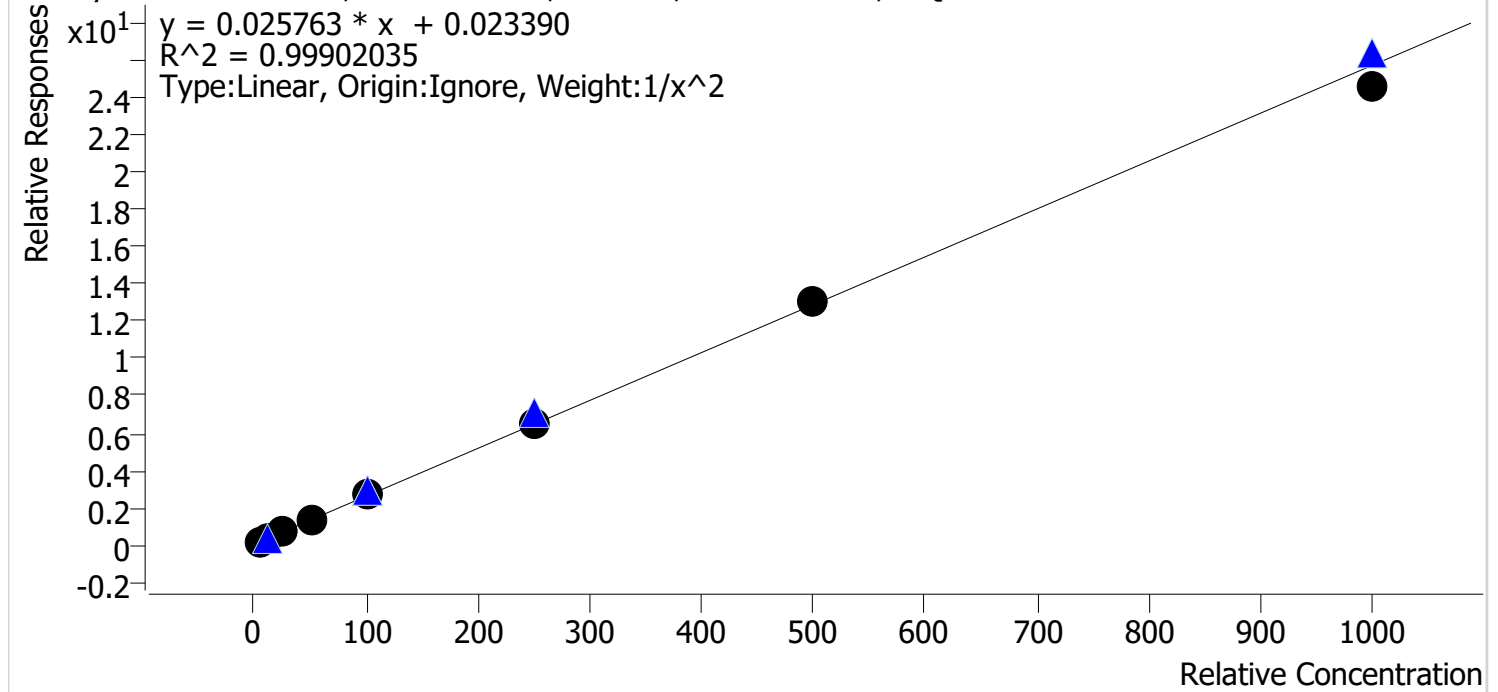
Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Noroxycodone

Internal Standard

Noroxycodone-D3

Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	97.4
am 28 cal 2 mdq	2	✓	10.0	10.5	104.5
am 28 cal 3 mdq	3	✓	25.0	25.4	101.7
am 28 cal 4 mdq	4	✓	50.0	49.9	99.8
am 28 cal 5 mdq	5	✓	100.0	100.9	100.9
am28 cal 6 mdq	6	✓	250.0	248.2	99.3
am 28 cal 7 mdq	7	✓	500.0	503.9	100.8
am 28 cal 8 mdq	8	✓	1000.0	956.1	95.6

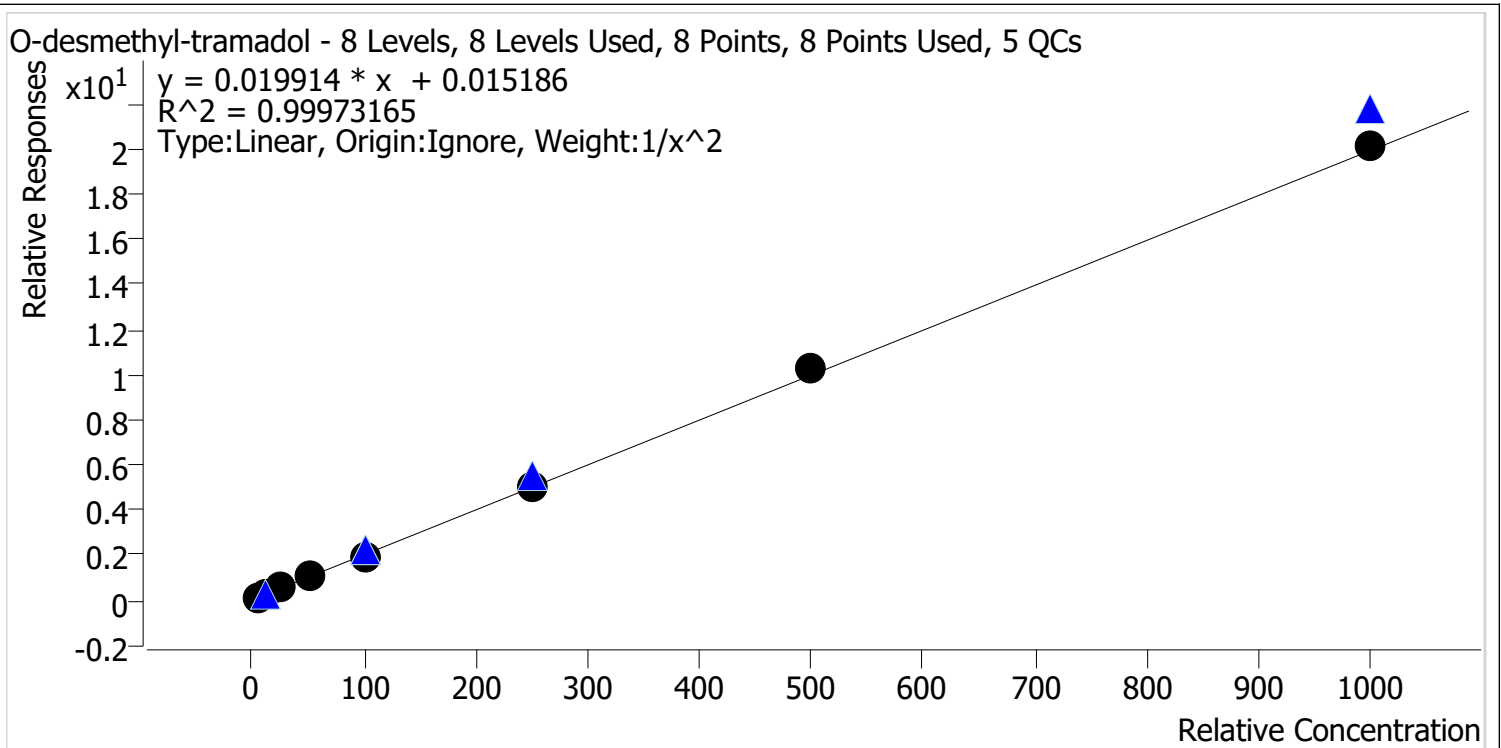
Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol

Internal Standard

O-desmethyl-tramadol-D6



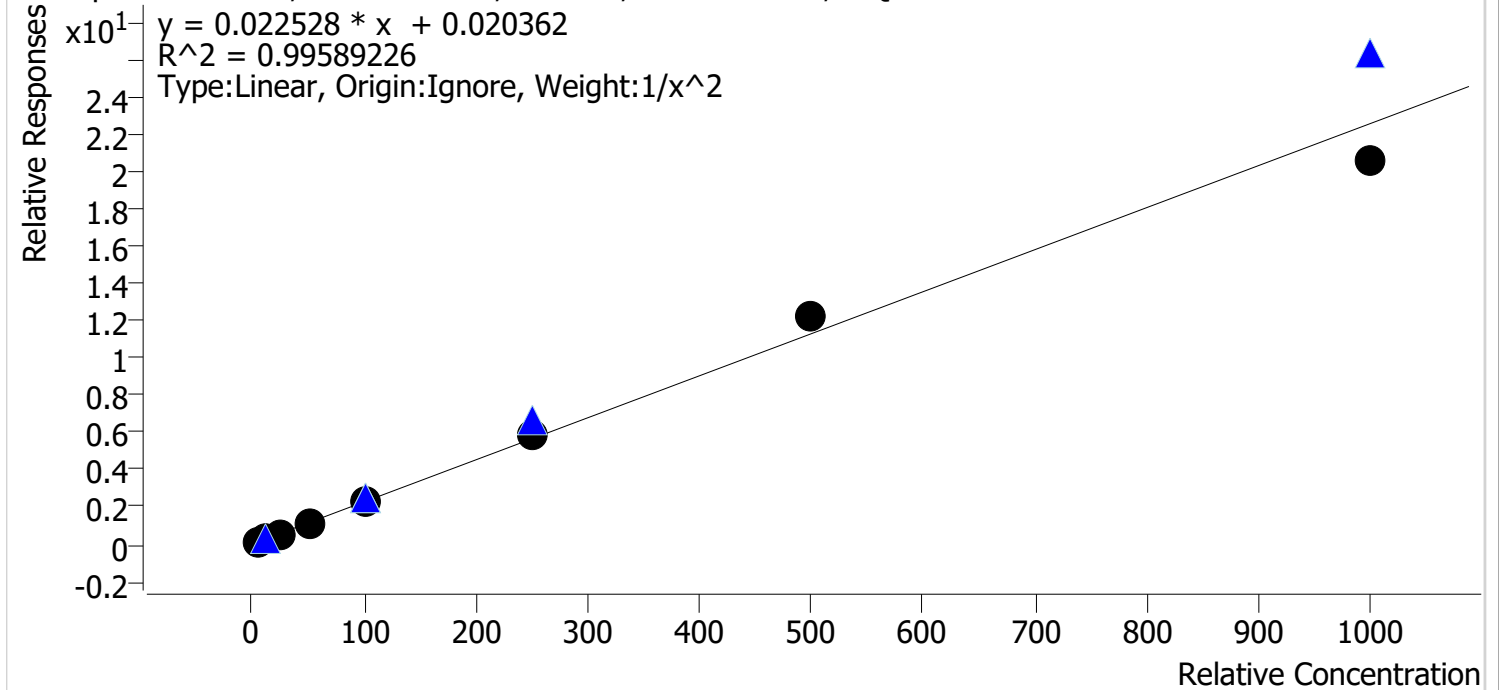
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	100.4
am 28 cal 2 mdq	2	✓	10.0	10.0	99.9
am 28 cal 3 mdq	3	✓	25.0	24.7	99.0
am 28 cal 4 mdq	4	✓	50.0	49.5	98.9
am 28 cal 5 mdq	5	✓	100.0	97.9	97.9
am28 cal 6 mdq	6	✓	250.0	251.1	100.5
am 28 cal 7 mdq	7	✓	500.0	512.7	102.5
am 28 cal 8 mdq	8	✓	1000.0	1008.6	100.9

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



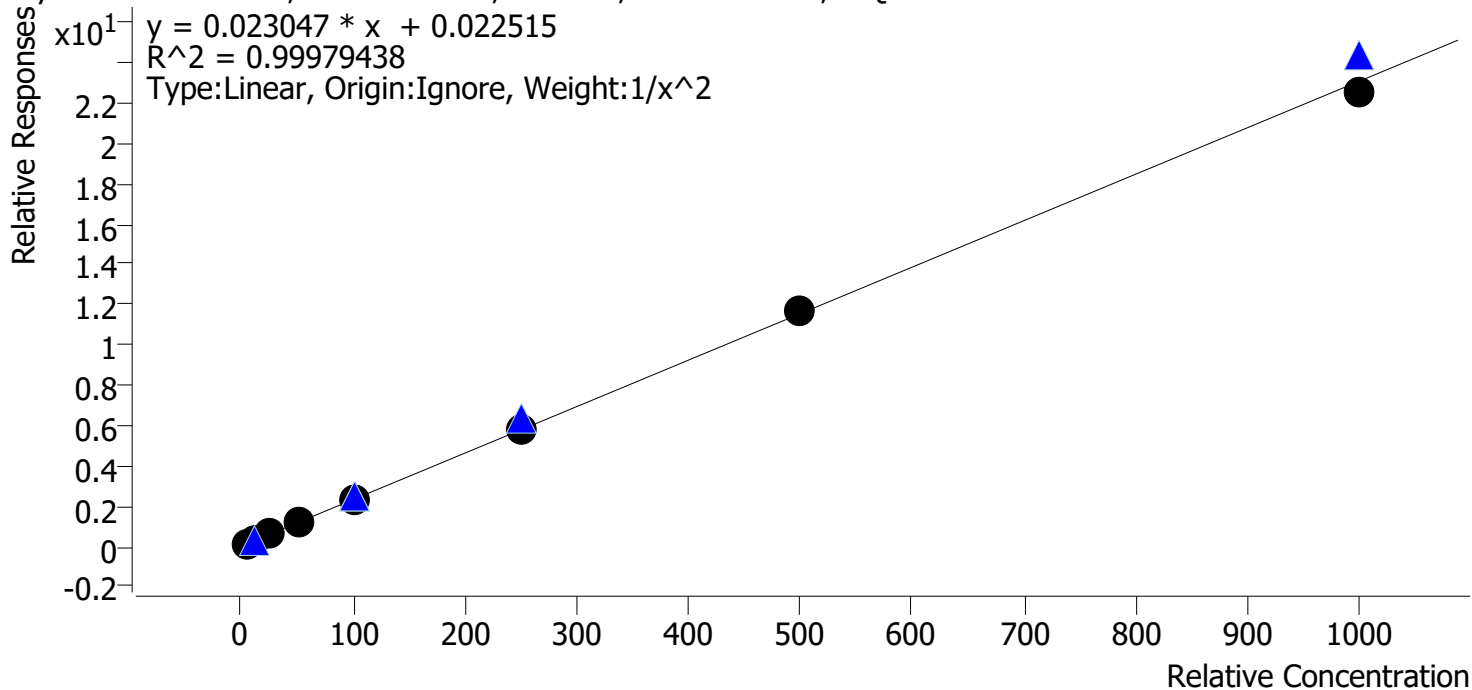
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.7
am 28 cal 2 mdq	2	✓	10.0	9.7	96.9
am 28 cal 3 mdq	3	✓	25.0	25.1	100.5
am 28 cal 4 mdq	4	✓	50.0	47.3	94.6
am 28 cal 5 mdq	5	✓	100.0	102.6	102.6
am28 cal 6 mdq	6	✓	250.0	260.4	104.2
am 28 cal 7 mdq	7	✓	500.0	542.2	108.4
am 28 cal 8 mdq	8	✓	1000.0	910.9	91.1

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

Oxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



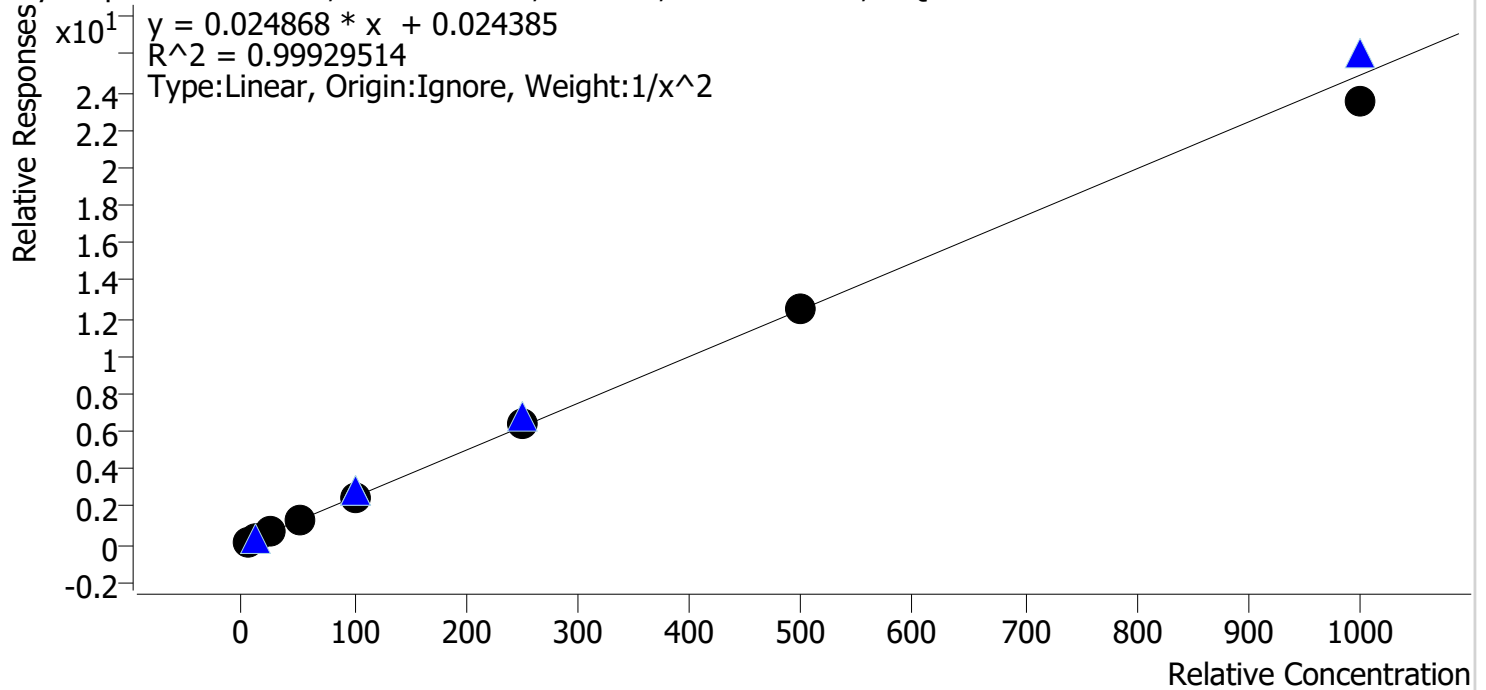
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.7
am 28 cal 2 mdq	2	✓	10.0	10.1	100.9
am 28 cal 3 mdq	3	✓	25.0	24.6	98.6
am 28 cal 4 mdq	4	✓	50.0	50.7	101.4
am 28 cal 5 mdq	5	✓	100.0	100.1	100.1
am28 cal 6 mdq	6	✓	250.0	251.3	100.5
am 28 cal 7 mdq	7	✓	500.0	504.9	101.0
am 28 cal 8 mdq	8	✓	1000.0	978.2	97.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

Oxymorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



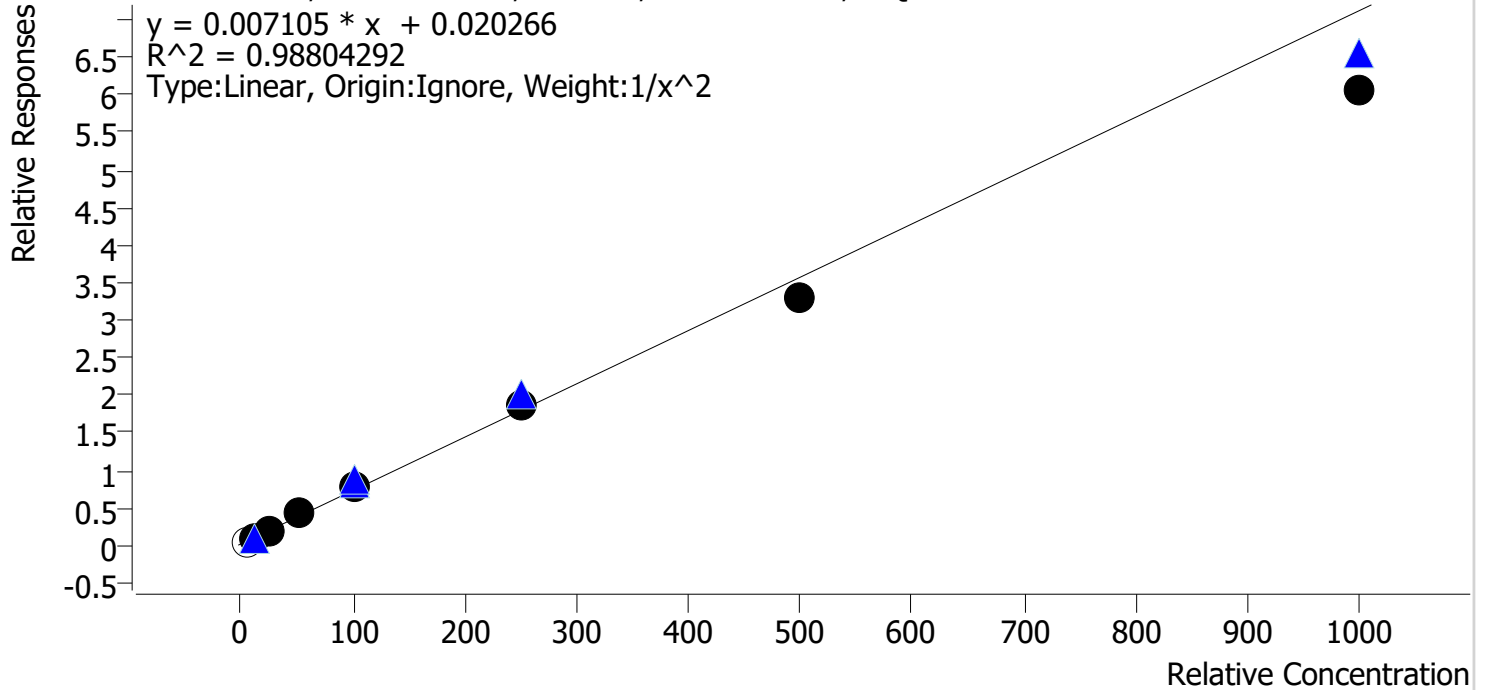
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.5
am 28 cal 2 mdq	2	✓	10.0	10.0	100.3
am 28 cal 3 mdq	3	✓	25.0	25.1	100.6
am 28 cal 4 mdq	4	✓	50.0	50.8	101.5
am 28 cal 5 mdq	5	✓	100.0	101.0	101.0
am28 cal 6 mdq	6	✓	250.0	254.4	101.8
am 28 cal 7 mdq	7	✓	500.0	504.0	100.8
am 28 cal 8 mdq	8	✓	1000.0	945.6	94.6

Compound Calibration Report

B. Wylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Phentermine Internal Standard Phentermine-D5

Phentermine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	x	5.0	3.7	73.4
am 28 cal 2 mdq	2	✓	10.0	9.5	95.3
am 28 cal 3 mdq	3	✓	25.0	26.1	104.5
am 28 cal 4 mdq	4	✓	50.0	55.4	110.7
am 28 cal 5 mdq	5	✓	100.0	109.2	109.2
am28 cal 6 mdq	6	✓	250.0	257.0	102.8
am 28 cal 7 mdq	7	✓	500.0	461.9	92.4
am 28 cal 8 mdq	8	✓	1000.0	849.9	85.0

cal 1 ratio does not meet acceptance criteria

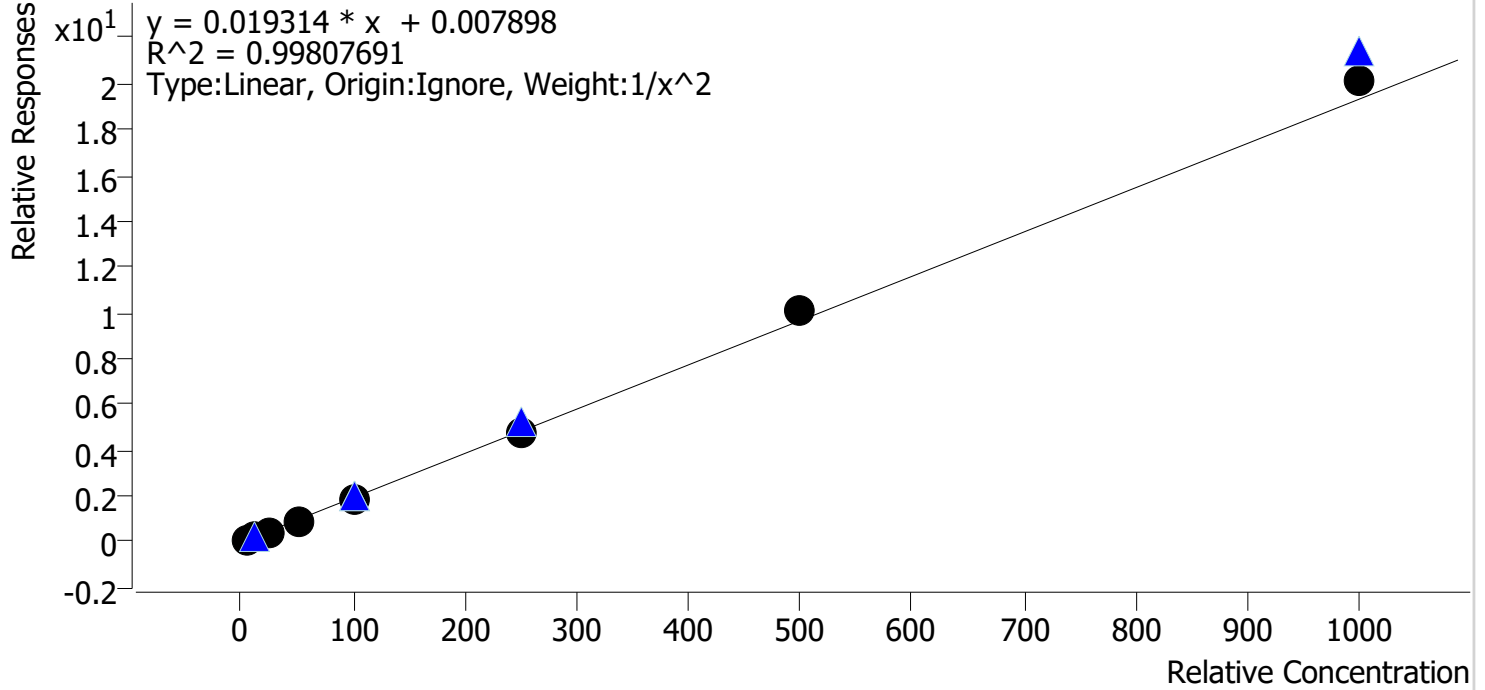
Compound Calibration Report

Bylye

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Promethazine

Internal Standard Promethazine-D3

Promethazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



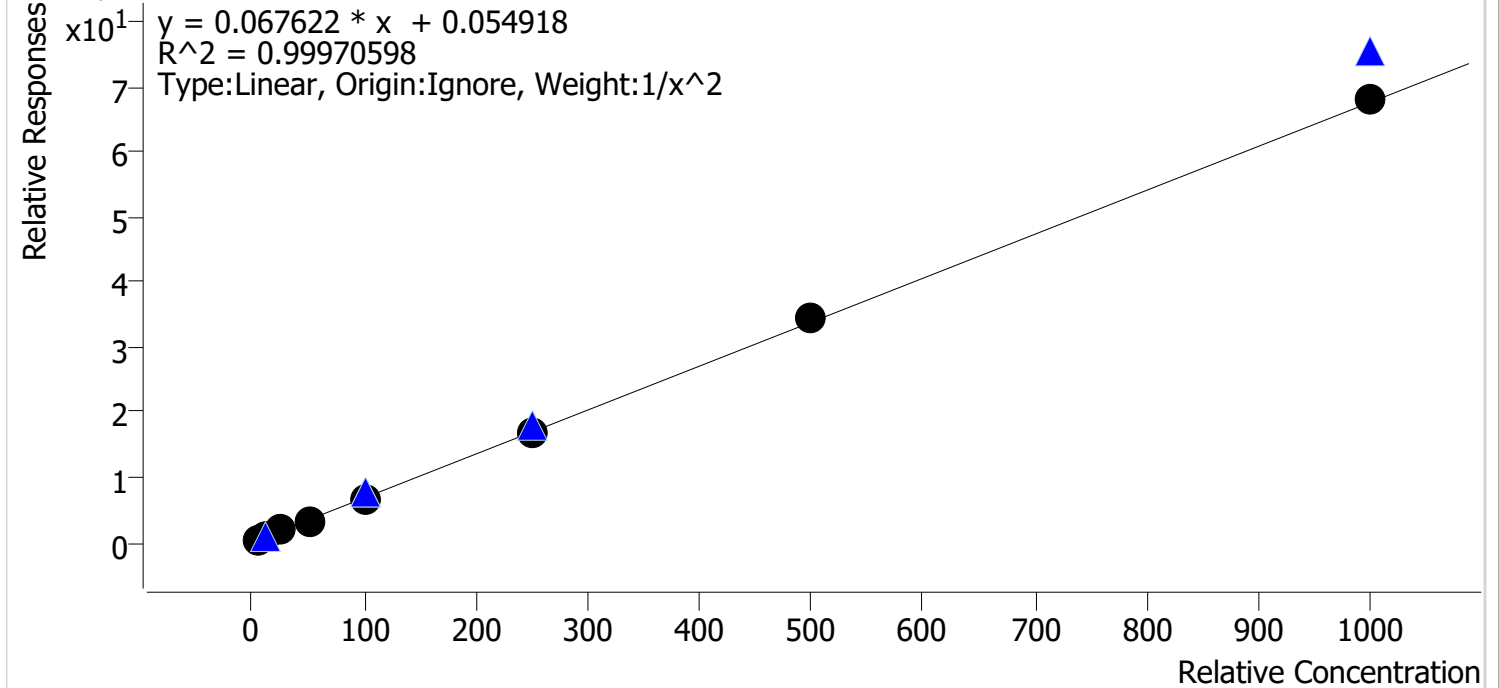
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.4
am 28 cal 2 mdq	2	✓	10.0	10.0	100.4
am 28 cal 3 mdq	3	✓	25.0	23.5	93.9
am 28 cal 4 mdq	4	✓	50.0	48.0	96.0
am 28 cal 5 mdq	5	✓	100.0	99.1	99.1
am28 cal 6 mdq	6	✓	250.0	249.4	99.8
am 28 cal 7 mdq	7	✓	500.0	525.8	105.2
am 28 cal 8 mdq	8	✓	1000.0	1043.3	104.3

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

Quetiapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



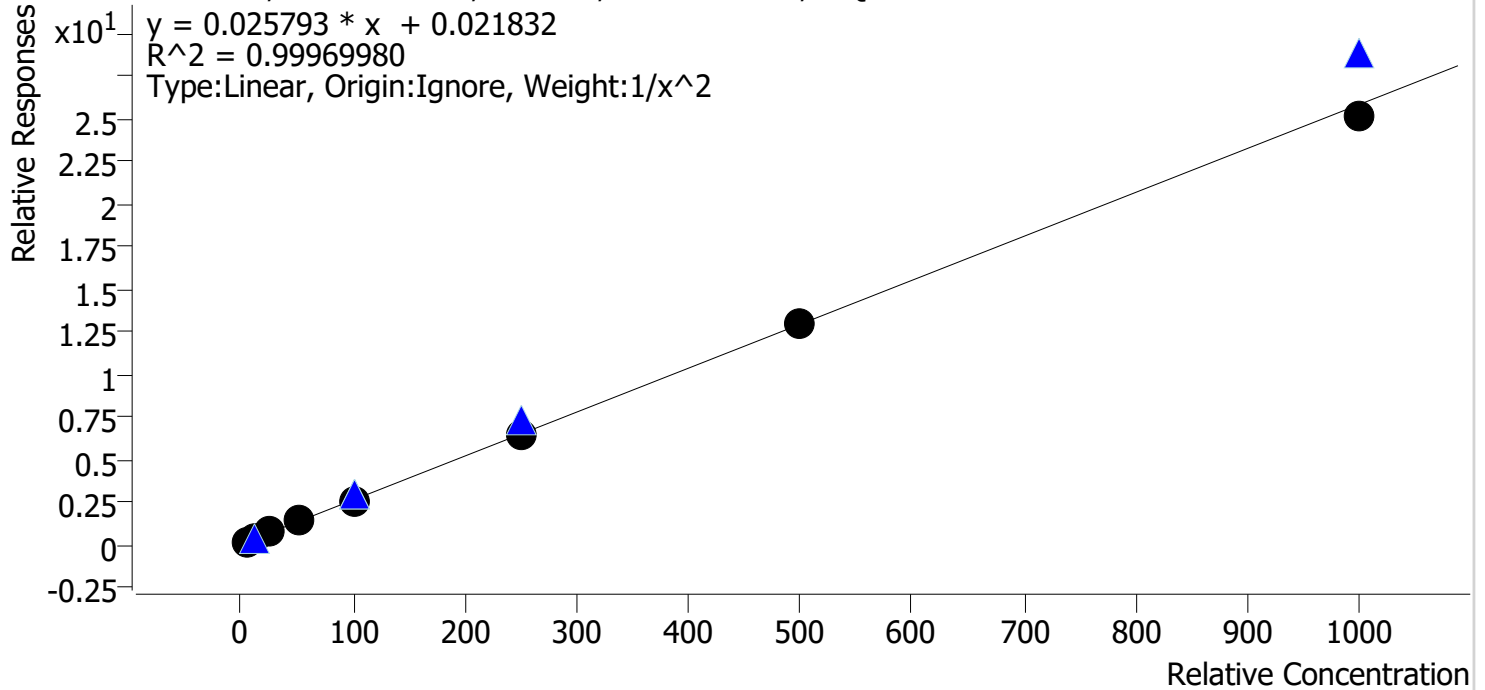
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.0	99.3
am 28 cal 2 mdq	2	✓	10.0	10.2	102.0
am 28 cal 3 mdq	3	✓	25.0	24.8	99.3
am 28 cal 4 mdq	4	✓	50.0	49.4	98.7
am 28 cal 5 mdq	5	✓	100.0	97.7	97.7
am28 cal 6 mdq	6	✓	250.0	250.5	100.2
am 28 cal 7 mdq	7	✓	500.0	508.0	101.6
am 28 cal 8 mdq	8	✓	1000.0	1010.9	101.1

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

Sertraline - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



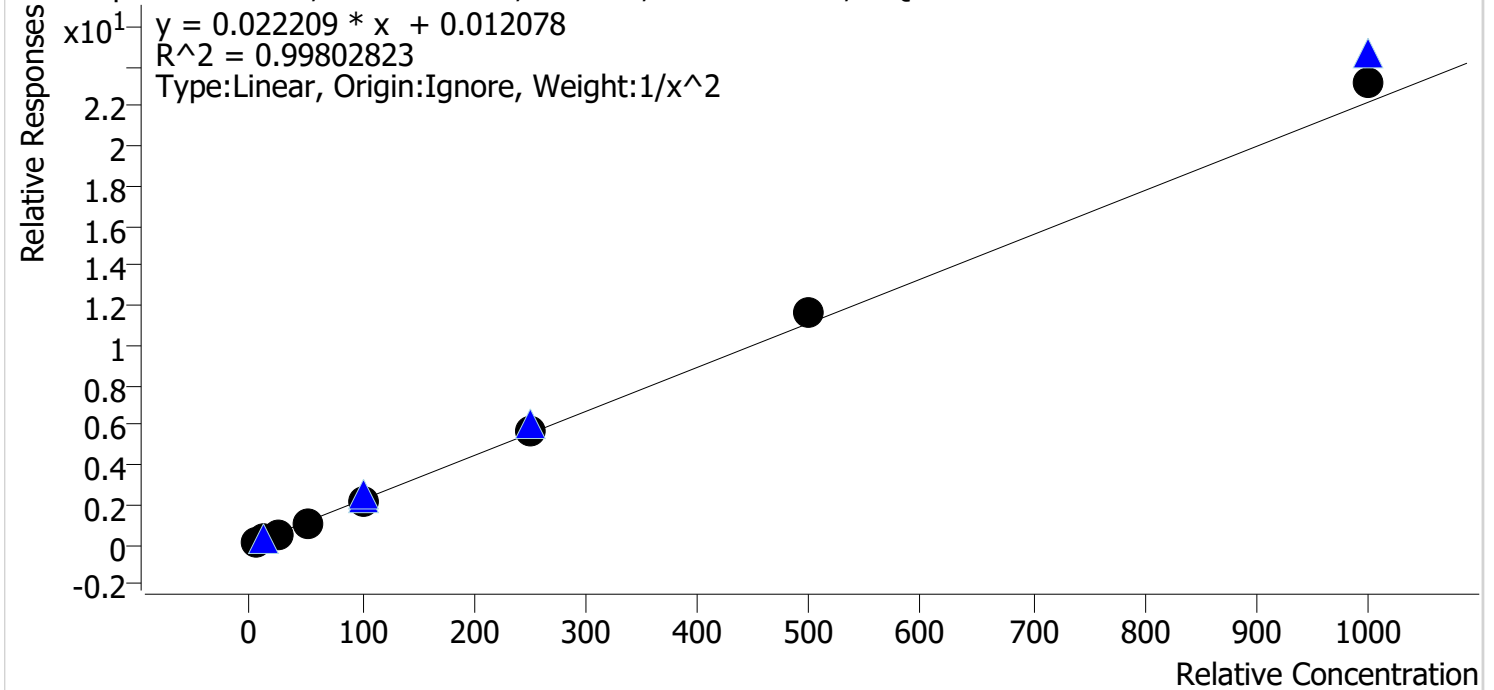
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	98.9
am 28 cal 2 mdq	2	✓	10.0	10.2	102.0
am 28 cal 3 mdq	3	✓	25.0	24.9	99.7
am 28 cal 4 mdq	4	✓	50.0	50.9	101.7
am 28 cal 5 mdq	5	✓	100.0	100.2	100.2
am28 cal 6 mdq	6	✓	250.0	250.4	100.2
am 28 cal 7 mdq	7	✓	500.0	500.2	100.0
am 28 cal 8 mdq	8	✓	1000.0	972.7	97.3

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

Temazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

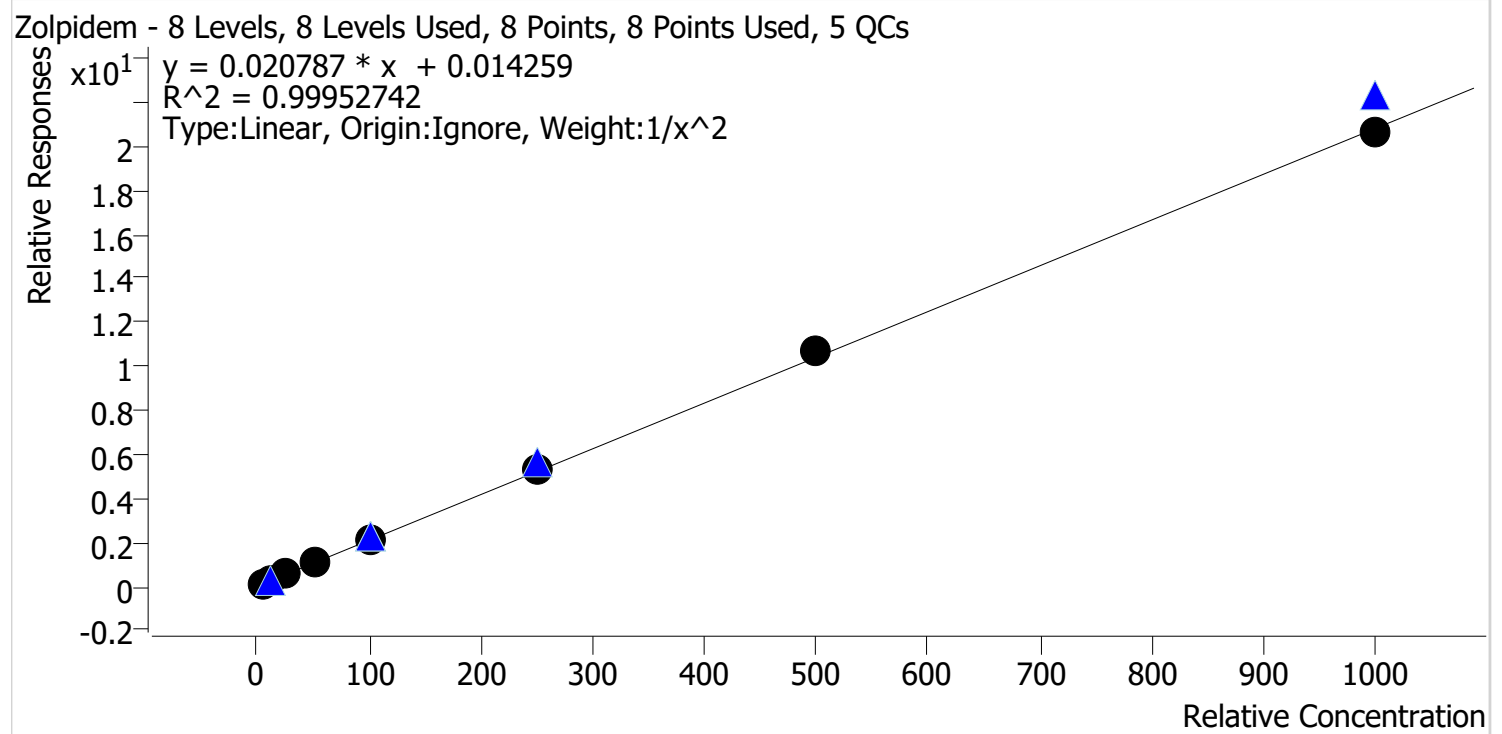


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.3
am 28 cal 2 mdq	2	✓	10.0	10.0	100.4
am 28 cal 3 mdq	3	✓	25.0	23.7	94.9
am 28 cal 4 mdq	4	✓	50.0	47.8	95.6
am 28 cal 5 mdq	5	✓	100.0	97.1	97.1
am28 cal 6 mdq	6	✓	250.0	252.6	101.0
am 28 cal 7 mdq	7	✓	500.0	524.4	104.9
am 28 cal 8 mdq	8	✓	1000.0	1048.3	104.8

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



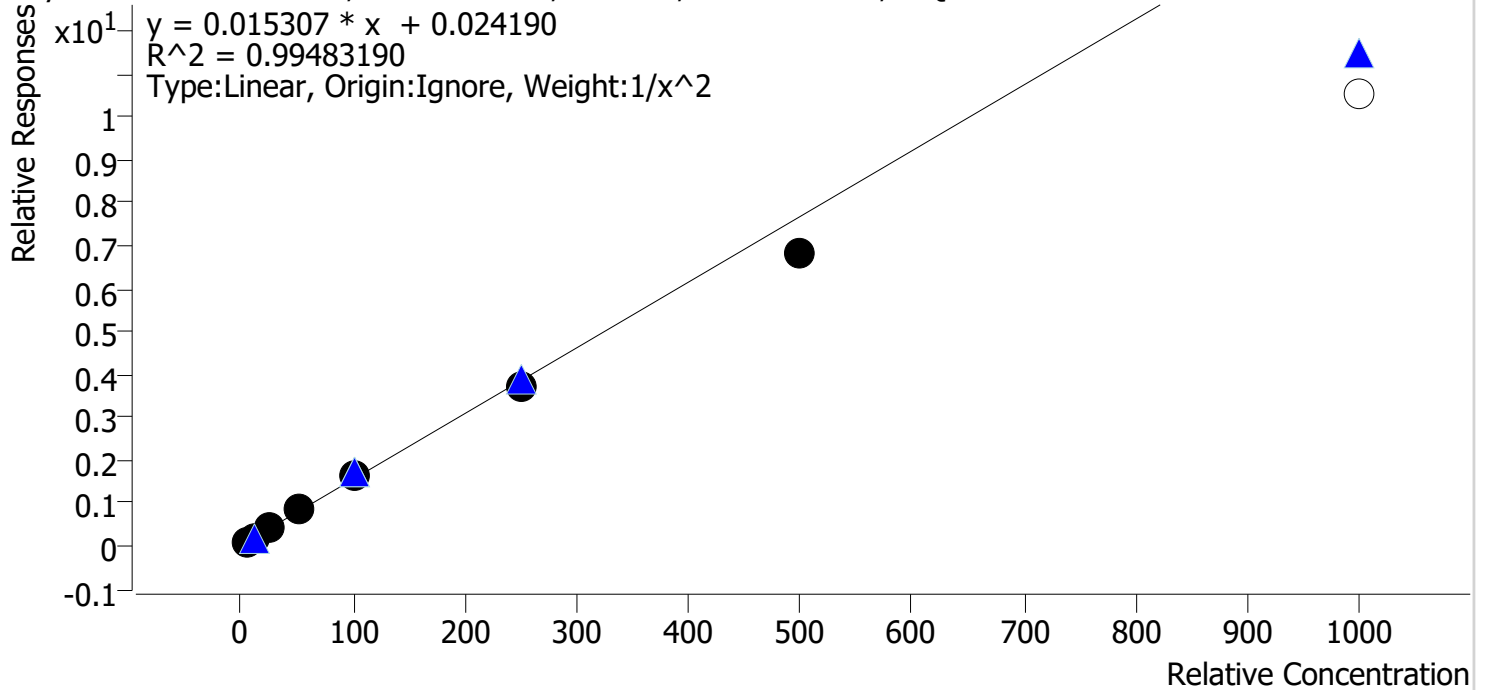
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	5.1	101.2
am 28 cal 2 mdq	2	✓	10.0	9.9	98.8
am 28 cal 3 mdq	3	✓	25.0	24.2	97.0
am 28 cal 4 mdq	4	✓	50.0	49.7	99.5
am 28 cal 5 mdq	5	✓	100.0	100.1	100.1
am28 cal 6 mdq	6	✓	250.0	253.4	101.4
am 28 cal 7 mdq	7	✓	500.0	515.7	103.1
am 28 cal 8 mdq	8	✓	1000.0	989.4	98.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Last Cal. Update 6/21/2021 9:16 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
am 28 cal 1 mdq	1	✓	5.0	4.9	97.4
am 28 cal 2 mdq	2	✓	10.0	10.2	102.4
am 28 cal 3 mdq	3	✓	25.0	25.9	103.6
am 28 cal 4 mdq	4	✓	50.0	53.2	106.5
am 28 cal 5 mdq	5	✓	100.0	104.4	104.4
am28 cal 6 mdq	6	✓	250.0	242.4	97.0
am 28 cal 7 mdq	7	✓	500.0	443.7	88.7
am 28 cal 8 mdq	8	✗	1000.0	685.2	68.5

cal 8 does not meet accuracy requirements

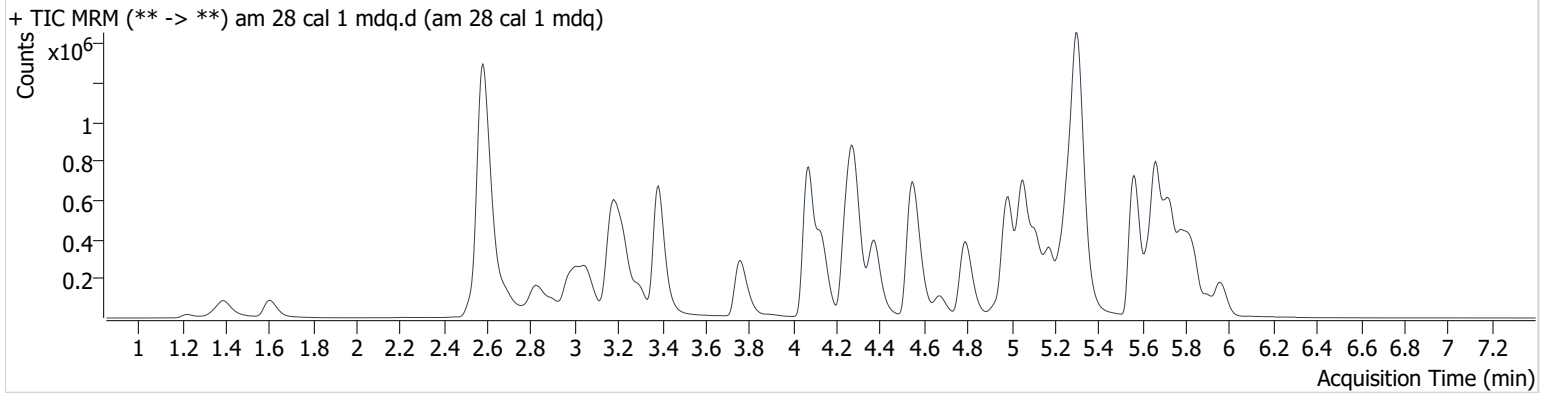
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 cal 1 mdq.d
Type	Cal	Sample	am 28 cal 1 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-A1	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 2:16:40 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.150	2559	∞	147.7	∞	129409	0.504 ng/ml
7-aminoclonazepam	4.308	31091	210911.0	70.3	23705.0	316331	5.050 ng/ml
a-hydroxyalprazolam	5.722	6880	563.7	58.2	725.8	514169	4.473 ng/ml
alpha-PHP	4.951	117907	∞	39.9	∞	1328422	4.815 ng/ml
alpha-PVP	4.382	152124	2125479.6	52.0	7349.9	1119723	5.049 ng/ml
Alprazolam	5.791	82219	1688.2	86.0	∞	514169	5.087 ng/ml
Amphetamine	3.057	290568	7324.6	44.2	9382.6	833099	4.770 ng/ml
Benzoylcegonine	3.911	3127	7594.0	56.6	97.3	19632	4.881 ng/ml
Buprenorphine	5.840	3429	4987.4	16.6	2855.2	210270	0.500 ng/ml
Bupropion	4.811	161554	∞	66.5	3393.7	1328422	5.121 ng/ml
Carisoprodol	5.746	68964	108355.4	57.9	2272.4	460235	5.011 ng/ml
Citalopram	5.238	116670	4002.9	39.8	∞	902941	5.010 ng/ml
Clonazepam	5.634	21020	13684.6	31.4	∞	65569	4.943 ng/ml
Clonazepam	5.586	33067	∞	37.7	∞	65569	4.677 ng/ml
Cocaine	4.281	111793	∞	47.5	275503.8	1561282	4.948 ng/ml
Codeine	2.608	18612	∞	90.1	55777.9	150350	3.873 ng/ml
Cyclobenzaprine	5.641	146577	757301.8	10.7	∞	898031	5.016 ng/ml
Dextromethorphan	5.281	88634	∞	77.7	282309.3	781647	4.976 ng/ml
Dextrophan	4.133	107531	7575.5	46.0	128053.5	1023878	5.052 ng/ml
Diazepam	5.968	53208	∞	87.9	9517.4	459809	4.983 ng/ml
Dihydrocodeine	2.567	43736	5340.4	58.6	2370.7	442991	4.869 ng/ml
Diphenhydramine	5.308	392672	17218.9	30.4	∞	3542799	5.137 ng/ml
Doxylamine	4.566	338705	766944.8	79.4	4455905.6	2446363	5.046 ng/ml
EDDP	5.276	143694	106645.1	44.0	55114.8	1309522	5.025 ng/ml
Etizolam	5.831	34635	∞	26.5	∞	514169	5.243 ng/ml
Fentanyl	5.128	12115	948.8	129.2	∞	1227492	0.504 ng/ml
Flualprazolam	5.727	36551	∞	95.9	∞	514169	5.052 ng/ml
Fluoxetine	5.723	157222	27770.8	6.8	160549818 147886.0	1073768	4.964 ng/ml
Hydrocodone	3.044	56676	∞	35.0	∞	547219	4.843 ng/ml
Hydromorphone	1.613	51144	∞	68.3	∞	290760	5.177 ng/ml
Ketamine	4.083	108666	59444.2	37.6	5988.8	963806	4.883 ng/ml
Lamotrigine	4.309	10267	18691.3	82.6	31945.3	899446	4.963 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.692	65564	20518.1	220.6	7277.1	4932688	5.190 ng/ml
Lorazepam	5.769	7340	∞	48.0	∞	130698	6.213 ng/ml
MDA	3.210	156955	5425.4	26.2	5517.1	899446	4.804 ng/ml
MDMA	3.302	109183	292494.2	100.8	12466.6	212822	5.057 ng/ml
Methadone	5.671	198236	2662.7	56.2	∞	1745034	5.137 ng/ml
Methamphetamine	3.231	128606	583.0	250.2	755.6	1696637	4.661 ng/ml
Metoprolol	4.339	33458	∞	96.1	∞	4932688	4.773 ng/ml
Mirtazapine	4.675	236868	∞	48.7	207816.3	1745034	6.211 ng/ml
Mitragynine	5.262	45493	73039.3	31.6	20433.4	1073768	4.951 ng/ml
Morphine	1.231	7715	∞	17.5	∞	18004	4.979 ng/ml
Nordiazepam	5.912	40112	∞	63.7	597460.9	253377	4.964 ng/ml
Norfentanyl	4.093	8242	103288563816 26.9	34.0	5850.7	1827291	0.493 ng/ml
Norhydrocodone	3.080	5290	∞	23.6	∞	192063	5.069 ng/ml
Noroxycodone	2.926	38084	∞	46.6	∞	255866	4.870 ng/ml
O-desmethyl-tramadol	3.389	251217	12829765.5	6.0	2767.0	2181339	5.021 ng/ml
Oxazepam	5.771	17640	1473.4	65.1	∞	130698	5.087 ng/ml
Oxycodone	2.853	101780	∞	28.1	∞	740873	4.984 ng/ml
Oxymorphone	1.394	66307	∞	44.4	∞	447707	4.975 ng/ml
Phentermine	3.796	51144	393.9	10.3 High	270.1	1103580	3.671 ng/ml
Promethazine	5.563	183495	256673.2	38.6	∞	1733737	5.071 ng/ml
Pseudoephedrine	2.590	573814	32592.3	24.9	14201.0	4932688	5.080 ng/ml
Quetiapine	5.586	173552	∞	62.0	3360712.9	444058	4.967 ng/ml
Sertraline	5.786	50090	115416.6	93.9	16358.7	335360	4.944 ng/ml
Temazepam	5.843	83795	2325.5	29.8	313.4	672515	5.066 ng/ml
Tramadol	4.262	236529	2238574.1	3.5	466.1	1989694	4.927 ng/ml
Venlafaxine	5.058	188508	∞	39.2	1147.3	2241262	5.240 ng/ml
Zolpidem	4.999	249435	∞	30.0	78030.0	2088753	5.059 ng/ml

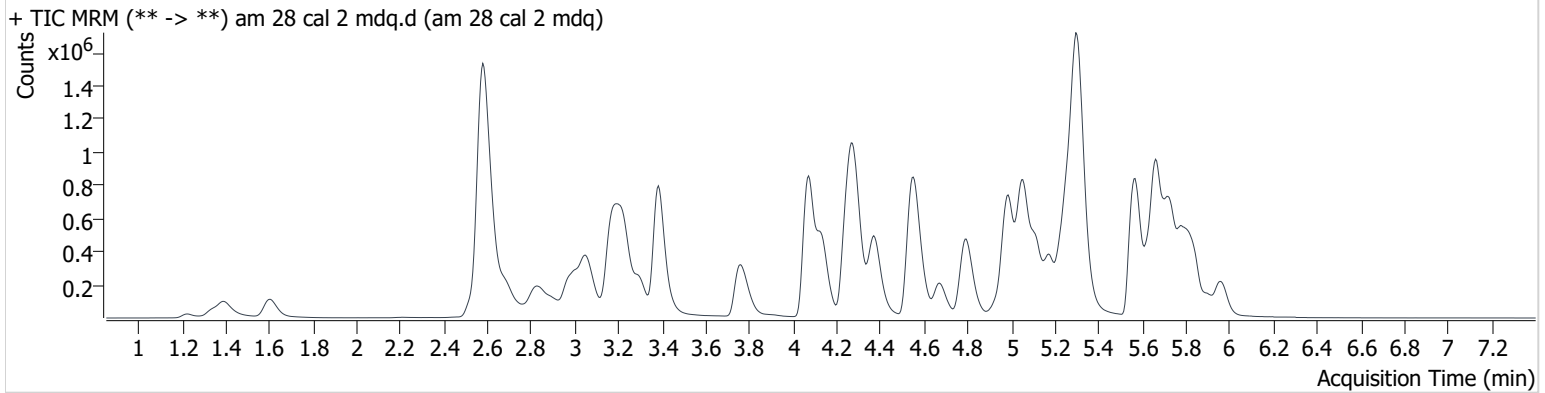
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 cal 2 mdq.d
Type	Cal	Sample	am 28 cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-B1	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 2:25:44 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	5058	10764.1	137.7	∞	138857	1.006 ng/ml
7-aminoclonazepam	4.308	63946	∞	72.7	244881.3	350134	10.045 ng/ml
a-hydroxyalprazolam	5.722	13564	2882.6	58.6	439.7	524583	11.397 ng/ml
alpha-PHP	4.950	237438	298444.8	40.0	9296.6	1451948	10.283 ng/ml
alpha-PVP	4.382	309113	66416.8	51.6	175230.8	1213515	10.039 ng/ml
Alprazolam	5.796	150109	1144.3	92.1	1575.4	524583	9.638 ng/ml
Amphetamine	3.057	570917	∞	44.3	5363.7	904730	10.558 ng/ml
Benzoylcegonine	3.916	6340	∞	48.9	∞	20395	10.446 ng/ml
Buprenorphine	5.835	6961	228433745881 70.7	14.2	1932.3	221007	1.035 ng/ml
Bupropion	4.810	318527	∞	68.6	∞	1451948	9.691 ng/ml
Carisoprodol	5.746	128643	272643.0	57.6	∞	475619	9.952 ng/ml
Citalopram	5.238	235144	4450.5	40.5	88749.3	977595	9.994 ng/ml
Clonazepam	5.639	39397	90223.2	31.7	∞	67998	9.933 ng/ml
Clonazolam	5.586	66416	216039.5	38.6	27741.0	67998	10.803 ng/ml
Cocaine	4.281	234012	419522.7	46.0	∞	1679573	10.314 ng/ml
Codeine	2.603	36895	61762.5	90.0	∞	157455	10.190 ng/ml
Cyclobenzaprine	5.641	290121	18875.9	10.1	∞	963566	10.064 ng/ml
Dextromethorphan	5.281	181626	101837.1	75.8	150903.6	833409	10.214 ng/ml
Dextrorphan	4.133	217565	805693.7	45.4	∞	1099396	9.958 ng/ml
Diazepam	5.968	108898	2799.8	85.8	12650.4	495629	10.132 ng/ml
Dihydrocodeine	2.567	86721	2188.3	59.4	5177.5	479324	10.239 ng/ml
Diphenhydramine	5.308	775246	∞	31.4	539407.5	3785485	9.760 ng/ml
Doxylamine	4.566	663997	71641.9	80.5	479953.5	2596056	9.876 ng/ml
EDDP	5.276	261742	332359.1	43.1	4000387.0	1263020	10.018 ng/ml
Etizolam	5.836	71498	119822.4	23.2	∞	524583	9.773 ng/ml
Fentanyl	5.133	25439	4751.0	126.5	29790.7	1328618	1.011 ng/ml
Flualprazolam	5.727	67494	4497.7	104.9	∞	524583	9.799 ng/ml
Fluoxetine	5.723	305274	44488.5	7.4	32319.9	1120264	10.139 ng/ml
Hydrocodone	3.044	114813	∞	36.0	∞	569574	10.562 ng/ml
Hydromorphone	1.608	96205	∞	75.0	∞	328169	9.367 ng/ml
Ketamine	4.083	216643	∞	38.0	2327.4	1031533	10.338 ng/ml
Lamotrigine	4.309	19536	6283.1	85.9	63035.7	955416	10.022 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.692	133080	∞	219.5	11529.1	5264748	9.841 ng/ml
Lorazepam	5.769	16028	∞	41.2	∞	128578	10.621 ng/ml
MDA	3.210	310820	20678.2	26.4	2274.1	955416	10.467 ng/ml
MDMA	3.302	219167	307357.5	99.5	51467.3	229989	9.975 ng/ml
Methadone	5.671	398290	8146.5	56.2	7379.1	1862446	9.801 ng/ml
Methamphetamine	3.231	238919	539.8	248.3	934.3	1838357	11.201 ng/ml
Metoprolol	4.339	66556	∞	93.6	∞	5264748	10.480 ng/ml
Mirtazapine	4.670	484311	680563.4	48.0	481248.6	1862446	10.764 ng/ml
Mitragynine	5.268	90673	787221.6	29.1	33589.5	1120264	10.293 ng/ml
Morphine	1.231	15073	∞	17.7	∞	18618	9.912 ng/ml
Nordiazepam	5.917	80297	202959.8	62.7	∞	266926	10.167 ng/ml
Norfentanyl	4.098	15700	2081.7	40.6	∞	1960828	0.990 ng/ml
Norhydrocodone	3.085	12215	∞	22.8	∞	208888	10.036 ng/ml
Noroxycodone	2.926	80658	∞	43.9	∞	275539	10.455 ng/ml
O-desmethyl-tramadol	3.388	504660	∞	6.3	15300.9	2355961	9.994 ng/ml
Oxazepam	5.776	30681	1038.1	78.1	∞	128578	9.688 ng/ml
Oxycodone	2.853	201176	∞	29.0	∞	788820	10.089 ng/ml
Oxymorphone	1.394	132411	∞	44.4	∞	483390	10.034 ng/ml
Phentermine	3.791	105488	220.6	9.1	313091668 55437.9	1199023	9.531 ng/ml
Promethazine	5.563	351833	676957.9	39.6	553780.6	1744128	10.036 ng/ml
Pseudoephedrine	2.590	1151282	∞	25.2	∞	5264748	9.933 ng/ml
Quetiapine	5.586	346163	∞	60.1	409066.0	464870	10.200 ng/ml
Sertraline	5.786	105549	∞	96.8	126126.0	370423	10.201 ng/ml
Temazepam	5.838	163397	146761.2	31.9	1110.2	695282	10.038 ng/ml
Tramadol	4.262	484119	318814.6	3.6	595.4	2192679	10.217 ng/ml
Venlafaxine	5.058	371109	∞	40.8	4185.4	2421732	9.539 ng/ml
Zolpidem	5.005	495236	5594721.7	31.2	∞	2253859	9.884 ng/ml

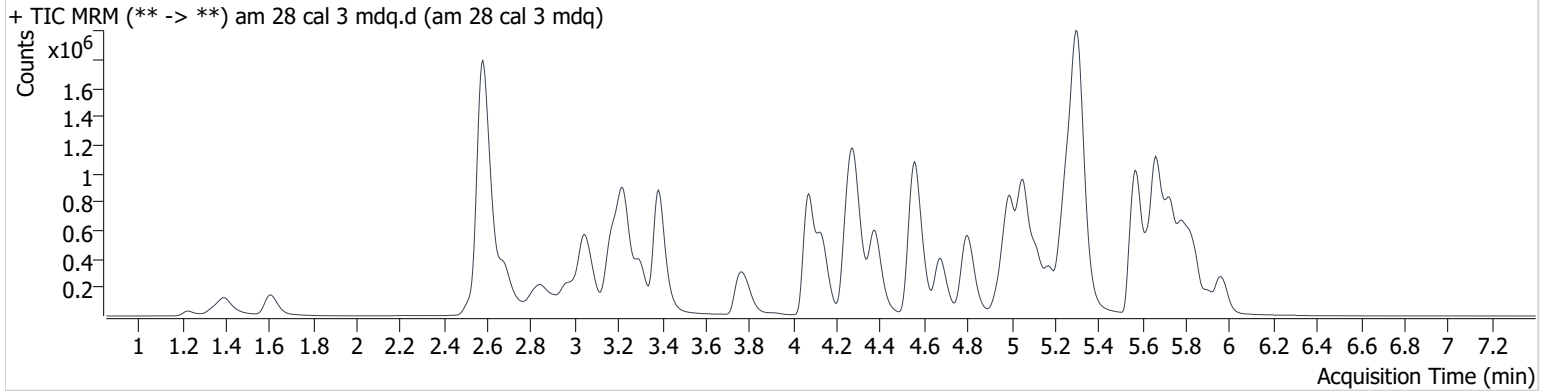
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 cal 3 mdq.d
Type	Cal	Sample	am 28 cal 3 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-C1	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 2:34:45 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	10265	∞	147.5	∞	125490	2.373 ng/ml
7-aminoclonazepam	4.308	128501	4184.1	72.4	∞	310224	23.760 ng/ml
a-hydroxyalprazolam	5.722	25869	307.0	54.9	1017.8	464564	27.951 ng/ml
alpha-PHP	4.950	497647	1434929.0	39.5	∞	1279561	26.765 ng/ml
alpha-PVP	4.382	635487	23584.8	53.2	25273.1	1084860	23.934 ng/ml
Alprazolam	5.796	329930	∞	86.3	∞	464564	24.923 ng/ml
Amphetamine	3.052	1150543	26995.4	43.9	11984.1	811049	26.708 ng/ml
Benzoylcegonine	3.921	12905	4455.2	49.9	464.3	17859	25.559 ng/ml
Buprenorphine	5.835	13554	∞	15.7	3319.9	191036	2.424 ng/ml
Bupropion	4.811	680777	266653.6	67.6	39722.2	1279561	24.305 ng/ml
Carisoprodol	5.746	270691	41947266.0	58.2	∞	423959	25.023 ng/ml
Citalopram	5.238	478546	12218.2	40.0	571508.5	835144	24.882 ng/ml
Clonazepam	5.639	85314	1528281.2	31.3	∞	59772	26.281 ng/ml
Clonazepam	5.586	134448	453907.9	38.0	85136.6	59772	27.303 ng/ml
Cocaine	4.281	473119	∞	46.2	419720.3	1487045	24.484 ng/ml
Codeine	2.598	73648	134731.6	90.0	21134.3	140203	26.821 ng/ml
Cyclobenzaprine	5.641	563920	368707.3	10.4	4874.2	823788	24.105 ng/ml
Dextromethorphan	5.281	367640	16352.9	75.3	229236.7	727687	24.608 ng/ml
Dextrophan	4.133	462284	5277237.0	44.3	∞	982803	24.352 ng/ml
Diazepam	5.968	234337	205750.4	85.7	∞	457137	24.630 ng/ml
Dihydrocodeine	2.557	182175	1745.8	58.9	3561.0	433087	25.900 ng/ml
Diphenhydramine	5.313	1598339	∞	31.6	9109.2	3292885	23.567 ng/ml
Doxylamine	4.566	1418786	2017930.8	79.2	30111.8	2314663	24.582 ng/ml
EDDP	5.276	605456	∞	42.4	3141124.4	1235264	24.507 ng/ml
Etizolam	5.836	147308	∞	25.0	∞	464564	21.652 ng/ml
Fentanyl	5.133	52550	∞	130.2	89497.0	1180960	2.395 ng/ml
Flualprazolam	5.727	144347	122159.1	101.3	5524.0	464564	24.810 ng/ml
Fluoxetine	5.723	552553	717115.0	7.4	257644.7	879401	24.743 ng/ml
Hydrocodone	3.039	233562	∞	36.6	∞	515808	25.222 ng/ml
Hydromorphone	1.613	211083	∞	69.3	∞	292745	24.656 ng/ml
Ketamine	4.083	443534	34924.8	38.7	10897.5	931095	25.274 ng/ml
Lamotrigine	4.314	39538	2226.2	85.3	14331.8	852874	24.533 ng/ml
Levetiracetam	2.681	272527	30647.9	220.1	∞	4691588	22.573 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	32531	∞	47.8	431.0	106681	22.220 ng/ml
MDA	3.210	632811	17262.5	26.1	3476.5	852874	26.111 ng/ml
MDMA	3.302	453439	168421.9	100.3	32436.1	205907	23.941 ng/ml
Methadone	5.671	835320	31386.3	56.1	∞	1665234	23.188 ng/ml
Methamphetamine	3.231	416352	914.9	247.7	1888.0	1656719	25.851 ng/ml
Metoprolol	4.339	137609	651245.1	93.8	∞	4691588	26.736 ng/ml
Mirtazapine	4.675	982851	2887529.4	49.5	4949243.0	1665234	22.859 ng/ml
Mitragynine	5.268	179723	272195.2	30.9	783857.4	879401	27.387 ng/ml
Morphine	1.231	32196	∞	16.9	8112.9	15493	26.333 ng/ml
Nordiazepam	5.917	165804	∞	61.6	∞	234274	25.021 ng/ml
Norfentanyl	4.093	33608	3598.5	36.5	∞	1749846	2.581 ng/ml
Norhydrocodone	3.075	26183	∞	23.9	∞	184786	23.398 ng/ml
Noroxycodone	2.920	163758	∞	44.8	∞	241372	25.427 ng/ml
O-desmethyl-tramadol	3.388	1065712	789202.4	6.1	∞	2098212	24.743 ng/ml
Oxazepam	5.776	62571	2109.5	70.7	∞	106681	25.132 ng/ml
Oxycodone	2.848	414378	∞	29.4	∞	701607	24.650 ng/ml
Oxymorphone	1.394	277248	∞	43.6	∞	426845	25.139 ng/ml
Phentermine	3.791	218734	854.3	9.2	685.8	1062166	26.133 ng/ml
Promethazine	5.563	703731	1267601.2	39.4	26405.5	1525342	23.478 ng/ml
Pseudoephedrine	2.585	2400854	∞	25.0	21935.1	4691588	23.829 ng/ml
Quetiapine	5.586	697091	2846150.3	61.3	3914880.1	401954	24.834 ng/ml
Sertraline	5.786	172746	∞	94.1	247024.2	259926	24.920 ng/ml
Temazepam	5.843	319968	10161.6	30.4	1459.0	593821	23.718 ng/ml
Tramadol	4.262	1000890	∞	3.5	1113.7	1979846	24.996 ng/ml
Venlafaxine	5.058	789297	∞	39.3	4899.2	2140570	22.941 ng/ml
Zolpidem	5.005	1029107	∞	30.6	∞	1985629	24.247 ng/ml

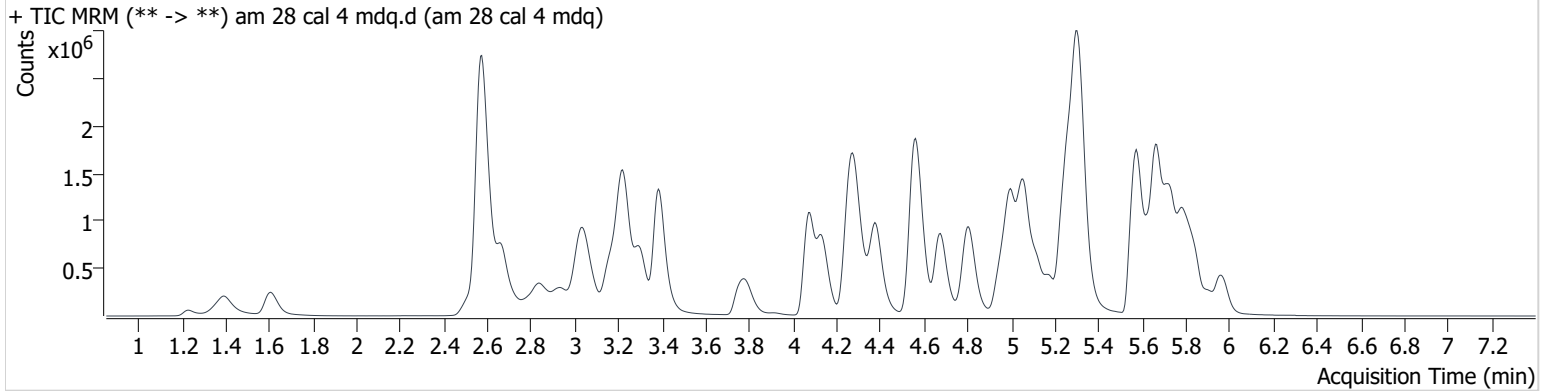
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 cal 4 mdq.d
Type	Cal	Sample	am 28 cal 4 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-D1	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 2:43:47 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	23172	∞	137.2	∞	136365	5.028 ng/ml
7-aminoclonazepam	4.308	269366	221951.7	72.9	31100.0	319269	49.193 ng/ml
a-hydroxyalprazolam	5.717	48915	716.1	55.7	4236.0	459159	56.170 ng/ml
alpha-PHP	4.950	1084933	302189.9	40.4	16284.7	1442112	53.339 ng/ml
alpha-PVP	4.387	1388157	∞	53.8	26799.7	1184528	48.535 ng/ml
Alprazolam	5.796	647762	∞	87.0	∞	459159	50.176 ng/ml
Amphetamine	3.037	2394136	∞	43.3	32399.7	874030	53.789 ng/ml
Benzoylcegonine	3.921	28921	17917.4	48.7	1197.1	21318	48.831 ng/ml
Buprenorphine	5.835	28031	70595.8	15.3	10125.8	213144	4.557 ng/ml
Bupropion	4.811	1511426	2366043.1	67.8	52779.9	1442112	48.424 ng/ml
Carisoprodol	5.751	507511	1250817.4	57.1	∞	407402	49.891 ng/ml
Citalopram	5.238	990110	13446.8	41.4	19369.4	879323	49.643 ng/ml
Clonazepam	5.639	158809	∞	33.2	169367.6	58560	51.047 ng/ml
Clonazepam	5.586	246254	∞	39.3	∞	58560	52.661 ng/ml
Cocaine	4.281	1022757	∞	46.4	∞	1614937	49.455 ng/ml
Codeine	2.583	152271	∞	88.8	∞	155532	52.754 ng/ml
Cyclobenzaprine	5.636	1315513	1080481.5	10.2	∞	946475	49.932 ng/ml
Dextromethorphan	5.286	771904	1163841.3	73.9	∞	781040	48.813 ng/ml
Dextroprphan	4.139	992334	5396503.1	45.8	38930.3	1066430	48.659 ng/ml
Diazepam	5.968	496197	∞	86.3	∞	484267	49.975 ng/ml
Dihydrocodeine	2.536	400808	1006.2	59.6	3617.4	477737	53.229 ng/ml
Diphenhydramine	5.313	3449060	243190.0	30.5	109691.9	3509564	48.040 ng/ml
Doxylamine	4.566	3185320	758721.3	79.9	769493.4	2602056	49.747 ng/ml
EDDP	5.276	1246714	∞	42.0	∞	1283010	49.169 ng/ml
Etizolam	5.836	306397	6165.8	24.9	∞	459159	44.664 ng/ml
Fentanyl	5.133	121040	33613.0	129.6	251957.7	1369674	4.790 ng/ml
Flualprazolam	5.727	281408	∞	98.4	∞	459159	49.725 ng/ml
Fluoxetine	5.723	1407178	1835340.7	7.4	576476383 2397720.0	1113374	50.829 ng/ml
Hydrocodone	3.039	492510	∞	36.4	∞	556216	50.468 ng/ml
Hydromorphone	1.608	459533	∞	68.1	∞	318270	50.484 ng/ml
Ketamine	4.083	963061	119957.0	38.7	∞	1015467	51.746 ng/ml
Lamotrigine	4.309	85388	5412.9	84.3	80874.9	855592	54.461 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.666	582579	64091.5	223.0	816959737 378476.0	5044989	44.842 ng/ml
Lorazepam	5.764	56292	∞	49.8	∞	90639	42.559 ng/ml
MDA	3.205	1256283	100018.3	26.0	8653.0	855592	53.382 ng/ml
MDMA	3.302	992552	∞	98.6	44257.3	221901	49.327 ng/ml
Methadone	5.671	1937013	97291.7	53.1	∞	1839316	48.843 ng/ml
Methamphetamine	3.226	851551	1791.9	249.7	1772.4	1829612	51.702 ng/ml
Metoprolol	4.339	288495	∞	94.5	∞	5044989	53.867 ng/ml
Mirtazapine	4.675	2183973	34943566.4	48.9	5118733.8	1839316	44.734 ng/ml
Mitragynine	5.262	374976	274787.9	32.6	103008.0	1113374	45.727 ng/ml
Morphine	1.231	70340	∞	16.6	3189.3	18506	48.634 ng/ml
Nordiazepam	5.917	318338	∞	62.1	5802617.0	228960	49.940 ng/ml
Norfentanyl	4.098	73860	∞	34.4	∞	1862776	5.484 ng/ml
Norhydrocodone	3.075	58953	∞	25.5	∞	195983	48.947 ng/ml
Noroxycodone	2.915	348223	∞	44.9	∞	266136	49.881 ng/ml
O-desmethyl-tramadol	3.388	2369007	∞	6.1	56651.9	2368884	49.456 ng/ml
Oxazepam	5.776	98381	9625.9	72.5	557.7	90639	47.277 ng/ml
Oxycodone	2.837	920770	∞	29.3	∞	773014	50.707 ng/ml
Oxymorphone	1.394	594400	∞	44.5	∞	461950	50.762 ng/ml
Phentermine	3.791	473779	5358.8	8.5	∞	1145393	55.368 ng/ml
Promethazine	5.563	1666758	5971714.2	39.2	28815.9	1783231	47.985 ng/ml
Pseudoephedrine	2.580	5209796	∞	24.8	∞	5044989	48.531 ng/ml
Quetiapine	5.586	1500880	3331991.6	61.7	∞	442303	49.369 ng/ml
Sertraline	5.786	528661	1853371.3	93.4	62549.2	396409	50.859 ng/ml
Temazepam	5.843	626402	107504.3	30.9	6598.0	583354	47.805 ng/ml
Tramadol	4.262	2212632	∞	3.5	1252.9	2178073	51.482 ng/ml
Venlafaxine	5.058	1737828	81798.0	40.1	17306.1	2329543	46.404 ng/ml
Zolpidem	5.005	2295952	∞	30.5	1124424.2	2190363	49.740 ng/ml

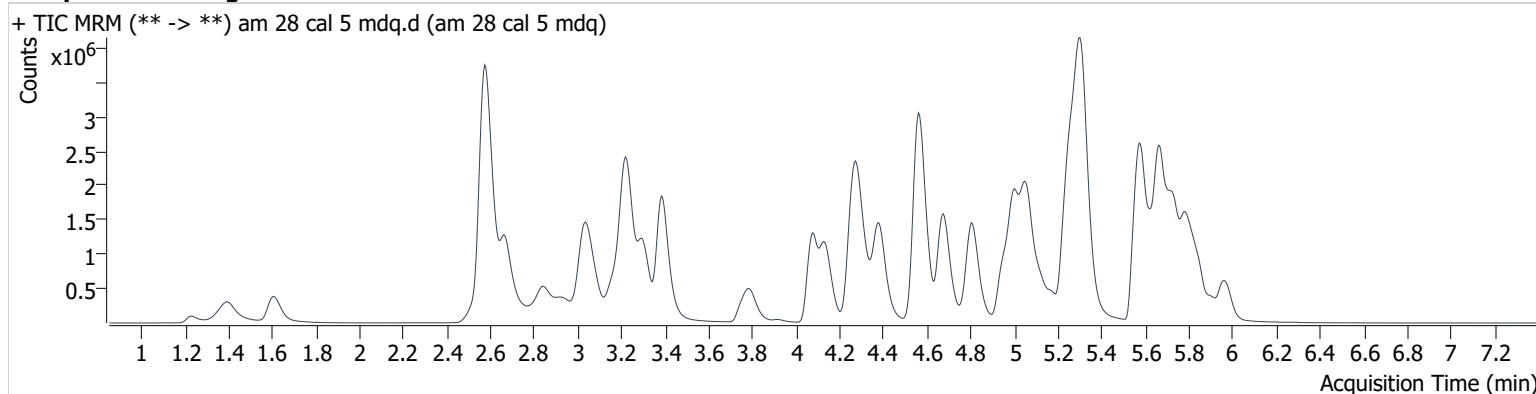
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 cal 5 mdq.d
Type	Cal	Sample	am 28 cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-E1	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 2:52:49 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	40331	∞	143.8	∞	125133	9.620 ng/ml
7-aminoclonazepam	4.308	440037	589990.9	74.3	139235.9	262728	98.415 ng/ml
a-hydroxyalprazolam	5.717	73910	1318.3	56.4	6247.8	379896	105.019 ng/ml
alpha-PHP	4.950	1963956	316789.9	39.4	27790.2	1327167	106.537 ng/ml
alpha-PVP	4.387	2564775	185046.7	52.7	∞	1088303	98.263 ng/ml
Alprazolam	5.791	1073980	∞	88.6	∞	379896	101.227 ng/ml
Amphetamine	3.037	3992720	∞	43.9	33748.0	801289	99.799 ng/ml
Benzoylcegonine	3.921	55902	∞	51.2	∞	20526	99.002 ng/ml
Buprenorphine	5.835	51143	607404.9	15.4	∞	188553	9.477 ng/ml
Bupropion	4.811	2801536	20135883.7	67.1	126092.8	1327167	98.103 ng/ml
Carisoprodol	5.751	815422	2644026.3	57.2	17415.8	328681	100.476 ng/ml
Citalopram	5.238	1684527	35944.6	41.0	∞	749088	99.919 ng/ml
Clonazepam	5.639	266382	9328.5	31.6	596507.9	47849	106.097 ng/ml
Clonazepam	5.586	389663	∞	38.8	∞	47849	103.727 ng/ml
Cocaine	4.281	1865081	498149.0	45.9	1192777.8	1473118	99.593 ng/ml
Codeine	2.588	261268	∞	86.9	∞	132934	109.130 ng/ml
Cyclobenzaprine	5.636	2339292	53187.2	9.9	∞	834538	101.677 ng/ml
Dextromethorphan	5.281	1331625	32127.7	74.0	46004.5	670495	98.804 ng/ml
Dextrophan	4.139	1810401	∞	45.4	3204468.3	969736	98.122 ng/ml
Diazepam	5.968	880480	∞	87.8	∞	434624	99.536 ng/ml
Dihydrocodeine	2.536	710397	4646.6	60.1	7625.1	437733	104.442 ng/ml
Diphenhydramine	5.313	6057491	481985.5	30.3	805226.0	3024964	98.217 ng/ml
Doxylamine	4.566	5975750	1023853.0	80.1	128044.2	2441438	100.120 ng/ml
EDDP	5.276	2440817	5522205.6	43.2	7295166.3	1254733	99.029 ng/ml
Etizolam	5.836	550624	∞	24.3	∞	379896	96.054 ng/ml
Fentanyl	5.134	224647	108763.4	129.4	292481.1	1271822	9.608 ng/ml
Flualprazolam	5.727	478885	∞	95.6	∞	379896	103.130 ng/ml
Fluoxetine	5.723	2349662	3046724.3	7.3	∞	936641	101.918 ng/ml
Hydrocodone	3.039	873699	∞	36.9	∞	497345	101.307 ng/ml
Hydromorphone	1.608	793294	∞	76.7	∞	297369	94.215 ng/ml
Ketamine	4.083	1724144	1381530.1	39.4	19586.9	934707	102.005 ng/ml
Lamotrigine	4.314	138518	5837.2	89.1	13022.7	734417	104.196 ng/ml
Levetiracetam	2.671	1078375	∞	220.0	∞	4486327	93.305 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	83447	∞	47.9	207319640 02214.0	63409	87.272 ng/ml
MDA	3.205	2075236	67555.0	26.1	12112.4	734417	104.347 ng/ml
MDMA	3.302	1769368	∞	99.2	1855461.5	199510	98.468 ng/ml
Methadone	5.671	3482850	273595.8	53.2	49927.0	1673027	96.696 ng/ml
Methamphetamine	3.226	1483673	2033.3	249.4	1425.6	1721111	99.586 ng/ml
Metoprolol	4.344	488088	∞	96.1	∞	4486327	104.139 ng/ml
Mirtazapine	4.675	4071113	∞	48.3	∞	1673027	90.377 ng/ml
Mitragynine	5.262	641824	48685.0	32.2	385118.8	936641	93.985 ng/ml
Morphine	1.231	130109	∞	18.3	∞	16904	99.068 ng/ml
Nordiazepam	5.917	523452	∞	62.8	∞	194226	97.567 ng/ml
Norfentanyl	4.098	127992	∞	35.1	417219.0	1680831	10.668 ng/ml
Norhydrocodone	3.080	104526	∞	27.6	3464.6	174463	96.851 ng/ml
Noroxycodone	2.910	607351	∞	44.8	∞	231475	100.939 ng/ml
O-desmethyl-tramadol	3.388	4311215	2049598.7	6.2	227502.0	2193908	97.915 ng/ml
Oxazepam	5.776	147853	1726.3	71.3	6261.4	63409	102.599 ng/ml
Oxycodone	2.843	1674026	∞	28.7	∞	718544	100.111 ng/ml
Oxymorphone	1.394	1073626	∞	44.0	∞	423505	100.962 ng/ml
Phentermine	3.791	830509	4636.5	8.3	6965.2	1042840	109.241 ng/ml
Promethazine	5.563	3137518	∞	38.1	51306.2	1632581	99.095 ng/ml
Pseudoephedrine	2.580	9281754	∞	24.6	∞	4486327	97.667 ng/ml
Quetiapine	5.586	2672896	6076372.7	60.9	4222758.2	401246	97.699 ng/ml
Sertraline	5.786	885028	771529.7	95.1	123122.8	339513	100.218 ng/ml
Temazepam	5.849	998182	∞	30.9	12287.3	460394	97.078 ng/ml
Tramadol	4.264	3972673	73070.8	3.4	2438.0	1982197	102.777 ng/ml
Venlafaxine	5.058	3182301	5596884.6	39.2	63423.4	2108444	93.876 ng/ml
Zolpidem	5.008	4167079	360953.5	29.9	31546307.2	1989775	100.061 ng/ml

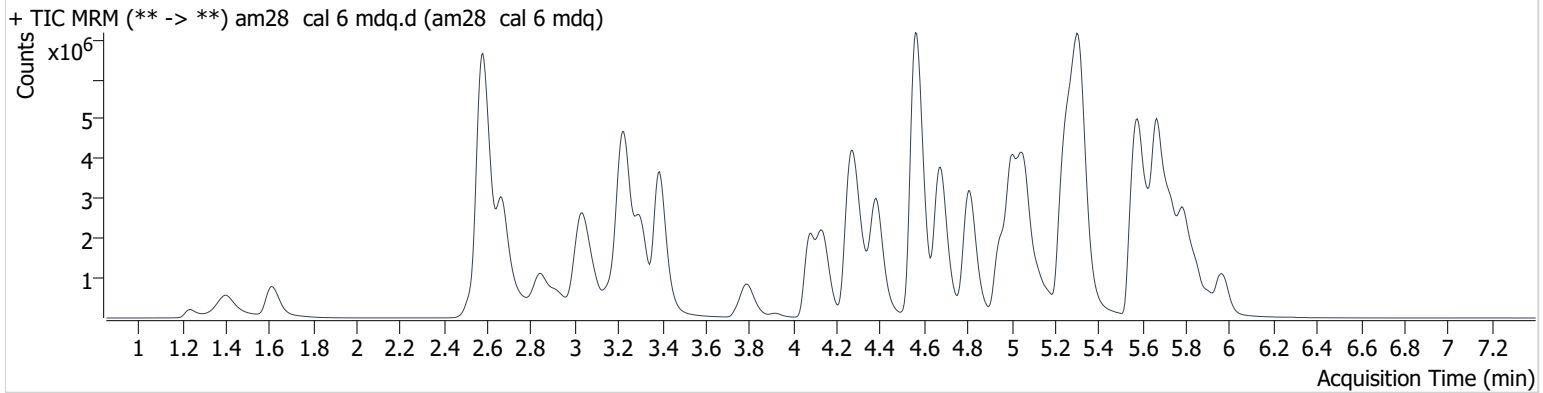
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am28 cal 6 mdq.d
Type	Cal	Sample	am28 cal 6 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-F1	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 3:01:51 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	103708	∞	135.3	∞	121395	25.650 ng/ml
7-aminoclonazepam	4.308	688142	84495.7	76.1	29168.4	166759	243.602 ng/ml
a-hydroxyalprazolam	5.717	128333	10568.2	55.0	1831.6	295691	237.913 ng/ml
alpha-PHP	4.950	4648497	127855.8	39.6	∞	1340948	251.822 ng/ml
alpha-PVP	4.387	6315955	178906.4	52.8	93675.5	1063878	248.529 ng/ml
Alprazolam	5.796	2086594	∞	88.2	∞	295691	253.688 ng/ml
Amphetamine	3.032	7860785	351291249027 41200.0	45.0	∞	751804	212.031 ng/ml
Benzoylcegonine	3.921	163882	321208.5	51.4	548995.7	24282	246.759 ng/ml
Buprenorphine	5.840	108257	∞	16.1	87717.0	156715	24.251 ng/ml
Bupropion	4.810	7254167	1948000.7	65.7	222815.2	1340948	252.292 ng/ml
Carisoprodol	5.751	1365777	∞	56.3	37706.8	222068	250.750 ng/ml
Citalopram	5.232	3400455	200577.6	41.9	84188.3	611307	248.306 ng/ml
Clonazepam	5.639	420985	195556.4	33.2	2301061.0	31655	255.171 ng/ml
Clonazolam	5.591	623136	4075.0	39.7	∞	31655	253.374 ng/ml
Cocaine	4.281	4182432	972257.7	45.5	∞	1326735	249.060 ng/ml
Codeine	2.588	515968	3112567.7	89.0	∞	113857	255.808 ng/ml
Cyclobenzaprine	5.636	4840723	3877590.4	10.0	∞	710307	248.574 ng/ml
Dextromethorphan	5.281	2702996	731989.3	74.7	∞	538860	250.627 ng/ml
Dextrorphan	4.139	4379294	1461427.8	44.8	255377.4	926817	249.104 ng/ml
Diazepam	5.968	1918462	∞	86.4	∞	382566	247.486 ng/ml
Dihydrocodeine	2.531	1658114	16424.3	60.0	1149.7	443922	242.433 ng/ml
Diphenhydramine	5.318	13143281	∞	30.0	1381597.5	2576253	250.715 ng/ml
Doxylamine	4.566	15791269	771394.6	81.3	∞	2496059	259.822 ng/ml
EDDP	5.277	6021858	729279.2	43.1	∞	1238862	248.340 ng/ml
Etizolam	5.836	1137251	∞	25.3	55154.0	295691	253.535 ng/ml
Fentanyl	5.134	609009	812057.7	128.1	596957.1	1322146	25.111 ng/ml
Flualprazolam	5.727	911695	∞	96.6	∞	295691	253.418 ng/ml
Fluoxetine	5.718	4316575	155995.6	7.6	∞	713939	247.112 ng/ml
Hydrocodone	3.033	2108101	∞	38.0	∞	488919	250.397 ng/ml
Hydromorphone	1.613	2037744	∞	72.5	∞	288108	251.621 ng/ml
Ketamine	4.084	4137842	4570749.1	38.1	28837.2	909168	253.794 ng/ml
Lamotrigine	4.314	263553	29649.8	87.0	226173.4	583364	251.579 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.671	2722370	140379.9	221.9	665970.0	3980424	265.427 ng/ml
Lorazepam	5.764	141190	∞	49.4	∞	36561	251.066 ng/ml
MDA	3.199	3788475	181149.5	26.2	∞	583364	242.087 ng/ml
MDMA	3.302	4122488	745300.7	98.8	60191.9	184392	249.264 ng/ml
Methadone	5.671	8587474	1924956.1	51.1	77575.6	1582781	252.248 ng/ml
Methamphetamine	3.226	3342846	1355.8	257.8	1077.8	1790414	220.926 ng/ml
Metoprolol	4.344	984846	19010264.2	95.7	∞	3980424	239.171 ng/ml
Mirtazapine	4.676	10181416	1073850.4	47.2	196733.3	1582781	236.876 ng/ml
Mitragynine	5.262	1332960	77999.1	34.3	∞	713939	257.657 ng/ml
Morphine	1.236	320858	∞	17.5	∞	15820	261.975 ng/ml
Nordiazepam	5.912	939577	∞	61.7	465098.1	139512	245.031 ng/ml
Norfentanyl	4.098	270946	∞	35.5	∞	1503787	25.443 ng/ml
Norhydrocodone	3.080	239970	∞	29.0	∞	152744	252.918 ng/ml
Noroxycodone	2.910	1347263	∞	45.3	∞	209953	248.173 ng/ml
O-desmethyl-tramadol	3.391	11125266	5030293.8	6.0	206428.7	2217732	251.144 ng/ml
Oxazepam	5.771	215240	6920.4	71.6	2646.7	36561	260.423 ng/ml
Oxycodone	2.837	4165109	∞	28.8	∞	716411	251.287 ng/ml
Oxymorphone	1.399	2442011	∞	44.0	∞	384558	254.376 ng/ml
Phentermine	3.791	1861969	14548.2	7.9	4036.1	1008479	257.019 ng/ml
Promethazine	5.558	7652249	∞	37.1	204741.8	1585974	249.408 ng/ml
Pseudoephedrine	2.580	21183048	∞	24.2	∞	3980424	251.913 ng/ml
Quetiapine	5.591	5615534	29645223.9	61.8	∞	330446	250.493 ng/ml
Sertraline	5.786	1728690	2931054.7	95.1	∞	266720	250.435 ng/ml
Temazepam	5.849	1676889	251103.3	30.7	10792.1	298299	252.573 ng/ml
Tramadol	4.257	9448753	508009.8	3.4	5228.2	1960011	248.961 ng/ml
Venlafaxine	5.058	7966355	610887.7	38.1	48510.5	1945099	254.724 ng/ml
Zolpidem	5.007	10243691	531031.2	30.1	5953237.9	1939075	253.450 ng/ml

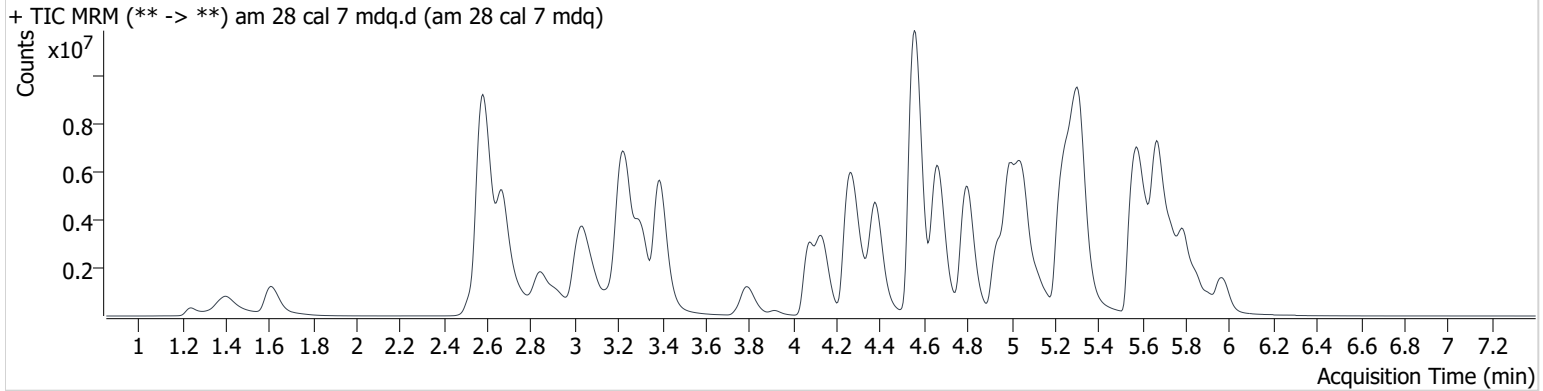
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 cal 7 mdq.d
Type	Cal	Sample	am 28 cal 7 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-G1	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 3:10:55 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	176360	∞	139.0	46419.6	103500	51.252 ng/ml
7-aminoclonazepam	4.308	721619	57574.0	79.1	15044.1	84119	507.244 ng/ml
a-hydroxyalprazolam	5.717	167760	1435.5	54.1	1698.1	210408	439.535 ng/ml
alpha-PHP	4.940	7755466	1000287.6	38.9	643108.0	1198414	471.556 ng/ml
alpha-PVP	4.382	11133886	∞	52.5	435332.3	895781	521.038 ng/ml
Alprazolam	5.791	2940491	∞	89.3	∞	210408	503.074 ng/ml
Amphetamine	3.026	11495608	∞	45.3	∞	670371	349.265 ng/ml
Benzoylcegonine	3.916	330573	143279.8	50.5	16676.2	23968	505.270 ng/ml
Buprenorphine	5.840	157601	334143.9	15.7	72636.4	102073	54.296 ng/ml
Bupropion	4.799	13505537	1363703.3	63.6	189088.8	1198414	526.183 ng/ml
Carisoprodol	5.746	1646503	24492645.8	57.5	42894.4	137435	489.508 ng/ml
Citalopram	5.224	4829660	95639.8	42.8	1347354.6	425027	508.044 ng/ml
Clonazepam	5.629	467759	∞	33.0	884340.4	19441	462.640 ng/ml
Clonazepam	5.591	682674	∞	40.8	∞	19441	453.427 ng/ml
Cocaine	4.279	6617525	297669.0	44.9	540607.8	1022679	511.992 ng/ml
Codeine	2.598	735024	∞	92.5	∞	86480	482.578 ng/ml
Cyclobenzaprine	5.631	7171674	461565.4	9.6	61912.7	516457	507.496 ng/ml
Dextromethorphan	5.276	3871352	134265.2	74.5	285569.9	385803	502.073 ng/ml
Dextrophan	4.133	7545002	128635.2	44.7	166843.5	776021	513.098 ng/ml
Diazepam	5.968	3032221	∞	86.3	∞	295619	506.991 ng/ml
Dihydrocodeine	2.526	2710319	8851.3	60.4	4689.0	397614	443.731 ng/ml
Diphenhydramine	5.313	20532796	505859.4	29.7	324727.0	1922381	525.243 ng/ml
Doxylamine	4.556	27253352	2733191.8	84.1	∞	2167402	517.056 ng/ml
EDDP	5.270	10415458	941513.0	42.1	235638.8	1044961	509.858 ng/ml
Etizolam	5.836	1827516	∞	24.8	∞	210408	571.528 ng/ml
Fentanyl	5.123	1215273	1120359.7	129.7	1516676.2	1258121	52.698 ng/ml
Flualprazolam	5.722	1259590	1432.9	95.2	3408.5	210408	492.794 ng/ml
Fluoxetine	5.723	5359061	297101.4	7.5	778557.7	436748	502.581 ng/ml
Hydrocodone	3.033	3705196	∞	36.9	∞	415682	518.916 ng/ml
Hydromorphone	1.608	3536368	∞	73.3	∞	234074	538.732 ng/ml
Ketamine	4.078	7003482	1218855.7	38.0	189295.5	788955	496.379 ng/ml
Lamotrigine	4.309	334022	6609.4	88.4	∞	420727	443.183 ng/ml
Levetiracetam	2.674	4788326	416180.8	225.4	738695.7	3140233	591.725 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	205353	335699.3	50.2	4779.5	23779	558.220 ng/ml
MDA	3.189	4886373	161296.3	26.5	∞	420727	434.323 ng/ml
MDMA	3.302	6962673	707553.9	98.1	352439.9	152044	511.273 ng/ml
Methadone	5.671	14673804	∞	48.9	360913.7	1282840	531.971 ng/ml
Methamphetamine	3.226	5450969	981.3	264.1	926.8	1742462	373.197 ng/ml
Metoprolol	4.339	1380039	∞	95.7	∞	3140233	426.237 ng/ml
Mirtazapine	4.665	17216838	∞	47.4	879499235 030688.0	1282840	492.868 ng/ml
Mitragynine	5.252	1903466	63619.9	34.7	1026132.1	436748	602.675 ng/ml
Morphine	1.241	537508	∞	15.5	∞	12832	541.665 ng/ml
Nordiazepam	5.912	1267497	392258.7	62.2	531503.8	88892	519.695 ng/ml
Norfentanyl	4.093	388750	∞	34.9	7785038.6	1146567	48.010 ng/ml
Norhydrocodone	3.085	391998	∞	30.6	∞	119072	529.269 ng/ml
Noroxycodone	2.915	2230730	∞	44.9	∞	171538	503.867 ng/ml
O-desmethyl-tramadol	3.388	19962262	376508.4	5.9	218534.4	1952298	512.691 ng/ml
Oxazepam	5.771	290936	1783.6	76.0	1801.0	23779	542.189 ng/ml
Oxycodone	2.841	7350036	∞	28.8	∞	630461	504.873 ng/ml
Oxymorphone	1.399	3947436	∞	44.0	∞	314334	504.012 ng/ml
Phentermine	3.791	3038426	17818.8	7.2	7933.8	920105	461.945 ng/ml
Promethazine	5.552	12814239	∞	36.0	∞	1260881	525.787 ng/ml
Pseudoephedrine	2.580	35097377	∞	23.6	∞	3140233	529.539 ng/ml
Quetiapine	5.587	8109479	∞	60.1	∞	235708	507.969 ng/ml
Sertraline	5.781	2097322	2481918.5	95.6	2768789.8	162286	500.205 ng/ml
Temazepam	5.849	2158666	∞	30.9	406026.7	185171	524.361 ng/ml
Tramadol	4.252	15580396	1204265.8	3.3	22021.8	1694463	475.983 ng/ml
Venlafaxine	5.052	14036259	327047.9	37.6	243370.2	1589028	549.369 ng/ml
Zolpidem	4.994	17447430	430003.8	29.9	308297.7	1625490	515.672 ng/ml

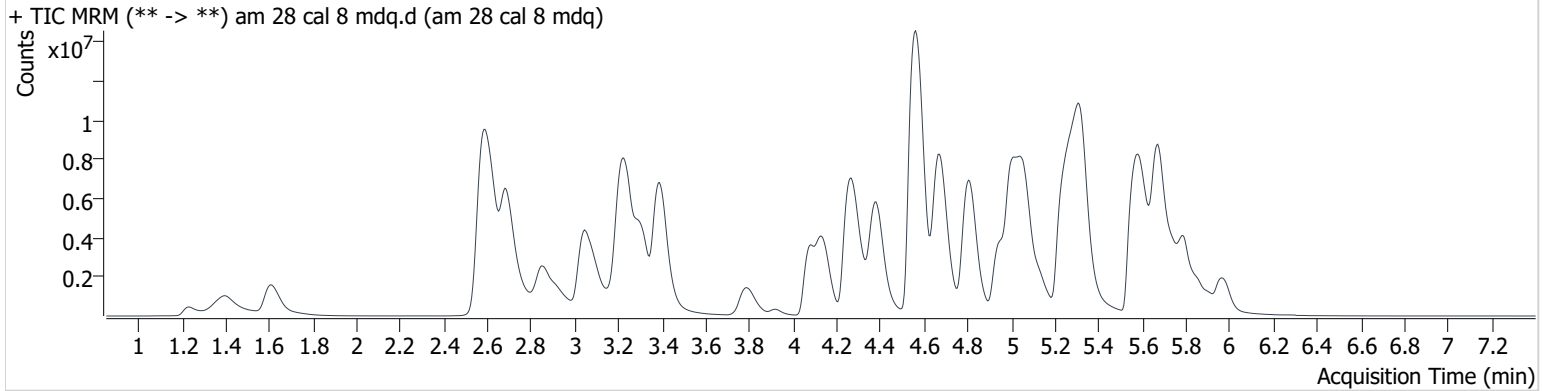
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\061721\QuantResults\mdq.batch.bin
Calibration Last Update 6/21/2021 9:16:03 AM

Instrument	69679	Data File	am 28 cal 8 mdq.d
Type	Cal	Sample	am 28 cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P1-H1	Comment	
Injection Volume	3		
Acq. Date-Time	6/17/2021 3:28:54 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.155	242314	∞	140.7	∞	71612	101.866 ng/ml
7-aminoclonazepam	4.308	795865	45382.7	78.8	∞	43684	1078.141 ng/ml
a-hydroxyalprazolam	5.722	203681	1877.4	54.6	3063.5	133573	843.313 ng/ml
alpha-PHP	4.948	9854189	∞	38.7	460693.2	840511	855.659 ng/ml
alpha-PVP	4.382	14859511	1684694.0	52.7	239364.9	599705	1039.353 ng/ml
Alprazolam	5.791	3653041	17264.3	87.9	256214051 89087.8	133573	985.134 ng/ml
Amphetamine	3.057	12047155	∞	45.6	8937289.9	496213	495.477 ng/ml
Benzoylcegonine	3.921	525874	∞	50.5	24383.2	19428	992.569 ng/ml
Buprenorphine	5.845	204994	784138.1	15.6	∞	66712	108.132 ng/ml
Bupropion	4.805	18412592	2534201.7	62.9	238998.1	840511	1023.360 ng/ml
Carisoprodol	5.751	1814015	3146659.6	57.7	66164.2	72965	1017.041 ng/ml
Citalopram	5.222	5622891	130016.0	42.8	3376681.7	251095	1001.960 ng/ml
Clonazepam	5.634	501024	19353407.2	31.9	251249.1	10274	938.988 ng/ml
Clonazolam	5.596	699751	∞	41.0	11225.1	10274	881.239 ng/ml
Cocaine	4.281	8271526	773697.0	45.1	337615.7	658619	994.390 ng/ml
Codeine	2.613	853175	65270.0	95.5	12173.1	48664	998.845 ng/ml
Cyclobenzaprine	5.631	8008144	277124.0	9.6	34327.0	292509	1001.484 ng/ml
Dextromethorphan	5.286	4308332	∞	73.6	420490.8	209814	1028.149 ng/ml
Dextrorphan	4.137	10041636	591395.5	43.8	178352.8	508529	1042.596 ng/ml
Diazepam	5.968	3962380	∞	86.7	∞	194795	1006.157 ng/ml
Dihydrocodeine	2.551	3157379	13976.9	61.6	1637.2	300333	685.219 ng/ml
Diphenhydramine	5.323	24061374	∞	29.6	187471.0	1119194	1057.544 ng/ml
Doxylamine	4.561	36837019	1831443.5	88.3	2616807.1	1594595	950.477 ng/ml
EDDP	5.275	15940674	∞	42.0	80908.6	795090	1026.162 ng/ml
Etizolam	5.836	2228439	∞	25.0	∞	133573	1097.042 ng/ml
Fentanyl	5.134	1757048	4476714.4	130.7	10391598.0	916797	104.590 ng/ml
Flualprazolam	5.727	1608566	7784.8	92.4	11795.4	133573	992.150 ng/ml
Fluoxetine	5.723	5311553	∞	7.5	∞	223541	974.203 ng/ml
Hydrocodone	3.039	4961767	∞	39.9	∞	319670	904.501 ng/ml
Hydromorphone	1.608	5015994	∞	72.5	∞	177987	1005.891 ng/ml
Ketamine	4.078	8988397	1125486.3	37.3	114262.6	549602	915.716 ng/ml
Lamotrigine	4.309	340612	117689.8	88.5	126151.0	259877	732.576 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.692	6617789	1100363.3	224.4	886371.5	1940759	1323.203 ng/ml
Lorazepam	5.764	265756	∞	49.6	7223.0	17825	961.829 ng/ml
MDA	3.189	5195690	188505.1	26.7	60096.0	259877	748.917 ng/ml
MDMA	3.302	8770784	447704.1	97.3	551542.0	93988	1042.572 ng/ml
Methadone	5.671	19151693	33703107.6	48.6	205279.3	849758	1048.307 ng/ml
Methamphetamine	3.231	6731835	822.8	263.5	872.6	1269974	635.482 ng/ml
Metoprolol	4.339	1596166	25080464.8	95.3	∞	1940759	799.276 ng/ml
Mirtazapine	4.670	23987746	12547153.9	47.0	∞	849758	1035.310 ng/ml
Mitragynine	5.252	2343443	172235.5	34.7	23008.7	223541	1450.950 ng/ml
Morphine	1.231	732222	∞	18.9	∞	10949	865.089 ng/ml
Nordiazepam	5.917	1477125	∞	62.5	∞	54111	995.675 ng/ml
Norfentanyl	4.093	444161	∞	35.5	∞	740929	84.996 ng/ml
Norhydrocodone	3.085	479597	∞	31.5	∞	74880	1029.102 ng/ml
Noroxycodone	2.920	2878251	∞	45.1	∞	116738	956.129 ng/ml
O-desmethyl-tramadol	3.388	26579797	1125899.0	5.9	∞	1322358	1008.583 ng/ml
Oxazepam	5.771	366139	21958.0	74.4	∞	17825	910.866 ng/ml
Oxycodone	2.852	10368072	∞	28.6	∞	459448	978.178 ng/ml
Oxymorphone	1.394	5389852	∞	43.8	∞	228964	945.626 ng/ml
Phentermine	3.791	4028140	∞	7.5	∞	664870	849.895 ng/ml
Promethazine	5.558	16433056	979876.6	35.6	∞	815241	1043.255 ng/ml
Pseudoephedrine	2.590	41910998	∞	23.5	∞	1940759	1023.562 ng/ml
Quetiapine	5.591	9751225	306579637.5	60.7	25926935.2	142534	1010.889 ng/ml
Sertraline	5.781	1949896	1680397.3	96.8	∞	77649	972.740 ng/ml
Temazepam	5.854	2463963	13910.5	30.6	23864.5	105774	1048.332 ng/ml
Tramadol	4.252	19924399	∞	3.3	14555.1	1045547	987.810 ng/ml
Venlafaxine	5.058	17927509	505566.8	37.2	213457.7	1017264	1096.041 ng/ml
Zolpidem	5.005	23372952	1435264.0	29.5	254560.1	1135653	989.397 ng/ml