

Bylee

Worklist: 5130

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-1425	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1488	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1501	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1517	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1523	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1553	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1579	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1679	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1682	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1687	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1690	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1710	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1712	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1714	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

BWylee

Extraction Date 7/27/2020

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: *alpha-hydroxyalprazolam-* evaluated qualitatively due to use of surrogate IS used.

Morphine, metoprolol, methamphetamine- evaluated qualitatively QC ratio out of range. *Diazepam-* evaluated qualitatively QC accuracy out of range

Fluoxetine, Mitragynine and Sertraline- Not evaluated.

Curve limitations: *5-50: buprenorphine, norbuprenorphine; 1-100 fentanyl; 0.5-50 norfentanyl*

5-500: *amphetamine, codeine, dihydrocodeine, lamotrigine, levetriacetam, MDA, norhydrocodone, phentermine, trazodone, venlafaxine*

10-1000: *alpha-hydroxyalprazolam, lorazepam, cyclobenzaprine, Oxazepam*

5-100 Norbuprenorphine; 10-500 Methamphetamine

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	1501	1679-2	IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	1517	1682	IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	1690	1687-3	IS + Cal. 3	IS + QC_3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	neg urine	1710	IS + Cal. 4	IS + QC_4					IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	Urine qc	urine ctrl	1712	IS + Cal. 5	QC2					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	neg blood	1523	1714-2	IS + Cal. 6						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	1425	1553	1353	IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	1488	1579	1443	IS + Cal. 8						IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

Case #: C2021-____-__

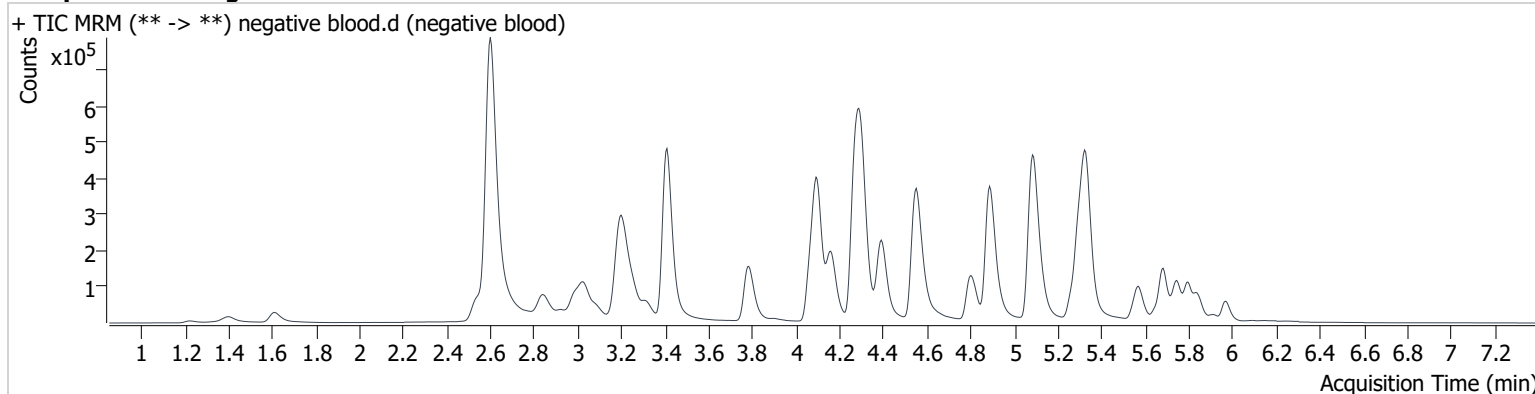
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 2:06:40 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluoxetine	5.733	15447	∞	6.7	3024.3	56963	10.021 ng/ml NE
Lorazepam	5.644	2939	∞			20570	7.809 ng/ml <10

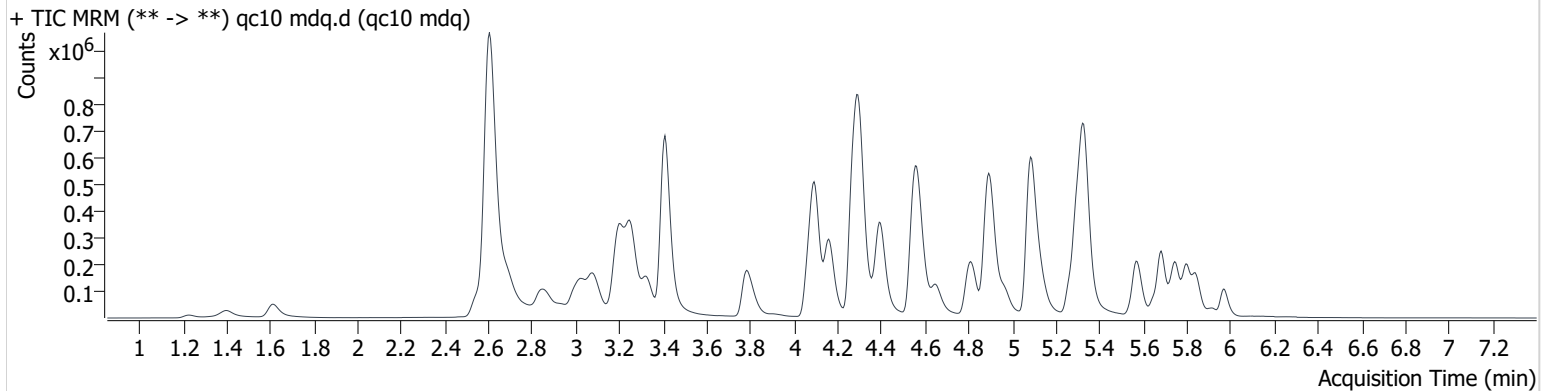
NE: Not evaluated

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:59:37 PM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-A2	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 1:39:33 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	3186	∞	135.1	∞	77705	1.065 ng/ml
7-aminoclonazepam	4.313	29086	20593.4	68.2	21675.5	150511	11.431 ng/ml
a-hydroxyalprazolam	5.733	3248	551.8	64.3	950.3	250411	11.178 ng/ml
alpha-PHP	4.971	126854	∞	40.5	73776.2	533686	9.573 ng/ml
alpha-PVP	4.403	197292	∞	52.9	∞	746600	10.605 ng/ml
Alprazolam	5.801	83848	1866.9	88.5	2187.6	250411	11.154 ng/ml
Amphetamine	3.083	264154	17249.2	40.8	34280.6	368363	11.134 ng/ml
Benzoylcegonine	3.936	4366	7301.3	53.6	633.6	13672	10.985 ng/ml
Bupropion	4.826	133762	210016.4	69.5	12433.0	533686	10.286 ng/ml
Carisoprodol	5.757	63289	∞	57.5	∞	237883	10.746 ng/ml
Citalopram	5.269	80347	3465.3	40.3	50807.1	317325	10.781 ng/ml
Clonazepam	5.650	8278	∞	36.2	4498.0	13820	10.669 ng/ml
Clonazolam	5.596	16768	22899.9	42.0	27725.6	13820	9.802 ng/ml
Cocaine	4.302	153012	8294.4	51.1	804781.6	1121332	10.878 ng/ml
Codeine	2.613	20840	∞	87.7	8088.6	86513	11.498 ng/ml
Cyclobenzaprine	5.652	36736	∞	9.9	7839.1	115615	10.355 ng/ml
Dextromethorphan	5.307	51157	16229.9	76.4	90413.5	223176	10.699 ng/ml
Dextrophan	4.164	131564	14547.4	44.5	5798.8	623034	11.031 ng/ml
Diazepam	5.974	39334	2504.7	86.2	1774991.3	184463	10.829 ng/ml
Dihydrocodeine	2.582	56867	984.6	59.3	345.6	307001	10.975 ng/ml
Diphenhydramine	5.334	272070	6742.7	30.9	∞	1256201	10.709 ng/ml
Doxylamine	4.571	436827	∞	80.2	9187.8	1539618	10.811 ng/ml
EDDP	5.301	169241	111894.3	41.5	35518.2	768582	11.087 ng/ml
Etizolam	5.841	48784	278080.7	23.1	12206.3	250411	10.913 ng/ml
Fentanyl	5.133	4653	∞	109.5	∞	211701	1.226 ng/ml
Flualprazolam	5.738	31472	∞	96.9	∞	250411	9.898 ng/ml
Fluoxetine	5.733	28296	∞	7.6	5199.8	91479	11.569 ng/ml
Hydrocodone	3.059	58084	∞	34.7	727.3	295140	10.742 ng/ml
Hydromorphone	1.618	41132	∞	67.2	∞	130729	10.295 ng/ml
Ketamine	4.083	145631	19282.5	38.2	5158.2	649410	10.973 ng/ml
Lamotrigine	4.329	13641	∞	82.0	∞	358286	11.829 ng/ml
Levetiracetam	2.692	65134	5289.8	227.9	∞	3379868	10.609 ng/ml
Lorazepam	5.780	5140	∞	50.9	78.1	24960	11.471 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.240	132156	76006.9	27.3	748.0	358286	11.101 ng/ml
MDMA	3.333	139943	∞	93.1	6223.4	133482	10.801 ng/ml
Meprobamate	4.961	16960	25892.5	28.4	591.8	47827	11.451 ng/ml
Methadone	5.686	109529	5313.3	52.0	∞	444602	10.627 ng/ml
Methamphetamine	3.257	434817	16600.7	37.8	1785.0	1019009	13.508 ng/ml
Metoprolol	4.365	43777	∞	97.0	∞	358286	11.513 ng/ml
Mirtazapine	4.649	179803	8059.0	50.2	15698.7	444602	9.432 ng/ml
Mitragynine	5.268	20851	85957.2	31.2	7056.9	768582	12.226 ng/ml
Morphine	1.236	7075	∞	16.1	1620.9	8376	10.384 ng/ml
Norbuprenorphine	5.040	117	281.2	88.5	637.4	7668	1.400 ng/ml
Nordiazepam	5.922	12907	56128.6	66.7	∞	40937	9.853 ng/ml
Norfentanyl	4.119	10738	1544.5	40.9	∞	1133126	1.089 ng/ml
Norhydrocodone	3.100	4496	∞	27.0	∞	91398	9.547 ng/ml
Noroxycodone	2.951	35793	∞	46.0	∞	104832	11.130 ng/ml
O-desmethyl-tramadol	3.414	391641	78160.5	5.8	5340.3	1788278	10.925 ng/ml
Oxazepam	5.787	6188	420.1	70.6	972.4	24960	9.627 ng/ml
Oxycodone	2.873	104361	∞	29.8	∞	384873	10.850 ng/ml
Oxymorphone	1.404	32943	∞	44.0	∞	103790	10.730 ng/ml
Phentermine	3.816	52906	998.1	9.0	680.4	585921	11.046 ng/ml
Promethazine	5.578	51566	∞	36.7	462.5	231510	10.644 ng/ml
Pseudoephedrine	2.615	758482	12134.7	24.3	14653.9	3379868	10.484 ng/ml
Quetiapine	5.565	123066	8848167.3	62.1	577532.3	155981	11.024 ng/ml
Sertraline	5.801	11029	∞	102.7	10604.6	36808	11.087 ng/ml
Temazepam	5.849	52752	2977.9	29.3	209.2	219383	11.149 ng/ml
Tramadol	4.288	359164	22866.7	3.2	453.0	1581167	10.960 ng/ml
Trazodone	5.138	80525	9913.3	79.1	∞	257504	10.770 ng/ml
Venlafaxine	5.083	235699	∞	34.8	10391.1	1436843	10.673 ng/ml
Zolpidem	4.906	344053	8414.5	29.8	42971.3	1506684	10.351 ng/ml

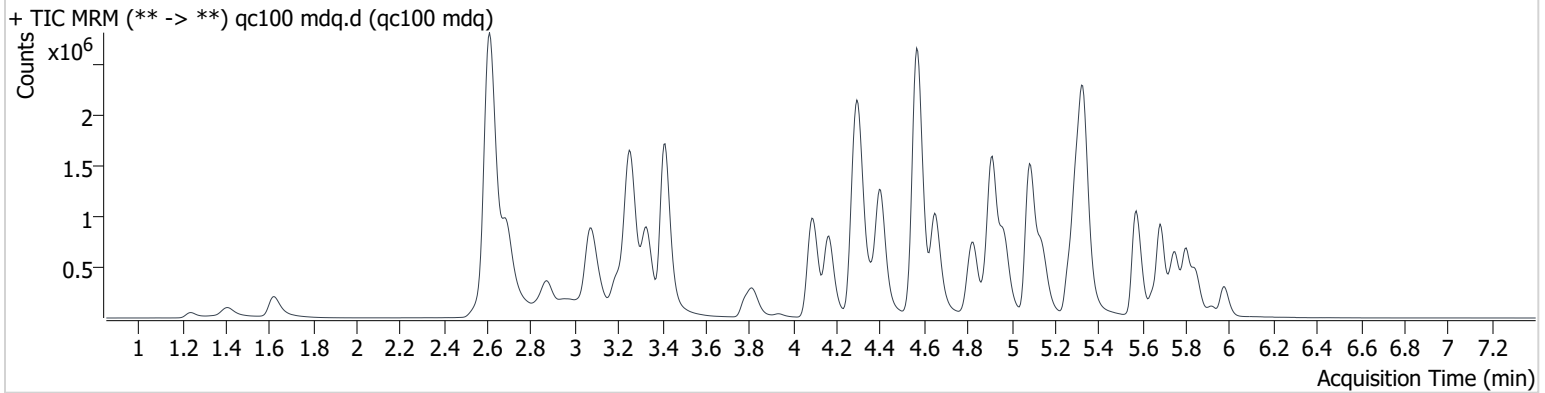
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 8:14:50 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	29286	2208.5	133.8	120411.7	71425	11.153 ng/ml
7-aminoclonazepam	4.318	193212	4693.3	77.4	534722.7	104309	114.017 ng/ml
a-hydroxyalprazolam	5.733	29925	849.5	54.6	793.7	200447	97.925 ng/ml
alpha-PHP	4.971	1335518	251233.1	41.1	∞	524230	121.653 ng/ml
alpha-PVP	4.403	1921483	118877.0	53.9	54699.0	738108	109.918 ng/ml
Alprazolam	5.801	635540	∞	88.6	∞	200447	109.306 ng/ml
Amphetamine	3.078	2037239	∞	39.6	∞	340491	118.578 ng/ml
Benzoylcegonine	3.936	41315	68349.6	53.7	1016.8	12867	117.043 ng/ml
Buprenorphine	5.747	10462	154684.3	17.9	4857.8	40270	11.139 ng/ml
Bupropion	4.826	1340736	∞	66.4	73537.4	524230	113.227 ng/ml
Carisoprodol	5.757	498335	702270.0	56.2	24203.2	181648	114.992 ng/ml
Citalopram	5.269	829718	26790.3	40.0	566139.3	342990	109.472 ng/ml
Clonazepam	5.650	73545	∞	33.1	∞	12340	113.826 ng/ml
Clonazepam	5.596	152013	166693.7	40.9	65403.3	12340	107.219 ng/ml
Cocaine	4.302	1338496	∞	51.1	∞	1035302	109.609 ng/ml
Codeine	2.608	154139	∞	92.8	∞	75502	110.977 ng/ml
Cyclobenzaprine	5.652	338092	838172.6	9.3	20374.0	106238	112.970 ng/ml
Dextromethorphan	5.307	504588	∞	75.1	∞	224947	114.832 ng/ml
Dextrophan	4.164	1278981	∞	44.6	∞	608939	116.034 ng/ml
Diazepam	5.979	355107	310237949579 0290.0	87.9	7796.5	158911	120.678 ng/ml
Dihydrocodeine	2.577	490356	1028.4	60.5	2005.0	296134	111.871 ng/ml
Diphenhydramine	5.334	2846724	258400.3	30.7	40833.2	1326574	110.188 ng/ml
Doxylamine	4.571	4461962	∞	82.8	∞	1593841	113.295 ng/ml
EDDP	5.301	1704141	71804.4	42.5	35797.7	806256	112.779 ng/ml
Etizolam	5.841	363428	∞	23.3	∞	200447	105.771 ng/ml
Fentanyl	5.133	45727	∞	121.7	1715224.6	215965	11.106 ng/ml
Flualprazolam	5.738	256834	∞	98.2	6864.4	200447	107.564 ng/ml
Fluoxetine	5.733	189431	167791.4	7.3	4992.0	64145	118.874 ng/ml
Hydrocodone	3.059	579649	∞	35.1	∞	291473	117.011 ng/ml
Hydromorphone	1.623	451810	∞	74.4	∞	131437	117.585 ng/ml
Ketamine	4.088	1334663	∞	38.9	16498.0	617414	116.185 ng/ml
Lamotrigine	4.329	102973	292111.5	88.5	∞	295844	108.428 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.692	656791	19544.9	223.2	50250.5	3020170	100.495 ng/ml
Lorazepam	5.780	45822	796.0	45.9	454.8	22611	117.167 ng/ml
MDA	3.235	1008463	36557.1	26.5	6970.3	295844	115.781 ng/ml
MDMA	3.333	1316738	∞	91.9	67603.3	131845	110.897 ng/ml
Meprobamate	4.967	143678	105245.8	28.4	4390.8	44127	116.089 ng/ml
Methadone	5.686	1210713	246818.0	53.3	594500.1	495268	113.168 ng/ml
Methamphetamine	3.257	2621929	38954.2	38.6	30697.8	1072985	131.001 ng/ml
Metoprolol	4.365	375939	∞	98.9	∞	295844	131.558 ng/ml
Mirtazapine	4.654	1955617	4768402.4	49.2	2457856.2	495268	107.680 ng/ml
Morphine	1.241	72214	∞	16.4	∞	7421	129.950 ng/ml
Norbuprenorphine	5.040	1620	46780.9	100.2	3954.5	8508	12.670 ng/ml
Nordiazepam	5.922	107613	∞	62.2	∞	34774	106.865 ng/ml
Norfentanyl	4.124	100167	21327.9	39.6	∞	1046437	10.976 ng/ml
Norhydrocodone	3.106	57230	∞	27.6	∞	96940	112.703 ng/ml
Noroxycodone	2.951	331439	∞	45.1	∞	103107	109.392 ng/ml
O-desmethyl-tramadol	3.417	3629149	330412.1	6.1	48406.9	1743888	109.071 ng/ml
Oxazepam	5.787	56619	12443.2	67.2	1655.8	22611	111.497 ng/ml
Oxycodone	2.873	1023350	∞	29.3	∞	380059	113.828 ng/ml
Oxymorphone	1.409	314364	∞	43.7	∞	100765	114.680 ng/ml
Phentermine	3.816	479608	3576.1	7.8	32504.8	583750	115.954 ng/ml
Promethazine	5.573	466822	1942423.6	37.8	∞	214326	109.832 ng/ml
Pseudoephedrine	2.615	6822153	54826.0	24.4	∞	3020170	109.982 ng/ml
Quetiapine	5.565	1278354	∞	61.6	∞	175444	109.454 ng/ml
Temazepam	5.849	352796	∞	29.1	2321.1	154990	111.865 ng/ml
Tramadol	4.288	3324157	337310.5	3.4	3655.4	1561533	112.609 ng/ml
Trazodone	5.143	859781	1849788.0	79.5	27221062.8	262107	113.119 ng/ml
Venlafaxine	5.083	2480253	∞	37.0	21197.6	1457259	113.376 ng/ml
Zolpidem	4.911	3332549	16234685.8	28.6	2516107.7	1417670	117.196 ng/ml

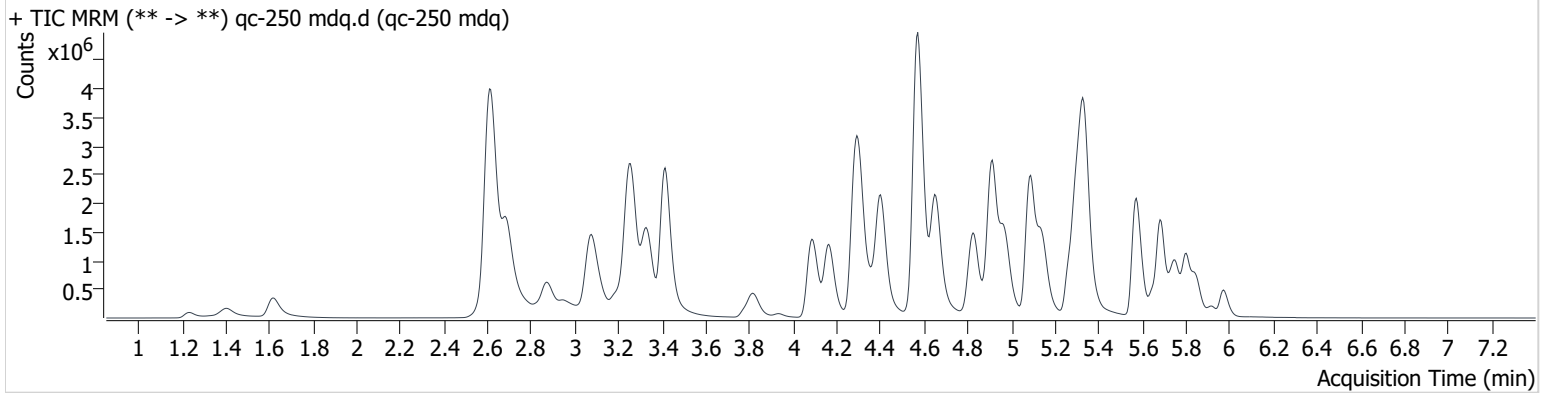
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-C2	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 1:48:36 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	54768	∞	136.2	∞	52818	28.290 ng/ml
7-aminoclonazepam	4.318	292233	98203.6	75.8	56846.8	64484	279.705 ng/ml
a-hydroxyalprazolam	5.733	52009	∞	56.2	717.1	143929	232.866 ng/ml
alpha-PHP	4.971	2819982	717038.2	40.3	184747.5	464807	292.422 ng/ml
alpha-PVP	4.403	3896767	136411.1	52.6	98830.4	608216	271.419 ng/ml
Alprazolam	5.801	1133402	7192.7	89.2	∞	143929	272.124 ng/ml
Amphetamine	3.083	3559450	1407651.2	40.9	∞	273109	262.414 ng/ml
Benzoylcegonine	3.936	88937	927180.9	53.5	4584.4	11557	281.544 ng/ml
Buprenorphine	5.752	17419	22588.5	18.1	23874.6	27767	28.753 ng/ml
Bupropion	4.826	2947300	∞	65.5	∞	464807	282.055 ng/ml
Carisoprodol	5.757	817769	∞	59.0	11490.7	125957	272.748 ng/ml
Citalopram	5.269	1688891	149816.7	39.7	23334.9	284051	270.169 ng/ml
Clonazepam	5.650	145872	314966.6	32.4	141099.8	10481	266.965 ng/ml
Clonazepam	5.596	279738	433389.8	38.9	142305.7	10481	233.295 ng/ml
Cocaine	4.302	2456162	352901.7	50.8	245328.9	768276	272.179 ng/ml
Codeine	2.613	259025	231972131945	91.9	∞	54724	259.685 ng/ml
			223.0				
Cyclobenzaprine	5.652	752945	1016741.8	8.9	5704.8	100710	266.786 ng/ml
Dextromethorphan	5.313	1001337	28636.9	74.7	154408.5	185907	277.350 ng/ml
Dextrorphan	4.164	2515290	292340.0	44.4	4780529.6	492093	283.392 ng/ml
Diazepam	5.974	626997	51822.4	85.4	5836.6	116832	290.882 ng/ml
Dihydrocodeine	2.577	863379	9435.8	60.3	2125.9	234140	251.254 ng/ml
Diphenhydramine	5.339	5856865	86655.9	30.1	641052.7	1111663	271.195 ng/ml
Doxylamine	4.571	9246151	557472.0	83.4	190925.6	1341315	280.065 ng/ml
EDDP	5.301	3437893	∞	42.8	4085701.5	676559	272.170 ng/ml
Etizolam	5.841	676974	∞	23.7	∞	143929	275.198 ng/ml
Fentanyl	5.139	99361	∞	124.4	∞	191452	27.103 ng/ml
Flualprazolam	5.738	437766	∞	97.2	18092.4	143929	256.328 ng/ml
Fluoxetine	5.739	358255	∞	7.2	20217.1	51627	280.659 ng/ml
Hydrocodone	3.059	1081425	∞	37.2	∞	231261	276.397 ng/ml
Hydromorphone	1.618	795157	∞	78.7	∞	99047	275.302 ng/ml
Ketamine	4.088	2614757	472551.3	37.9	∞	509584	277.438 ng/ml
Lamotrigine	4.329	172185	9536273.8	89.3	651276.6	221614	242.079 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.692	1269511	48664.2	222.3	104861.7	2178366	266.170 ng/ml
Lorazepam	5.780	87521	79232.3	45.5	23984.0	16997	298.448 ng/ml
MDA	3.230	1697574	61851.6	26.7	73732.4	221614	262.174 ng/ml
MDMA	3.333	2499737	∞	92.8	176626.7	101920	273.711 ng/ml
Meprobamate	4.961	224588	377428.3	30.4	29746.6	30257	266.356 ng/ml
Methadone	5.686	2646933	62085.7	53.1	978833.1	453258	271.547 ng/ml
Methamphetamine	3.262	4554843	∞	38.5	∞	895606	284.922 ng/ml
Metoprolol	4.365	658701	1736086.9	97.2	∞	221614	309.403 ng/ml
Mirtazapine	4.654	4273814	388666.4	48.5	650746.7	453258	259.605 ng/ml
Morphine	1.236	130020	∞	17.7	∞	5965	292.302 ng/ml
Norbuprenorphine	5.045	3211	∞	104.2	4618.9	7133	29.389 ng/ml
Nordiazepam	5.922	214972	∞	62.5	∞	27061	276.125 ng/ml
Norfentanyl	4.124	195064	39895.1	39.0	∞	800745	27.929 ng/ml
Norhydrocodone	3.106	112996	∞	27.5	∞	72236	298.340 ng/ml
Noroxycodone	2.951	610264	∞	44.4	∞	79561	261.789 ng/ml
O-desmethyl-tramadol	3.414	7024582	1113816.1	5.8	824694.8	1345122	274.638 ng/ml
Oxazepam	5.781	108769	7385.1	71.4	∞	16997	287.365 ng/ml
Oxycodone	2.868	1912817	∞	29.5	∞	299673	270.770 ng/ml
Oxymorphone	1.404	598756	∞	44.2	∞	79922	276.853 ng/ml
Phentermine	3.822	865044	4803.6	8.0	∞	473532	260.152 ng/ml
Promethazine	5.578	1085503	2164358.4	38.8	12192.9	203517	269.906 ng/ml
Pseudoephedrine	2.615	12170744	∞	24.1	∞	2178366	272.756 ng/ml
Quetiapine	5.565	2700801	15145105.4	62.4	2644609.1	150927	270.161 ng/ml
Temazepam	5.849	640287	155238.2	28.1	3077.0	113043	279.469 ng/ml
Tramadol	4.282	6348190	410200.4	3.3	3815.2	1263032	267.485 ng/ml
Trazodone	5.144	1912112	∞	79.9	∞	220345	299.275 ng/ml
Venlafaxine	5.089	5237159	253469.4	36.4	38823.0	1212007	288.273 ng/ml
Zolpidem	4.911	6640810	819515.3	28.5	3451173.2	1187914	280.283 ng/ml

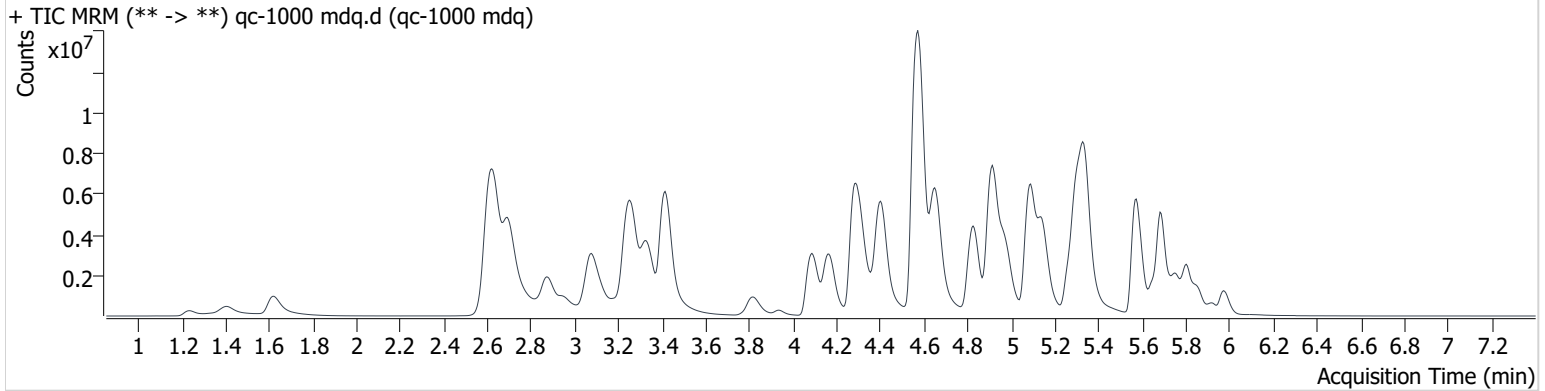
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-D2	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 1:57:38 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	173377	∞	132.5	∞	40675	116.469 ng/ml
7-aminoclonazepam	4.323	334972	221908.9	71.8	45375.3	17512	1182.248 ng/ml
a-hydroxyalprazolam	5.727	142938	733.6	56.1	1008.1	88069	1035.727 ng/ml
alpha-PHP	4.971	7972686	130441.6	39.6	409614.5	396571	973.529 ng/ml
alpha-PVP	4.403	12853890	418540.8	51.6	318344.8	473218	1152.705 ng/ml
Alprazolam	5.801	2750002	6994.5	86.2	7537.4	88069	1080.344 ng/ml
Amphetamine	3.083	7570376	138194718748 4140.0	41.4	476789755 8913520.0	215812	712.202 ng/ml OCR
Benzoylcegonine	3.936	369593	∞	52.8	16160.5	11898	1138.646 ng/ml
Buprenorphine	5.747	31373	26759.8	17.0	9646.6	14437	102.834 ng/ml
Bupropion	4.826	9580257	∞	64.6	885046.2	396571	1077.105 ng/ml
Carisoprodol	5.762	1688648	10937840.2	57.6	36821.9	61996	1145.714 ng/ml
Citalopram	5.264	3813387	∞	42.0	223427.4	166216	1044.640 ng/ml
Clonazepam	5.650	472833	∞	32.9	929842.9	7854	1157.669 ng/ml
Clonazolam	5.596	798331	13538.3	40.9	1121505.7	7854	890.875 ng/ml
Cocaine	4.307	6121722	421677.3	49.7	325880.0	464063	1125.495 ng/ml
Codeine	2.618	557500	∞	95.0	∞	35307	870.530 ng/ml OCR
Cyclobenzaprine	5.652	2525300	127173.8	9.0	816197.4	83839	1077.939 ng/ml
Dextromethorphan	5.313	2143988	90894.4	73.6	57439.0	96131	1152.045 ng/ml
Dextrorphan	4.164	7315539	475508.3	43.3	617155.4	347830	1168.275 ng/ml
Diazepam	5.974	1935718	55371.4	84.9	∞	91785	1145.324 ng/ml
Dihydrocodeine	2.577	2164068	12413.8	61.1	4831.6	208447	710.545 ng/ml OCR
Diphenhydramine	5.339	14697638	∞	28.8	181628.3	643004	1178.118 ng/ml
Doxylamine	4.571	31193329	686105.9	88.0	400893.4	1256532	1010.538 ng/ml
EDDP	5.301	13143735	624994.3	42.0	∞	603344	1169.259 ng/ml
Etizolam	5.841	1696715	151932.1	24.2	62247.4	88069	1128.788 ng/ml
Fentanyl	5.133	324687	∞	132.6	2207197.4	142784	118.476 ng/ml
Flualprazolam	5.738	1066278	5833.2	91.8	8691.3	88069	1022.511 ng/ml
Fluoxetine	5.733	658559	∞	7.5	173446.2	25710	1038.657 ng/ml NE
Hydrocodone	3.054	3575711	∞	39.4	∞	198574	1066.987 ng/ml
Hydromorphone	1.623	2830618	∞	74.3	∞	83717	1161.145 ng/ml
Ketamine	4.087	7939682	∞	37.4	96048.6	416557	1033.843 ng/ml
Lamotrigine	4.335	234829	∞	87.0	∞	127393	574.382 ng/ml OCR

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.697	3807448	91017.9	225.7	409144.9	1298157	1332.011 ng/ml OCR
Lorazepam	5.774	307090	∞	49.3	5330.6	16213	1099.145 ng/ml
MDA	3.220	3006383	111187.6	27.0	16945.7	127393	811.041 ng/ml OCR
MDMA	3.328	6507411	810633.7	91.7	326039.3	67678	1075.794 ng/ml
Meprobamate	4.961	416969	∞	30.6	5854.4	15492	969.334 ng/ml
Methadone	5.686	9036673	216004.7	49.2	921744.3	356047	1183.075 ng/ml
Methamphetamine	3.257	11652355	∞	37.3	∞	833351	803.202 ng/ml
Metoprolol	4.365	1341080	7905795.7	98.8	∞	127393	1099.025 ng/ml
Mirtazapine	4.654	13084530	573155.2	47.6	515992.9	356047	1016.950 ng/ml
Morphine	1.236	415587	∞	14.9	∞	4836	1155.303 ng/ml
Norbuprenorphine	5.040	9431	∞	101.3	∞	5461	111.546 ng/ml
Nordiazepam	5.922	697347	∞	61.6	∞	22948	1059.530 ng/ml
Norfentanyl	4.124	539191	72225.2	38.4	905940.3	462110	133.765 ng/ml
Norhydrocodone	3.111	306955	∞	33.1 High	∞	47097	1242.486 ng/ml OCR
Noroxycodone	2.951	1792031	∞	44.6	∞	57528	1064.842 ng/ml
O-desmethyl-tramadol	3.414	21798322	323916.6	5.7	133320.3	1021837	1123.779 ng/ml
Oxazepam	5.781	385036	∞	74.8	10879.3	16213	1070.723 ng/ml
Oxycodone	2.868	7003833	∞	29.1	∞	280396	1061.577 ng/ml
Oxymorphone	1.404	1976113	∞	44.0	∞	70859	1033.421 ng/ml
Phentermine	3.822	2474160	26763.9	6.8	18079.9	415083	853.165 ng/ml OCR
Promethazine	5.578	3774601	72067708.0	37.2	104196.8	172332	1110.412 ng/ml
Pseudoephedrine	2.624	30692631	∞	23.4	∞	1298157	1155.822 ng/ml
Quetiapine	5.565	8168208	∞	61.1	58185017.6	133680	924.719 ng/ml
Temazepam	5.854	1581968	28208.4	29.4	3164.5	67569	1157.530 ng/ml
Tramadol	4.277	17812915	1234141.2	3.2	45217.5	953843	997.061 ng/ml
Trazodone	5.143	6537173	∞	79.5	∞	130727	1724.664 ng/ml OCR
Venlafaxine	5.088	17757031	1245373.8	35.9	120476.5	936068	1266.495 ng/ml OCR
Zolpidem	4.911	20905170	1002525.3	28.3	639920.6	1048058	1003.007 ng/ml

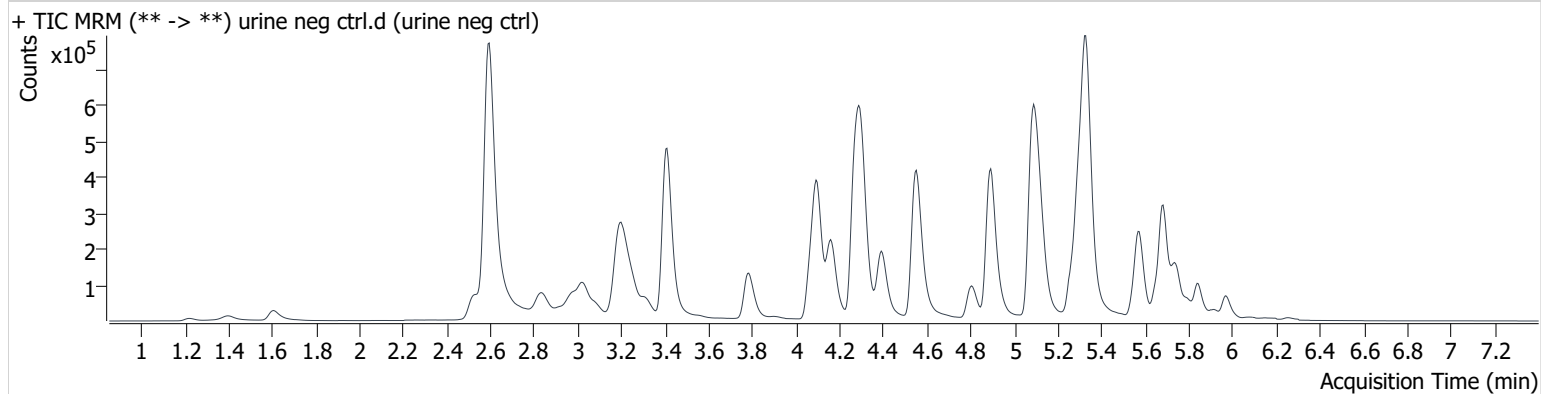
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	urine neg ctrl.d
Type	Sample	Sample	urine neg ctrl
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-D3	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 3:54:32 PM		
Sample Info.			

Sample Chromatogram



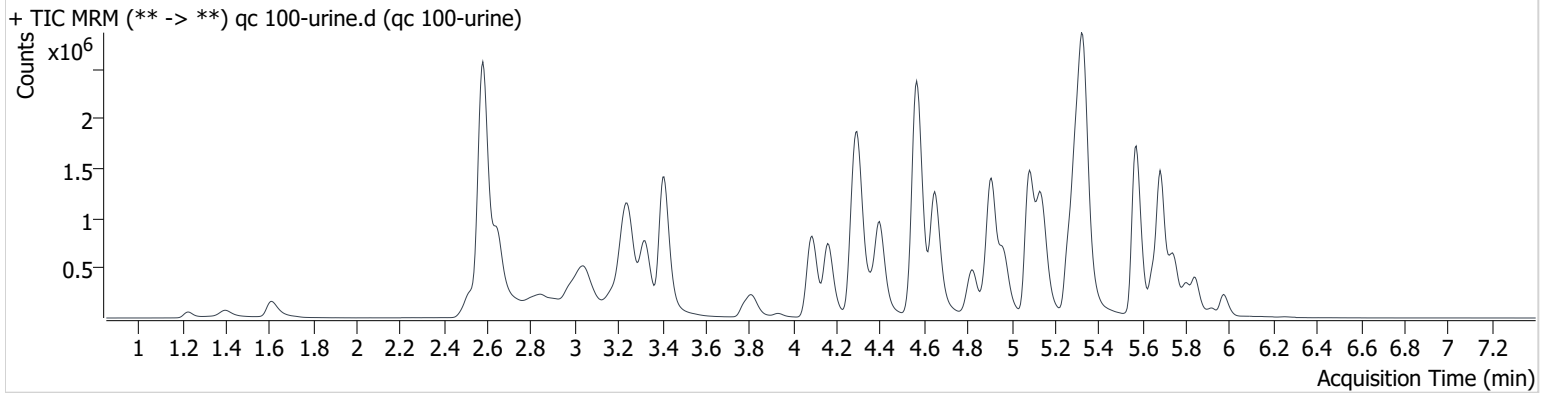
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	qc 100-urine.d
Type	Sample	Sample	qc 100-urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-E2	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 4:12:30 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.170	24381	∞	136.7	∞	59010	11.238 ng/ml
7-aminoclonazepam	4.313	164992	4527.1	74.4	12866.0	86389	117.578 ng/ml
a-hydroxyalprazolam	5.733	24183	2778.5	51.5	240.9	90967	172.089 ng/ml
alpha-PHP	4.966	1089409	∞	40.7	25115.2	330407	158.025 ng/ml
alpha-PVP	4.403	1405410	32692.2	52.9	37766.2	558964	106.142 ng/ml
Alprazolam	5.806	313183	∞	90.0	3383.5	90967	118.728 ng/ml
Amphetamine	3.042	1784419	∞	42.6	∞	286195	123.714 ng/ml
Benzoylcegonine	3.931	55366	212476.7	53.1	1925.2	12464	162.200 ng/ml
Buprenorphine	5.752	11620	110339.1	16.3	3230.5	43577	11.468 ng/ml
Bupropion	4.826	838718	143419.5	66.2	55111.8	330407	112.375 ng/ml
Carisoprodol	5.757	274601	∞	58.6	8442.4	107538	107.002 ng/ml
Citalopram	5.264	1118896	29839.9	40.1	14240.1	444486	113.947 ng/ml
Clonazepam	5.650	36773	3703.2	32.7	15488.4	6029	116.502 ng/ml
Clonazepam	5.591	64232	22411.2	38.7	36232.8	6029	92.609 ng/ml
Cocaine	4.302	1127245	183618.3	50.6	1503124.6	875116	109.204 ng/ml
Codeine	2.537	144316	∞	89.4	∞	65015	120.821 ng/ml
Cyclobenzaprine	5.652	816192	4083896.0	8.9	∞	268364	107.918 ng/ml
Dextromethorphan	5.307	835195	68482.8	75.3	26081.3	382529	111.741 ng/ml
Dextrophan	4.164	1190495	64970.0	44.7	39229.0	580187	113.342 ng/ml
Diazepam	5.979	257701	∞	86.0	7326.2	117774	118.150 ng/ml
Dihydrocodeine	2.516	436838	10968.2	60.3	5154.9	241437	122.400 ng/ml
Diphenhydramine	5.334	3689134	231784.2	30.5	20492.2	1748337	108.340 ng/ml
Doxylamine	4.566	4075322	454769.5	82.3	91071.5	1453409	113.477 ng/ml
EDDP	5.301	1805673	243842.7	42.4	1860539.2	863910	111.515 ng/ml
Etizolam	5.841	224584	∞	24.5	∞	90967	144.209 ng/ml
Fentanyl	5.133	117894	1306272.0	124.9	216935.5	561049	11.022 ng/ml
Flualprazolam	5.738	181198	∞	96.6	∞	90967	167.620 ng/ml
Fluoxetine	5.739	383233	∞	7.3	9913.6	141840	108.674 ng/ml
Hydrocodone	3.039	507287	∞	37.1	∞	260597	114.518 ng/ml
Hydromorphone	1.613	350523	∞	74.2	∞	105456	113.682 ng/ml
Ketamine	4.083	1112469	86053.2	38.1	19078.0	514456	116.224 ng/ml
Lamotrigine	4.324	89679	8834.0	87.5	164700.2	274480	101.778 ng/ml
Levetiracetam	2.645	549119	96740.5	224.0	∞	2625140	96.734 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.774	28189	1272.2	55.4	∞	15182	107.308 ng/ml
MDA	3.225	905215	∞	31.3	21953.0	274480	111.964 ng/ml
MDMA	3.323	1225230	∞	92.4	23703.5	122561	111.008 ng/ml
Meprobamate	4.961	112765	4613858.2	30.3	1794.9	33683	119.401 ng/ml
Methadone	5.681	1964388	23191.1	51.0	12383.8	799614	113.733 ng/ml
Methamphetamine	3.247	1996497	16978.7	38.9	23406.9	844017	126.451 ng/ml
Metoprolol	4.365	338054	∞	96.7	∞	274480	127.470 ng/ml
Mirtazapine	4.649	2576449	95161.4	47.7	1374145.8	799614	87.541 ng/ml
Morphine	1.231	70115	∞	16.8	∞	8438	110.823 ng/ml
Norbuprenorphine	5.040	2162	5108.9	111.4	∞	13186	10.970 ng/ml
Nordiazepam	5.922	77709	∞	62.1	1002843.1	22845	117.579 ng/ml
Norfentanyl	4.119	78298	∞	40.1	∞	869557	10.325 ng/ml
Norhydrocodone	3.095	43615	∞	26.0	∞	77477	107.477 ng/ml
Noroxycodone	2.926	313619	∞	45.2	∞	99478	107.276 ng/ml
O-desmethyl-tramadol	3.409	3068856	∞	6.1	63596.1	1491511	107.831 ng/ml
Oxazepam	5.781	36140	1223.8	71.1	459.9	15182	105.914 ng/ml
Oxycodone	2.843	928484	∞	29.8	∞	359084	109.281 ng/ml
Oxymorphone	1.399	227790	∞	43.8	∞	72137	116.089 ng/ml
Phentermine	3.816	374815	4132.0	7.9	10744.2	448385	118.009 ng/ml
Promethazine	5.573	1330053	1145546.4	37.4	18360.6	615651	108.934 ng/ml
Pseudoephedrine	2.580	5756222	∞	24.3	∞	2625140	106.748 ng/ml
Quetiapine	5.565	1577947	∞	63.2	1551431.0	222323	106.593 ng/ml
Temazepam	5.849	342247	∞	28.4	∞	151301	111.161 ng/ml
Tramadol	4.282	2955240	160447.4	3.5	2965.4	1381537	113.161 ng/ml
Trazodone	5.138	1577169	658712.6	82.7	∞	523423	103.907 ng/ml
Venlafaxine	5.083	2253929	∞	37.3	∞	1307722	114.815 ng/ml
Zolpidem	4.911	2913672	∞	29.2	233444.7	1282782	113.201 ng/ml

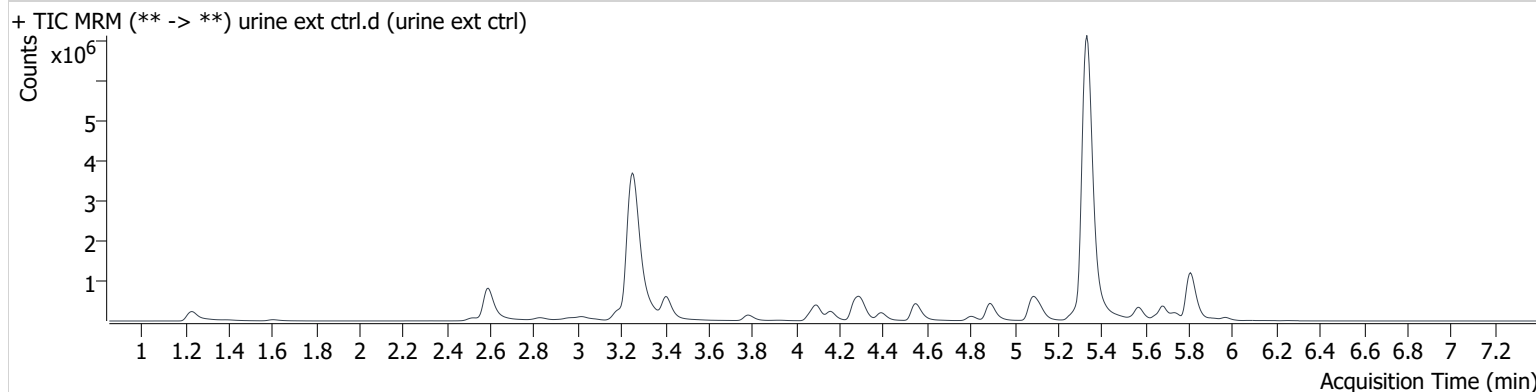
AM #28 Multi-Drug Quant. Results

BWylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	urine ext ctrl.d
Type	Sample	Sample	urine ext ctrl
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-E3	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 4:30:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.806	1971623	∞	89.7	∞	94327	723.027 ng/ml
Diphenhydramine	5.334	18315614	2326272.4	29.1	3684725.7	1368895	689.424 ng/ml
Methamphetamine	3.252	8172286	61677.8	41.5	220187.8	801781	582.424 ng/ml
Morphine	1.231	369978	228019.7	16.9	252249.3	6648	747.838 ng/ml

BWylee

Toxicology AM method 25/28 urine external control prep

working solution 10000 ng/ml in meoh diphendyramine, methamphetamine, alprazolam, methocarbamol, methylphenidate, morphine

Stock solution 1mg/ml 50 ul each in 4750 ul MeOH (Honeywell EA078-US)

ppd 6/25/21: Exp: 6/25/2022 lot 62522 by AMN

Drug	lot	expiration
Methamphetamine	FE03132001	7/1/2025
methocarbamol	FN01212005	1/1/2023
alprazolam	FE06102008	6/1/2025
Diphendyramine	FN02212011	3/1/2025
Morphine	FE03232010	4/1/2025

AM 25/28 control 500 ul working solution (62522) in 4500 ul negative urine (1000ng/mL Expected concentration)

ppd 6/25/21, exp 6/25/22 lot u62522 negative urine 5621 by AMN

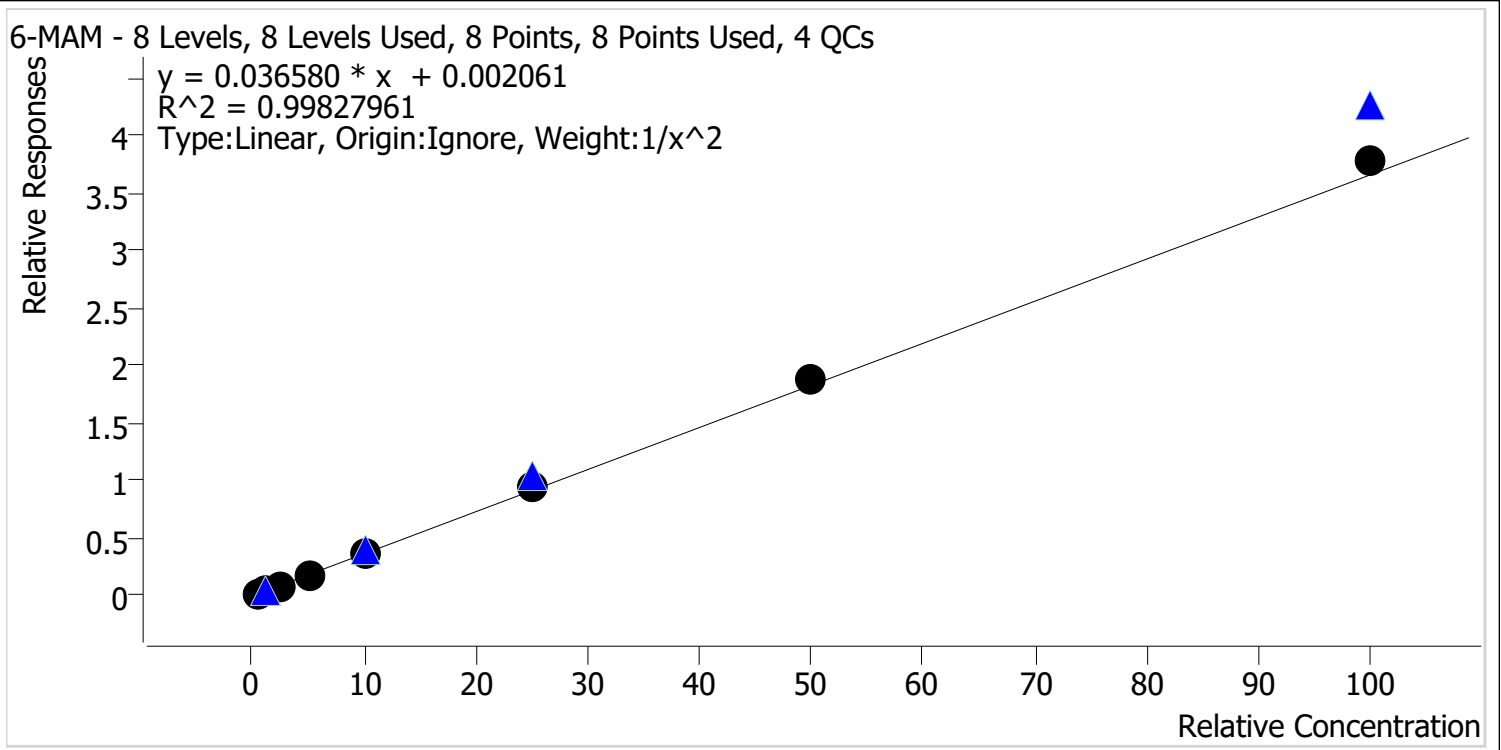
AM 25/28 Blood Control: 50ul working solution (41422) in 4950 ul neg blood (100ng/mL Expected concentration)

ppp 6/25/21, exp 6/25/22 lot b62522 neg blood 21D52496 by AMN

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	102.0
cal 2 mdq	2	✓	1.0	1.0	99.3
cal 3 mdq	3	✓	2.5	2.3	92.7
cal 4 mdq	4	✓	5.0	4.9	97.1
cal 5 mdq	5	✓	10.0	10.1	100.5
cal 6 mdq	6	✓	25.0	25.6	102.5
cal 7 mdq	7	✓	50.0	51.3	102.6
cal 8 mdq	8	✓	100.0	103.3	103.3

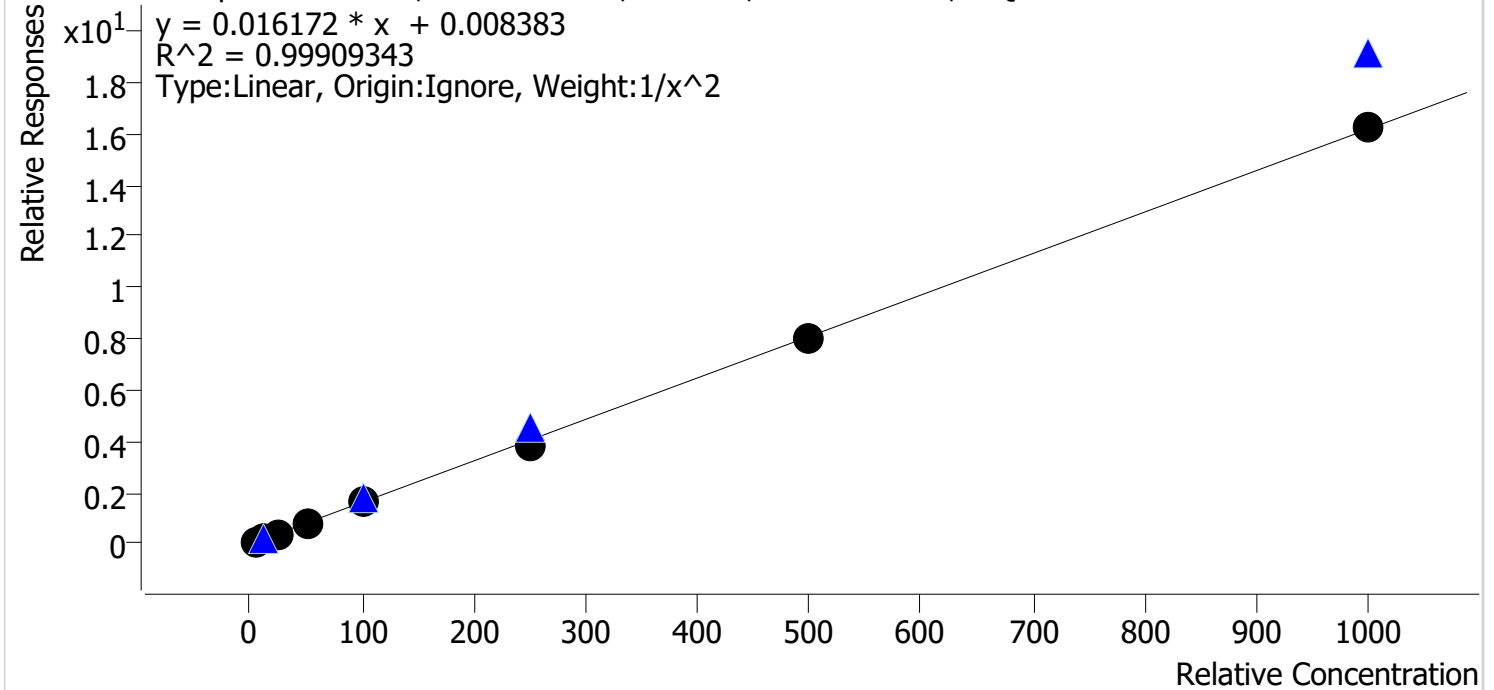
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam

Internal Standard 7-Aminoclonazepam-D4

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



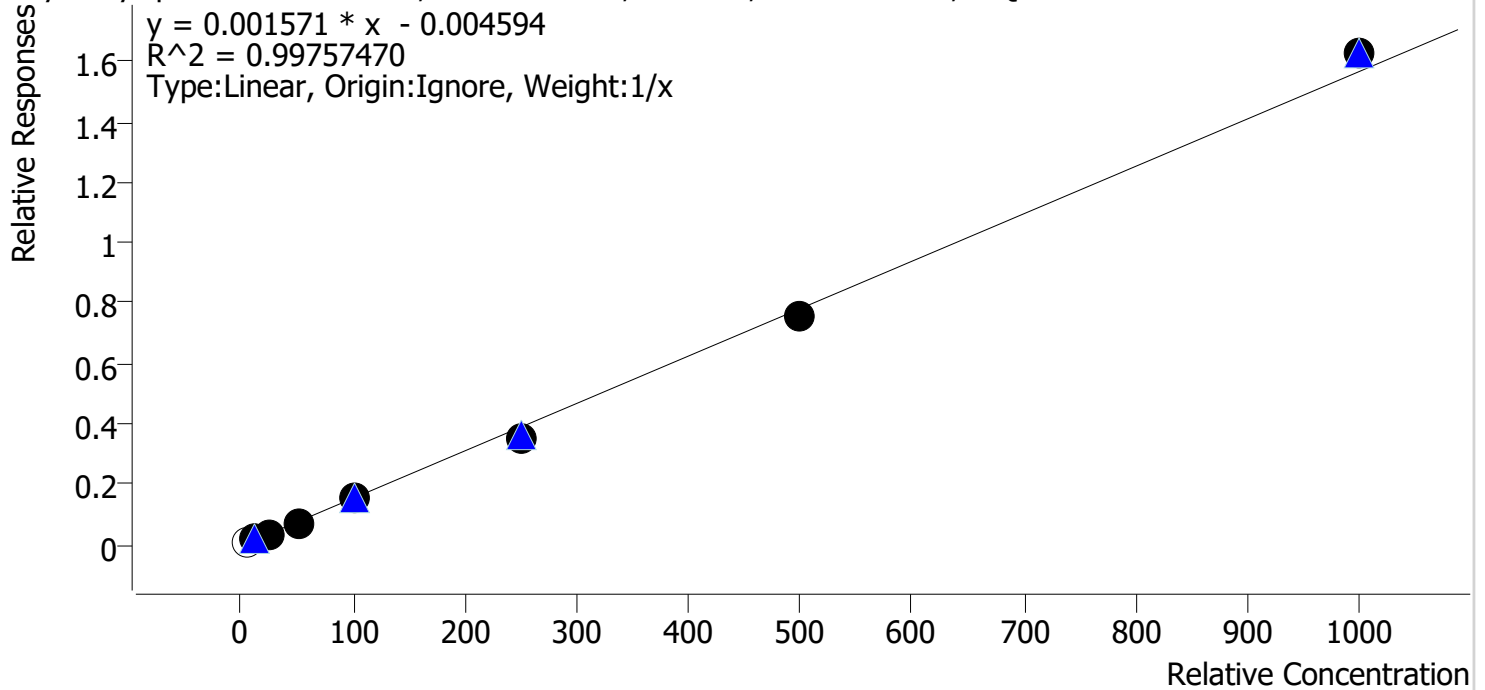
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	10.3	103.1
cal 3 mdq	3	✓	25.0	25.5	101.9
cal 4 mdq	4	✓	50.0	51.6	103.2
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	239.5	95.8
cal 7 mdq	7	✓	500.0	493.1	98.6
cal 8 mdq	8	✓	1000.0	1001.1	100.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	8.3	166.0
cal 2 mdq	2	✓	10.0	11.3	112.8
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	227.9	91.2
cal 7 mdq	7	✓	500.0	485.2	97.0
cal 8 mdq	8	✓	1000.0	1037.9	103.8

cal 1 dropped due to ratio and accuracy

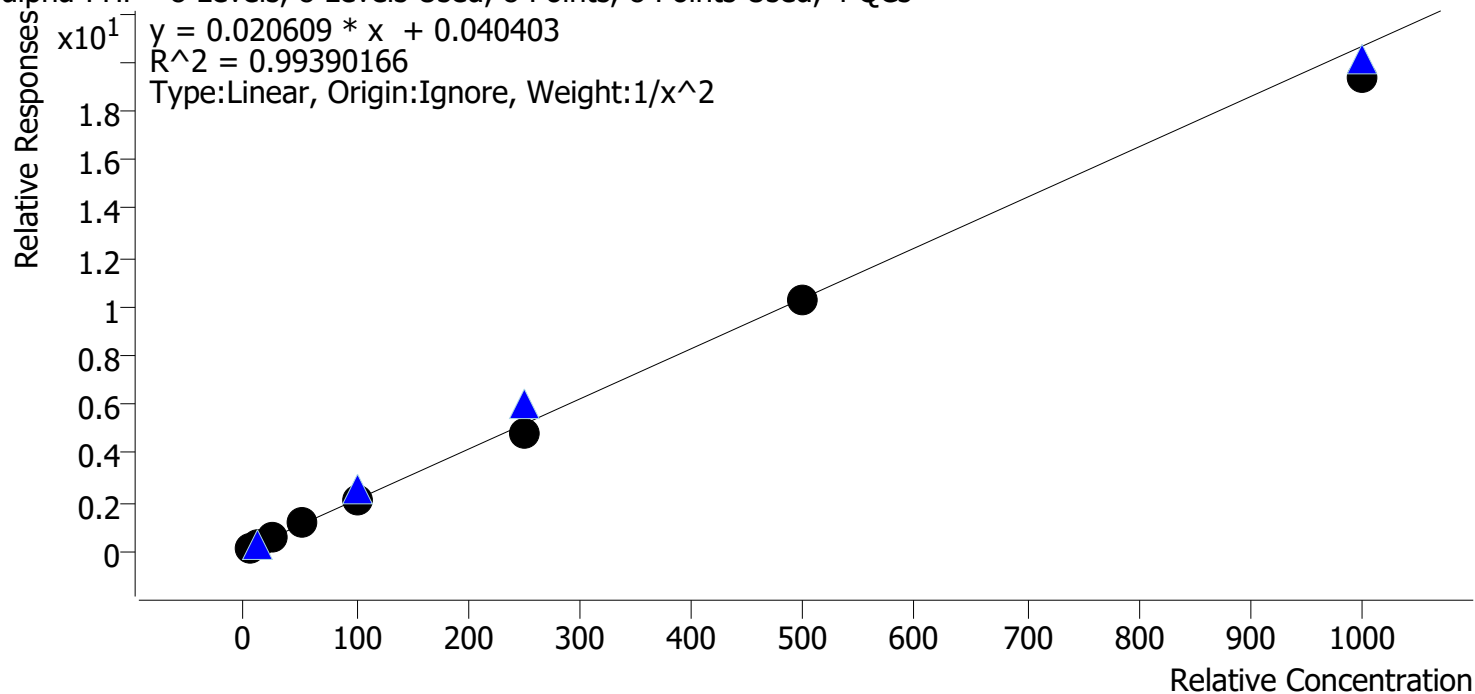
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte alpha-PHP

Internal Standard Bupropion-D9

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



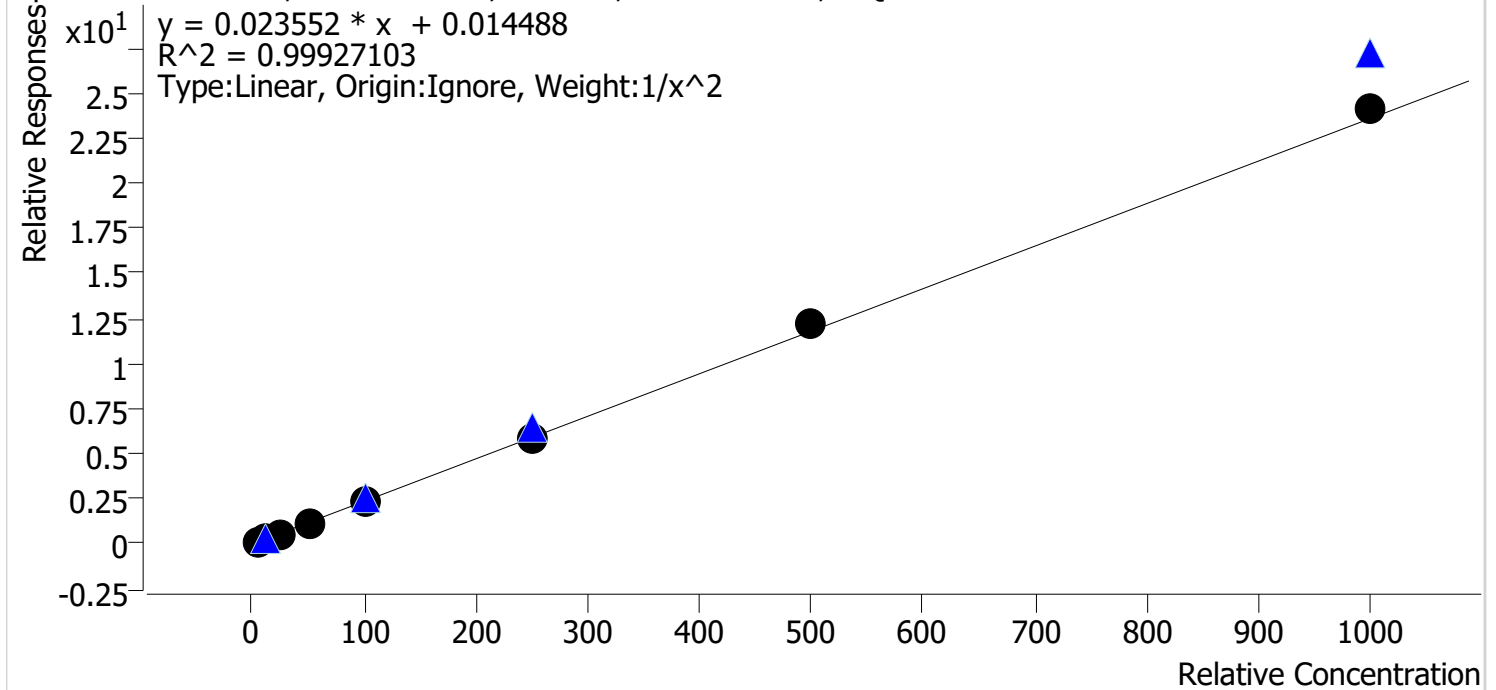
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.7
cal 2 mdq	2	✓	10.0	10.5	104.8
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	56.4	112.8
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	228.3	91.3
cal 7 mdq	7	✓	500.0	496.9	99.4
cal 8 mdq	8	✓	1000.0	936.6	93.7

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



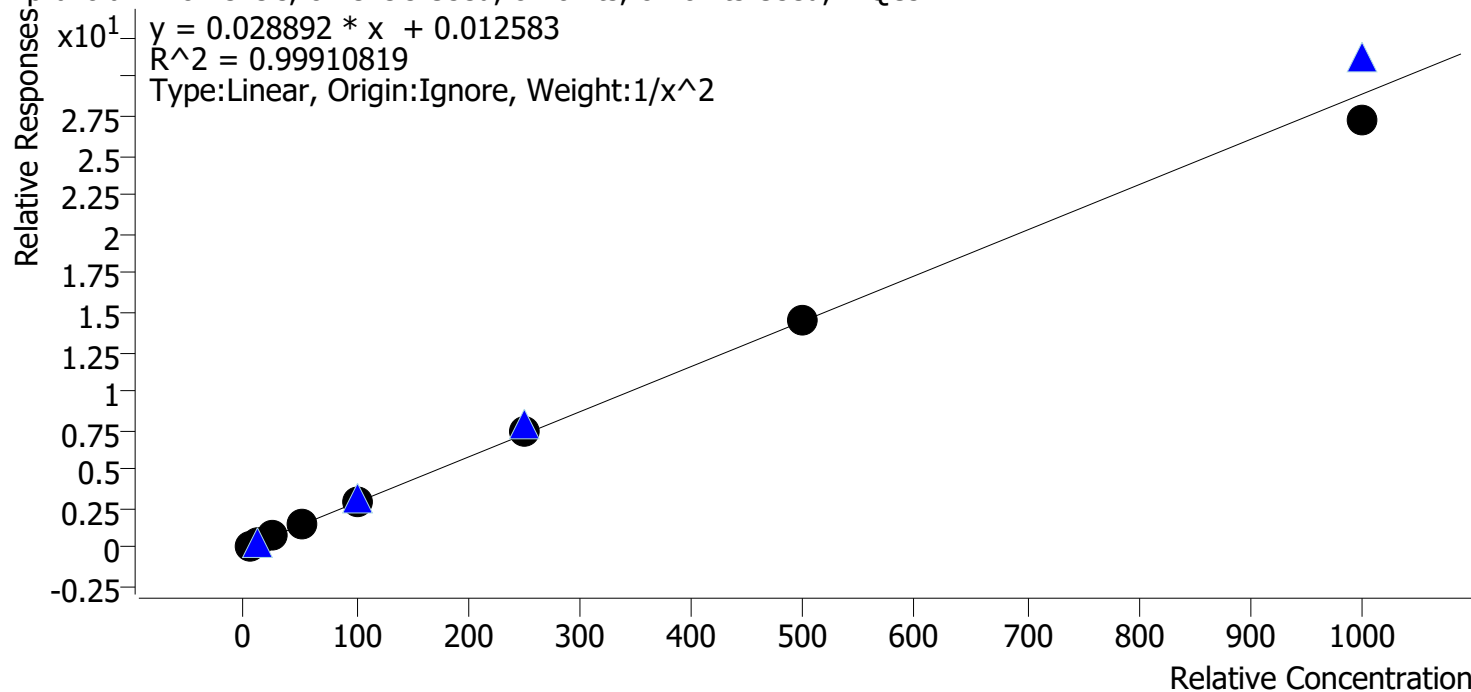
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	49.0	98.1
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	247.9	99.1
cal 7 mdq	7	✓	500.0	520.6	104.1
cal 8 mdq	8	✓	1000.0	1025.3	102.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



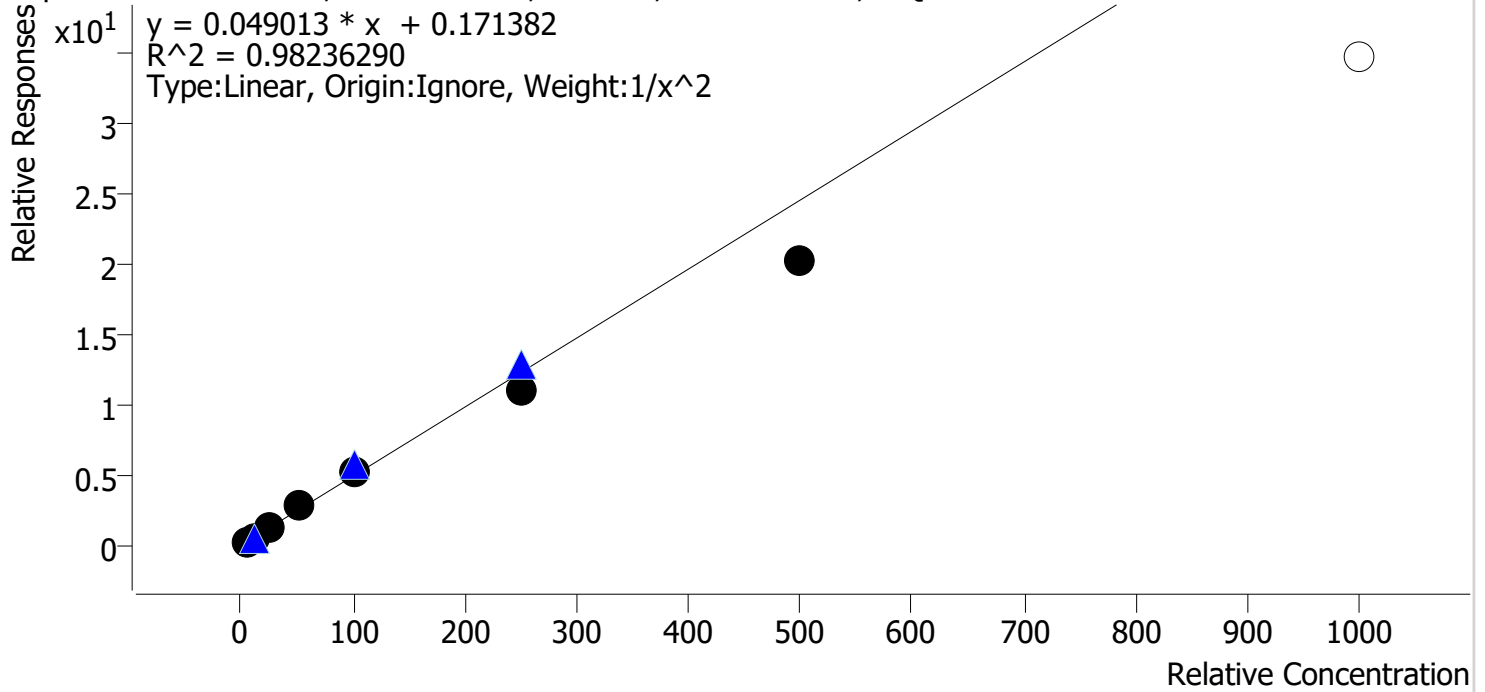
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	24.7	99.0
cal 4 mdq	4	✓	50.0	50.3	100.7
cal 5 mdq	5	✓	100.0	102.3	102.3
cal 6 mdq	6	✓	250.0	256.8	102.7
cal 7 mdq	7	✓	500.0	502.8	100.6
cal 8 mdq	8	✓	1000.0	943.6	94.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	27.1	108.5
cal 4 mdq	4	✓	50.0	58.0	116.1
cal 5 mdq	5	✓	100.0	105.2	105.2
cal 6 mdq	6	✓	250.0	226.1	90.4
cal 7 mdq	7	✓	500.0	412.5	82.5
cal 8 mdq	8	✗	1000.0	707.9	70.8

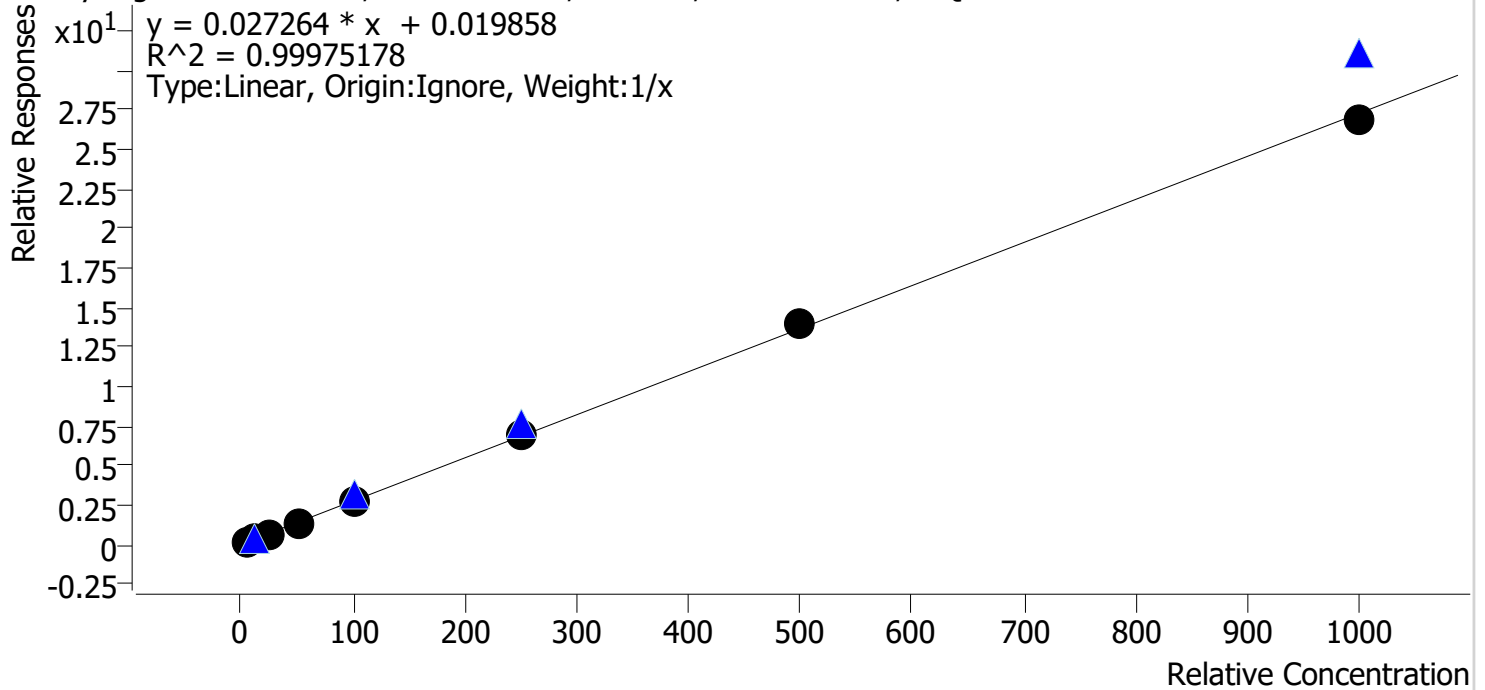
cal 8 dropped due to accuracy

Compound Calibration Report

Boylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



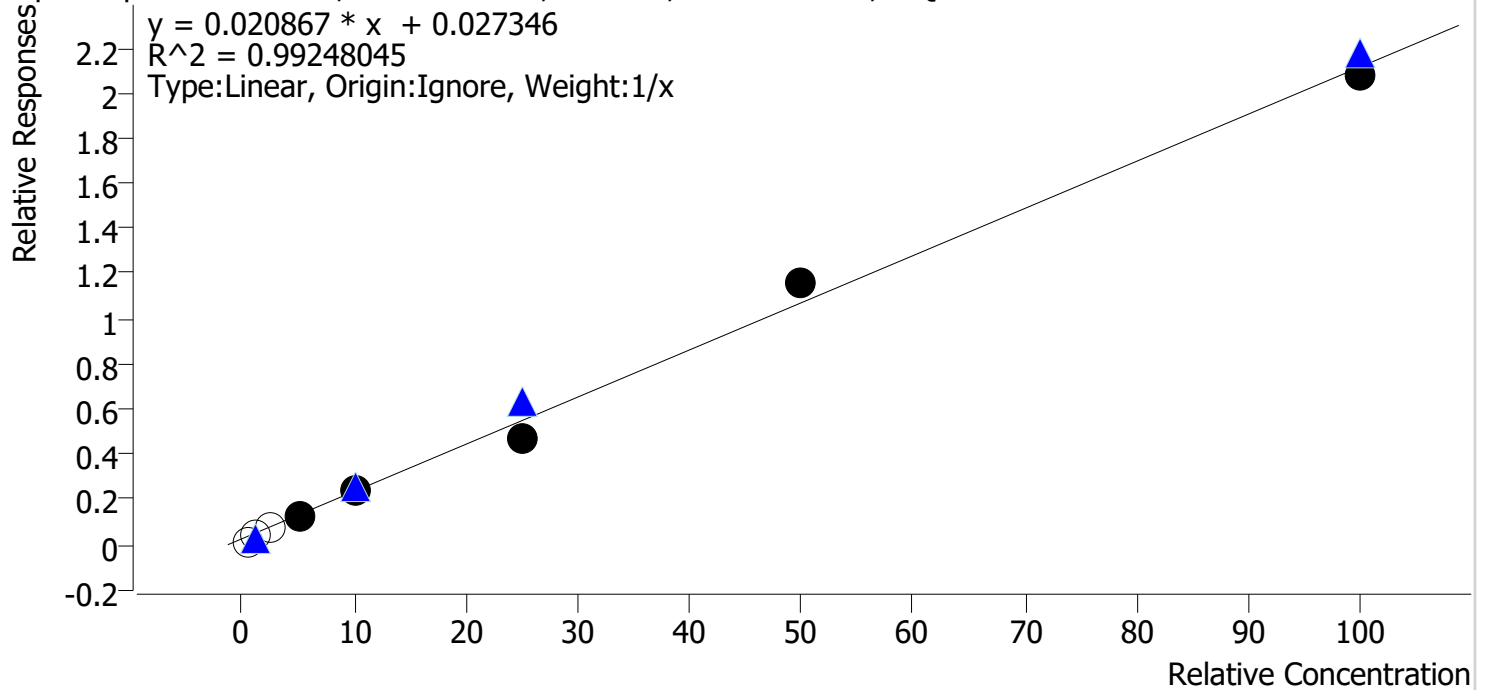
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	9.5	95.3
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	252.9	101.2
cal 7 mdq	7	✓	500.0	510.4	102.1
cal 8 mdq	8	✓	1000.0	987.6	98.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.0	0.0
cal 2 mdq	2	x	1.0	0.6	60.5
cal 3 mdq	3	x	2.5	2.4	97.6
cal 4 mdq	4	✓	5.0	5.1	101.3
cal 5 mdq	5	✓	10.0	10.5	105.3
cal 6 mdq	6	✓	25.0	21.5	86.1
cal 7 mdq	7	✓	50.0	54.4	108.8
cal 8 mdq	8	✓	100.0	98.5	98.5

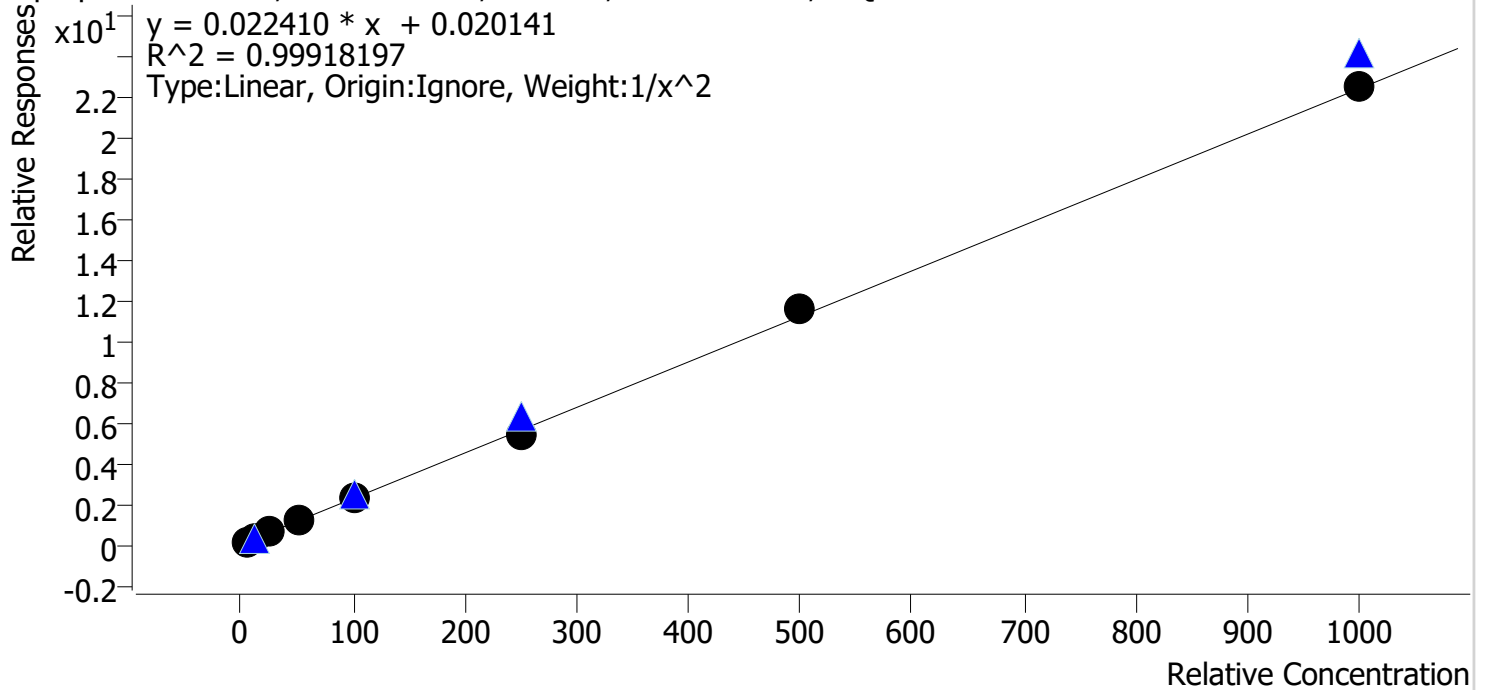
cal 1, 2 and 3 dropped due to peak shape, response and accuracy

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



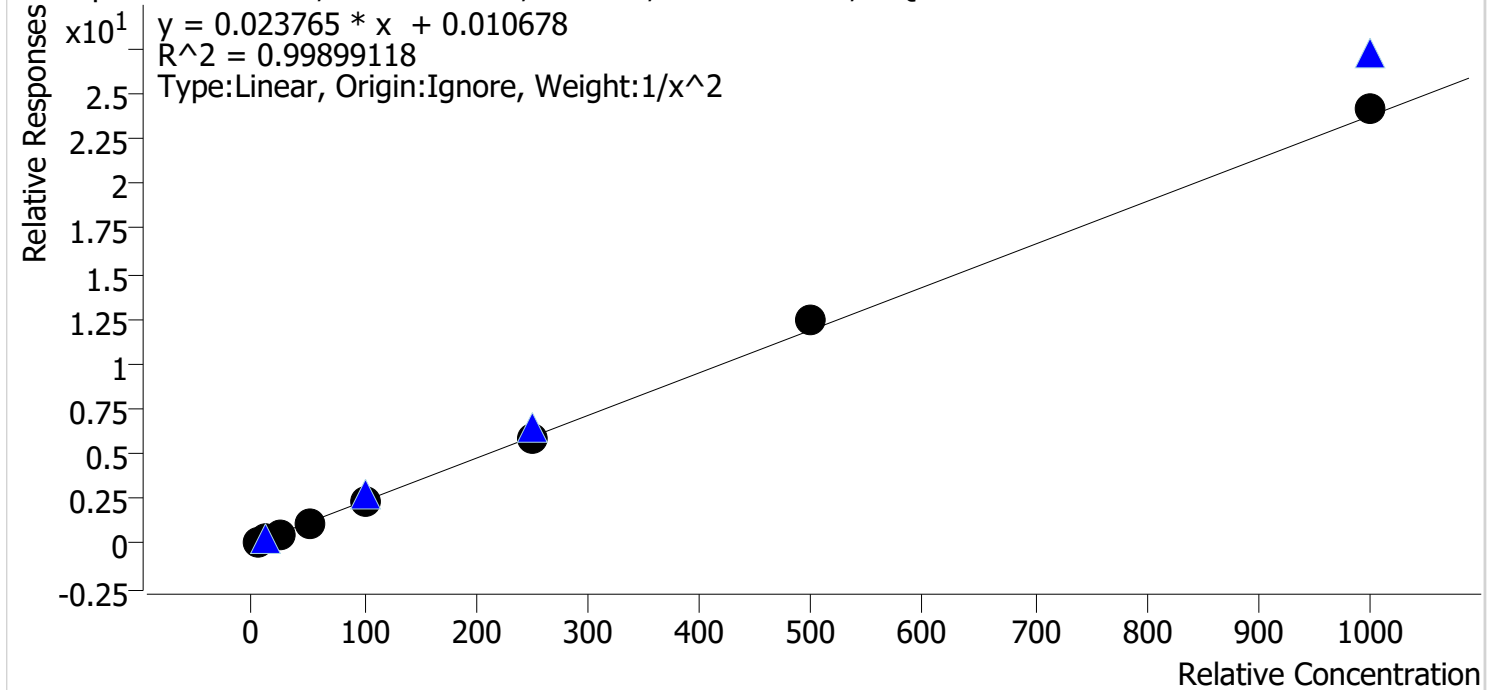
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	24.4	97.8
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	238.5	95.4
cal 7 mdq	7	✓	500.0	518.8	103.8
cal 8 mdq	8	✓	1000.0	1006.6	100.7

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



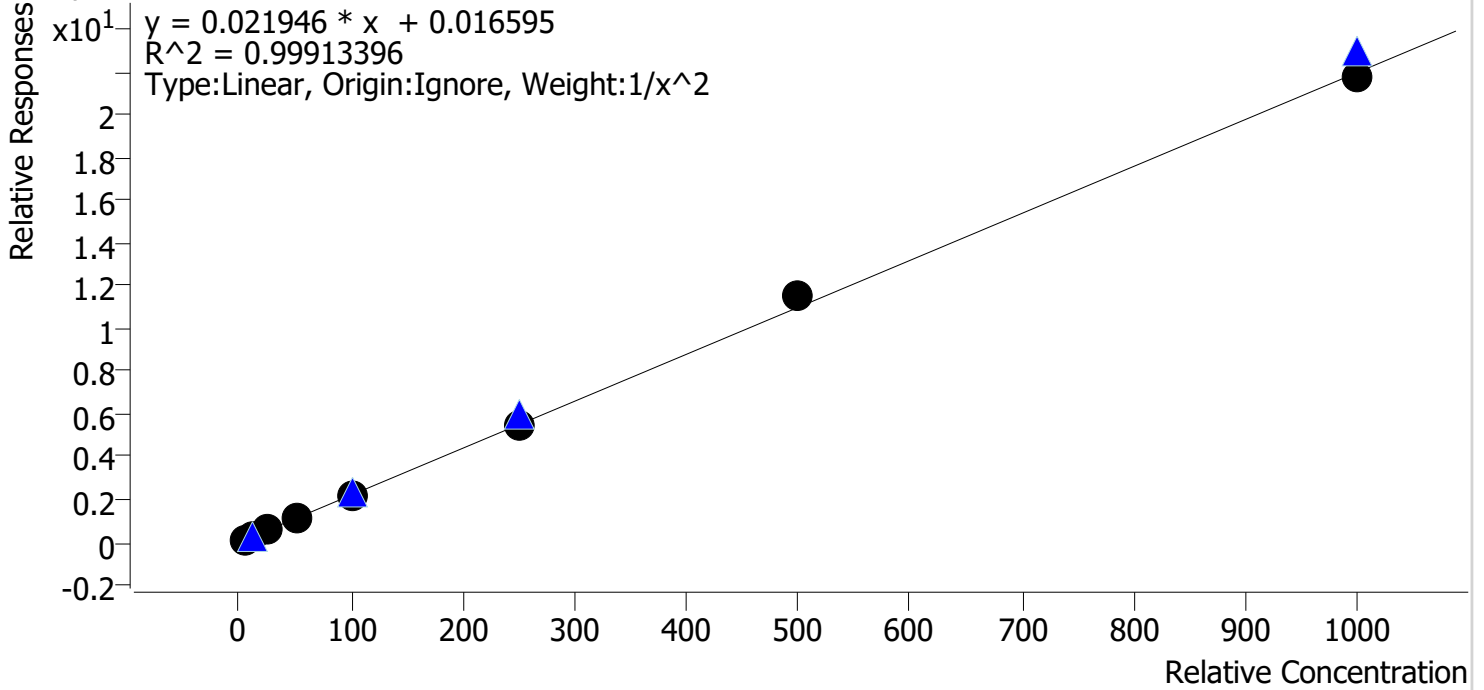
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.5
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	250.2	100.1
cal 7 mdq	7	✓	500.0	521.7	104.3
cal 8 mdq	8	✓	1000.0	1015.5	101.5

Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	48.7	97.3
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	249.7	99.9
cal 7 mdq	7	✓	500.0	526.2	105.2
cal 8 mdq	8	✓	1000.0	988.3	98.8

Compound Calibration Report

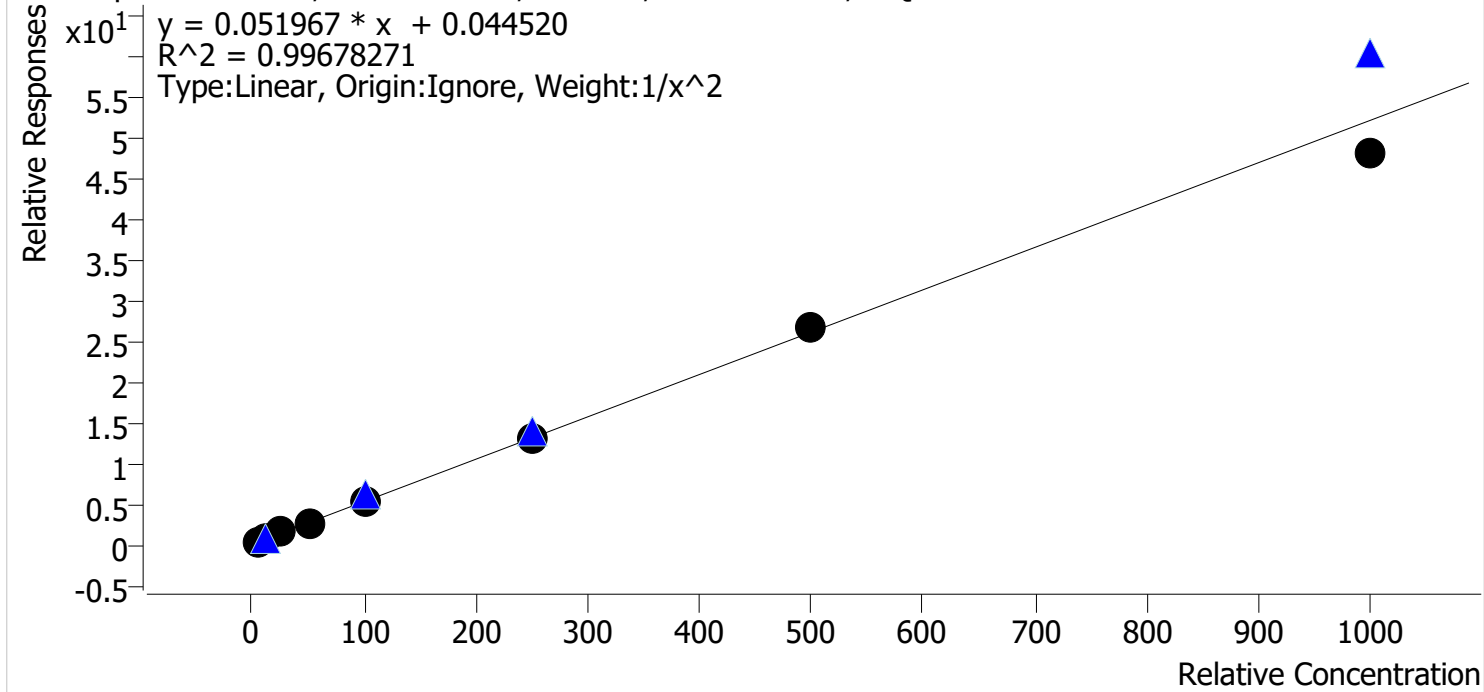
Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.9
cal 2 mdq	2	✓	10.0	9.2	91.9
cal 3 mdq	3	✓	25.0	26.0	104.0
cal 4 mdq	4	✓	50.0	50.9	101.7
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	249.9	100.0
cal 7 mdq	7	✓	500.0	514.8	103.0
cal 8 mdq	8	✓	1000.0	927.2	92.7

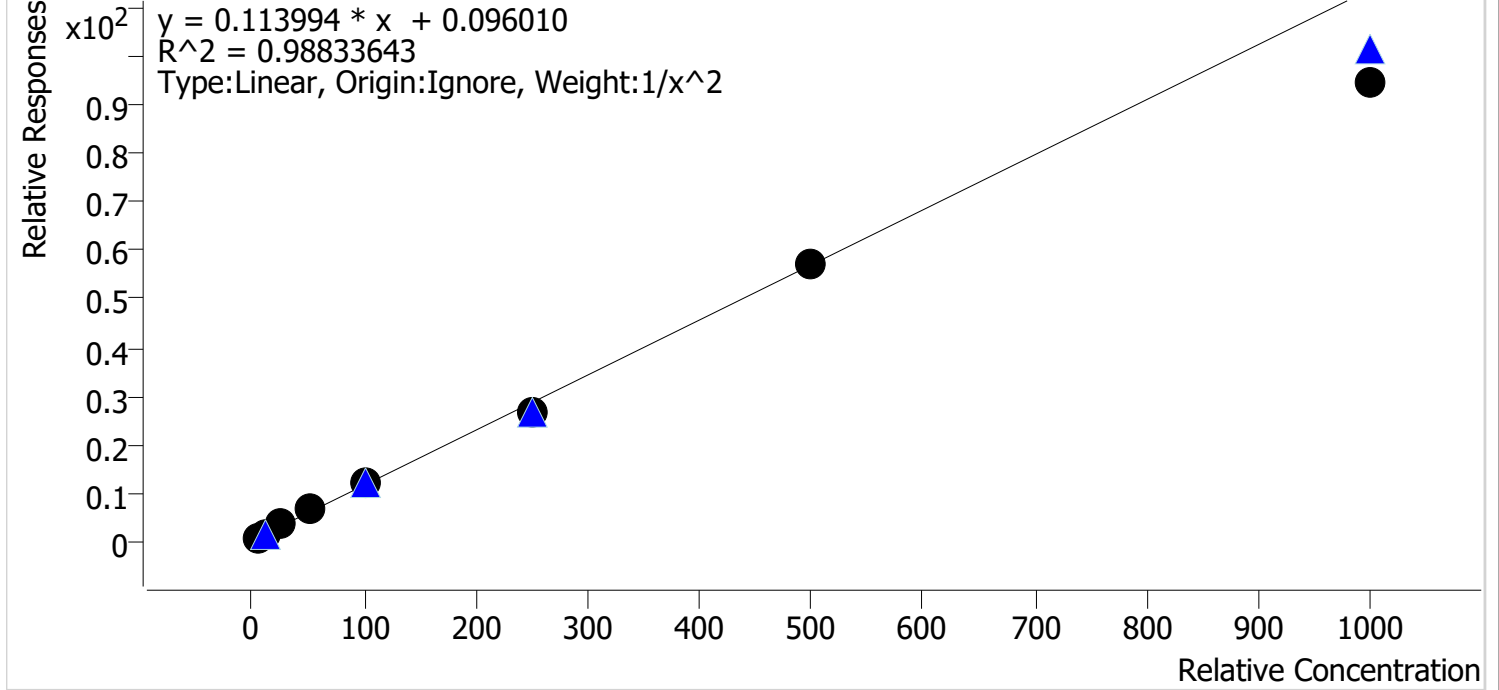
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Clonazolam

Internal Standard Clonazepam-D4

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



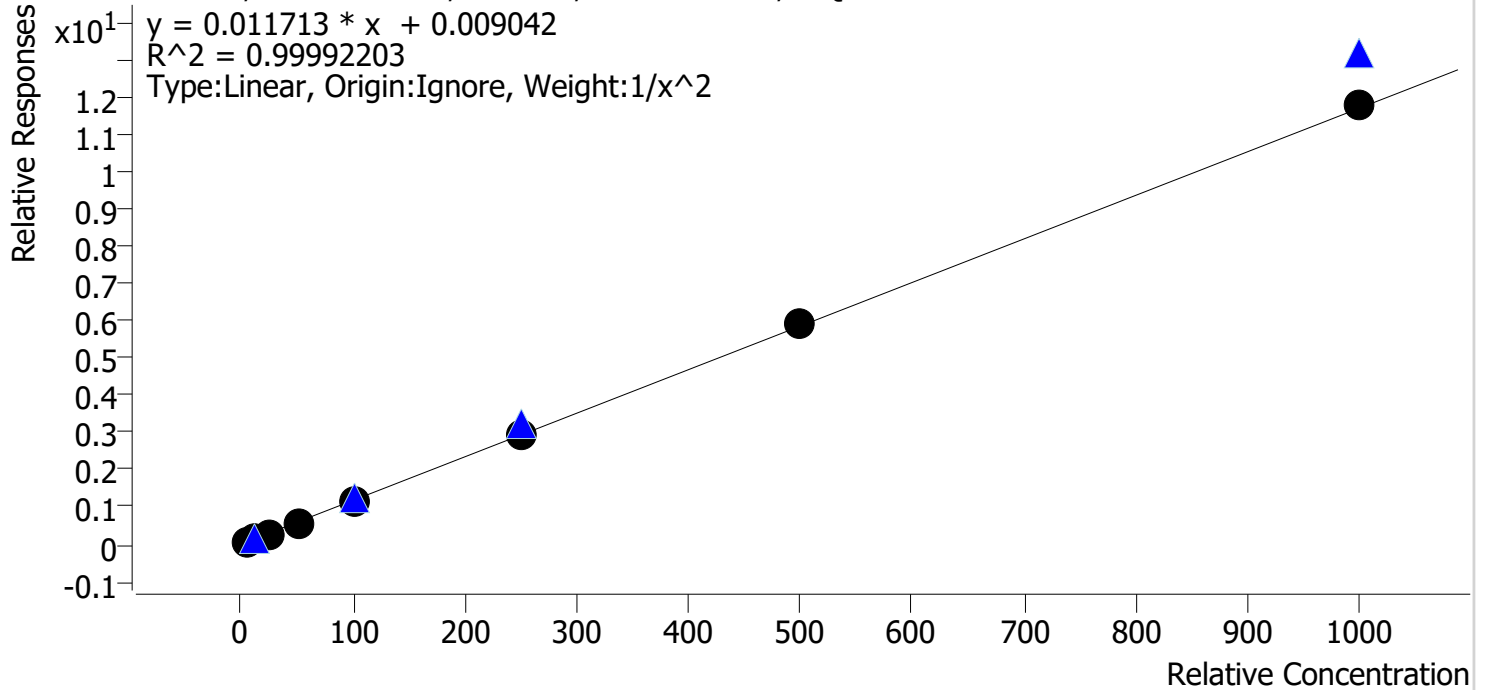
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.6
cal 2 mdq	2	✓	10.0	10.7	107.3
cal 3 mdq	3	✓	25.0	27.2	108.7
cal 4 mdq	4	✓	50.0	55.6	111.1
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	234.3	93.7
cal 7 mdq	7	✓	500.0	504.4	100.9
cal 8 mdq	8	✓	1000.0	830.7	83.1

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



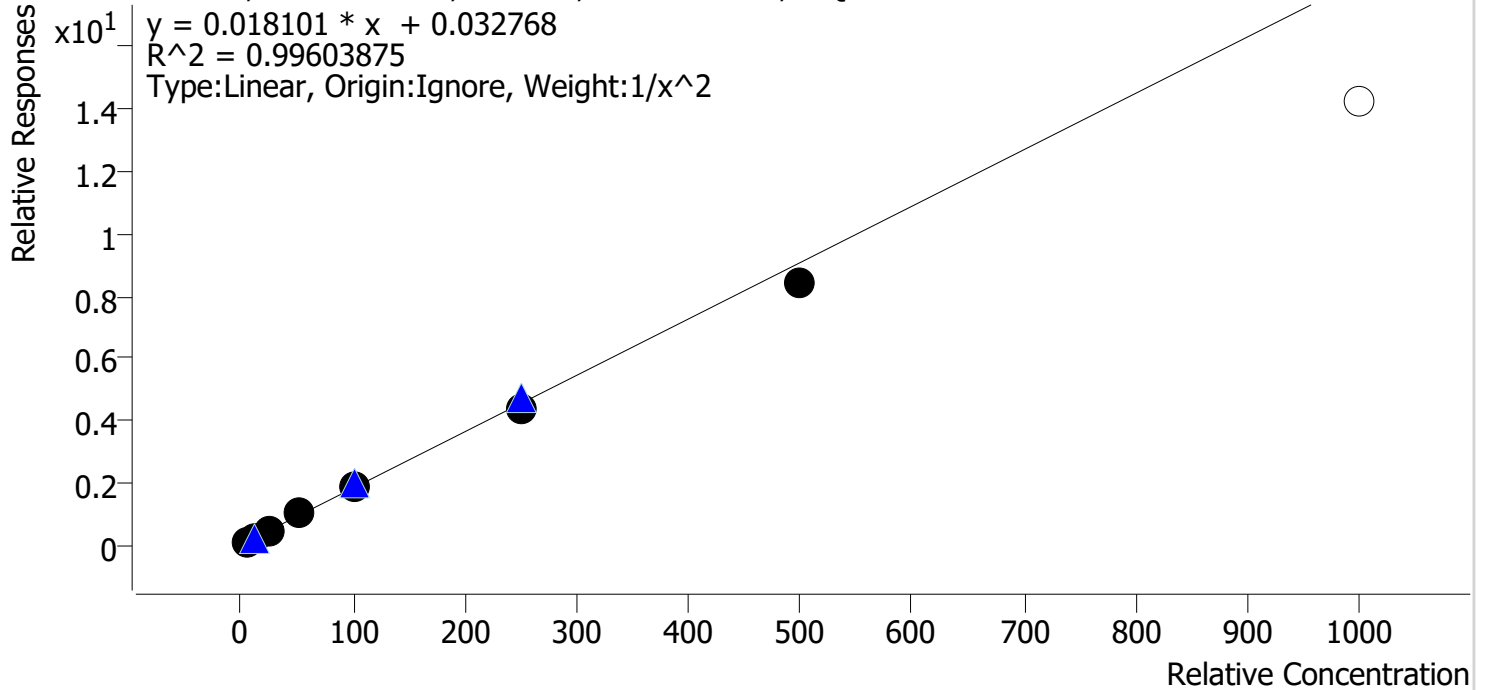
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	49.5	99.1
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	503.7	100.7
cal 8 mdq	8	✓	1000.0	1004.8	100.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	26.5	106.2
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	238.2	95.3
cal 7 mdq	7	✓	500.0	461.3	92.3
cal 8 mdq	8	✗	1000.0	788.5	78.8

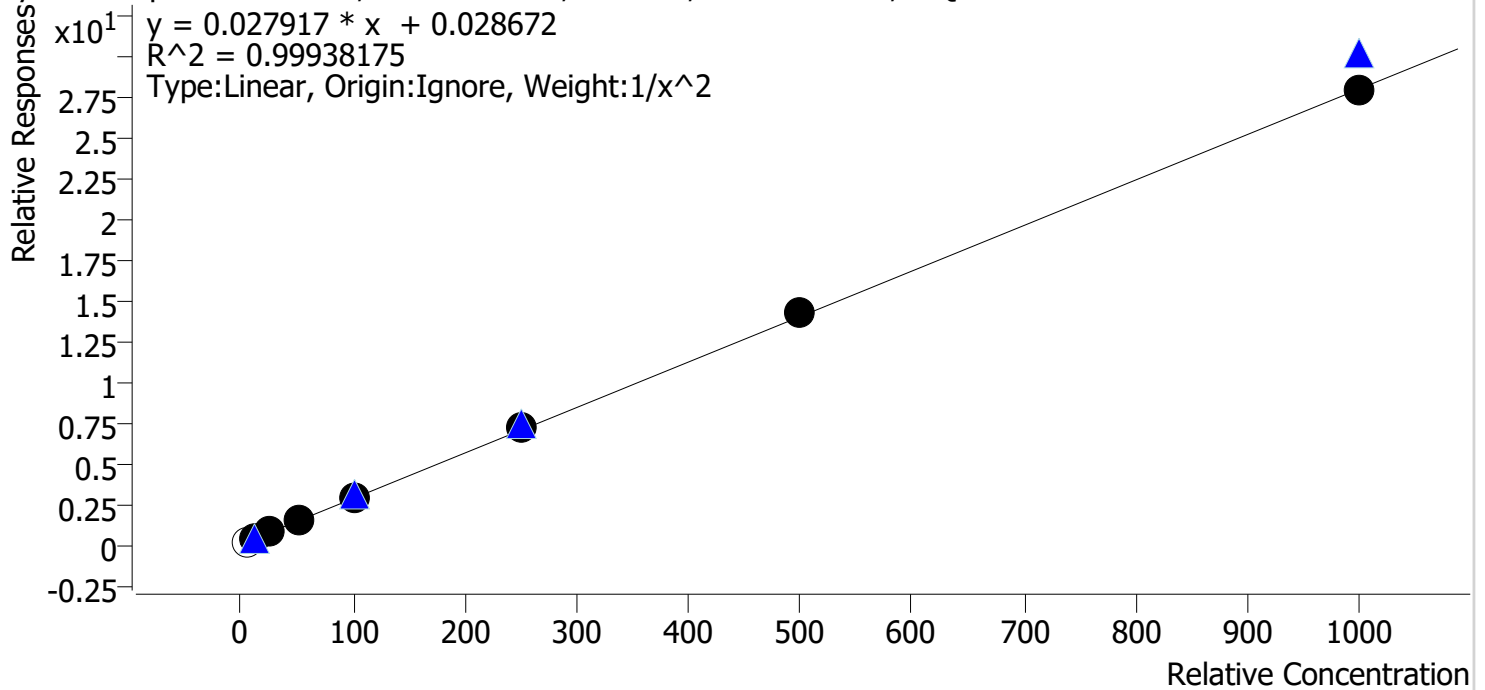
Cal 8 dropped due to accuracy

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	48.9	97.9
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	259.1	103.6
cal 7 mdq	7	✓	500.0	505.0	101.0
cal 8 mdq	8	✓	1000.0	1001.8	100.2

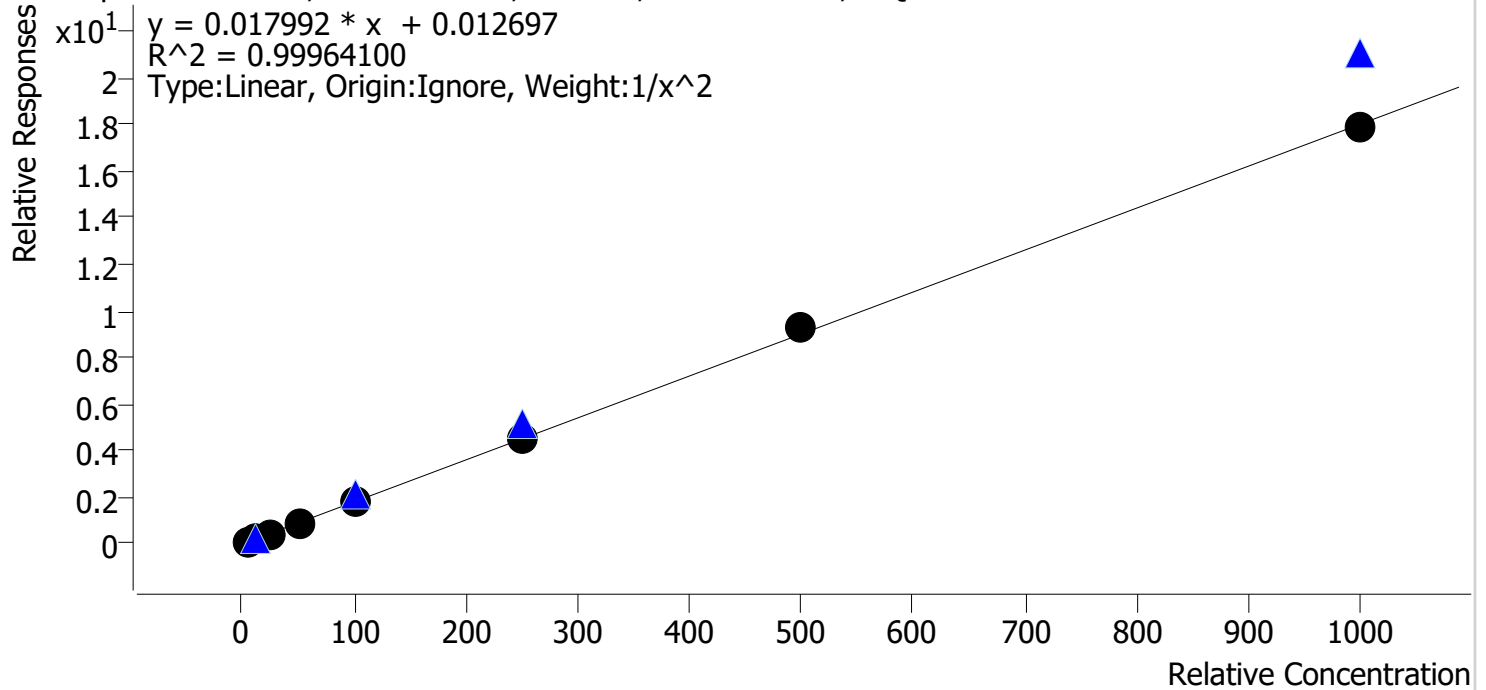
cal 1 dropped due to ratio

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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

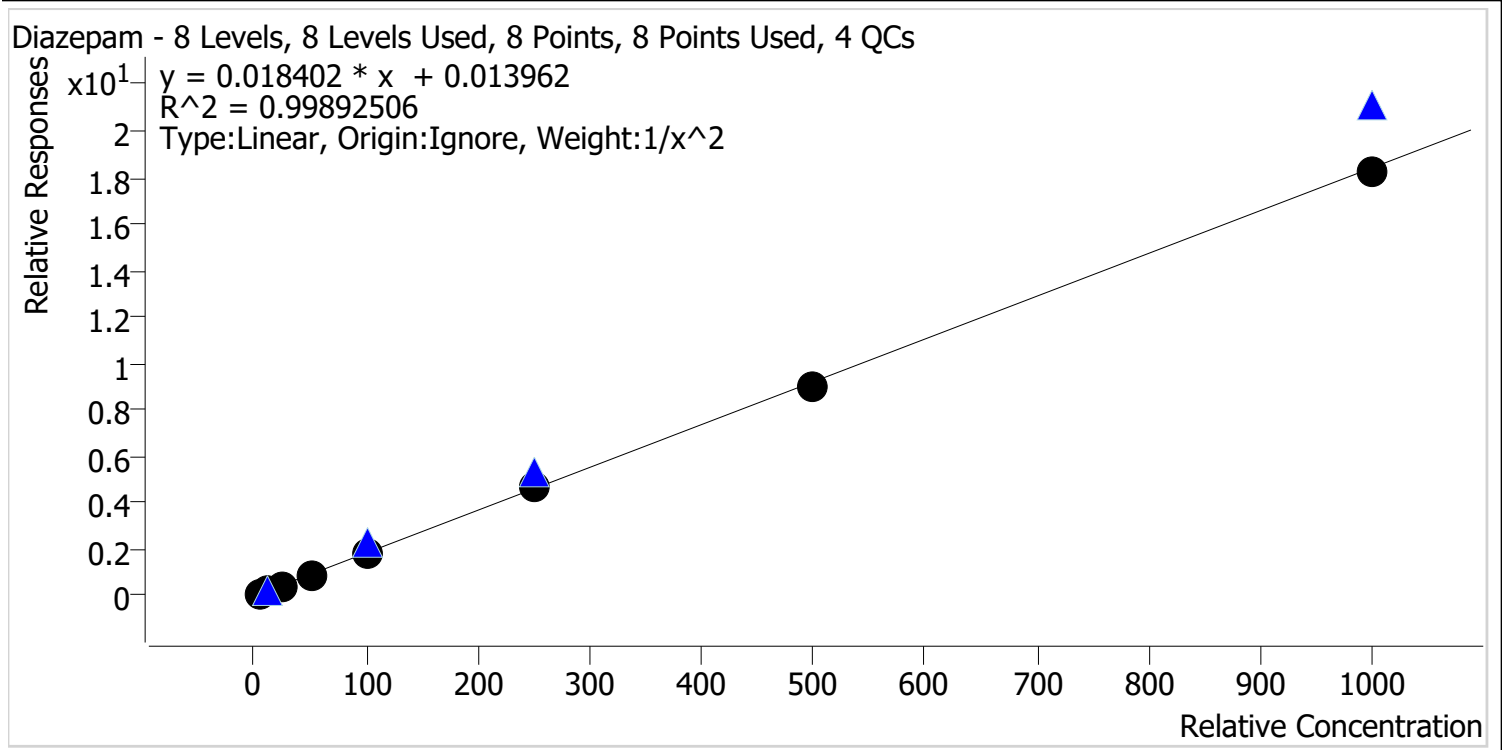


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	49.7	99.5
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	515.1	103.0
cal 8 mdq	8	✓	1000.0	996.9	99.7

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



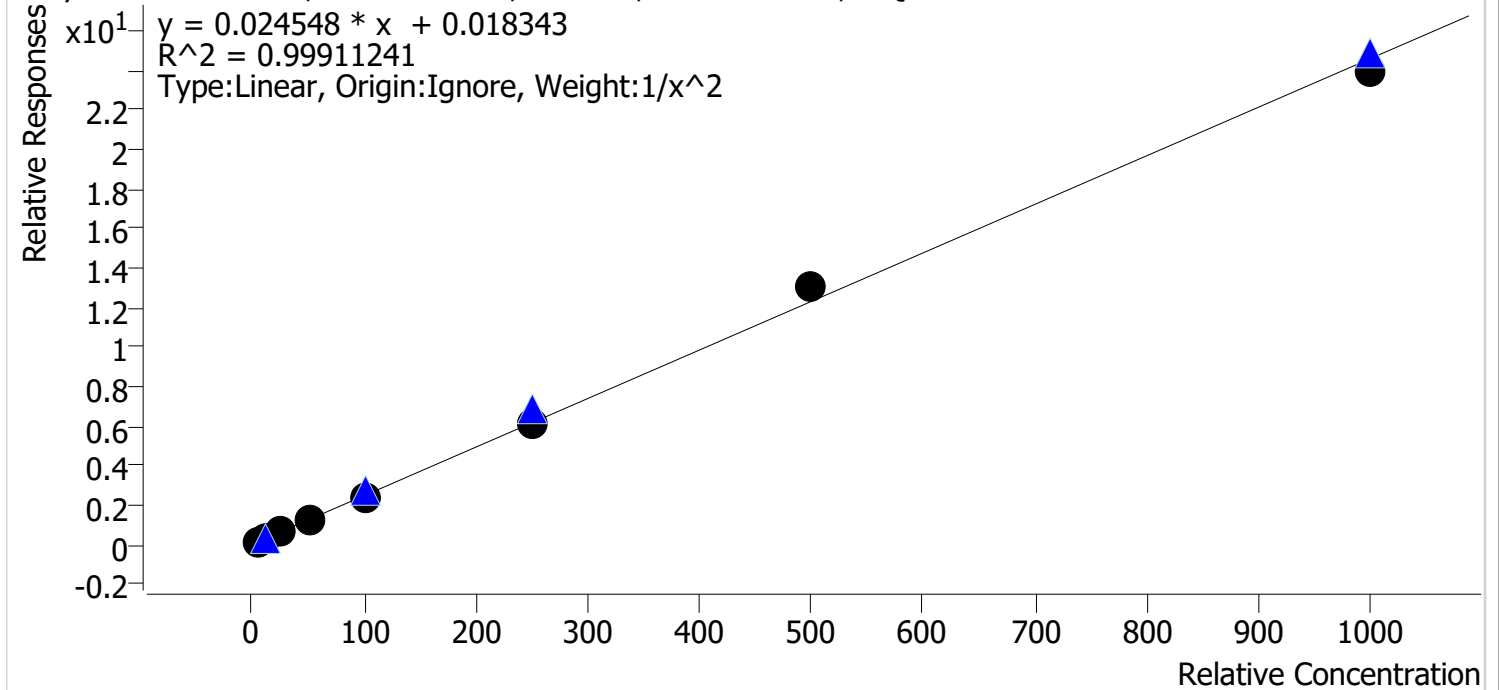
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.5	105.3
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	255.6	102.2
cal 7 mdq	7	✓	500.0	485.9	97.2
cal 8 mdq	8	✓	1000.0	993.2	99.3

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



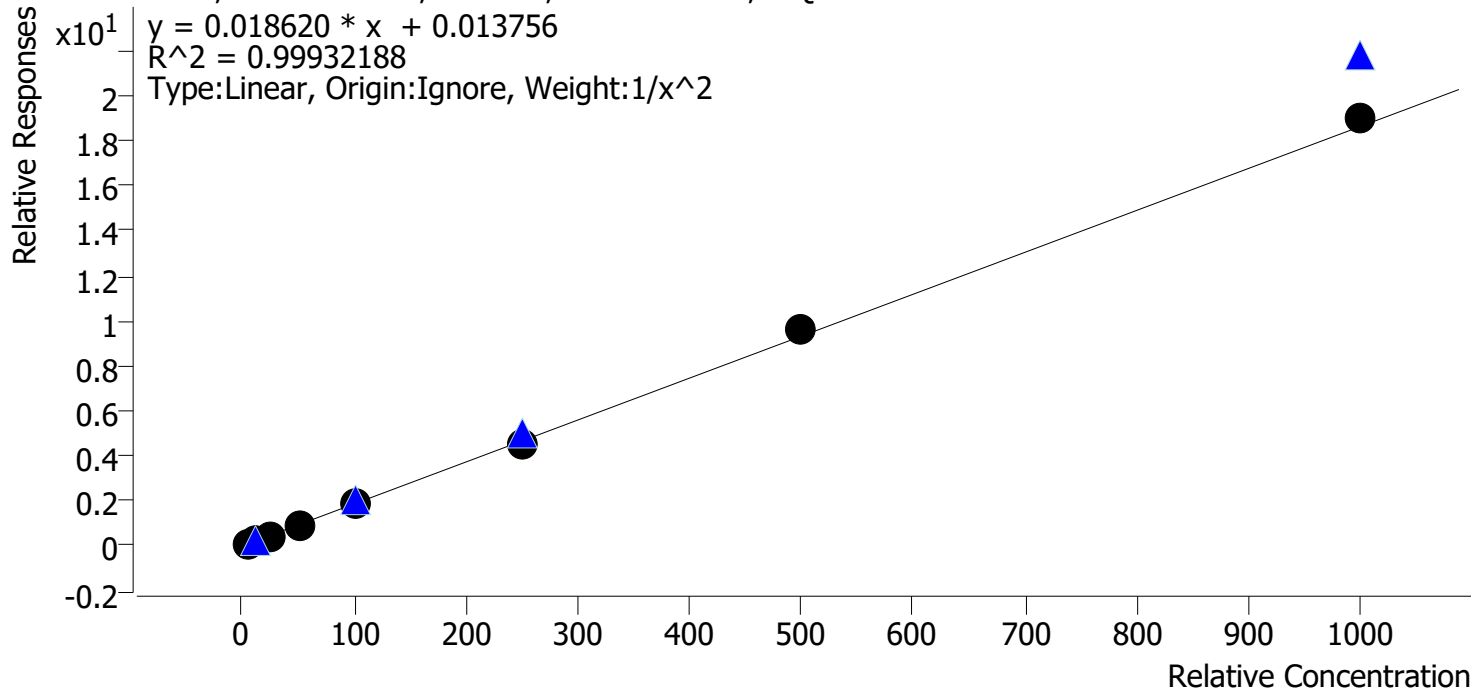
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.6	98.2
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	251.6	100.6
cal 7 mdq	7	✓	500.0	527.5	105.5
cal 8 mdq	8	✓	1000.0	977.0	97.7

Compound Calibration Report

Boylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



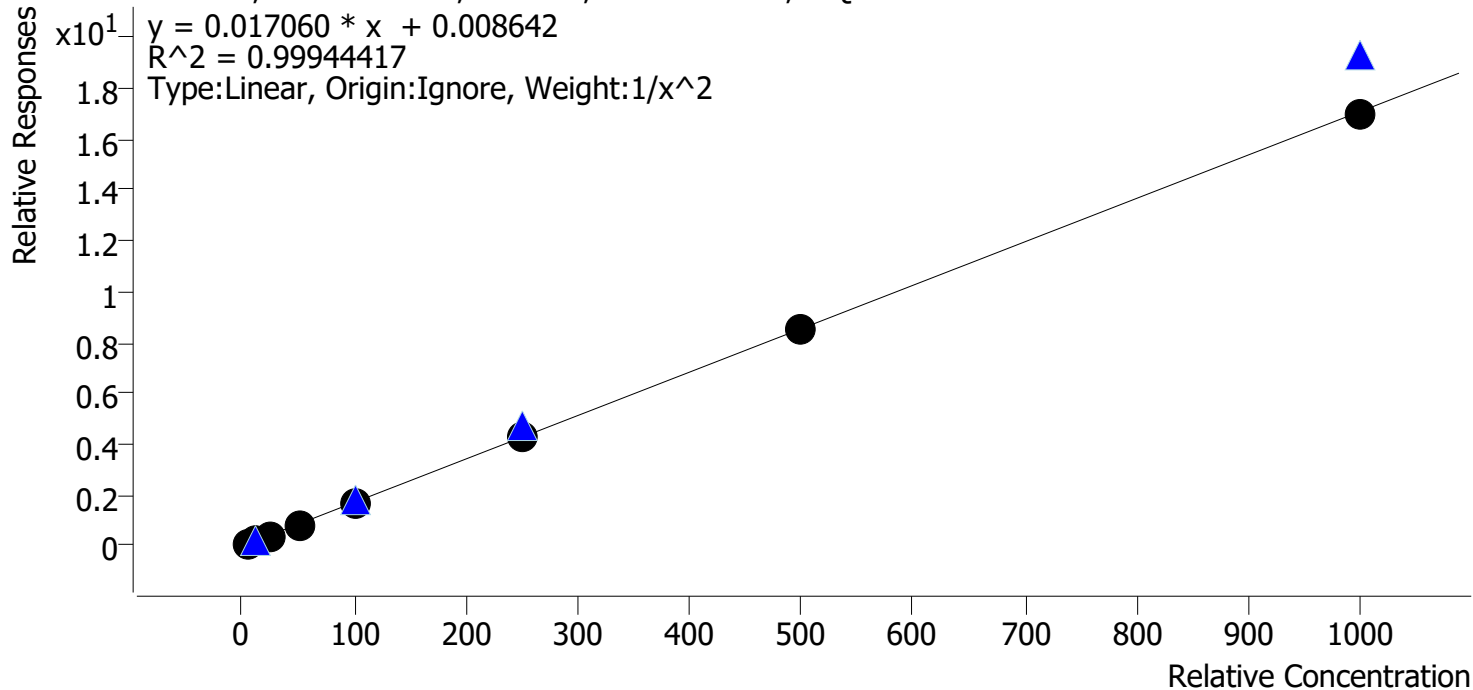
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	243.6	97.4
cal 7 mdq	7	✓	500.0	518.6	103.7
cal 8 mdq	8	✓	1000.0	1020.4	102.0

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Alprazolam-D5

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



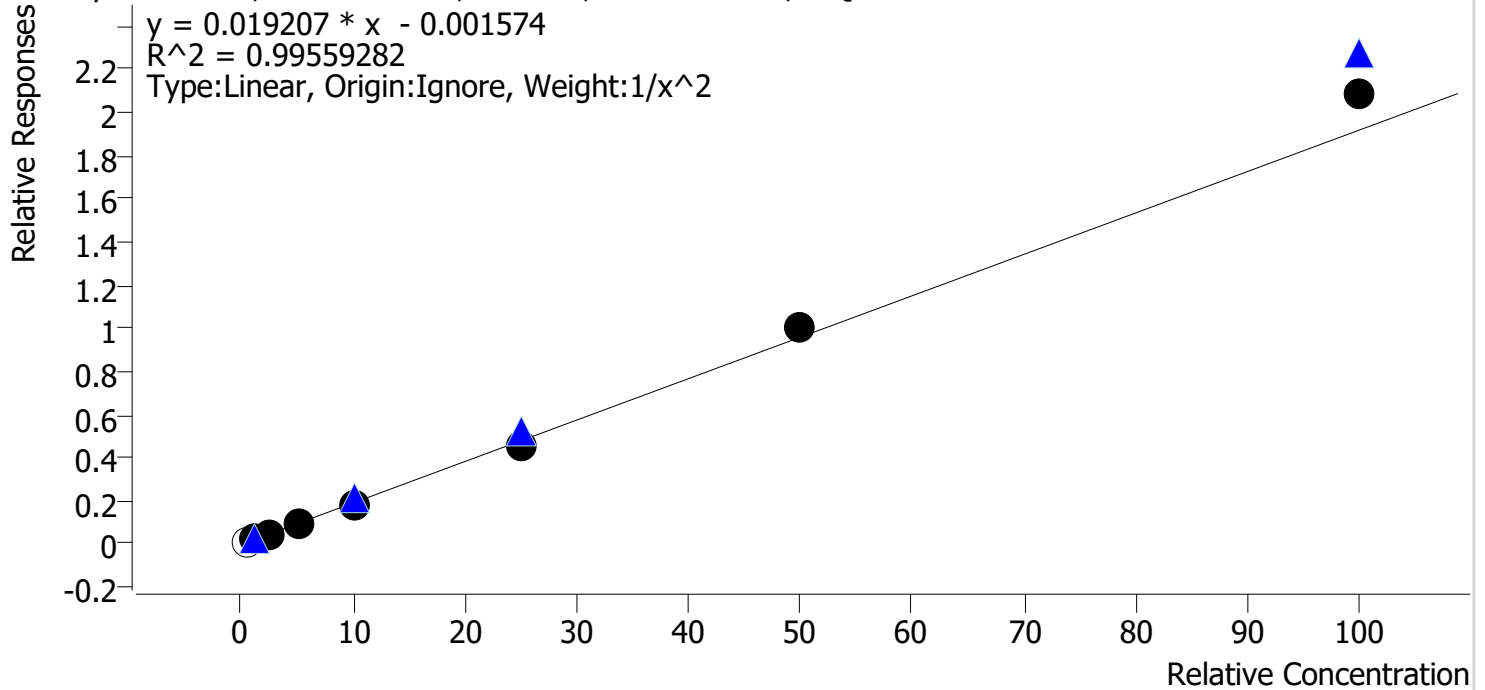
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.4	104.1
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	49.4	98.7
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	502.6	100.5
cal 8 mdq	8	✓	1000.0	996.6	99.7

Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.6	126.6
cal 2 mdq	2	✓	1.0	1.0	100.8
cal 3 mdq	3	✓	2.5	2.6	102.7
cal 4 mdq	4	✓	5.0	4.6	92.7
cal 5 mdq	5	✓	10.0	9.6	96.2
cal 6 mdq	6	✓	25.0	23.7	94.7
cal 7 mdq	7	✓	50.0	52.1	104.1
cal 8 mdq	8	✓	100.0	108.7	108.7

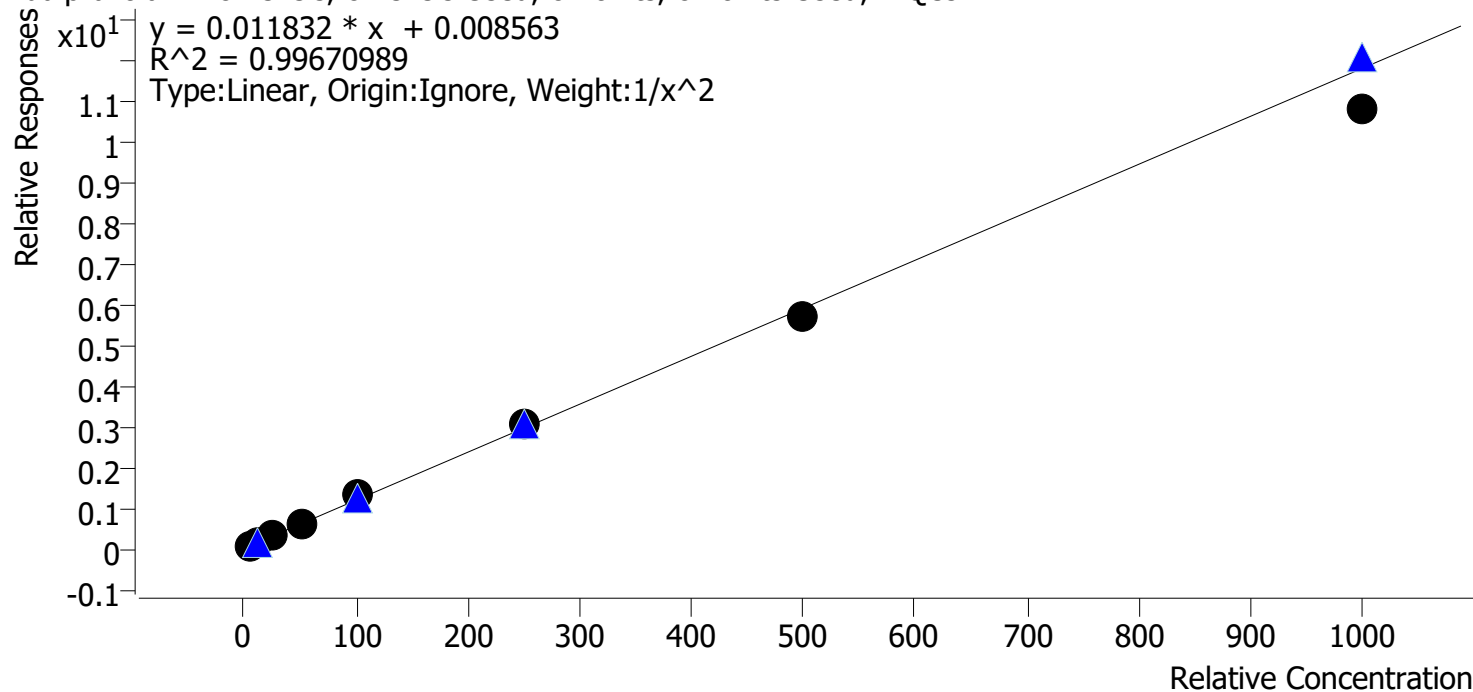
cal 1 dropped due to ratio

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



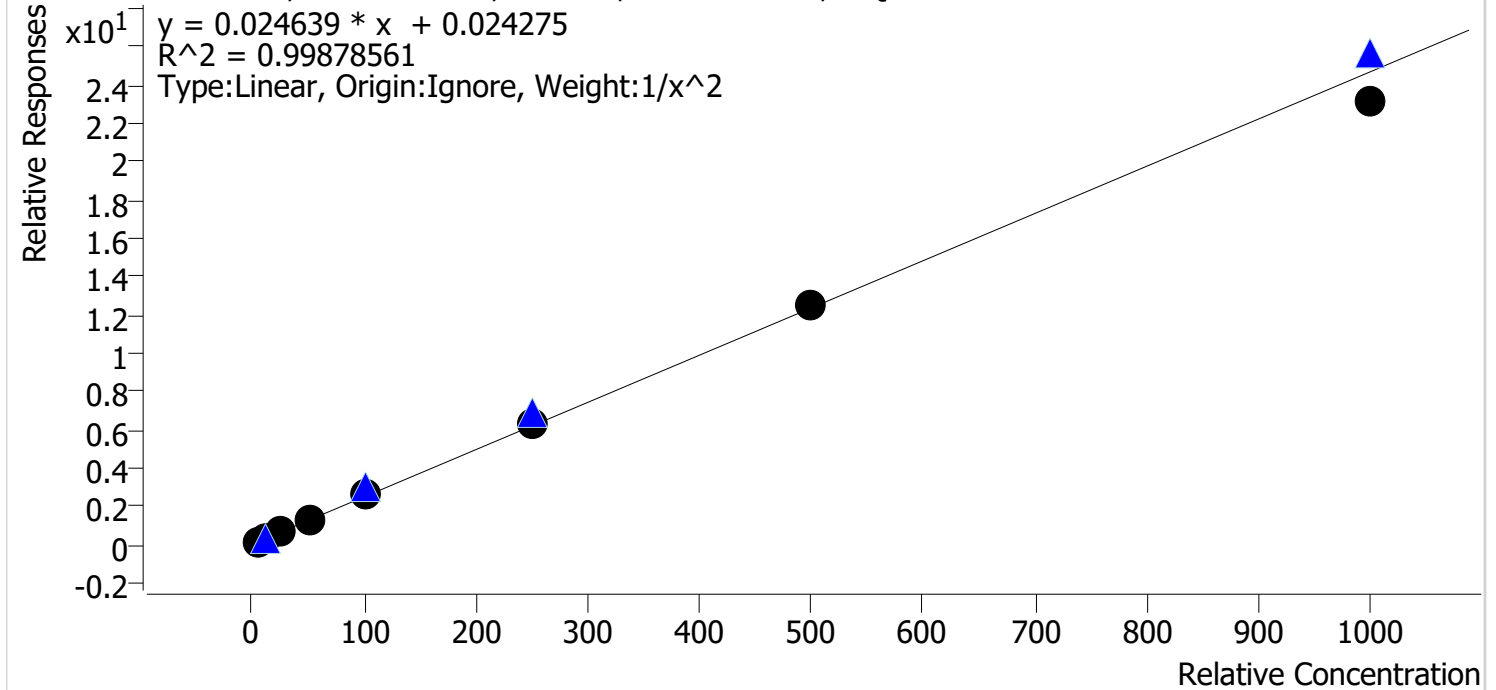
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	48.8	97.5
cal 5 mdq	5	✓	100.0	108.6	108.6
cal 6 mdq	6	✓	250.0	258.5	103.4
cal 7 mdq	7	✓	500.0	486.4	97.3
cal 8 mdq	8	✓	1000.0	916.4	91.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	25.0	99.8
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	252.8	101.1
cal 7 mdq	7	✓	500.0	508.7	101.7
cal 8 mdq	8	✓	1000.0	935.7	93.6

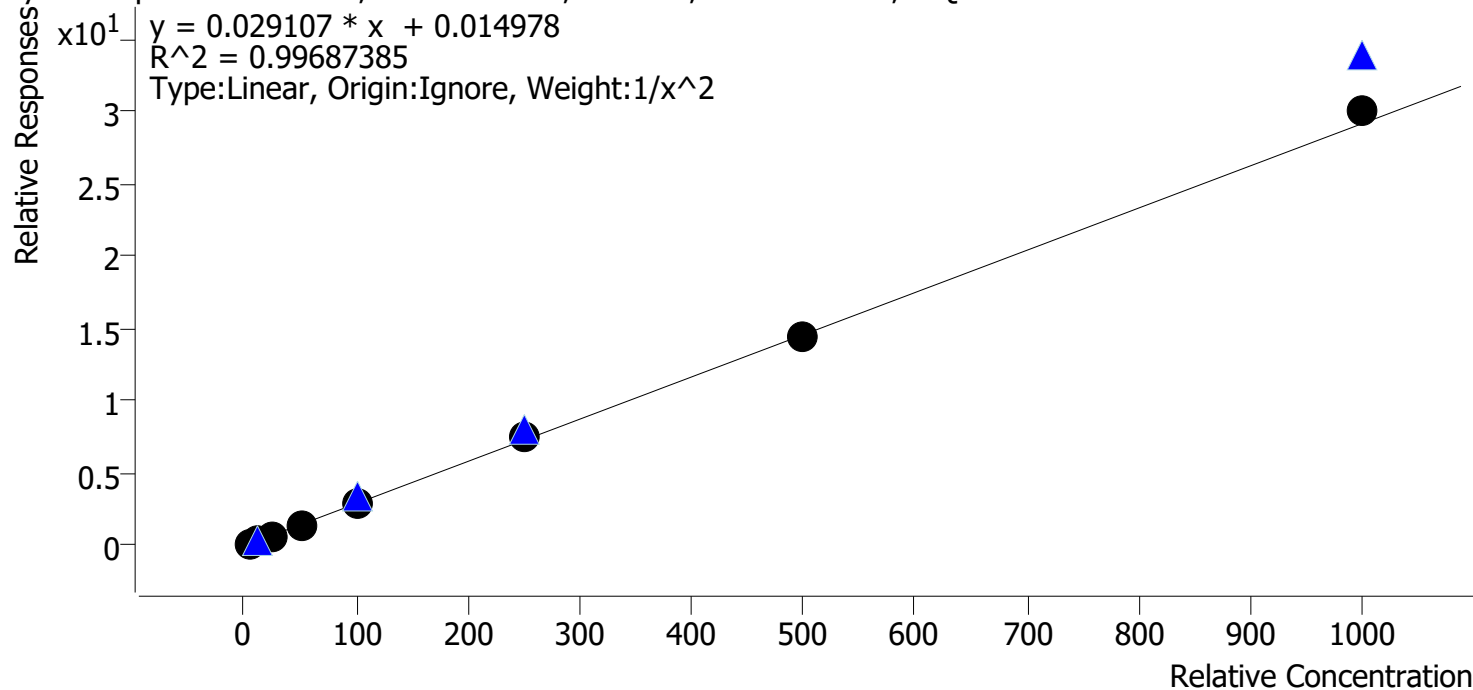
NOT Evaluated due to response >10 in Negative Blood

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



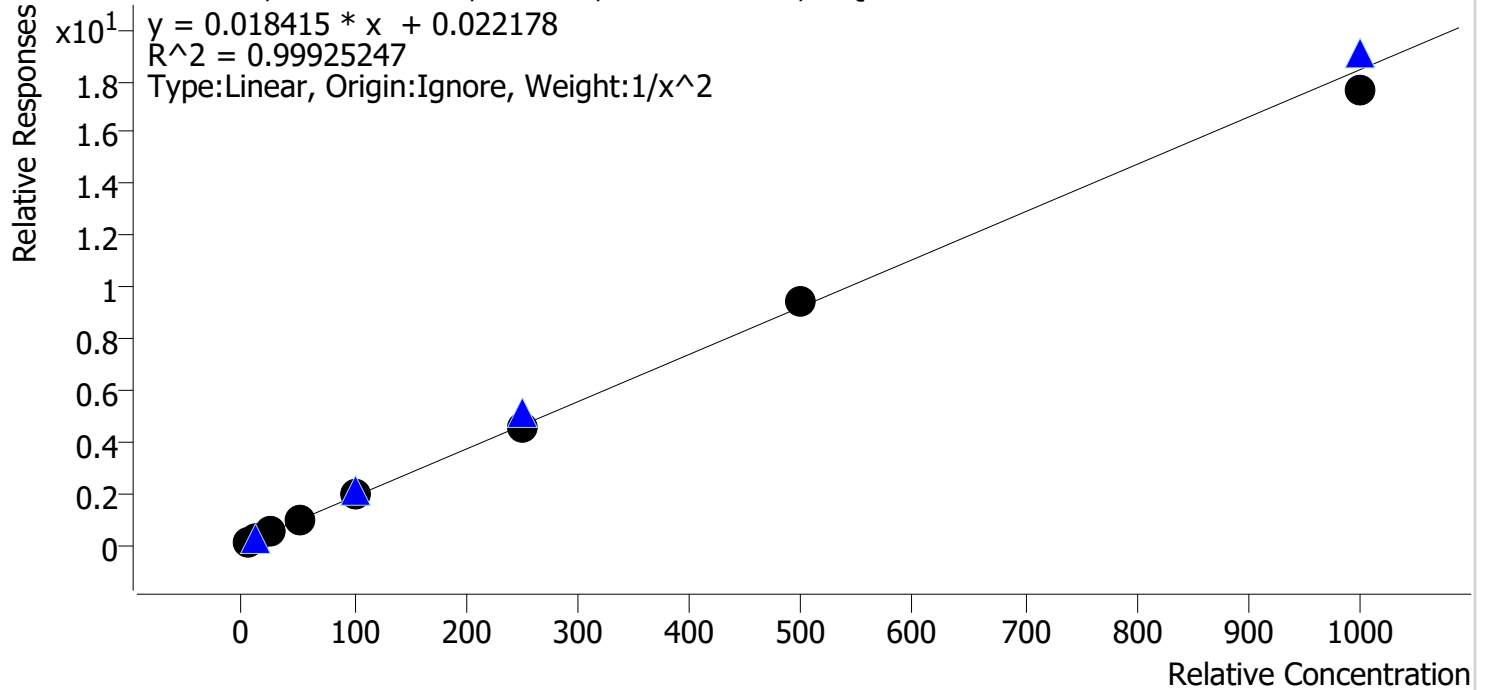
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	10.2	101.5
cal 3 mdq	3	✓	25.0	23.0	91.9
cal 4 mdq	4	✓	50.0	46.7	93.4
cal 5 mdq	5	✓	100.0	104.1	104.1
cal 6 mdq	6	✓	250.0	262.6	105.0
cal 7 mdq	7	✓	500.0	498.4	99.7
cal 8 mdq	8	✓	1000.0	1031.6	103.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



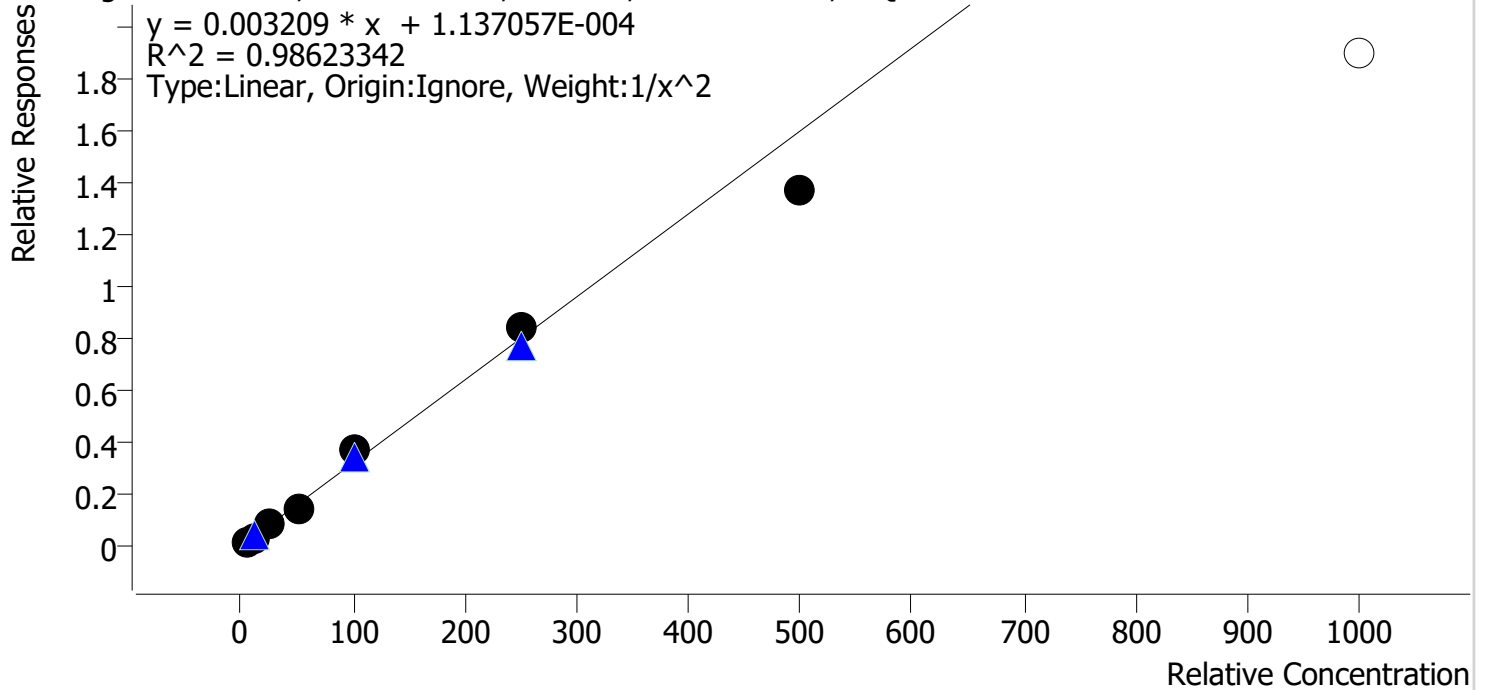
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.8	101.6
cal 5 mdq	5	✓	100.0	101.7	101.7
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	507.7	101.5
cal 8 mdq	8	✓	1000.0	954.3	95.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

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



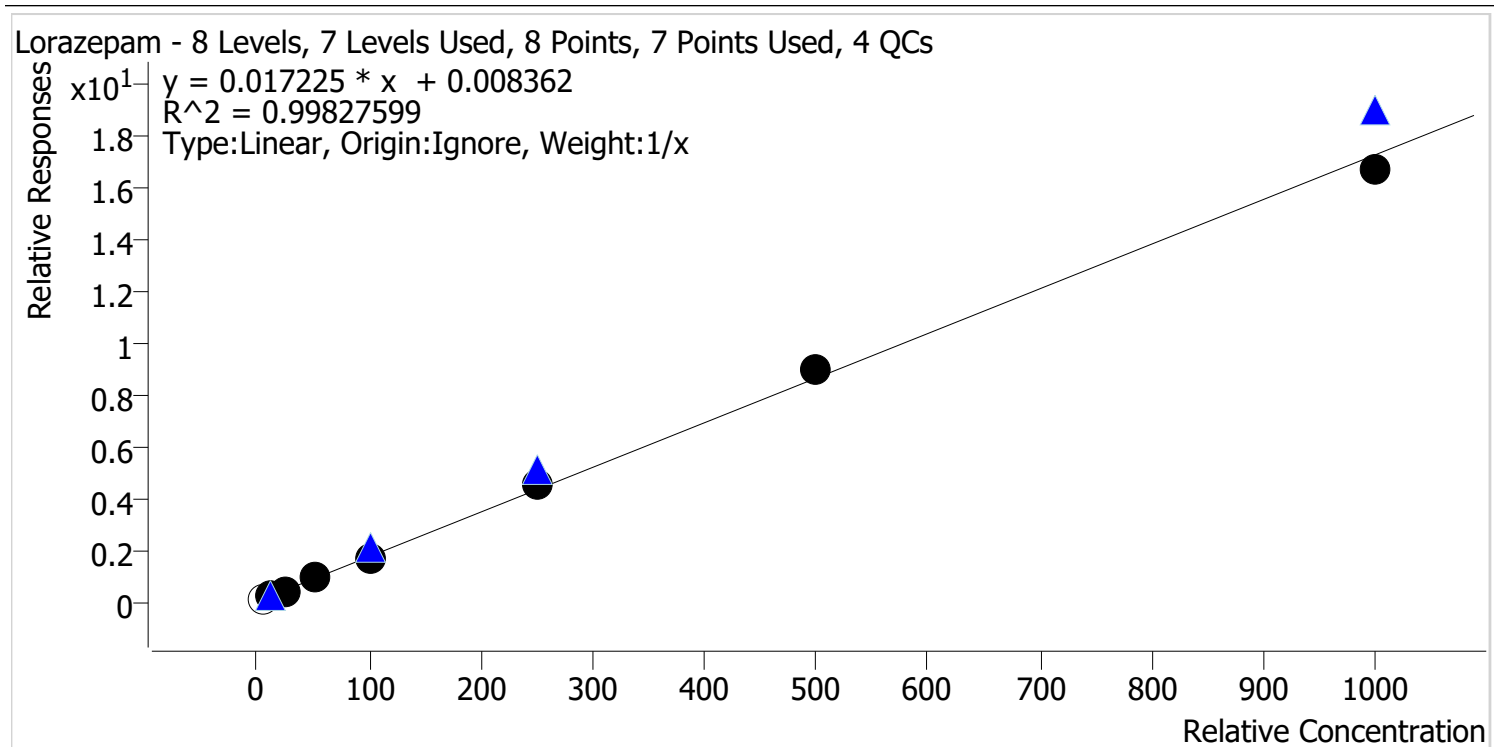
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.8	97.5
cal 3 mdq	3	✓	25.0	25.9	103.5
cal 4 mdq	4	✓	50.0	45.7	91.3
cal 5 mdq	5	✓	100.0	116.6	116.6
cal 6 mdq	6	✓	250.0	261.9	104.8
cal 7 mdq	7	✓	500.0	428.2	85.6
cal 8 mdq	8	x	1000.0	593.0	59.3

cal 8 dropped due to accuracy

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	5.8	115.9
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	23.8	95.2
cal 4 mdq	4	✓	50.0	51.7	103.5
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	261.1	104.5
cal 7 mdq	7	✓	500.0	523.4	104.7
cal 8 mdq	8	✓	1000.0	966.3	96.6

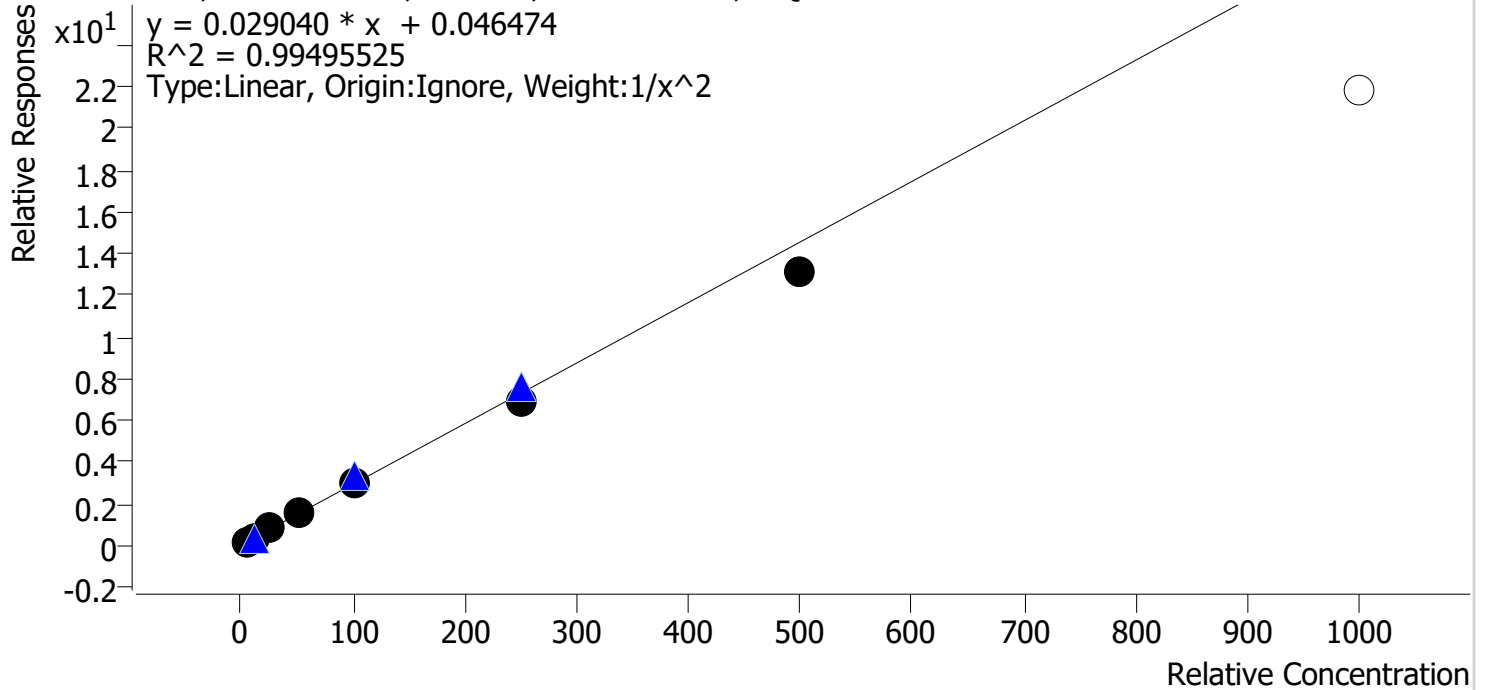
cal 1 dropped due to poor response

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.3	103.5
cal 3 mdq	3	✓	25.0	26.4	105.6
cal 4 mdq	4	✓	50.0	52.9	105.8
cal 5 mdq	5	✓	100.0	102.9	102.9
cal 6 mdq	6	✓	250.0	239.4	95.7
cal 7 mdq	7	✓	500.0	449.5	89.9
cal 8 mdq	8	✗	1000.0	750.4	75.0

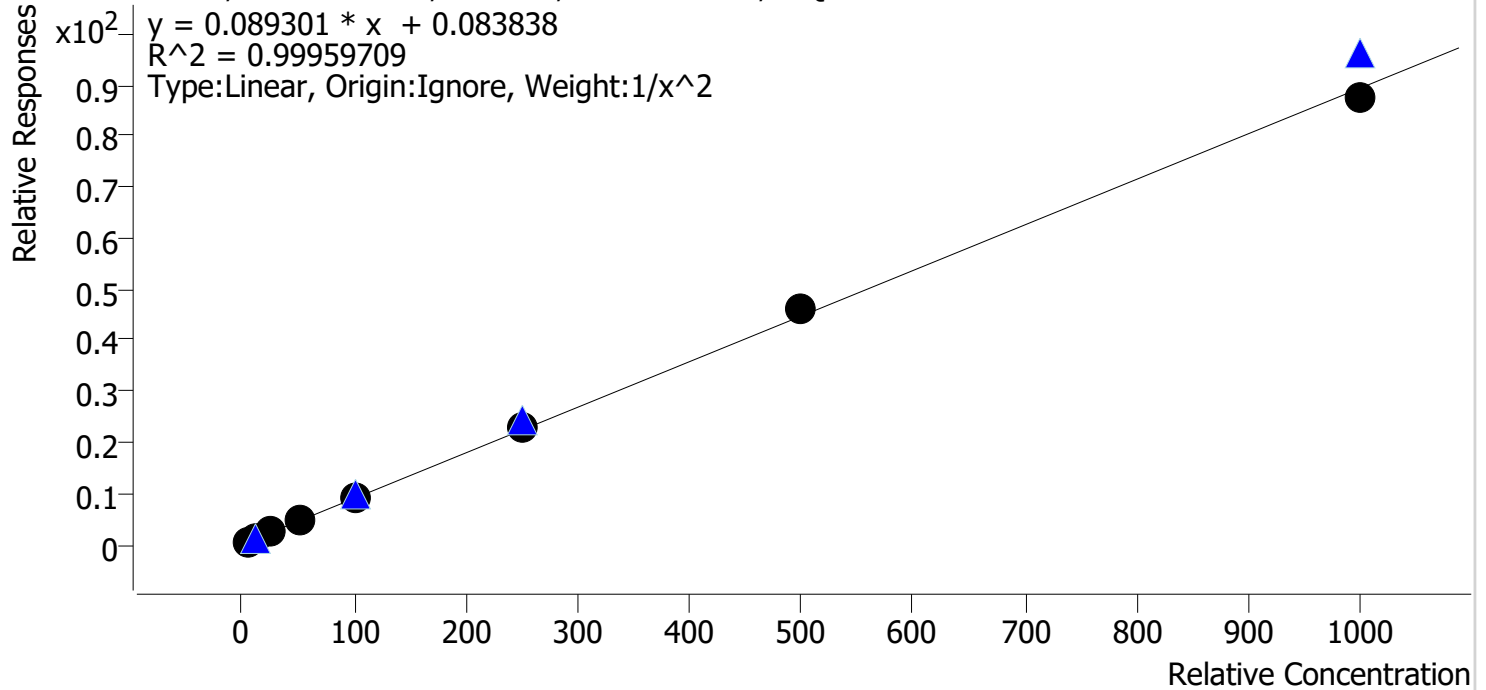
cal 8 dropped due to accuracy

Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



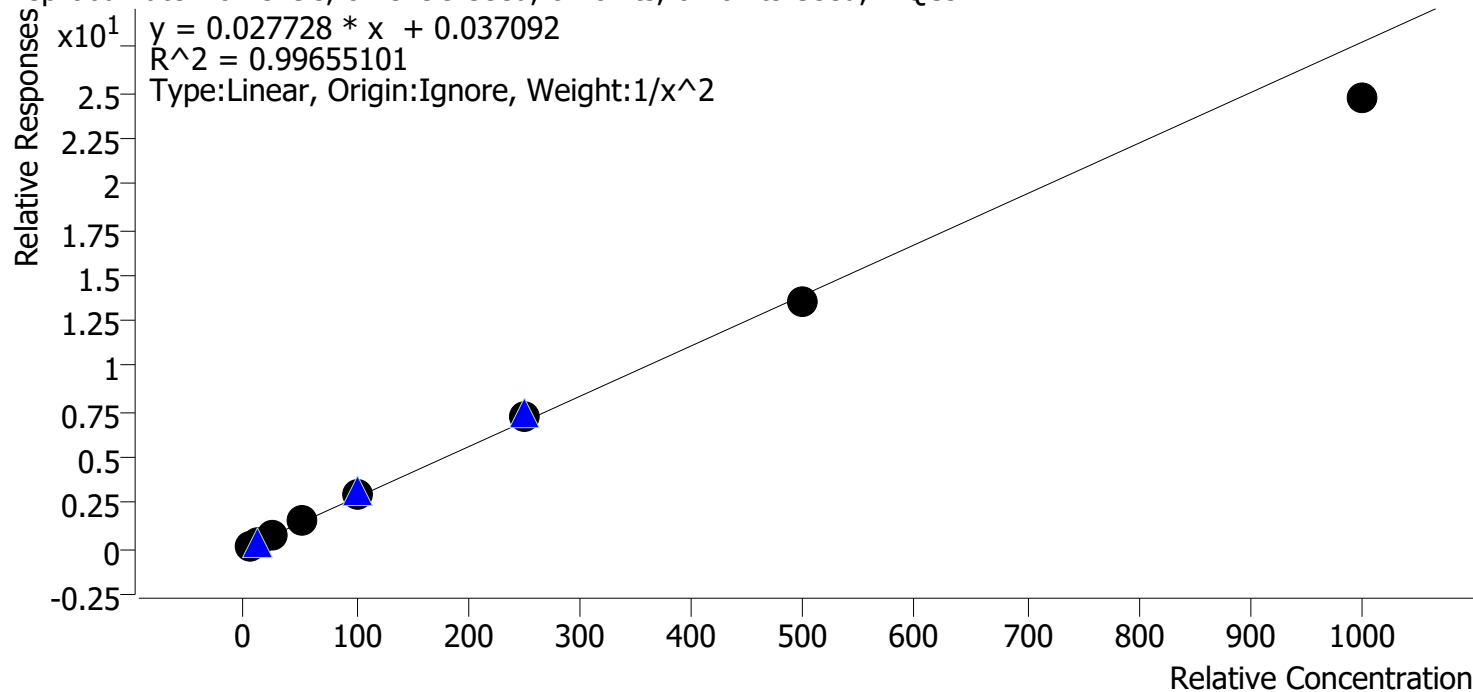
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	252.3	100.9
cal 7 mdq	7	✓	500.0	514.8	103.0
cal 8 mdq	8	✓	1000.0	981.1	98.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



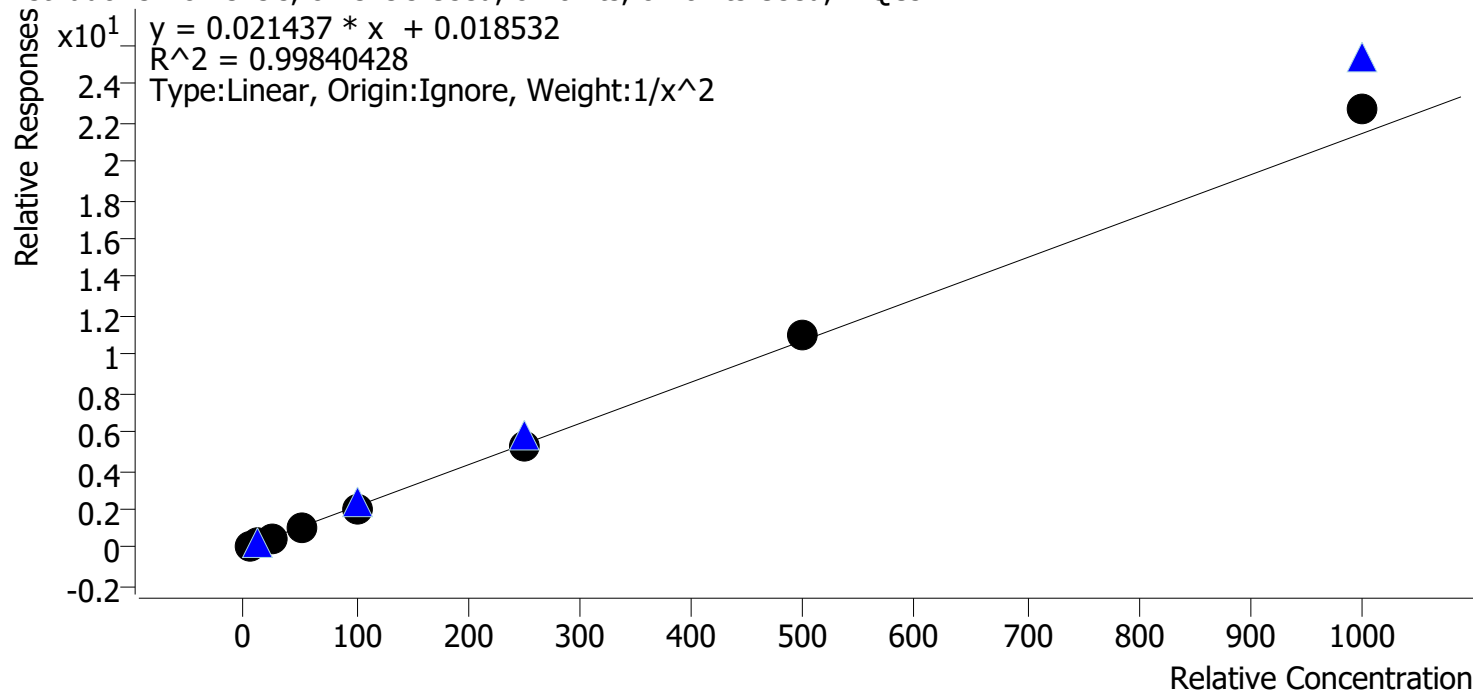
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	25.6	102.6
cal 4 mdq	4	✓	50.0	51.5	102.9
cal 5 mdq	5	✓	100.0	104.8	104.8
cal 6 mdq	6	✓	250.0	260.2	104.1
cal 7 mdq	7	✓	500.0	485.1	97.0
cal 8 mdq	8	✓	1000.0	892.3	89.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** **Methadone-D9**

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



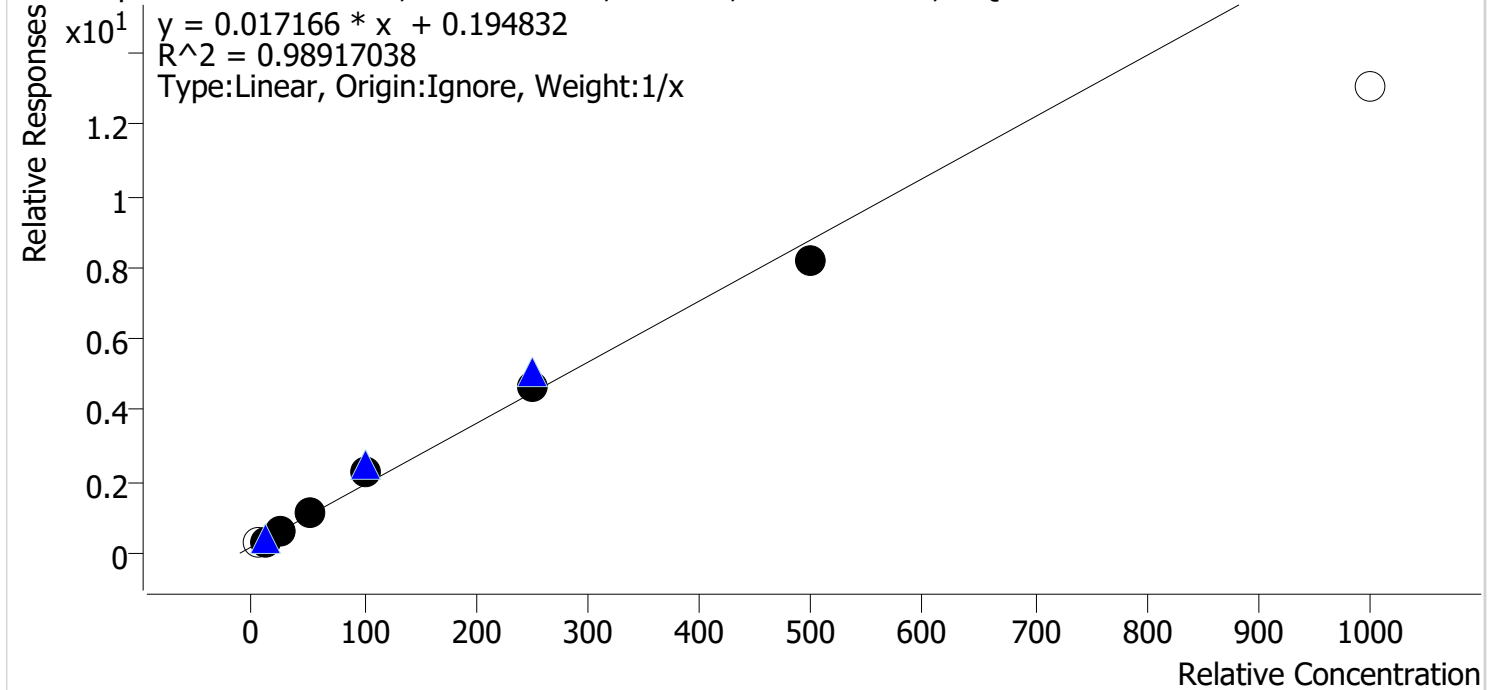
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdq	2	✓	10.0	10.3	103.5
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	48.3	96.7
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	245.5	98.2
cal 7 mdq	7	✓	500.0	511.1	102.2
cal 8 mdq	8	✓	1000.0	1059.5	106.0

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** **Methamphetamine-D11**

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	9.3	185.1
cal 2 mdq	2	✓	10.0	7.5	75.2
cal 3 mdq	3	✓	25.0	23.5	93.9
cal 4 mdq	4	✓	50.0	57.0	114.0
cal 5 mdq	5	✓	100.0	119.2	119.2
cal 6 mdq	6	✓	250.0	260.7	104.3
cal 7 mdq	7	✓	500.0	467.1	93.4
cal 8 mdq	8	x	1000.0	747.3	74.7

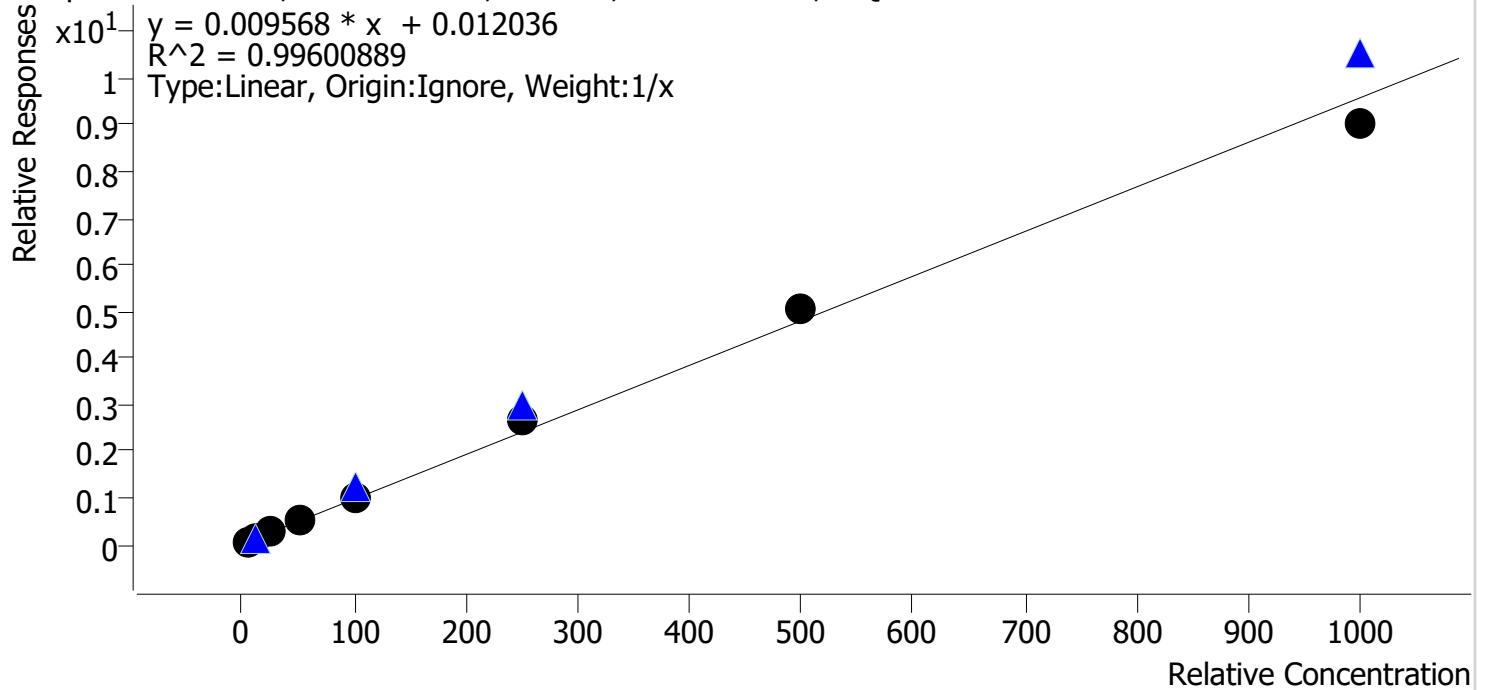
Evaluated qualitatively- QC 10 & 100 outside accuracy range

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



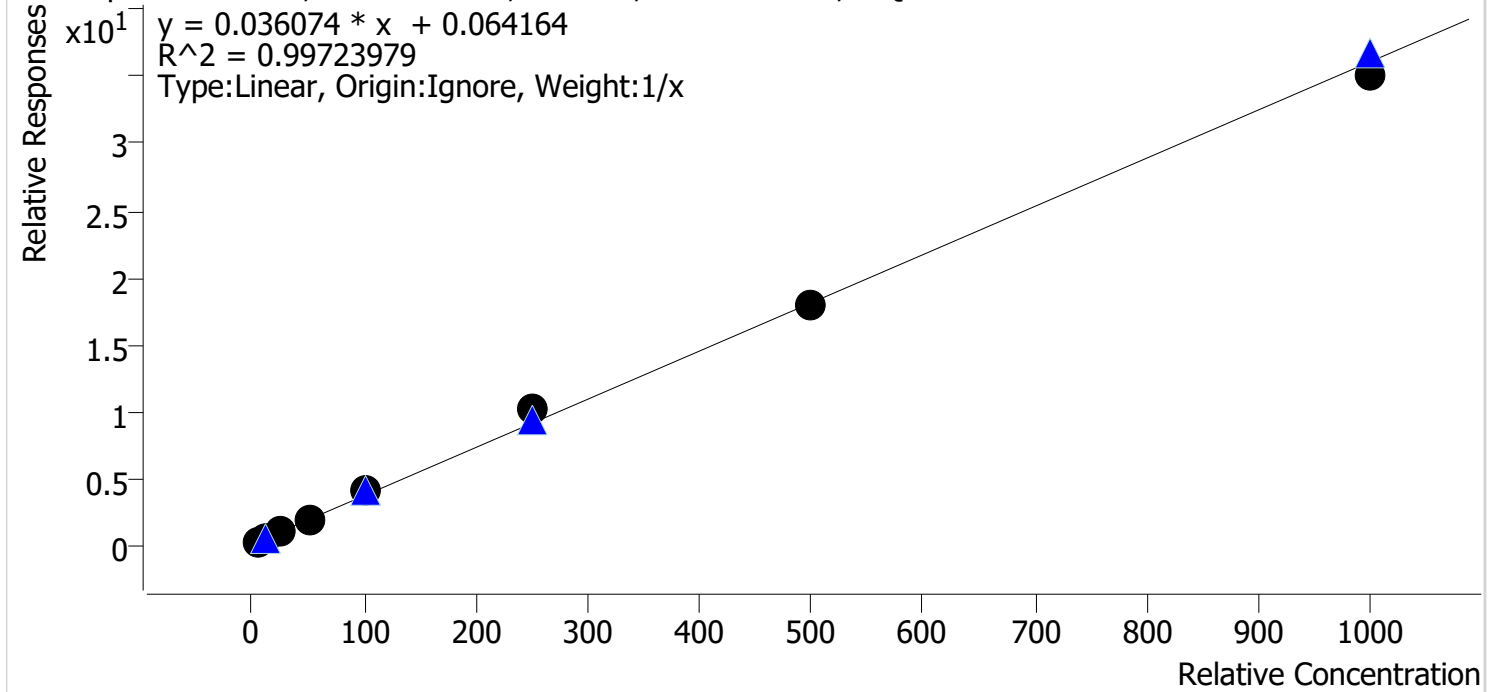
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	90.4
cal 2 mdq	2	✓	10.0	9.6	95.7
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	51.3	102.7
cal 5 mdq	5	✓	100.0	104.4	104.4
cal 6 mdq	6	✓	250.0	273.5	109.4
cal 7 mdq	7	✓	500.0	527.6	105.5
cal 8 mdq	8	✓	1000.0	944.7	94.5

Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



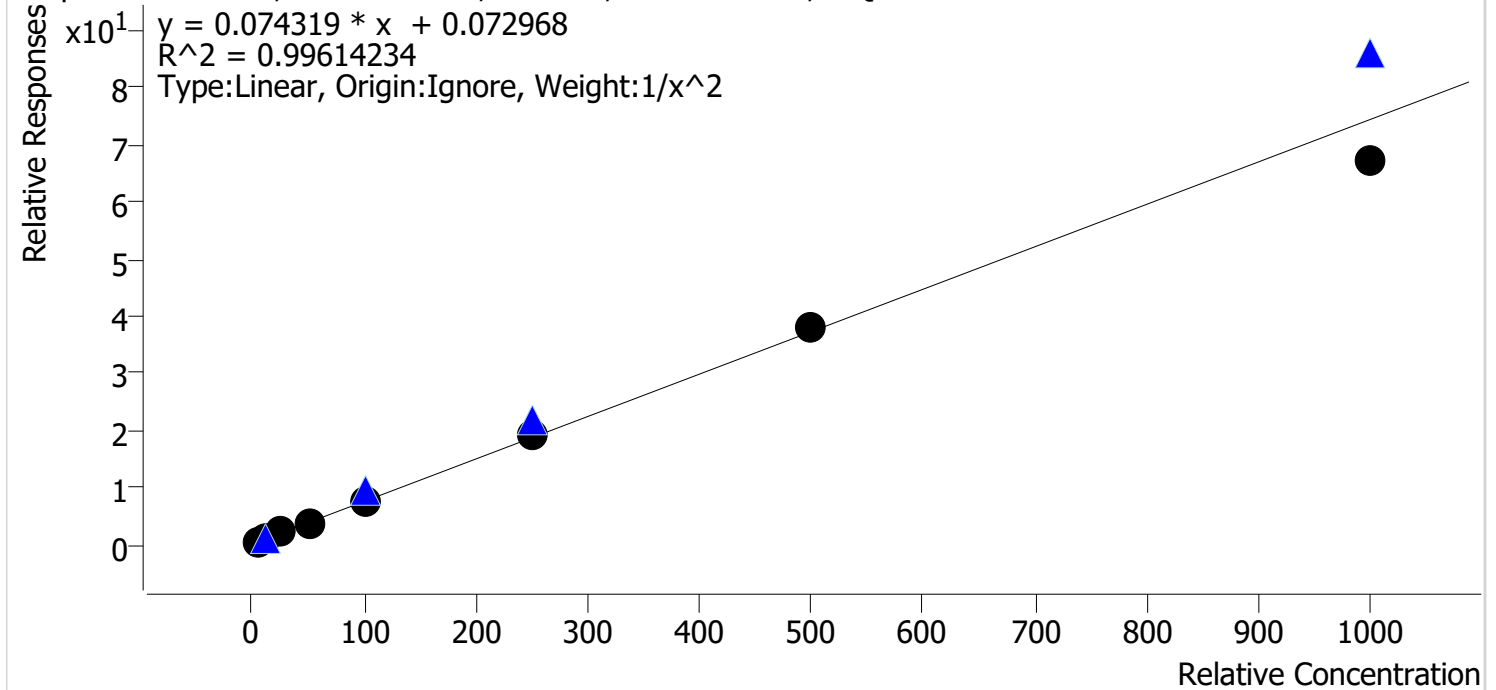
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	89.0
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	49.2	98.4
cal 5 mdq	5	✓	100.0	107.4	107.4
cal 6 mdq	6	✓	250.0	279.2	111.7
cal 7 mdq	7	✓	500.0	491.9	98.4
cal 8 mdq	8	✓	1000.0	973.1	97.3

Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	27.3	109.3
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	255.4	102.1
cal 7 mdq	7	✓	500.0	512.5	102.5
cal 8 mdq	8	✓	1000.0	899.1	89.9

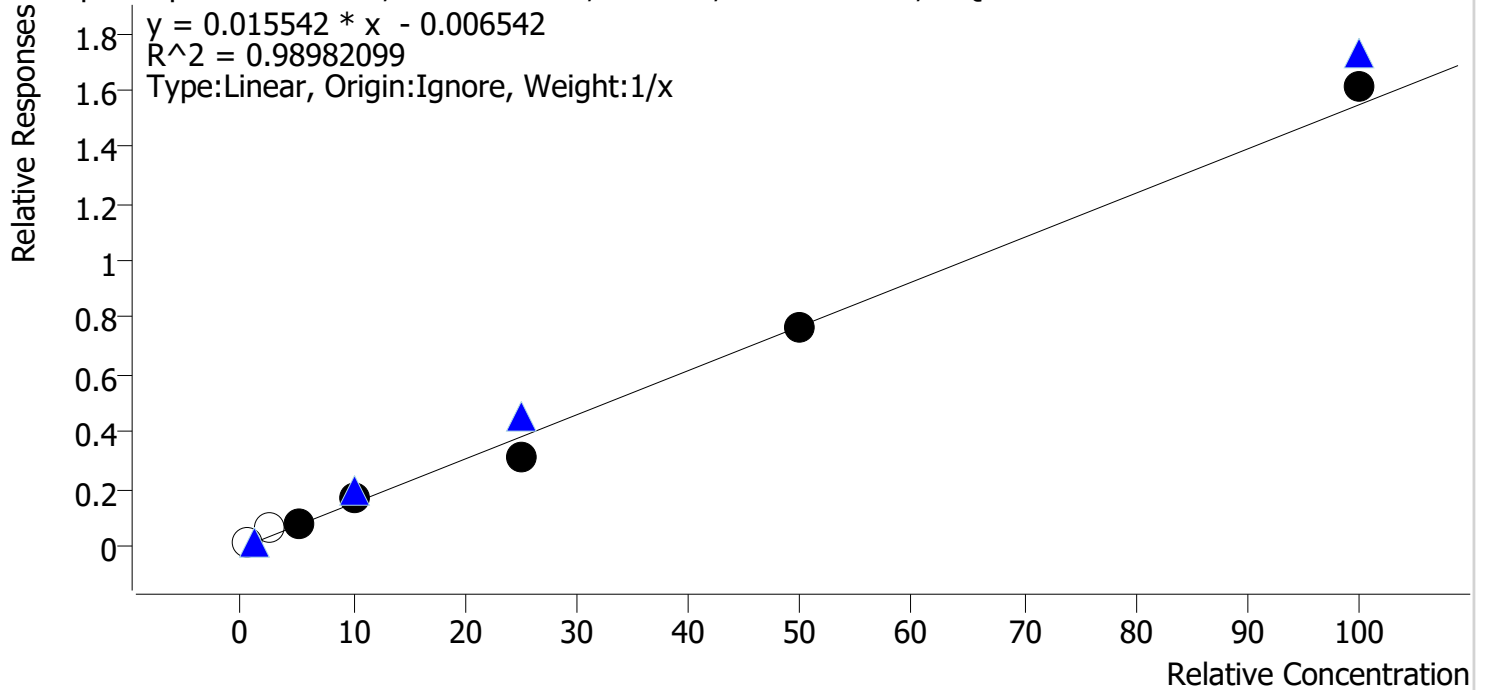
Evaluated qualitatively- QC 100 outside accuracy range

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	1.3	269.1
cal 3 mdq	3	x	2.5	4.3	172.5
cal 4 mdq	4	✓	5.0	5.2	104.3
cal 5 mdq	5	✓	10.0	11.2	112.3
cal 6 mdq	6	✓	25.0	20.2	80.7
cal 7 mdq	7	✓	50.0	49.3	98.7
cal 8 mdq	8	✓	100.0	104.0	104.0

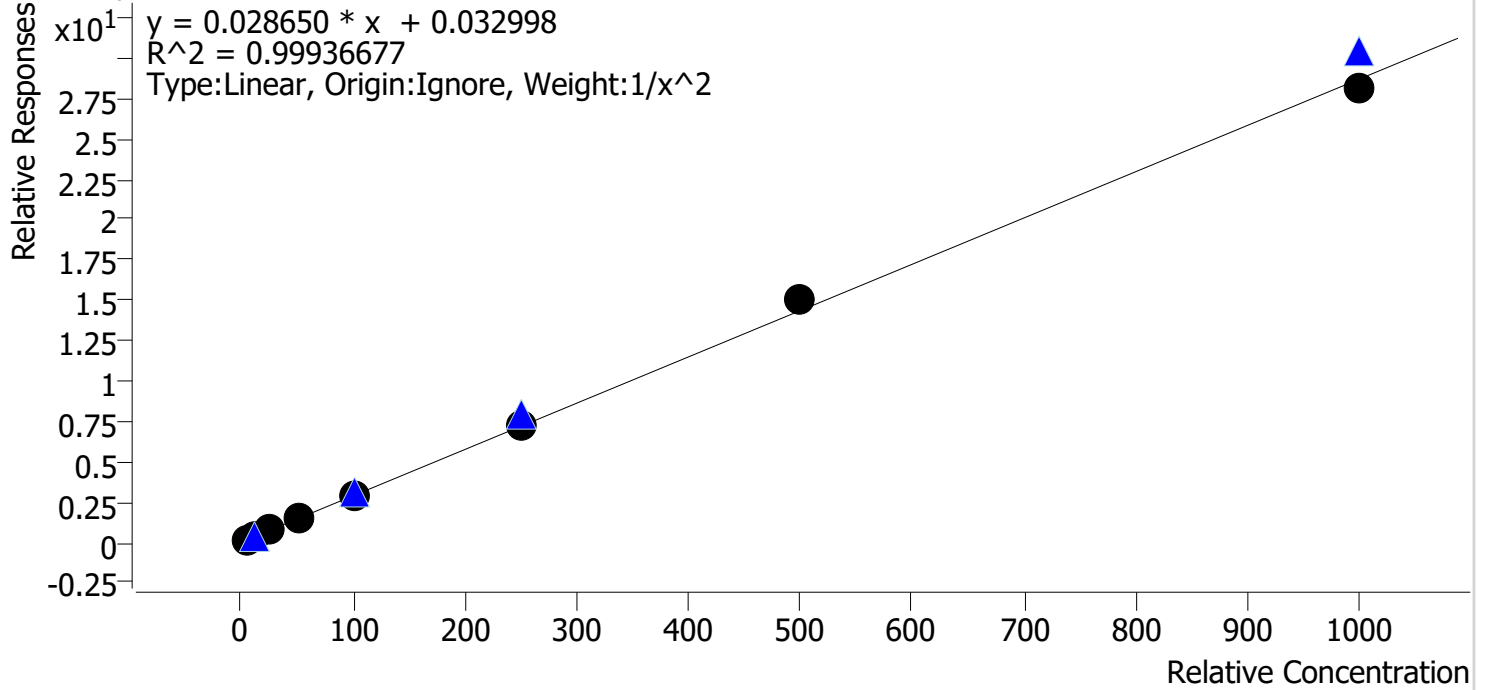
cal 1 and 2 dropped due to poor response and accuracy

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



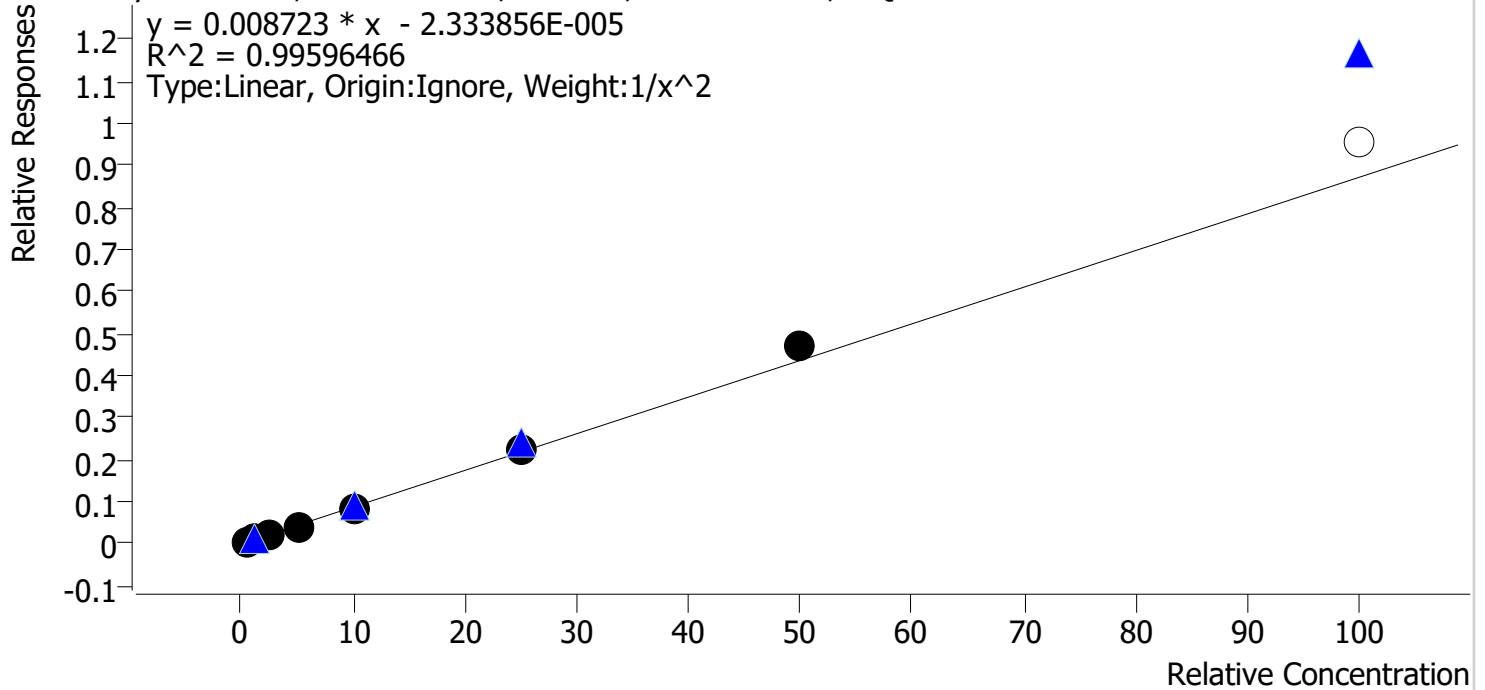
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	524.4	104.9
cal 8 mdq	8	✓	1000.0	981.2	98.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



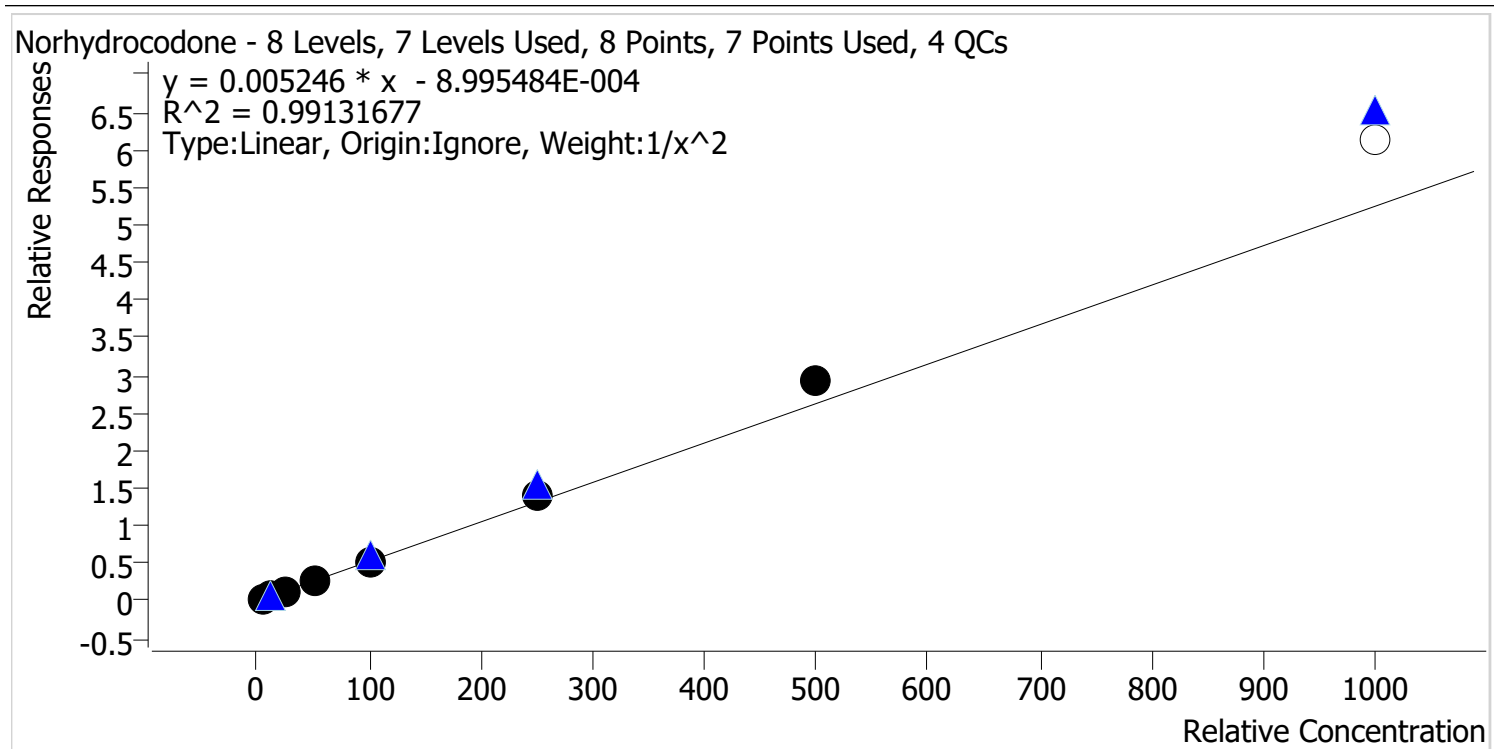
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	104.1
cal 2 mdq	2	✓	1.0	0.9	93.3
cal 3 mdq	3	✓	2.5	2.5	98.1
cal 4 mdq	4	✓	5.0	4.8	95.4
cal 5 mdq	5	✓	10.0	9.8	97.9
cal 6 mdq	6	✓	25.0	25.6	102.2
cal 7 mdq	7	✓	50.0	54.4	108.8
cal 8 mdq	8	x	100.0	109.8	109.8

cal 8 dropped due to ratio

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.1
cal 2 mdq	2	✓	10.0	9.2	92.2
cal 3 mdq	3	✓	25.0	22.8	91.4
cal 4 mdq	4	✓	50.0	46.6	93.2
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	263.8	105.5
cal 7 mdq	7	✓	500.0	556.2	111.2
cal 8 mdq	8	✗	1000.0	1170.7	117.1

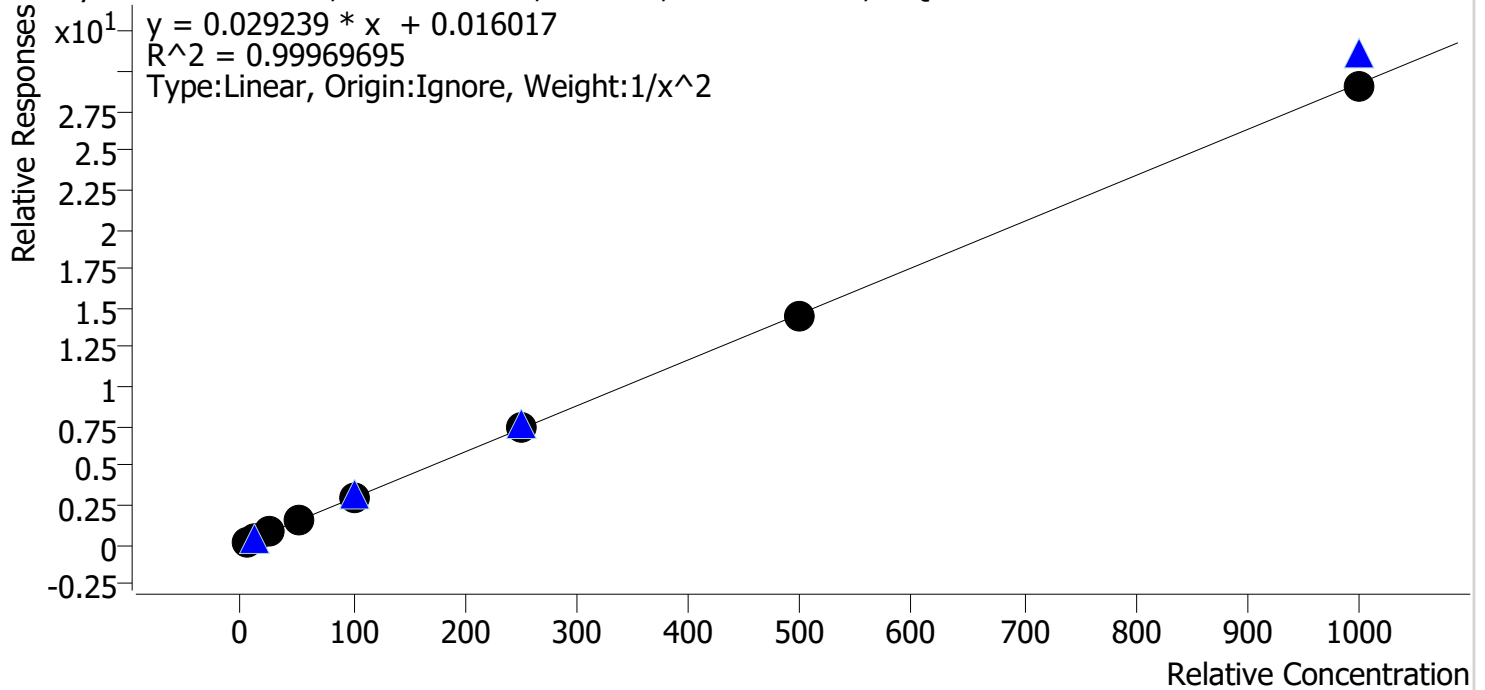
cal 8 dropped due to accuracy

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	25.4	101.6
cal 4 mdq	4	✓	50.0	49.0	98.0
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	256.6	102.6
cal 7 mdq	7	✓	500.0	495.1	99.0
cal 8 mdq	8	✓	1000.0	996.0	99.6

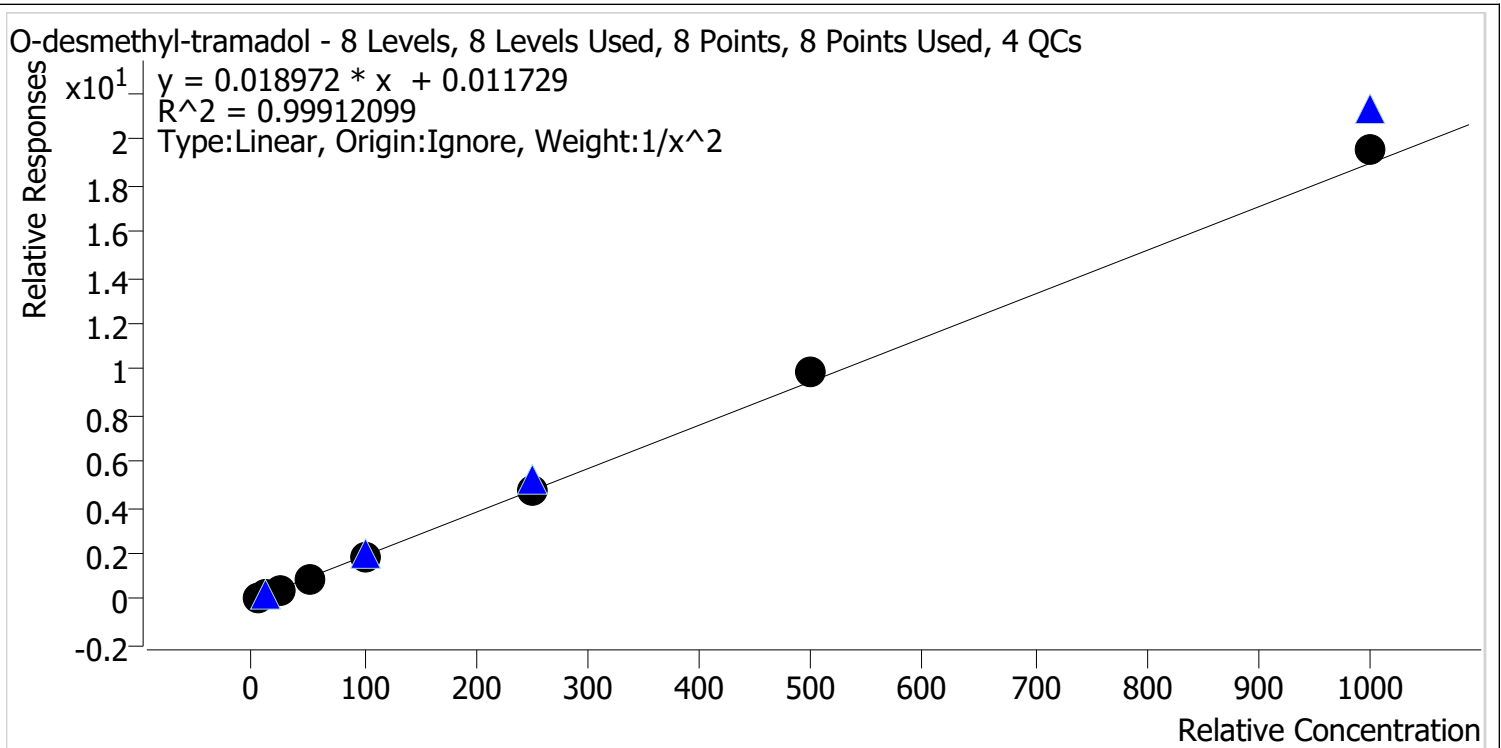
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol

Internal Standard

O-desmethyl-tramadol-D6

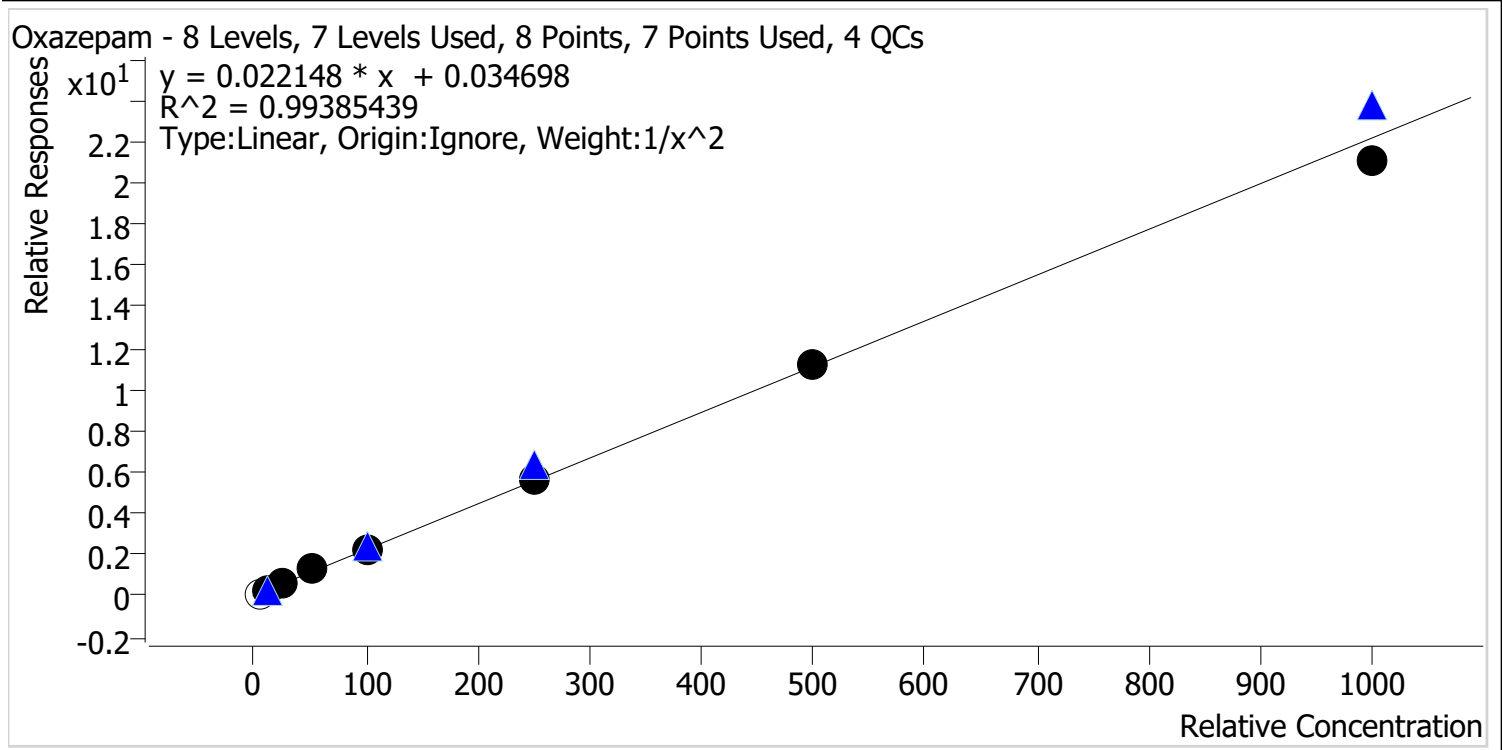


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.0	95.8
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	519.6	103.9
cal 8 mdq	8	✓	1000.0	1028.2	102.8

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	3.5	70.2
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	23.3	93.2
cal 4 mdq	4	✓	50.0	56.9	113.7
cal 5 mdq	5	✓	100.0	96.6	96.6
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	501.6	100.3
cal 8 mdq	8	✓	1000.0	949.2	94.9

cal 1 dropped due to poor response and ratio out of range

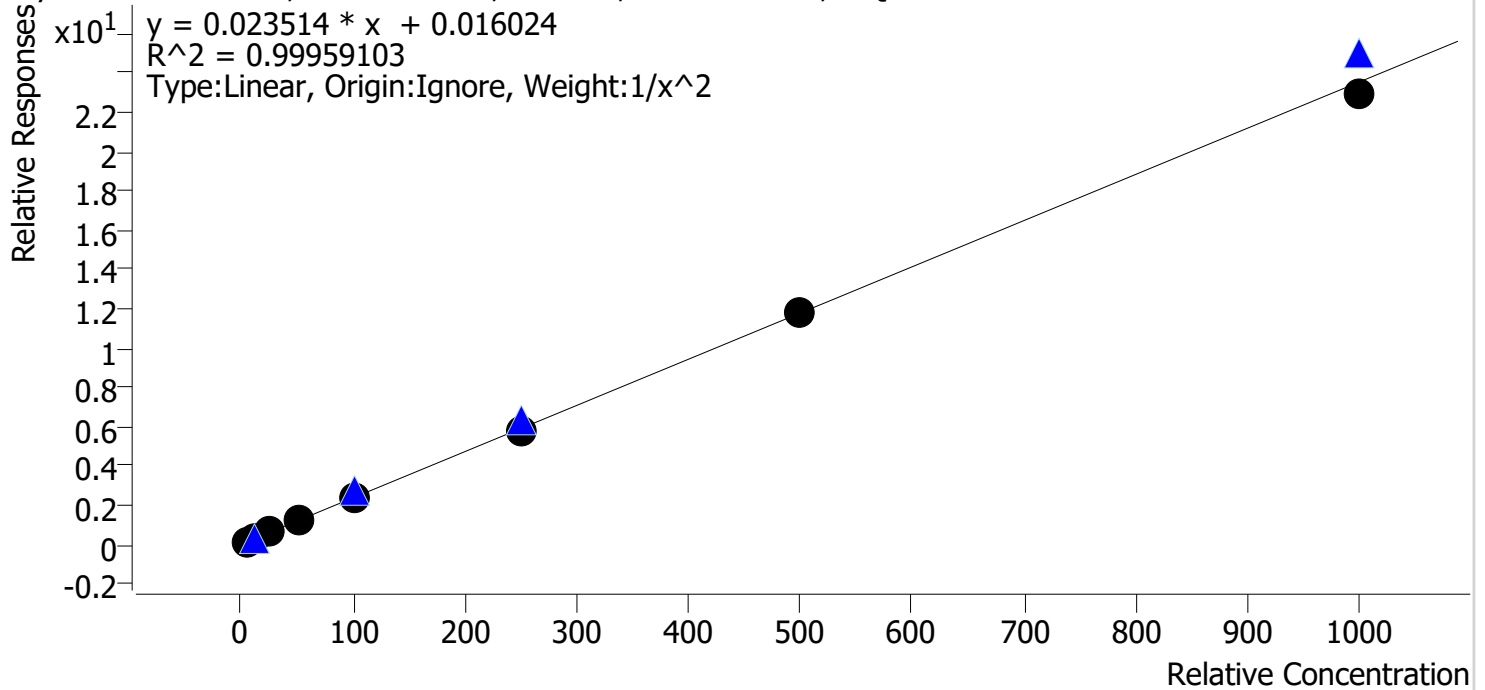
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Oxycodone

Internal Standard Oxycodone-D6

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

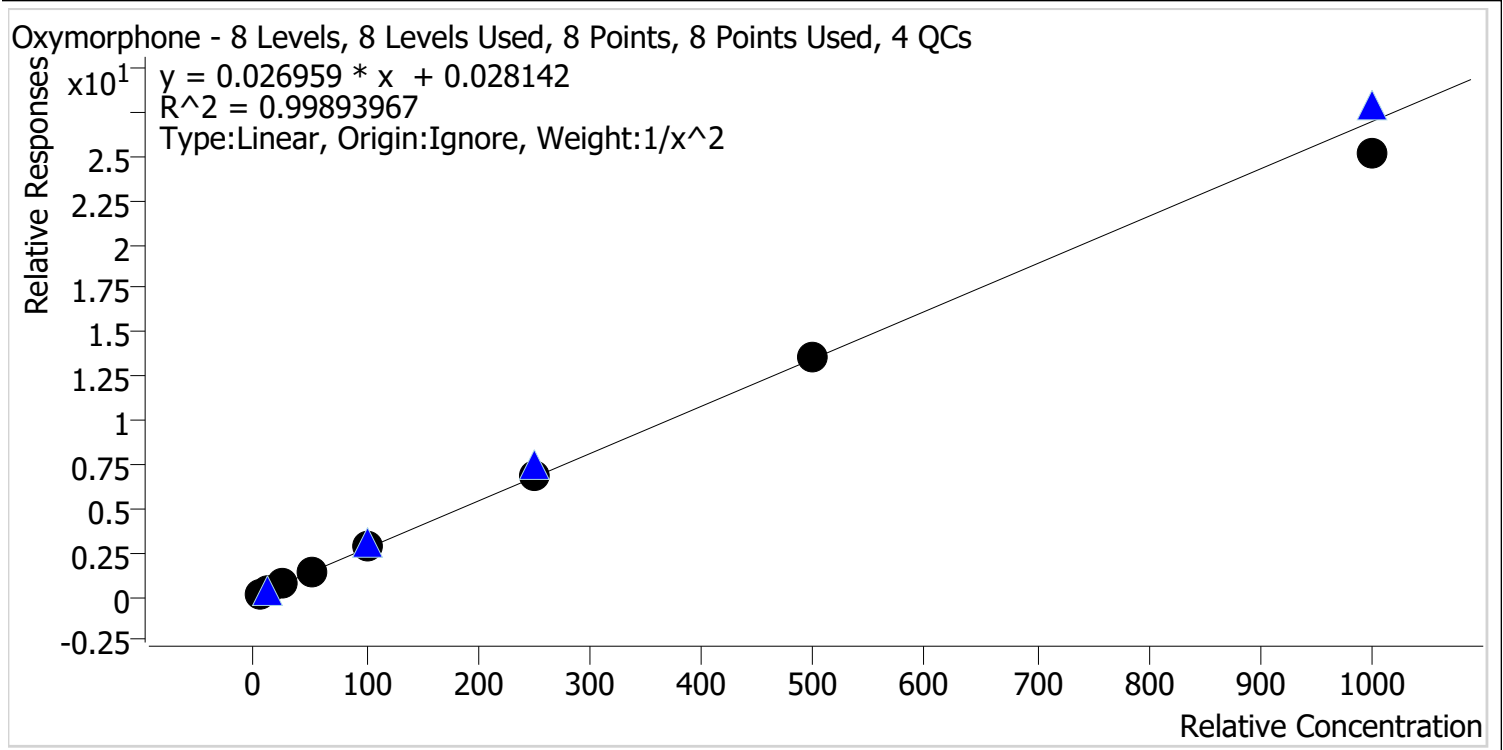


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.3	103.1
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	504.2	100.8
cal 8 mdq	8	✓	1000.0	975.1	97.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



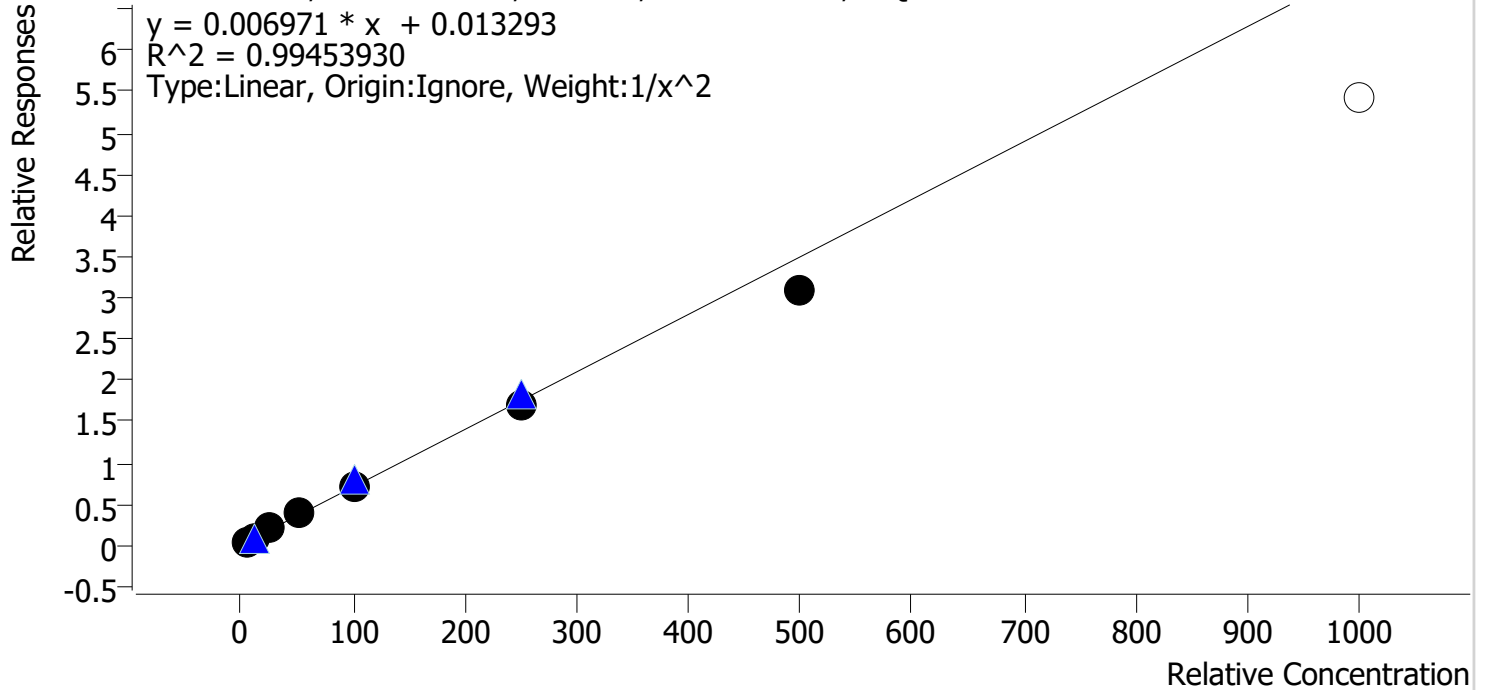
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	253.1	101.2
cal 7 mdq	7	✓	500.0	503.5	100.7
cal 8 mdq	8	✓	1000.0	935.5	93.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.0
cal 2 mdq	2	✓	10.0	10.5	104.9
cal 3 mdq	3	✓	25.0	26.3	105.2
cal 4 mdq	4	✓	50.0	52.8	105.7
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	243.8	97.5
cal 7 mdq	7	✓	500.0	443.9	88.8
cal 8 mdq	8	✗	1000.0	779.5	77.9

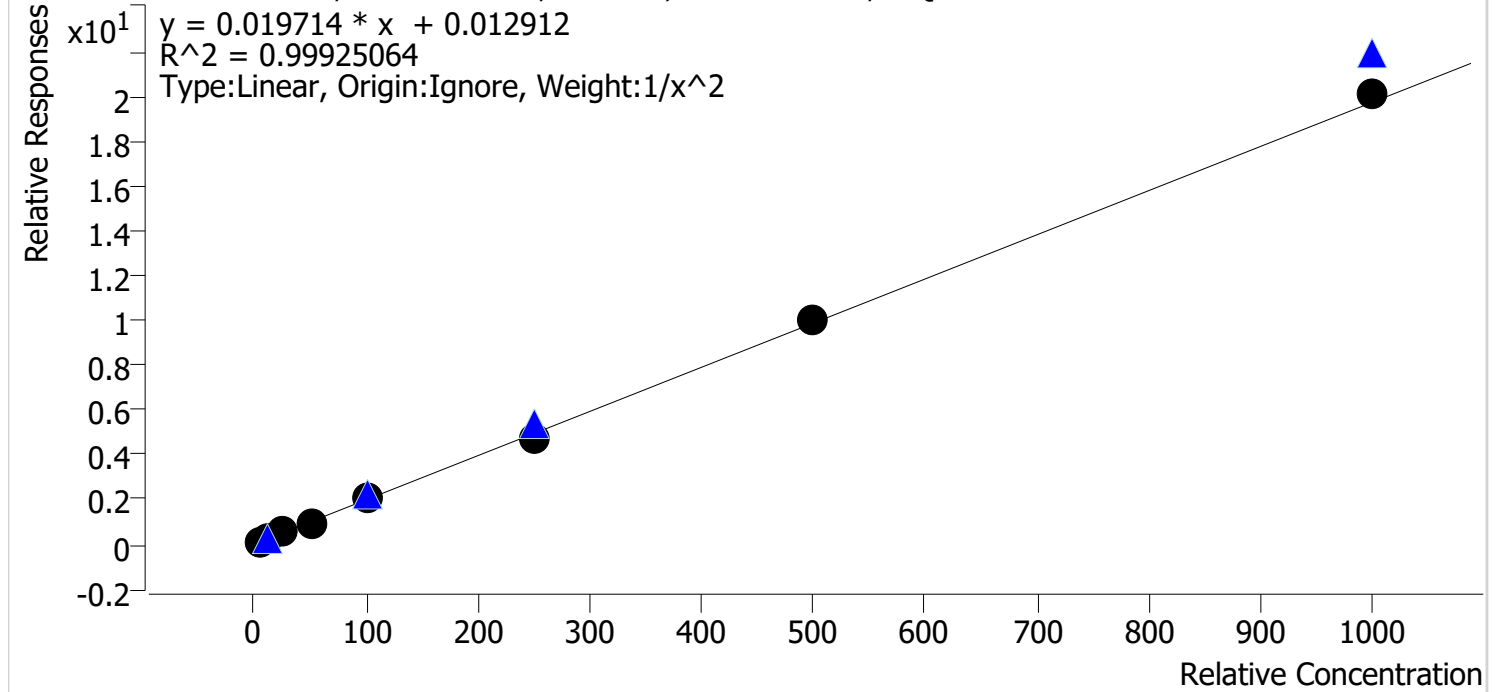
cal 8 dropped due to accuracy

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



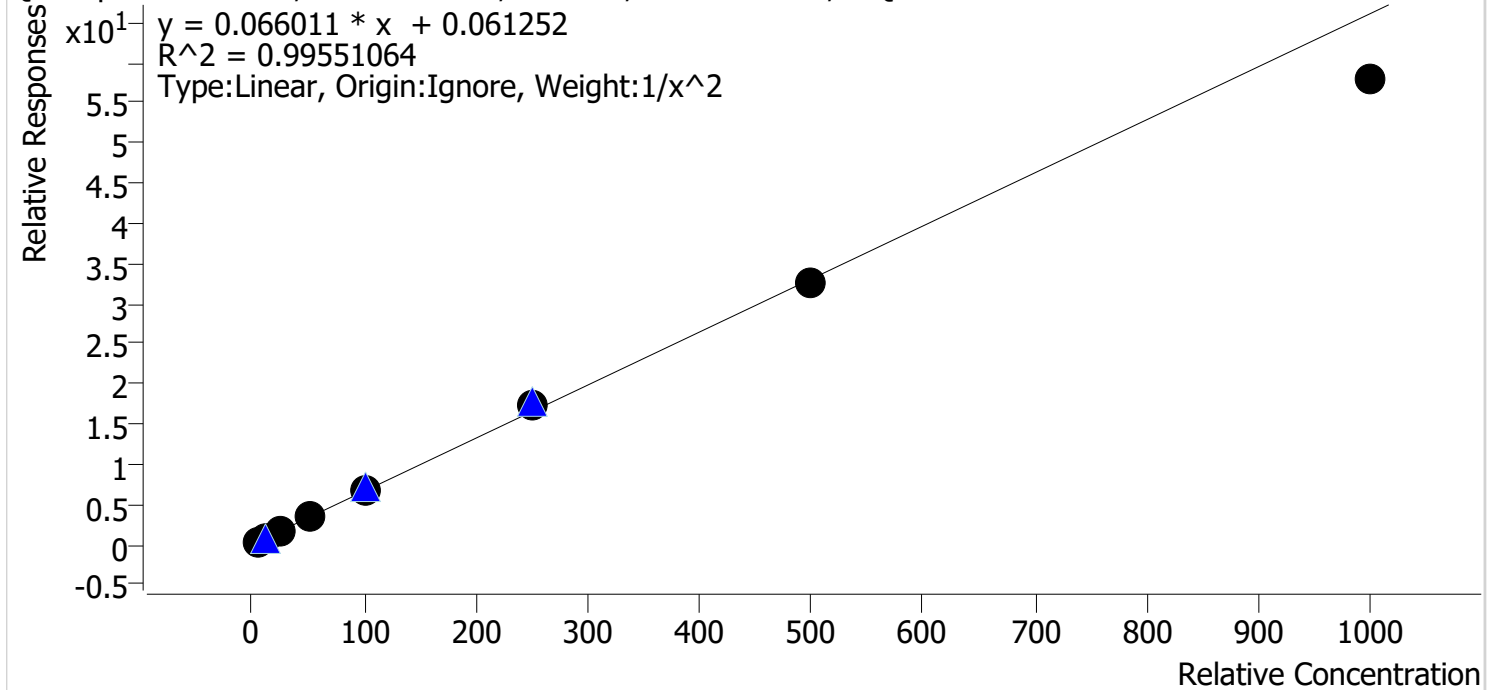
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	25.7	102.6
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	240.4	96.2
cal 7 mdq	7	✓	500.0	510.7	102.1
cal 8 mdq	8	✓	1000.0	1018.4	101.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



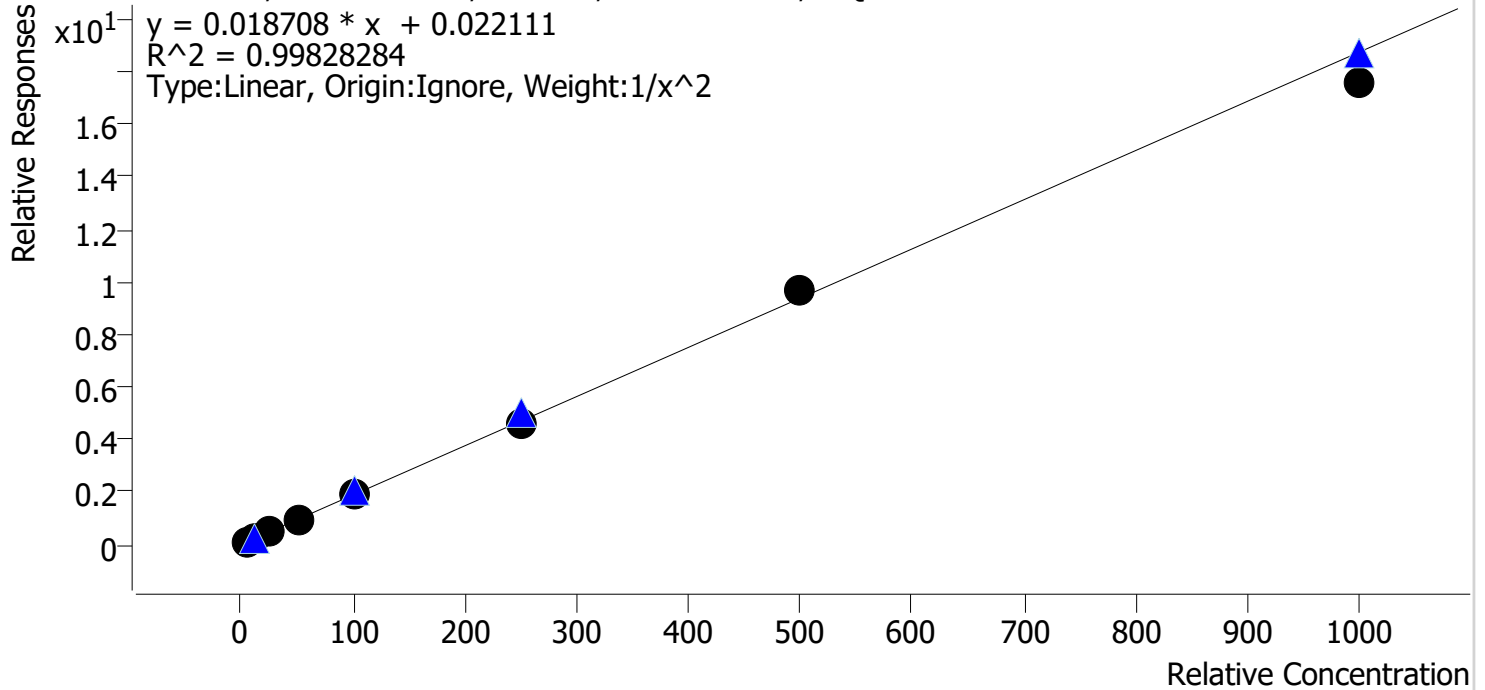
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.5
cal 2 mdq	2	✓	10.0	10.5	104.9
cal 3 mdq	3	✓	25.0	25.7	102.8
cal 4 mdq	4	✓	50.0	51.9	103.9
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	260.4	104.2
cal 7 mdq	7	✓	500.0	490.4	98.1
cal 8 mdq	8	✓	1000.0	876.1	87.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



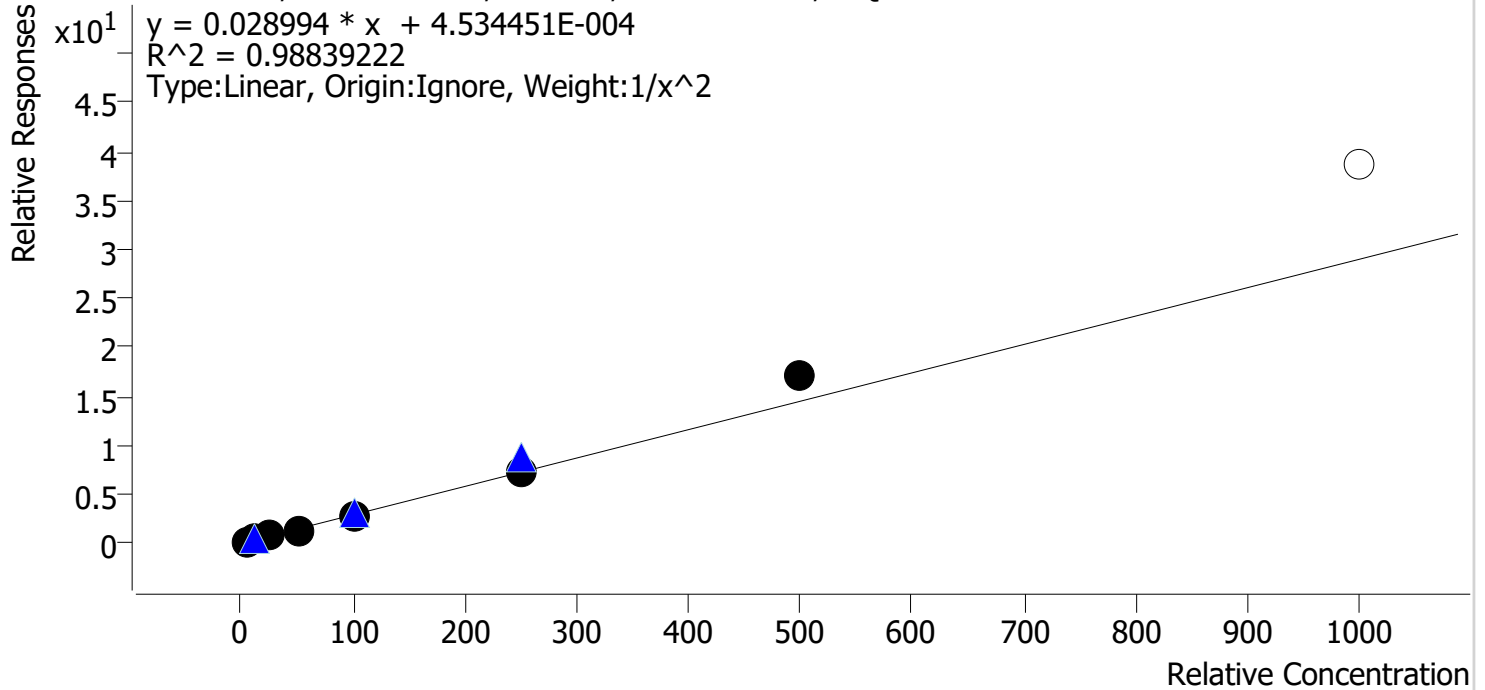
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	243.2	97.3
cal 7 mdq	7	✓	500.0	512.7	102.5
cal 8 mdq	8	✓	1000.0	936.4	93.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.2
cal 2 mdq	2	✓	10.0	9.6	96.2
cal 3 mdq	3	✓	25.0	22.9	91.5
cal 4 mdq	4	✓	50.0	47.4	94.9
cal 5 mdq	5	✓	100.0	94.5	94.5
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	592.5	118.5
cal 8 mdq	8	✗	1000.0	1337.4	133.7

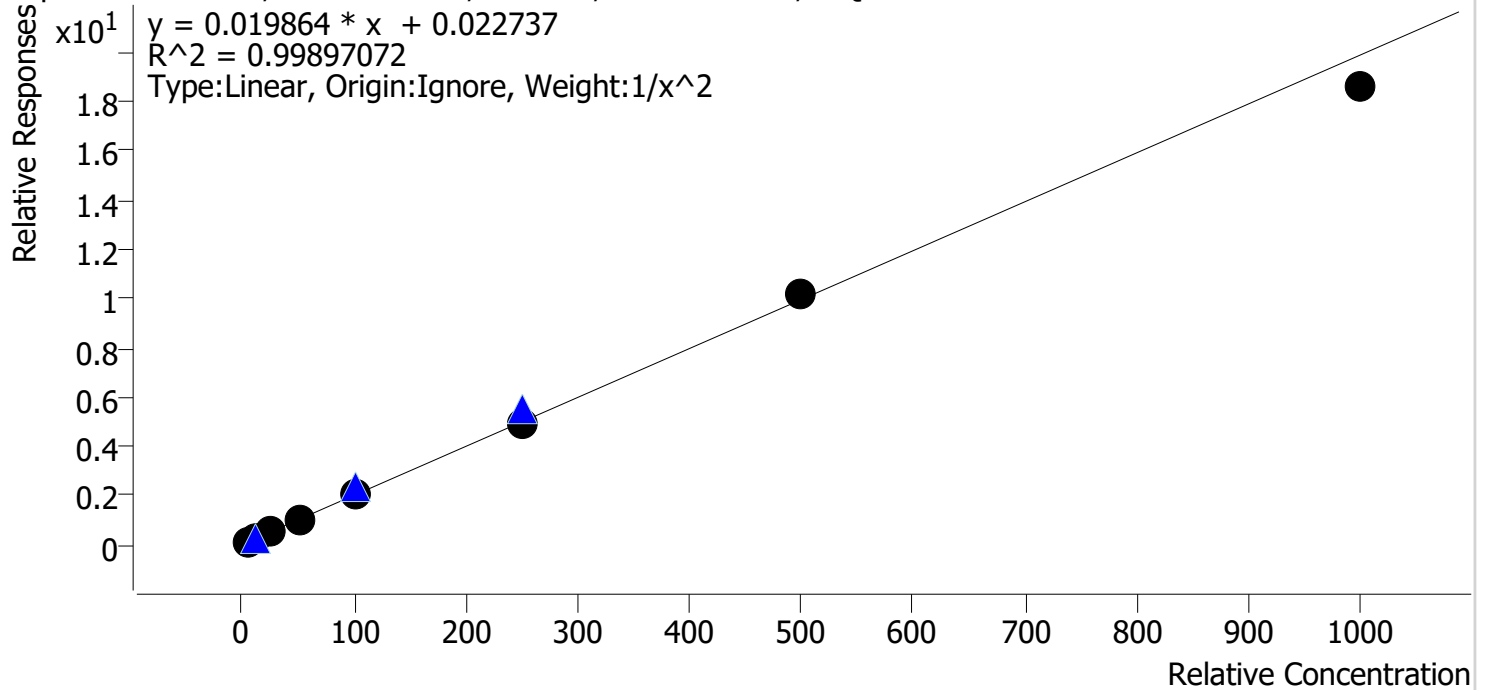
cal 8 dropped due to accuracy

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



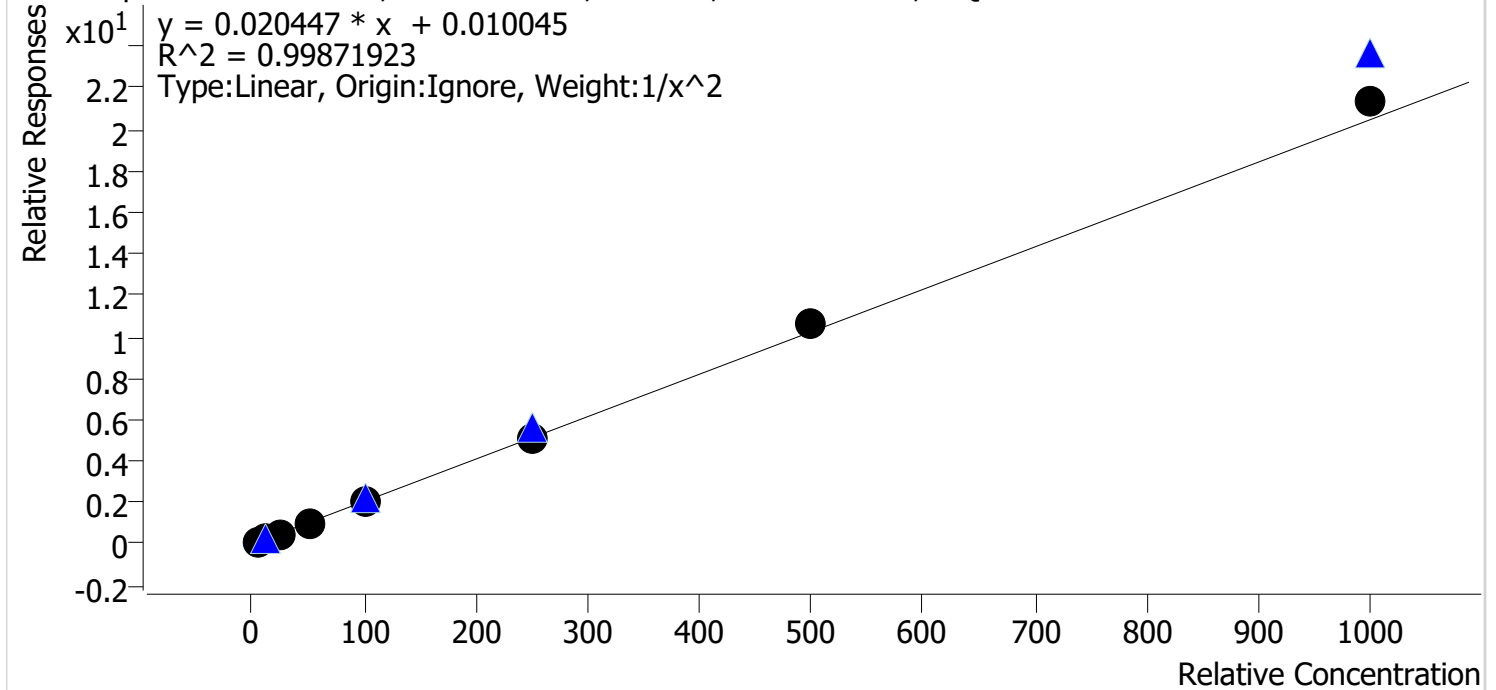
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	25.0	100.2
cal 4 mdq	4	✓	50.0	51.0	102.1
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	511.6	102.3
cal 8 mdq	8	✓	1000.0	937.8	93.8

Compound Calibration Report

Bylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



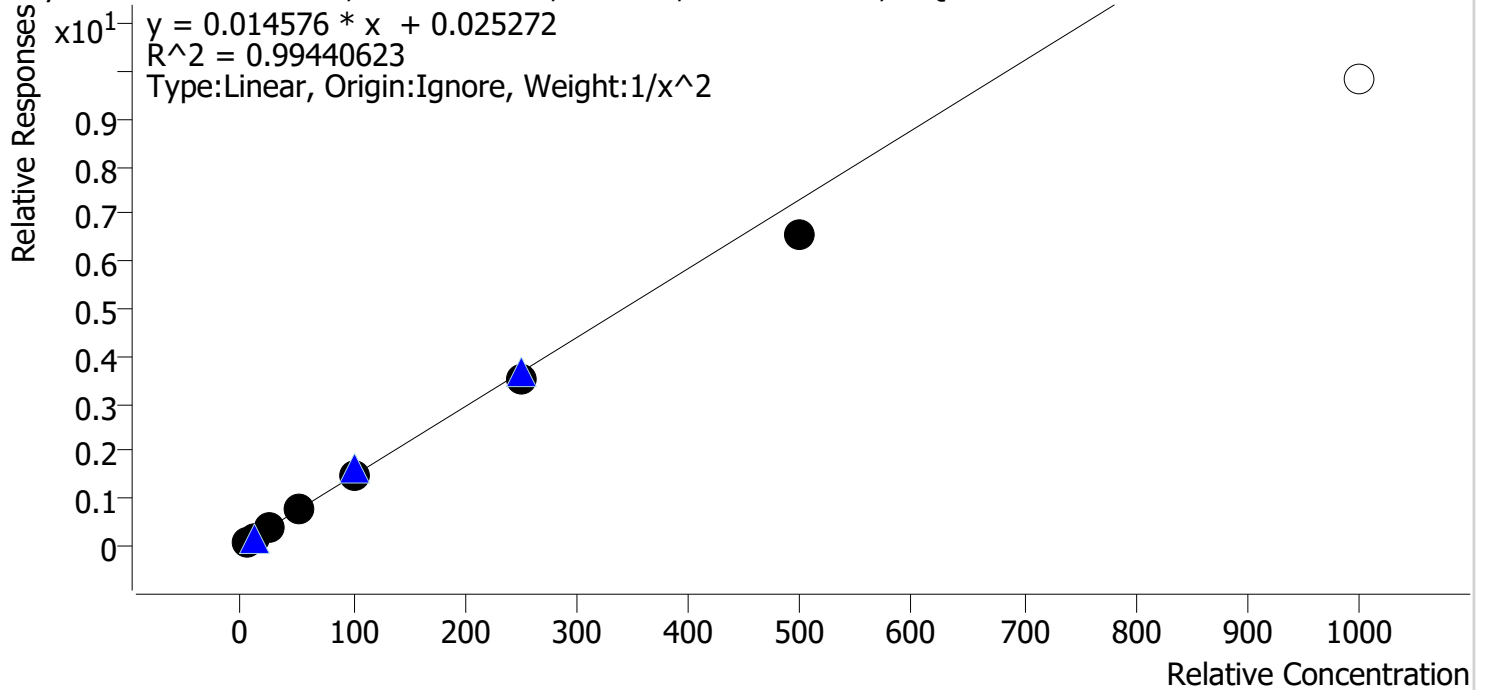
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	48.5	96.9
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	251.1	100.4
cal 7 mdq	7	✓	500.0	517.8	103.6
cal 8 mdq	8	✓	1000.0	1045.9	104.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Last Cal. Update 7/28/2021 2:15 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** **Dihydrocodeine-D6**

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.4
cal 2 mdq	2	✓	10.0	10.4	104.2
cal 3 mdq	3	✓	25.0	26.1	104.2
cal 4 mdq	4	✓	50.0	53.9	107.8
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	237.3	94.9
cal 7 mdq	7	✓	500.0	450.1	90.0
cal 8 mdq	8	✗	1000.0	675.7	67.6

cal 8 dropped due to accuracy

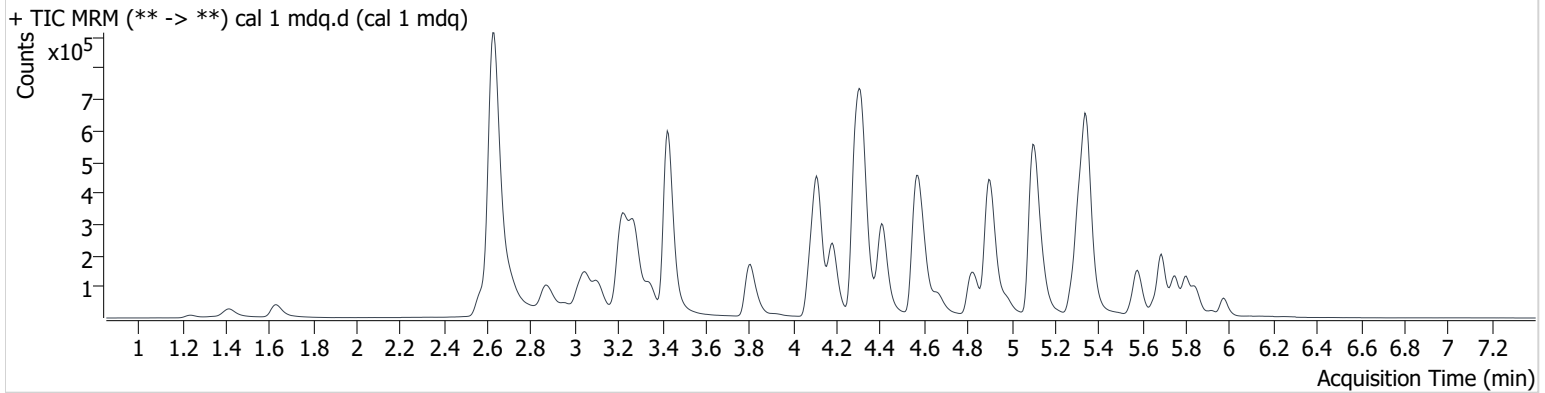
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	cal 1 mdq.d
Type	Cal	Sample	cal 1 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-A1	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 12:00:30 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	1555	∞	137.5	∞	75063	0.510 ng/ml
7-aminoclonazepam	4.328	12681	16617.3	79.3	∞	144887	4.893 ng/ml
a-hydroxyalprazolam	5.738	1738	2574.0	39.1 Low	418.8	205660	8.301 ng/ml
alpha-PHP	4.987	63373	197834.4	39.6	2452.7	452653	4.833 ng/ml
alpha-PVP	4.418	97784	7733.0	51.5	8493.2	733924	5.042 ng/ml
Alprazolam	5.806	32177	12892.5	88.5	9753.5	205660	4.980 ng/ml
Amphetamine	3.109	149404	10349.1	41.0	2671.9	366774	4.814 ng/ml
Benzoylcegonine	3.952	2022	33610.9	66.1	91.8	12586	5.164 ng/ml
Bupropion	4.841	59821	∞	65.3	2699.3	452653	4.999 ng/ml
Carisoprodol	5.762	23642	121093.1	57.8	377.8	178437	5.126 ng/ml
Citalopram	5.284	39675	3379.4	37.3	17941.2	315160	4.980 ng/ml
Clonazepam	5.655	3346	∞	40.1	2770.4	10727	5.145 ng/ml
Clonazolam	5.596	6755	19476.9	39.8	∞	10727	4.682 ng/ml
Cocaine	4.317	75080	∞	51.0	∞	1110804	4.999 ng/ml
Codeine	2.639	10505	∞	92.1	∞	86630	4.889 ng/ml
Cyclobenzaprine	5.662	17080	26708.3	6.8 Low	2057.1	101794	4.983 ng/ml
Dextromethorphan	5.323	25207	23123.5	77.5	45111.2	210034	5.052 ng/ml
Dextrophan	4.185	60262	1329036.7	44.9	∞	588381	4.987 ng/ml
Diazepam	5.979	12768	1195.8	84.8	∞	123091	4.878 ng/ml
Dihydrocodeine	2.608	28264	685.5	58.9	2136.5	295961	4.818 ng/ml
Diphenhydramine	5.350	135985	6103.6	31.3	41792.1	1276298	5.035 ng/ml
Doxylamine	4.587	216993	∞	81.2	409422.0	1519503	5.070 ng/ml
EDDP	5.317	83785	133091.9	43.5	∞	776059	5.060 ng/ml
Etizolam	5.841	19043	19282.4	22.3	7984.1	205660	4.921 ng/ml
Fentanyl	5.149	2191	6792.7	101.2 Low	1395.5	207020	0.633 ng/ml
Flualprazolam	5.738	13793	∞	89.5	∞	205660	4.944 ng/ml
Fluoxetine	5.739	8018	∞	8.0	680.3	55208	4.909 ng/ml
Hydrocodone	3.080	27401	∞	38.7	∞	281739	4.839 ng/ml
Hydromorphone	1.638	20950	∞	80.6	∞	129109	5.060 ng/ml
Ketamine	4.098	69494	∞	38.7	2491.9	615548	4.926 ng/ml
Lamotrigine	4.350	6131	1037.7	83.0	2437.6	377116	5.030 ng/ml
Levetiracetam	2.707	33209	1108.9	224.8	2655.7	3260211	6.489 ng/ml
Lorazepam	5.790	2287	1.5 Low	44.3	∞	21143	5.796 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
MDA	3.266	70416	∞	26.7	341.9	377116	4.830 ng/ml
MDMA	3.353	70349	171452.9	93.6	4881.3	132302	5.016 ng/ml
Meprobamate	4.977	7148	∞	34.4	1952.1	41144	4.927 ng/ml
Methadone	5.691	52161	60789.6	52.6	∞	417645	4.961 ng/ml
Methamphetamine	3.277	352592	∞	37.1	∞	996823	9.256 ng/ml
Metoprolol	4.380	20847	∞	96.0	∞	377116	4.520 ng/ml
Mirtazapine	4.665	93870	262715.3	49.7	139955.0	417645	4.452 ng/ml
Morphine	1.246	3895	∞	14.3	322.5	8825	4.956 ng/ml
Norbuprenorphine	5.060	108	∞	54.8 Low	278.8	7511	1.346 ng/ml
Nordiazepam	5.928	4389	8416.9	62.7	∞	24806	5.024 ng/ml
Norfentanyl	4.134	4880	522.6	39.9	503262.9	1080071	0.521 ng/ml
Norhydrocodone	3.126	2328	∞	21.0	4079.1	86475	5.303 ng/ml
Noroxycodone	2.977	17727	∞	45.2	∞	109684	4.980 ng/ml
O-desmethyl-tramadol	3.435	187933	583961.4	5.8	3271.7	1749993	5.042 ng/ml
Oxazepam	5.792	2378	110.5	89.5 High	∞	21143	3.511 ng/ml
Oxycodone	2.894	51398	∞	30.5	∞	390703	4.913 ng/ml
Oxymorphone	1.419	20019	∞	44.3	∞	123417	4.973 ng/ml
Phentermine	3.837	26680	372.8	9.1	130.0	570710	4.799 ng/ml
Promethazine	5.584	23241	229419692166 5.7	38.5	1442.1	207946	5.014 ng/ml
Pseudoephedrine	2.636	370762	4936.6	24.3	10584.1	3260211	5.071 ng/ml
Quetiapine	5.575	56019	∞	62.6	∞	147516	4.825 ng/ml
Temazepam	5.849	18647	3627.5	30.8	36.1	159111	5.051 ng/ml
Tramadol	4.298	179545	∞	3.3	192.2	1579782	4.893 ng/ml
Trazodone	5.149	40228	∞	75.9	∞	265478	5.211 ng/ml
Venlafaxine	5.104	116005	117915.0	38.8	1219.6	1439913	5.099 ng/ml
Zolpidem	4.917	163653	1082129.9	28.6	140594.0	1351986	4.949 ng/ml

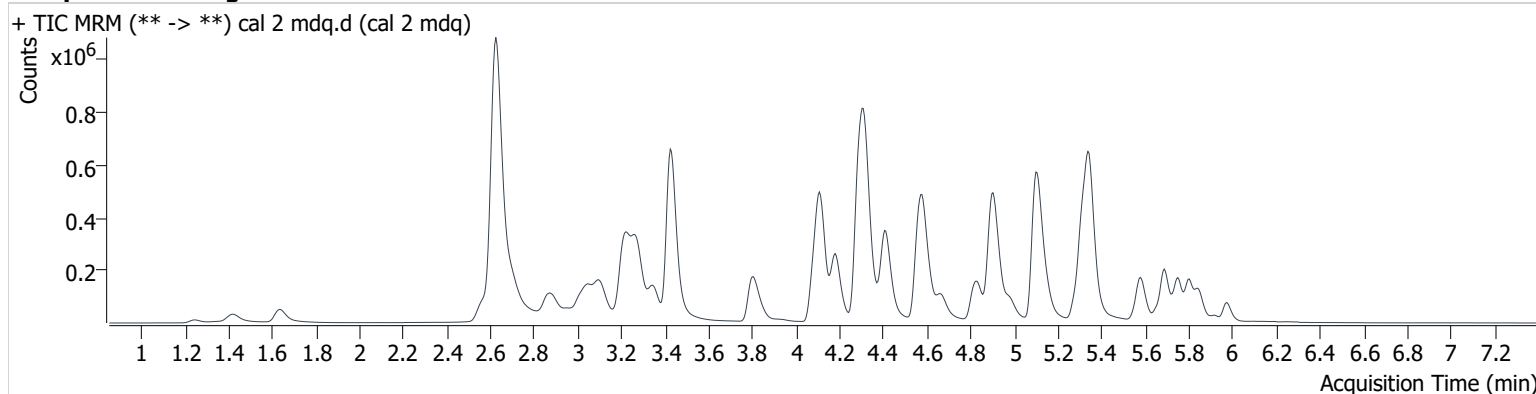
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-B1	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 12:09:33 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.201	2930	∞	134.6	5445.1	76307	0.993 ng/ml
7-aminoclonazepam	4.328	26077	∞	72.3	80163.3	148901	10.311 ng/ml
a-hydroxyalprazolam	5.738	2843	371.5	64.1	414.9	216380	11.285 ng/ml
alpha-PHP	4.987	109120	223062.5	39.6	1495.1	425600	10.480 ng/ml
alpha-PVP	4.418	186183	185501.8	52.0	∞	746319	9.977 ng/ml
Alprazolam	5.806	65726	∞	88.8	1268.8	216380	10.078 ng/ml
Amphetamine	3.103	253650	∞	40.9	3156.8	380507	10.104 ng/ml
Benzoyllecgonine	3.947	3605	∞	58.2	264.6	12892	9.528 ng/ml
Buprenorphine	5.747	1123	3007.4	9.2 Low	135.7	28095	0.605 ng/ml
Bupropion	4.841	104663	∞	65.8	25355.1	425600	10.075 ng/ml
Carisoprodol	5.757	48794	59419.5	61.4	1254.4	203443	9.643 ng/ml
Citalopram	5.284	62707	1322.7	40.0	∞	260486	10.213 ng/ml
Clonazepam	5.655	5817	∞	30.9	2308.0	11144	9.187 ng/ml
Clonazepam	5.596	14696	44120.6	42.2	22655.7	11144	10.726 ng/ml
Cocaine	4.317	144712	∞	50.5	608649.8	1139466	10.071 ng/ml
Codeine	2.634	19563	116638.2	95.9	31281.7	90812	10.091 ng/ml
Cyclobenzaprine	5.662	27265	25962.3	8.9	3267.3	87681	10.112 ng/ml
Dextromethorphan	5.323	40419	42218.1	78.5	9287.5	188234	9.949 ng/ml
Dextrophan	4.185	113030	∞	44.5	1132417.3	577963	10.164 ng/ml
Diazepam	5.979	27731	1855.6	86.3	4834.9	133462	10.533 ng/ml
Dihydrocodeine	2.602	54894	4648.3	59.5	28723.4	309943	10.417 ng/ml
Diphenhydramine	5.350	224022	19972.7	29.1	4909.7	1091894	10.120 ng/ml
Doxylamine	4.587	360498	399643.0	83.1	1025036.3	1393023	9.795 ng/ml
EDDP	5.317	149237	1545701.4	42.5	∞	761148	9.791 ng/ml
Etizolam	5.846	40300	∞	22.2	∞	216380	10.411 ng/ml
Fentanyl	5.149	3138	20967.3	141.2	40012.5	176449	1.008 ng/ml
Flualprazolam	5.743	27800	∞	95.6	∞	216380	10.134 ng/ml
Fluoxetine	5.744	15051	4027.7	8.6	2985.6	53916	10.345 ng/ml
Hydrocodone	3.074	55777	∞	37.2	∞	289387	10.501 ng/ml
Hydromorphone	1.643	40772	∞	72.2	∞	131335	10.151 ng/ml
Ketamine	4.098	137716	92199.6	38.0	1517.1	651758	10.270 ng/ml
Lamotrigine	4.350	11832	∞	83.5	40542.4	376610	9.755 ng/ml
Levetiracetam	2.702	63626	1026.9	219.2	3048.1	3365093	10.444 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.785	3925	∞	43.7	20.1	22445	9.666 ng/ml
MDA	3.261	130690	7689.6	27.1	723.3	376610	10.349 ng/ml
MDMA	3.353	128813	2357084.7	94.0	5779.2	131896	9.998 ng/ml
Meprobamate	4.977	14262	25904.7	32.6	∞	45045	10.081 ng/ml
Methadone	5.691	88472	9357.1	51.4	∞	368044	10.349 ng/ml
Methamphetamine	3.277	332164	10313.7	38.6	6150.2	1025664	7.516 ng/ml
Metoprolol	4.380	39005	∞	94.7	∞	376610	9.567 ng/ml
Mirtazapine	4.665	153546	353531.7	48.5	70246.8	368044	9.786 ng/ml
Morphine	1.251	7124	∞	16.7	∞	8881	9.812 ng/ml
Nordiazepam	5.928	8962	141068.6	60.2	16037.6	28160	9.956 ng/ml
Norfentanyl	4.140	9100	608.2	42.6	43901.5	1120930	0.933 ng/ml
Norhydrocodone	3.126	4306	∞	23.7	∞	90702	9.220 ng/ml
Noroxycodone	2.977	35328	∞	46.3	∞	113914	10.059 ng/ml
O-desmethyl-tramadol	3.429	360808	380190.7	5.7	4348.3	1785983	10.030 ng/ml
Oxazepam	5.792	5765	∞	68.3	120.7	22445	10.031 ng/ml
Oxycodone	2.894	102351	∞	29.5	∞	396106	10.307 ng/ml
Oxymorphone	1.424	36355	∞	44.3	∞	121766	10.031 ng/ml
Phentermine	3.837	50298	579.8	9.5	∞	581824	10.495 ng/ml
Promethazine	5.584	37968	∞	35.9	1835.8	182574	9.894 ng/ml
Pseudoephedrine	2.636	718494	∞	24.4	∞	3365093	9.951 ng/ml
Quetiapine	5.575	100956	1743050.6	62.3	260859.9	133970	10.488 ng/ml
Temazepam	5.854	37654	774.5	27.6	156.6	175105	9.891 ng/ml
Tramadol	4.303	340386	217551.1	3.5	712.0	1578901	10.342 ng/ml
Trazodone	5.149	65556	106433.4	77.0	∞	234724	9.617 ng/ml
Venlafaxine	5.104	211599	885919.7	38.2	11510.4	1392724	9.865 ng/ml
Zolpidem	4.917	307628	2473697.8	28.9	127144.3	1372181	10.142 ng/ml

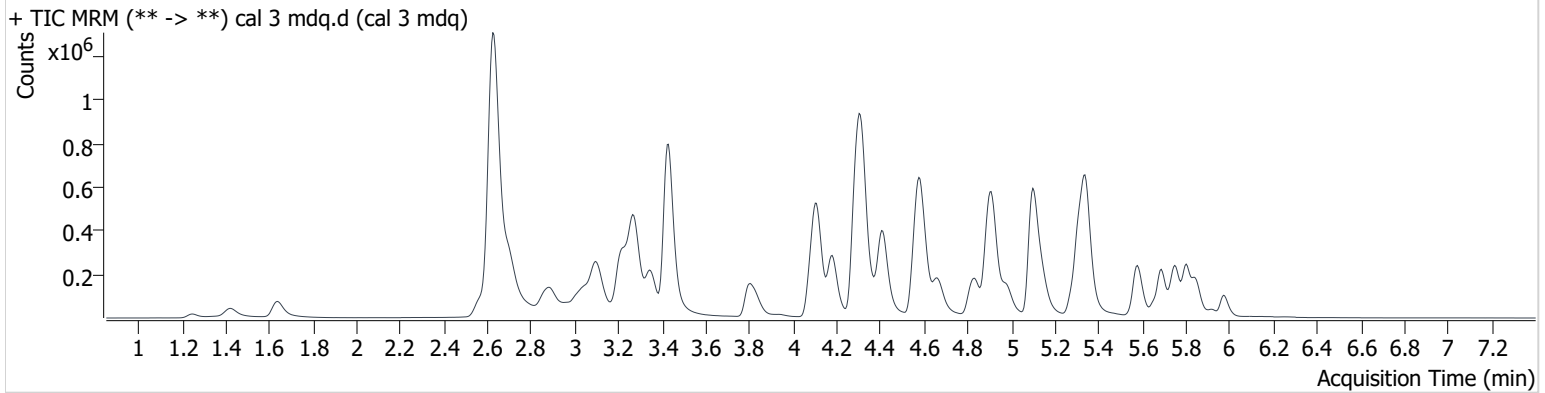
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	cal 3 mdq.d
Type	Cal	Sample	cal 3 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-C1	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 12:18:34 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.201	6340	∞	149.4	∞	73036	2.317 ng/ml
7-aminoclonazepam	4.323	59511	635900.3	71.5	∞	141501	25.487 ng/ml
a-hydroxyalprazolam	5.738	7044	1196.8	52.1	2308.0	206865	24.591 ng/ml
alpha-PHP	4.981	195947	98207.5	41.1	3603.9	356985	24.673 ng/ml
alpha-PVP	4.418	360002	187816.5	51.7	12330.7	610387	24.427 ng/ml
Alprazolam	5.806	150506	1918.5	87.7	677065821 73946.1	206865	24.747 ng/ml
Amphetamine	3.103	491108	35612.0	40.7	6458.8	327330	27.115 ng/ml
Benzoylcegonine	3.947	9001	∞	52.4	888.5	12901	24.864 ng/ml
Buprenorphine	5.741	1625	4216.6	13.2	756490029 991.7	20766	2.439 ng/ml
Bupropion	4.841	202721	∞	65.6	8142.1	356985	24.442 ng/ml
Carisoprodol	5.762	119358	164199.4	58.3	3354.4	203115	24.278 ng/ml
Citalopram	5.284	118506	2292.6	39.6	56418.5	213684	24.514 ng/ml
Clonazepam	5.655	14785	∞	33.4	9553.8	10592	26.005 ng/ml
Clonazolam	5.596	33827	297624.6	41.0	40392.9	10592	27.174 ng/ml
Cocaine	4.317	304856	254516.8	51.1	∞	1021956	24.697 ng/ml
Codeine	2.634	43450	∞	92.1	∞	84663	26.542 ng/ml
Cyclobenzaprine	5.662	56845	86511.6	8.9	5777.7	79463	24.598 ng/ml
Dextromethorphan	5.323	71957	171696.7	78.9	133847.8	147712	24.035 ng/ml
Dextrorphan	4.180	219802	1238053.9	46.1	176311.1	486963	24.382 ng/ml
Diazepam	5.979	62713	3043.5	86.1	∞	134491	24.581 ng/ml
Dihydrocodeine	2.602	121745	2968.9	57.1	160.9	300531	26.059 ng/ml
Diphenhydramine	5.344	393425	21945.6	30.6	696446.5	831712	23.932 ng/ml
Doxylamine	4.587	786415	67663.2	82.5	987322.3	1266196	24.554 ng/ml
EDDP	5.312	290289	215349.0	44.0	186789.1	602573	25.135 ng/ml
Etizolam	5.841	88205	∞	22.5	32330.6	206865	24.487 ng/ml
Fentanyl	5.144	6780	∞	113.5	6139.3	142055	2.567 ng/ml
Flualprazolam	5.738	63744	∞	97.3	∞	206865	25.319 ng/ml
Fluoxetine	5.739	42871	176193.8	7.0	4049.4	67063	24.961 ng/ml
Hydrocodone	3.080	122742	∞	37.4	∞	276806	25.368 ng/ml
Hydromorphone	1.643	95081	∞	74.6	∞	139071	22.974 ng/ml
Ketamine	4.098	285369	503772.0	38.8	14587.5	594025	24.883 ng/ml
Lamotrigine	4.345	26029	5703.1	84.6	∞	312996	25.879 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.702	150684	15080.4	221.9	6156.1	3188030	23.305 ng/ml
Lorazepam	5.780	9595	∞	45.6	55.6	22946	23.791 ng/ml
MDA	3.261	254621	7970.5	25.8	2567.4	312996	26.412 ng/ml
MDMA	3.353	256545	1373512.9	93.4	10532.1	112838	24.521 ng/ml
Meprobamate	4.977	32454	71792.4	29.5	2265.4	43379	25.644 ng/ml
Methadone	5.691	158457	36945.8	54.0	122526819 14567.2	292746	24.385 ng/ml
Methamphetamine	3.277	543826	∞	41.5	6503.8	909407	23.487 ng/ml
Metoprolol	4.380	76766	∞	98.2	∞	312996	24.377 ng/ml
Mirtazapine	4.665	282704	2094807.1	49.2	334897.9	292746	24.991 ng/ml
Morphine	1.251	16755	∞	16.3	∞	7965	27.322 ng/ml
Norbuprenorphine	5.055	309	718.8	107.2	1352.0	5106	4.312 ng/ml
Nordiazepam	5.928	20700	256077.4	59.2	39799.0	27735	24.900 ng/ml
Norfentanyl	4.134	22610	2301.6	38.4	90283.0	1057537	2.454 ng/ml
Norhydrocodone	3.126	10106	∞	25.6	∞	84956	22.846 ng/ml
Noroxycodone	2.972	78141	∞	44.5	∞	103015	25.395 ng/ml
O-desmethyl-tramadol	3.435	810531	403057.1	6.1	6152.0	1738591	23.954 ng/ml
Oxazepam	5.792	12639	505.1	70.1	208.1	22946	23.304 ng/ml
Oxycodone	2.894	228402	∞	29.0	∞	373696	25.311 ng/ml
Oxymorphone	1.424	78232	∞	43.6	∞	111426	25.000 ng/ml
Phentermine	3.837	97805	3226.0	8.4	2035.2	497463	26.297 ng/ml
Promethazine	5.584	83498	895748.3	37.0	1322.1	160942	25.662 ng/ml
Pseudoephedrine	2.636	1595981	32999.7	24.2	26710.3	3188030	23.992 ng/ml
Quetiapine	5.570	203603	∞	60.8	∞	115780	25.712 ng/ml
Temazepam	5.854	88514	9176.0	28.1	361.9	170024	25.008 ng/ml
Tramadol	4.298	704406	∞	3.3	2303.7	1437812	25.006 ng/ml
Trazodone	5.149	137298	∞	79.7	∞	206846	22.877 ng/ml
Venlafaxine	5.099	421886	2079698.7	38.0	3512.0	1169271	23.813 ng/ml
Zolpidem	4.917	676509	1136627.5	29.6	254258.1	1300387	25.045 ng/ml

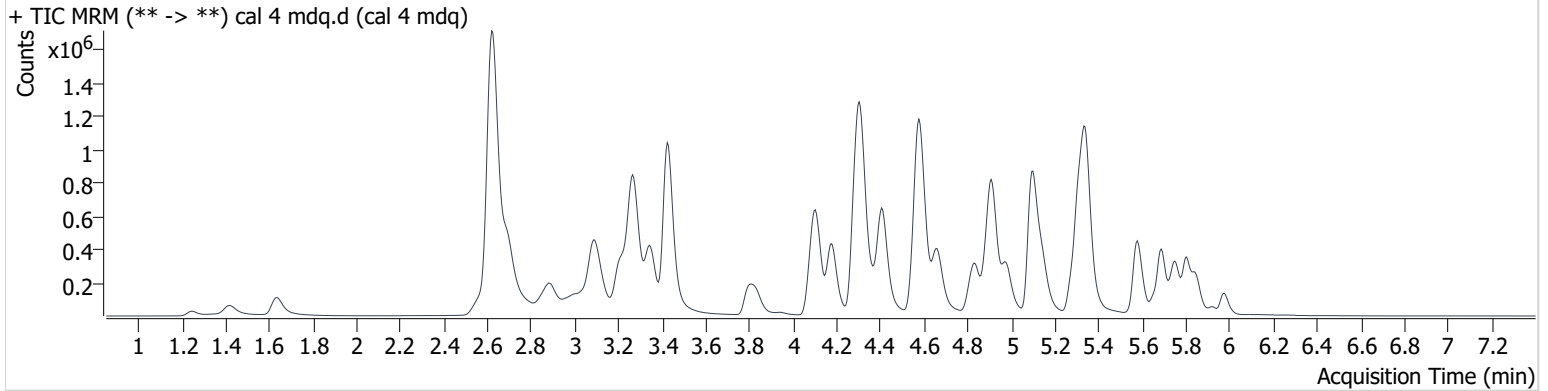
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	cal 4 mdq.d
Type	Cal	Sample	cal 4 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-D1	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 12:27:35 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	12588	∞	144.5	∞	70067	4.855 ng/ml
7-aminoclonazepam	4.323	105000	375617.2	71.7	445621.7	124613	51.583 ng/ml
a-hydroxyalprazolam	5.738	13489	851.7	51.4	380.3	187477	48.707 ng/ml
alpha-PHP	4.981	501428	∞	40.6	60371.8	416848	56.407 ng/ml
alpha-PVP	4.413	797210	68574.6	52.4	16561.4	681870	49.027 ng/ml
Alprazolam	5.806	275027	3967.5	87.5	∞	187477	50.340 ng/ml
Amphetamine	3.093	1043666	∞	38.8	17899.9	346057	58.036 ng/ml
Benzoylcegonine	3.947	16409	151601.7	53.3	997.6	11767	50.418 ng/ml
Buprenorphine	5.747	3376	4955.2	17.3	1208.4	25371	5.067 ng/ml
Bupropion	4.836	481913	3478689.8	66.1	27018.4	416848	50.690 ng/ml
Carisoprodol	5.762	197322	365303.4	58.4	9112.1	168173	48.924 ng/ml
Citalopram	5.279	297759	24323.4	39.7	248480.9	274575	48.657 ng/ml
Clonazepam	5.655	26090	35374.1	33.7	29310.0	9707	50.862 ng/ml
Clonazepam	5.596	62431	4974489.6	39.0	73070.6	9707	55.575 ng/ml
Cocaine	4.312	607458	∞	51.7	55923.1	1030654	49.549 ng/ml
Codeine	2.623	80055	∞	90.9	202098.7	80244	53.306 ng/ml
Cyclobenzaprine	5.662	137143	162663.9	9.4	31896.5	98310	48.944 ng/ml
Dextromethorphan	5.318	191052	469153.9	74.3	3418615.7	193189	49.981 ng/ml
Dextrophan	4.180	506129	∞	44.6	1358815.9	557809	49.726 ng/ml
Diazepam	5.979	116186	∞	85.3	7742.3	122229	50.898 ng/ml
Dihydrocodeine	2.587	236157	5094.4	59.4	2749.7	291174	53.911 ng/ml
Diphenhydramine	5.344	1019681	61705.8	30.9	98697.2	1076014	48.403 ng/ml
Doxylamine	4.582	1808460	∞	83.0	∞	1454042	49.919 ng/ml
EDDP	5.312	705901	303942.2	41.7	497828.0	763658	48.906 ng/ml
Etizolam	5.841	159518	2490696.1	22.1	26040.1	187477	49.368 ng/ml
Fentanyl	5.144	15736	∞	126.4	44324.3	179861	4.637 ng/ml
Flualprazolam	5.738	109799	627639.2	98.0	∞	187477	48.773 ng/ml
Fluoxetine	5.739	86741	∞	7.1	14328.5	68830	50.163 ng/ml
Hydrocodone	3.074	247954	∞	36.2	∞	276310	52.290 ng/ml
Hydromorphone	1.638	180357	∞	78.8	∞	131239	46.700 ng/ml
Ketamine	4.093	566966	∞	38.8	8101.5	592315	50.776 ng/ml
Lamotrigine	4.345	48096	∞	85.0	7882.5	327922	45.669 ng/ml
Levetiracetam	2.697	268605	14011.6	226.7	98903.7	3012703	42.304 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.785	16734	∞	48.6	236.3	18605	51.733 ng/ml
MDA	3.256	518813	31282.1	26.4	4524.0	327922	52.880 ng/ml
MDMA	3.348	579908	∞	91.0	20499.2	125909	50.637 ng/ml
Meprobamate	4.972	60652	122947.5	30.0	11861.3	41422	51.470 ng/ml
Methadone	5.691	402628	6825.5	54.7	4775.5	381691	48.342 ng/ml
Methamphetamine	3.272	1171153	22882.5	39.1	17046.4	998191	56.999 ng/ml
Metoprolol	4.375	164989	2727245.5	97.8	∞	327922	51.329 ng/ml
Mirtazapine	4.660	701635	71181.7	50.4	140852.9	381691	49.179 ng/ml
Morphine	1.246	30908	∞	18.3	∞	8170	49.920 ng/ml
Norbuprenorphine	5.045	515	2798.5	94.6	2534.8	6915	5.214 ng/ml
Nordiazepam	5.928	38287	∞	63.6	76683.7	26498	49.282 ng/ml
Norfentanyl	4.134	43740	6388.2	38.6	193313.0	1052059	4.769 ng/ml
Norhydrocodone	3.121	22226	∞	26.0	∞	91277	46.585 ng/ml
Noroxycodone	2.972	148558	∞	43.4	∞	102506	49.019 ng/ml
O-desmethyl-tramadol	3.429	1603958	456908.5	5.9	8221.3	1688910	49.439 ng/ml
Oxazepam	5.792	24080	2651.2	73.4	209.2	18605	56.871 ng/ml
Oxycodone	2.889	443270	∞	29.4	∞	373313	49.815 ng/ml
Oxymorphone	1.419	151888	∞	43.4	∞	107258	51.484 ng/ml
Phentermine	3.837	210583	2766.8	8.4	2599.1	551900	52.829 ng/ml
Promethazine	5.584	192815	288067.6	38.8	1833.7	198675	48.575 ng/ml
Pseudoephedrine	2.626	3015044	∞	24.4	192545.6	3012703	48.454 ng/ml
Quetiapine	5.570	462522	1665231.8	60.5	952593.3	132518	51.946 ng/ml
Temazepam	5.849	150231	5781.2	30.5	278.4	152079	48.124 ng/ml
Tramadol	4.298	1463380	184005.0	3.5	5193.9	1465175	52.206 ng/ml
Trazodone	5.143	320903	663050.6	78.4	∞	233208	47.443 ng/ml
Venlafaxine	5.099	981570	810736.0	37.6	5072.9	1342837	48.532 ng/ml
Zolpidem	4.911	1339320	3455340.6	29.5	∞	1292017	51.041 ng/ml

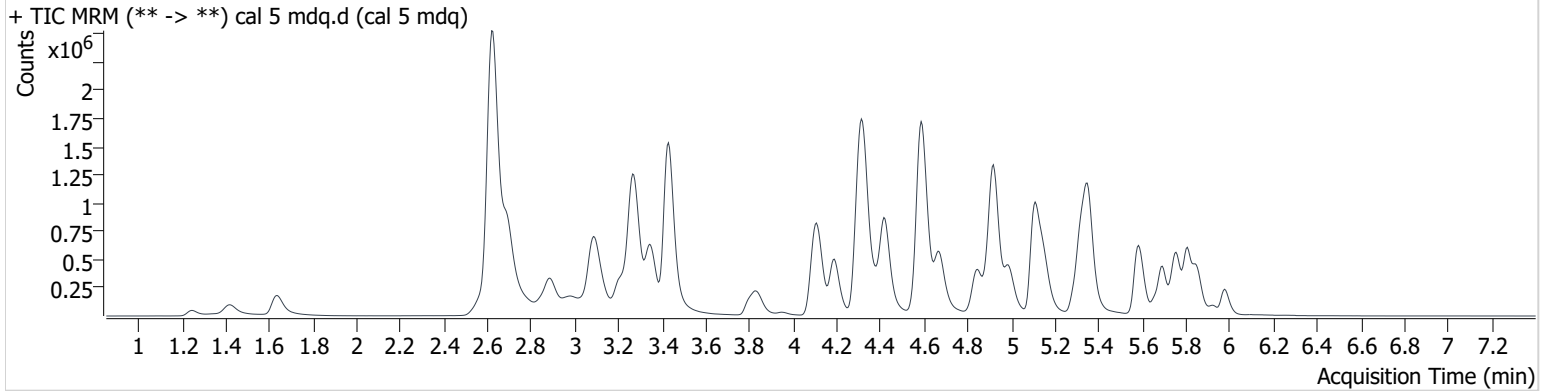
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-E1	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 12:36:37 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	25140	∞	135.9	∞	67998	10.051 ng/ml
7-aminoclonazepam	4.334	194711	517929.5	73.8	359935.9	120532	99.370 ng/ml
a-hydroxyalprazolam	5.738	28484	24217.7	54.8	1521.0	187926	99.374 ng/ml
alpha-PHP	4.992	671341	969793.2	39.9	8462735.8	311265	102.693 ng/ml
alpha-PVP	4.423	1280914	644134.8	52.2	49391.6	552382	97.844 ng/ml
Alprazolam	5.806	557891	∞	90.1	∞	187926	102.316 ng/ml
Amphetamine	3.093	1628511	∞	39.8	∞	305642	105.212 ng/ml
Benzoylcegonine	3.952	34143	∞	53.2	2265.6	12538	99.153 ng/ml
Buprenorphine	5.747	4287	33385.3	18.2	1834.0	17353	10.529 ng/ml
Bupropion	4.847	705832	2784397.3	67.0	25885.5	311265	100.291 ng/ml
Carisoprodol	5.762	452262	∞	58.1	9116.7	189214	100.130 ng/ml
Citalopram	5.295	386574	17499.1	39.3	295092.2	176701	98.930 ng/ml
Clonazepam	5.660	63683	∞	33.9	∞	11705	103.834 ng/ml
Clonazepam	5.602	136665	∞	40.3	∞	11705	101.579 ng/ml
Cocaine	4.322	1123676	7269906.5	51.3	215092.5	955870	99.594 ng/ml
Codeine	2.623	145576	1092199.5	90.3	∞	78241	100.982 ng/ml
Cyclobenzaprine	5.662	194533	∞	9.4	26020.1	70509	97.803 ng/ml
Dextromethorphan	5.333	233821	386149.1	76.3	∞	121774	98.130 ng/ml
Dextrophan	4.190	750714	∞	44.6	822580.5	416623	99.446 ng/ml
Diazepam	5.979	246425	11505.8	85.7	∞	135251	98.254 ng/ml
Dihydrocodeine	2.587	445599	7533.3	60.7	3801.1	293392	102.467 ng/ml
Diphenhydramine	5.355	1327330	63989.2	30.3	122225.0	703010	96.893 ng/ml
Doxylamine	4.592	3006338	577130945626 600.0	82.4	105374.5	1230633	98.769 ng/ml
EDDP	5.323	937848	4781574.8	42.2	1266726.3	503258	99.347 ng/ml
Etizolam	5.846	327485	∞	23.7	511554.3	187926	101.640 ng/ml
Fentanyl	5.154	21431	∞	127.4	82137.9	116949	9.623 ng/ml
Flualprazolam	5.743	243169	∞	93.7	11937.7	187926	108.634 ng/ml
Fluoxetine	5.744	137830	∞	8.4	19773.7	54445	101.763 ng/ml
Hydrocodone	3.074	468973	∞	36.0	∞	272974	100.959 ng/ml
Hydromorphone	1.638	371063	∞	73.6	∞	121844	104.115 ng/ml
Ketamine	4.103	1102706	391778.3	38.8	64939.8	581692	101.739 ng/ml
Lamotrigine	4.360	96247	19682.5	85.8	35766.4	257130	116.607 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.697	532652	∞	225.2	38900.1	2892643	85.380 ng/ml
Lorazepam	5.785	39589	∞	46.2	684.2	23115	98.946 ng/ml
MDA	3.256	780076	48224.2	26.6	4033.1	257130	102.868 ng/ml
MDMA	3.348	912306	307967.8	92.8	19568.6	102865	98.376 ng/ml
Meprobamate	4.987	128194	164207.7	29.9	∞	43560	104.799 ng/ml
Methadone	5.691	529244	82704.4	52.9	97881.8	253017	96.709 ng/ml
Methamphetamine	3.277	1859876	∞	40.5	27276.0	830020	119.186 ng/ml
Metoprolol	4.385	259863	1814707.2	98.4	∞	257130	104.372 ng/ml
Mirtazapine	4.670	996541	37140.8	49.3	791922.2	253017	107.404 ng/ml
Morphine	1.246	60538	∞	16.6	11068.1	8141	99.071 ng/ml
Norbuprenorphine	5.060	717	2577.3	96.8	1149.5	4268	11.227 ng/ml
Nordiazepam	5.928	81545	∞	60.6	∞	28634	98.249 ng/ml
Norfentanyl	4.145	84966	6586.6	39.5	116331.8	994819	9.794 ng/ml
Norhydrocodone	3.126	44702	∞	25.8	∞	85008	100.408 ng/ml
Noroxycodone	2.972	283562	∞	44.9	∞	97480	98.941 ng/ml
O-desmethyl-tramadol	3.429	3245655	∞	5.9	20512.2	1726358	98.476 ng/ml
Oxazepam	5.792	50270	27948.6	72.4	∞	23115	96.627 ng/ml
Oxycodone	2.884	901146	∞	29.6	∞	380008	100.167 ng/ml
Oxymorphone	1.419	291616	∞	43.5	∞	105221	101.760 ng/ml
Phentermine	3.842	340459	7084.9	8.1	4712.8	470385	101.923 ng/ml
Promethazine	5.589	282114	∞	38.0	∞	141022	100.824 ng/ml
Pseudoephedrine	2.626	5803347	36156.9	24.2	172606.5	2892643	97.628 ng/ml
Quetiapine	5.575	750942	∞	61.2	3243046.0	110510	102.014 ng/ml
Temazepam	5.854	329353	16800.8	30.8	13685.4	166906	96.876 ng/ml
Tramadol	4.308	2534107	172913.9	3.5	3595.3	1327742	100.839 ng/ml
Trazodone	5.149	545488	885285.2	79.8	∞	199045	94.503 ng/ml
Venlafaxine	5.109	1537245	118416.8	37.8	11634.0	1058205	96.727 ng/ml
Zolpidem	4.922	2741417	362634.6	29.0	3265338.4	1342662	101.643 ng/ml

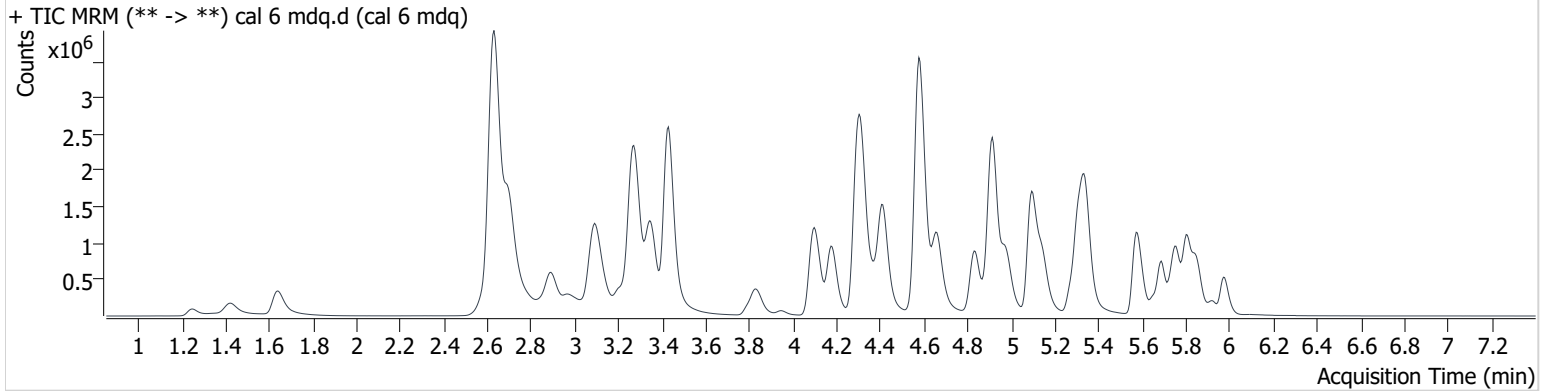
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-F1	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 12:45:39 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.196	51951	∞	140.2	65802.4	55311	25.621 ng/ml
7-aminoclonazepam	4.323	337304	15300.3	75.9	17667.0	86884	239.536 ng/ml
a-hydroxyalprazolam	5.733	61076	∞	54.2	3101.0	172742	227.915 ng/ml
alpha-PHP	4.976	1409889	68454.6	39.8	∞	297148	228.264 ng/ml
alpha-PVP	4.413	2589790	149549.7	52.2	241447.6	442544	247.861 ng/ml
Alprazolam	5.806	1283716	∞	88.5	9151.2	172742	256.780 ng/ml
Amphetamine	3.098	3066857	152417.3	40.4	∞	272539	226.094 ng/ml
Benzoylecgonine	3.947	89518	869882.4	51.7	2797.2	12946	252.886 ng/ml
Buprenorphine	5.747	7303	∞	15.6	2462.0	15331	21.518 ng/ml
Bupropion	4.836	1594419	∞	68.8	84656.1	297148	238.539 ng/ml
Carisoprodol	5.762	907754	5064460.5	57.9	∞	152393	250.204 ng/ml
Citalopram	5.274	754955	102439.8	38.7	305327.8	137333	249.732 ng/ml
Clonazepam	5.650	160413	38151.5	32.9	128741.3	12308	249.936 ng/ml
Clonazepam	5.596	329954	36469.0	39.0	256925.2	12308	234.324 ng/ml
Cocaine	4.312	2151254	1577415.7	50.0	∞	727998	251.522 ng/ml
Codeine	2.623	258926	∞	92.0	∞	59596	238.219 ng/ml
Cyclobenzaprine	5.657	285634	484768.5	9.4	∞	39338	259.072 ng/ml
Dextromethorphan	5.318	468382	305441.8	76.6	1126337.9	93205	258.687 ng/ml
Dextrophan	4.180	1742156	92712.8	44.8	∞	388204	248.728 ng/ml
Diazepam	5.979	662244	∞	86.1	∞	140394	255.579 ng/ml
Dihydrocodeine	2.592	880972	9686.7	60.6	1742.9	252880	237.280 ng/ml
Diphenhydramine	5.344	2605847	∞	30.3	192288.6	551716	243.074 ng/ml
Doxylamine	4.583	6695104	384829.5	81.3	680869.0	1080980	251.557 ng/ml
EDDP	5.307	2055120	248421.5	43.4	4008151.2	451720	243.604 ng/ml
Etizolam	5.841	730585	54594.0	24.3	∞	172742	247.403 ng/ml
Fentanyl	5.139	34215	∞	121.5	47363.6	75485	23.682 ng/ml
Flualprazolam	5.738	529826	16865.3	92.9	∞	172742	258.493 ng/ml
Fluoxetine	5.739	129439	539021.5	7.6	∞	20697	252.842 ng/ml
Hydrocodone	3.074	972407	∞	38.1	∞	235748	243.694 ng/ml
Hydromorphone	1.643	802945	∞	73.9	∞	104844	262.604 ng/ml
Ketamine	4.093	2202750	370445.1	38.1	93031.5	481103	247.428 ng/ml
Lamotrigine	4.345	172781	173785.8	87.9	∞	205571	261.877 ng/ml
Levetiracetam	2.702	1171792	42185.6	222.5	97955.1	2224546	240.761 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.780	80180	611759.1	47.7	2081.8	17792	261.139 ng/ml
MDA	3.256	1438486	188302.0	26.9	10279.9	205571	239.360 ng/ml
MDMA	3.348	1997510	133132.5	92.5	102625.1	88341	252.265 ng/ml
Meprobamate	4.972	270137	1006261.1	30.3	27516.0	37253	260.183 ng/ml
Methadone	5.686	1064284	∞	53.8	50512.8	201545	245.464 ng/ml
Methamphetamine	3.277	3801533	∞	38.7	∞	813943	260.731 ng/ml
Metoprolol	4.375	540403	∞	97.6	∞	205571	273.501 ng/ml
Mirtazapine	4.660	2043064	252579.7	49.5	∞	201545	279.229 ng/ml
Morphine	1.246	133859	∞	15.4	66202.7	7026	255.355 ng/ml
Norbuprenorphine	5.050	1253	9093.8	107.5	14848.6	4081	20.182 ng/ml
Nordiazepam	5.928	223496	∞	63.0	∞	30895	251.348 ng/ml
Norfentanyl	4.134	196829	25537.1	39.2	220851.8	883121	25.554 ng/ml
Norhydrocodone	3.126	103720	∞	28.7	∞	74985	263.829 ng/ml
Noroxycodone	2.972	587082	∞	44.5	∞	78093	256.565 ng/ml
O-desmethyl-tramadol	3.429	6848620	954254.6	5.8	67975.9	1455796	247.341 ng/ml
Oxazepam	5.787	99980	2088.5	69.1	802.3	17792	252.153 ng/ml
Oxycodone	2.889	1852850	∞	29.7	∞	316589	248.210 ng/ml
Oxymorphone	1.419	607330	∞	43.8	∞	88637	253.119 ng/ml
Phentermine	3.832	731813	∞	7.9	∞	427241	243.811 ng/ml
Promethazine	5.578	376215	∞	40.1	∞	79154	240.446 ng/ml
Pseudoephedrine	2.631	11441589	37298.0	24.0	∞	2224546	251.053 ng/ml
Quetiapine	5.570	1621014	∞	60.3	2082315.6	93966	260.411 ng/ml
Temazepam	5.854	701617	73564.4	29.3	2051.1	138333	250.173 ng/ml
Tramadol	4.293	5185810	540839.7	3.4	62386.1	1134464	243.163 ng/ml
Trazodone	5.143	1071744	∞	79.0	∞	147533	250.530 ng/ml
Venlafaxine	5.094	3456252	173406.4	36.8	21426.1	919761	250.657 ng/ml
Zolpidem	4.911	5766672	315376.5	29.3	3087379.4	1160537	249.003 ng/ml

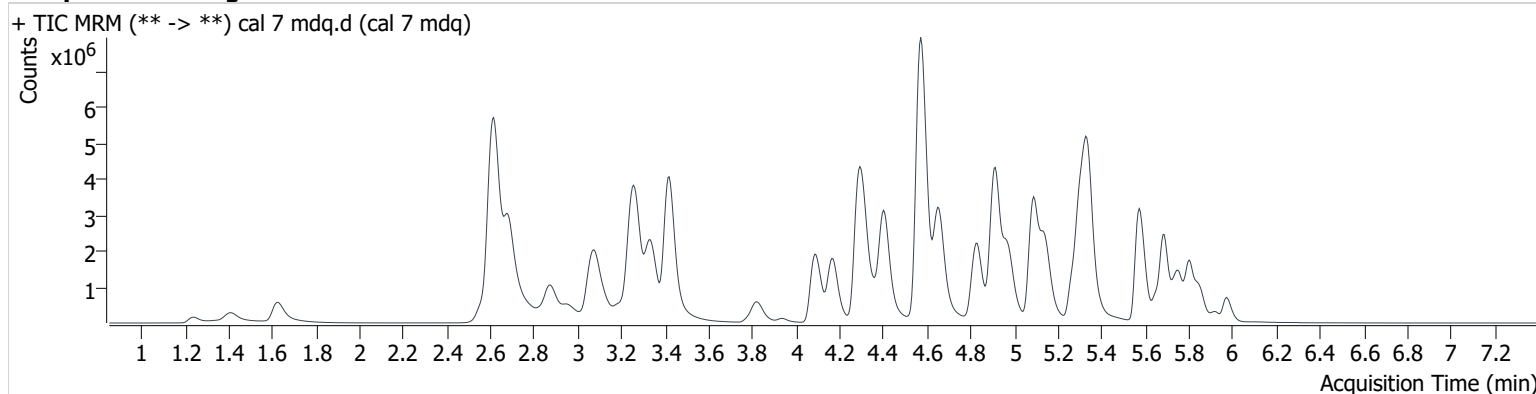
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	cal 7 mdq.d
Type	Cal	Sample	cal 7 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-G1	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 12:54:42 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.181	93128	∞	138.5	∞	49552	51.321 ng/ml
7-aminoclonazepam	4.318	388213	13013.0	78.3	59426.4	48632	493.080 ng/ml
a-hydroxyalprazolam	5.733	92279	1042.6	57.3	6834.7	121748	485.241 ng/ml
alpha-PHP	4.976	4029989	∞	40.4	∞	391997	496.878 ng/ml
alpha-PVP	4.407	6104374	353070.9	51.4	283079.7	497318	520.559 ng/ml
Alprazolam	5.806	1770211	∞	88.7	∞	121748	502.822 ng/ml
Amphetamine	3.083	5111522	∞	41.0	∞	250716	412.469 ng/ml
Benzoylcegonine	3.936	157370	∞	54.3	∞	11294	510.351 ng/ml
Buprenorphine	5.747	20903	32934.8	15.1	6662.1	17976	54.418 ng/ml
Bupropion	4.826	4565526	18121808.3	65.6	102968.5	391997	518.824 ng/ml
Carisoprodol	5.762	1132064	∞	57.0	7301.2	91238	521.662 ng/ml
Citalopram	5.269	2327869	96688.9	39.1	1124746.2	201285	526.219 ng/ml
Clonazepam	5.650	220779	∞	33.6	∞	8239	514.803 ng/ml
Clonazepam	5.596	474500	1524475.1	39.6	1133368.0	8239	504.388 ng/ml
Cocaine	4.307	3755321	199926.6	50.8	1898065.5	635520	503.730 ng/ml
Codeine	2.593	416460	∞	93.4	∞	49677	461.341 ng/ml
Cyclobenzaprine	5.652	1324558	5376191.1	9.3	77110.9	93770	504.969 ng/ml
Dextromethorphan	5.313	1309821	∞	75.9	∞	133890	504.686 ng/ml
Dextropropion	4.169	3773500	893259.5	44.3	644408.0	406628	515.086 ng/ml
Diazepam	5.974	888538	27779.1	92.1	23158.1	99216	485.915 ng/ml
Dihydrocodeine	2.567	1497238	7035.7	61.1	7272.1	227325	450.141 ng/ml
Diphenhydramine	5.343	8258784	∞	29.7	69247.4	814901	522.100 ng/ml
Doxylamine	4.571	15574648	280913.6	83.5	∞	1201049	527.507 ng/ml
EDDP	5.307	5934885	429106.2	41.8	∞	613774	518.582 ng/ml
Etizolam	5.841	1045056	102891.0	23.7	164052.9	121748	502.645 ng/ml
Fentanyl	5.139	149510	251614.9	126.3	264808.4	149771	52.056 ng/ml
Flualprazolam	5.738	701711	∞	95.8	∞	121748	486.383 ng/ml
Fluoxetine	5.739	678079	5488230.2	7.6	65782.4	53996	508.698 ng/ml
Hydrocodone	3.059	1863627	∞	37.8	∞	219331	502.984 ng/ml
Hydromorphone	1.628	1461227	∞	74.3	∞	100632	498.359 ng/ml
Ketamine	4.090	4132925	∞	37.7	21413.9	440983	507.737 ng/ml
Lamotrigine	4.335	237883	∞	87.3	21304.8	173113	428.174 ng/ml
Levetiracetam	2.686	2102120	135974.3	227.3	1206719.1	1800636	531.317 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.780	139176	∞	46.5	5126.5	15423	523.384 ng/ml
MDA	3.230	2267644	80771.2	27.1	72577.6	173113	449.472 ng/ml
MDMA	3.333	3861859	240604.5	91.9	79800.7	83845	514.843 ng/ml
Meprobamate	4.961	353100	1112356.7	30.1	32559.5	26178	485.122 ng/ml
Methadone	5.686	3976343	159009.7	51.5	∞	362336	511.053 ng/ml
Methamphetamine	3.262	7038178	∞	39.5	125597.3	856986	467.081 ng/ml
Metoprolol	4.370	875932	1445634.4	99.0	∞	173113	527.597 ng/ml
Mirtazapine	4.654	6452202	573978.6	48.0	4466654.7	362336	491.854 ng/ml
Morphine	1.241	242276	∞	15.1	∞	6348	512.539 ng/ml
Norbuprenorphine	5.050	4478	50067.5	109.1	8845.9	5889	49.349 ng/ml
Nordiazepam	5.922	334931	101847.1	60.0	∞	22243	524.433 ng/ml
Norfentanyl	4.124	332342	∞	38.6	∞	700077	54.425 ng/ml
Norhydrocodone	3.111	183191	∞	31.0	∞	62799	556.208 ng/ml
Noroxycodone	2.956	1025747	∞	43.7	∞	70775	495.129 ng/ml
O-desmethyl-tramadol	3.419	12406781	∞	5.7	82304.3	1256981	519.628 ng/ml
Oxazepam	5.781	171888	102056.0	74.4	2640.9	15423	501.627 ng/ml
Oxycodone	2.873	3633102	∞	28.9	∞	306051	504.155 ng/ml
Oxymorphone	1.409	1087320	∞	43.5	∞	79934	503.531 ng/ml
Phentermine	3.822	1324917	104866.6	7.6	7017.8	426381	443.853 ng/ml
Promethazine	5.578	1969317	4295286.5	38.0	65039.2	195374	510.654 ng/ml
Pseudoephedrine	2.618	19082190	∞	23.8	∞	1800636	517.797 ng/ml
Quetiapine	5.565	4165009	∞	61.3	∞	128408	490.442 ng/ml
Temazepam	5.854	921522	63295.0	28.8	1496.7	88632	513.626 ng/ml
Tramadol	4.282	9656663	4513736.1	3.3	26013.8	1004561	512.660 ng/ml
Trazodone	5.138	3248649	132724.9	80.7	∞	189082	592.550 ng/ml
Venlafaxine	5.089	8194315	603502.3	35.6	∞	993792	550.341 ng/ml
Zolpidem	4.911	11096691	∞	28.3	863351.2	1089513	511.589 ng/ml

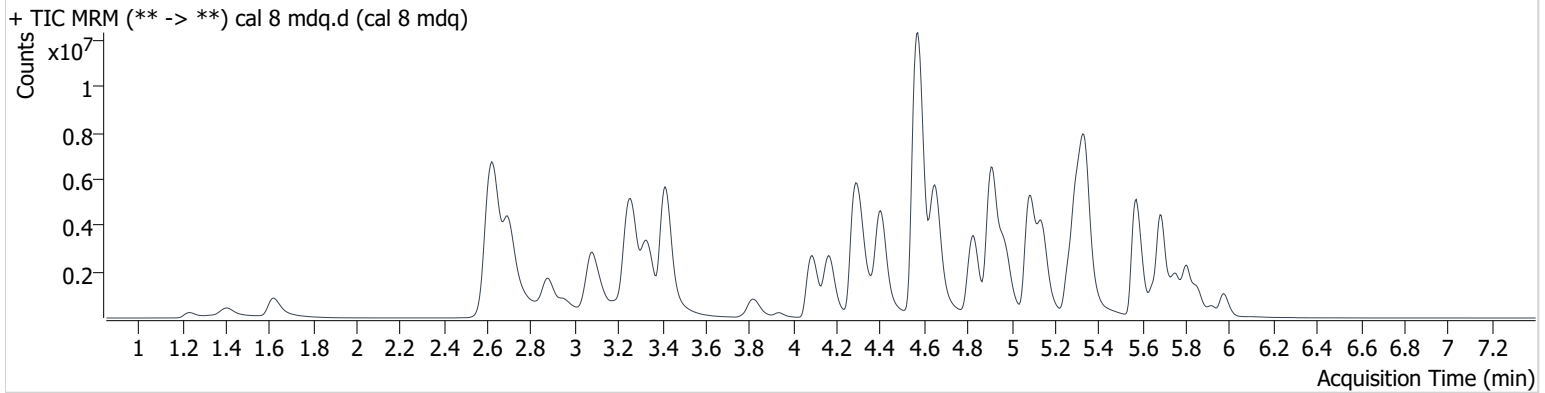
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\072721\QuantResults\mdq.batch.bin
Calibration Last Update 7/28/2021 2:15:29 PM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-H1	Comment	
Injection Volume	3		
Acq. Date-Time	7/27/2021 1:12:40 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	151215	∞	134.5	∞	39996	103.300 ng/ml
7-aminoclonazepam	4.318	378246	28446.1	78.4	18613.9	23351	1001.103 ng/ml
a-hydroxyalprazolam	5.733	147284	13120.5	53.8	1839.2	90557	1037.888 ng/ml
alpha-PHP	4.971	6486561	∞	39.7	186954.0	335337	936.621 ng/ml
alpha-PVP	4.403	9861755	436823.2	51.4	231163.0	408160	1025.273 ng/ml
Alprazolam	5.806	2470010	∞	90.9	5385.3	90557	943.636 ng/ml
Amphetamine	3.088	6939358	248192178921 4010.0	41.0	∞	199029	707.866 ng/ml
Benzoylcegonine	3.936	293065	∞	53.8	24029.8	10876	987.636 ng/ml
Buprenorphine	5.747	30592	71589.9	15.2	11193.2	14693	98.469 ng/ml
Bupropion	4.827	7571368	34531866.0	64.3	742239.0	335337	1006.628 ng/ml
Carisoprodol	5.762	1608727	3006300.1	57.5	44683.2	66633	1015.481 ng/ml
Citalopram	5.264	3892940	∞	40.4	2926248.4	179349	988.299 ng/ml
Clonazepam	5.650	370345	∞	32.2	2671156.0	7679	927.152 ng/ml
Clonazolam	5.596	727938	306314.7	40.8	420240.1	7679	830.705 ng/ml
Cocaine	4.307	5658114	617569.3	49.4	834733.9	480401	1004.799 ng/ml
Codeine	2.623	533304	∞	93.1	∞	37282	788.462 ng/ml
Cyclobenzaprine	5.652	2123393	9062863.8	9.0	1350461.2	75851	1001.761 ng/ml
Dextromethorphan	5.307	2236336	∞	74.1	164353.5	114559	1008.228 ng/ml
Dextrorphan	4.164	6167199	1169150.0	44.5	∞	343615	996.863 ng/ml
Diazepam	5.974	1547929	25101.7	86.0	10794.7	84631	993.191 ng/ml
Dihydrocodeine	2.577	2043602	11696.5	61.5	1970.4	206959	675.731 ng/ml
Diphenhydramine	5.339	14376187	722533.7	29.0	208210.9	692351	1070.176 ng/ml
Doxylamine	4.571	25905021	∞	86.0	∞	1079299	977.002 ng/ml
EDDP	5.305	10362876	1167138.9	41.6	38821602.0	545041	1020.395 ng/ml
Etizolam	5.841	1540428	944070108598 57.1	24.1	396137538 37839.5	90557	996.601 ng/ml
Fentanyl	5.133	302521	∞	130.0	1777807.8	144986	108.718 ng/ml
Flualprazolam	5.738	982706	25503.6	89.3	∞	90557	916.404 ng/ml
Fluoxetine	5.739	496606	∞	7.8	47795.7	21519	935.674 ng/ml
Hydrocodone	3.059	3027866	∞	39.9	∞	192628	931.284 ng/ml
Hydromorphone	1.623	2421899	∞	74.5	∞	80622	1031.563 ng/ml
Ketamine	4.087	6629083	1416067.6	37.6	96940.1	376753	954.291 ng/ml
Lamotrigine	4.335	252335	21634.5	87.0	1005237.5	132582	593.050 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.697	3509272	279197.4	225.3	274059.4	1269835	1255.187 ng/ml
Lorazepam	5.774	248030	∞	47.8	2287.4	14893	966.341 ng/ml
MDA	3.225	2895271	214380.0	26.9	10167.3	132582	750.382 ng/ml
MDMA	3.334	5779536	1478975.7	90.3	∞	65907	981.053 ng/ml
Meprobamate	4.961	475202	∞	28.8	4751.3	19178	892.304 ng/ml
Methadone	5.687	7913528	∞	50.3	3148265.3	348117	1059.544 ng/ml
Methamphetamine	3.257	10063399	∞	39.5	117273.7	772735	747.311 ng/ml
Metoprolol	4.365	1199982	655360.5	97.9	∞	132582	944.736 ng/ml
Mirtazapine	4.649	12242495	∞	46.6	1982563.8	348117	973.105 ng/ml
Morphine	1.236	356030	∞	15.7	∞	5323	899.065 ng/ml
Norbuprenorphine	5.040	10034	167331.5	99.2	∞	6231	104.029 ng/ml
Nordiazepam	5.922	556944	∞	61.3	∞	19789	981.209 ng/ml
Norfentanyl	4.124	500382	122398.4	38.7	∞	522384	109.814 ng/ml
Norhydrocodone	3.111	270968	∞	32.5 High	∞	44125	1170.719 ng/ml
Noroxycodone	2.951	1593556	∞	44.2	∞	54689	996.027 ng/ml
O-desmethyl-tramadol	3.414	19415553	∞	5.6	∞	994656	1028.239 ng/ml
Oxazepam	5.781	313605	114303.5	73.9	145790.7	14893	949.166 ng/ml
Oxycodone	2.873	6127635	∞	29.0	∞	267060	975.096 ng/ml
Oxymorphone	1.404	1787307	∞	43.9	∞	70791	935.487 ng/ml
Phentermine	3.822	2048037	21568.2	7.3	25460.4	375989	779.492 ng/ml
Promethazine	5.573	3202063	∞	37.7	133544.1	159397	1018.367 ng/ml
Pseudoephedrine	2.621	27169857	∞	23.5	∞	1269835	1045.936 ng/ml
Quetiapine	5.565	7102034	∞	62.7	5067687.1	122669	876.145 ng/ml
Temazepam	5.854	1357002	8407043.3	29.2	81853.5	64434	1041.161 ng/ml
Tramadol	4.284	14644970	1202624.0	3.3	19344.2	834901	936.448 ng/ml
Trazodone	5.138	5838907	∞	80.2	∞	150573	1337.412 ng/ml
Venlafaxine	5.083	13825522	1778783.9	35.1	261203.6	812166	1136.491 ng/ml
Zolpidem	4.911	18098734	736592.6	28.1	∞	970382	937.792 ng/ml