

REVIEWED

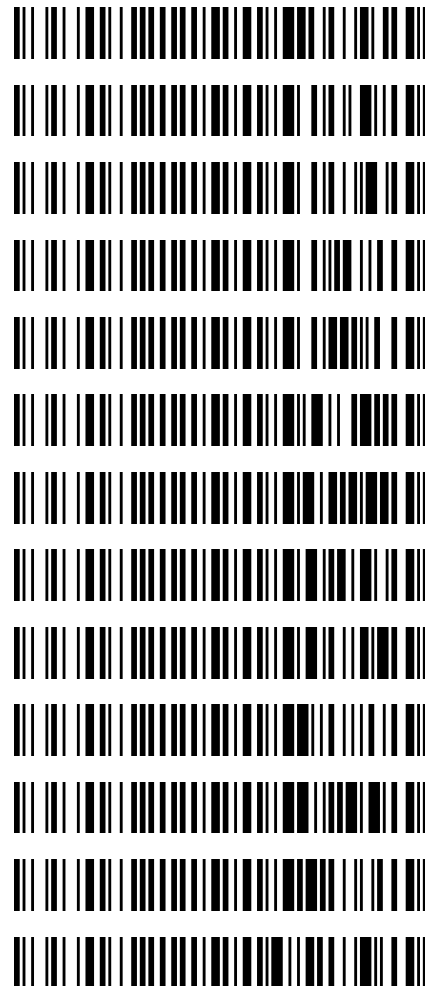
By Anne Nord at 9:41 am, May 15, 2023

5/11/2023

Byylee

Worklist: 6367

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2023-0883	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0949	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0949	2	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0949	3	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0951	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0980	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-0989	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-1001	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-1003	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-1012	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-1023	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-1038	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2023-1049	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Bylye

Extraction Date 5/11/23

Analyst: Britany Wylie

Plate lot#: 230117

Item: IDP-121-3CDA

Plate re-test: 7/17/2023

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

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

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

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

LCMS-QQQ ID: 69679

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) or 250µL hydrolyzed urine in wells of analytical (standards) plate. **Pipette ID: 390993**
- 3. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792**
- 7. Wait 5 minutes.
- 8. Add 900uL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 11. Add 900uL ethyl acetate.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH,
- 15. Place on SPE Dry and evaporate to dryness at approx. 35°C. **SPE Dry ID: 66819**
- 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

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

COMMENTS: *Blood Only Run; Cal 1-7 ran then instrument maxed out on pressure, maintenance was performed and entire run was restarted, data from the first injection of cals 1-7 not evaluated.*

7-aminoclonazepam 5-250 cal 7 and 8 dropped due to accuracy
Alpha-hydroxyalprazolam 5-500 cal 8 dropped due to accuracy
Amphetamine 5-250 cal 7 & 8 dropped due to accuracy
Buprenorphine – 1-100 Quantitative range 2.5-100
Chlordiazepoxide- not evaluated lowering ratios
Codeine 5-500 cal 8 dropped due to accuracy
Dihydrocodeine 5-250 cal 7 and 8 dropped due to accuracy
DMT not evaluated falling ratios
Lamotrigine 5-500 cal 8 dropped due to accuracy

Lorazepam 5-250 cal 7 and 8 dropped due to accuracy
MDA 5-250 cal 7 & 8 dropped due to accuracy
Meprobamate 5-250 cal 7 and 8 dropped due to accuracy
Methamphetamine 5-500 cal 8 dropped due to accuracy
Metoprolol 5-500 cal 8 dropped due to accuracy
Norhydrocodone not evaluated rising ratios
Phentermine not evaluated lowering ratios
Trazodone 5-250 cal 7 and 8 dropped due to accuracy

BWylee

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1		883-3	1003-1							
B	IS + Cal. 2	IS + QC_2		949-1	1012-1							
C	IS + Cal. 3	IS + QC_3		949-2	1023-1							
D	IS + Cal. 4	IS + QC_4		949-3	1038-2							
E	IS + Cal. 5	IS + QC_2		951-1	1049-1							
F	IS + Cal. 6			980-1	Neg Blood							
G	IS + Cal. 7			989-1	External Control-blood							
H	IS + Cal. 8			1001-1								

column 4 column 5 blank in front column 6 column 7 Location on SLE and extraction plate for instrument plate position 2

c2023-0__-__

Byyle

Toxicology AM method 25/28 external control prep

working solution 10000 ng/ml in meoh diphendydramine, methamphetamine, alprazolam, , morphine

Stock solution 1mg/ml 50 ul each in 4800 ul MeOH (VWR 21050767)

ppd 7/7/22: Exp: 7/7/23 lot 7722 by AMN

Drug	lot	expiration
Methamphetamine	FE03132001	7/1/2025
alprazolam	FE06102008	6/1/2025
Diphendydramine	FN02212011	3/1/2025
Morphine	FE03232010	4/1/2025

AM 25/28 control 500 ul working solution (7722) in 4500 ul negative urine (1000ng/mL Expected concentration)

ppd 7/7/22, exp 7/7/23 lot u7722 negative urine 21522 by AMN

AM 25/28 Blood Control: 50ul working solution (7722) in 4950 ul neg blood (100ng/mL Expected concentration)

ppp 7/7/22, exp 7/7/23 lot b7722 neg blood 22B52016-3 by AMN

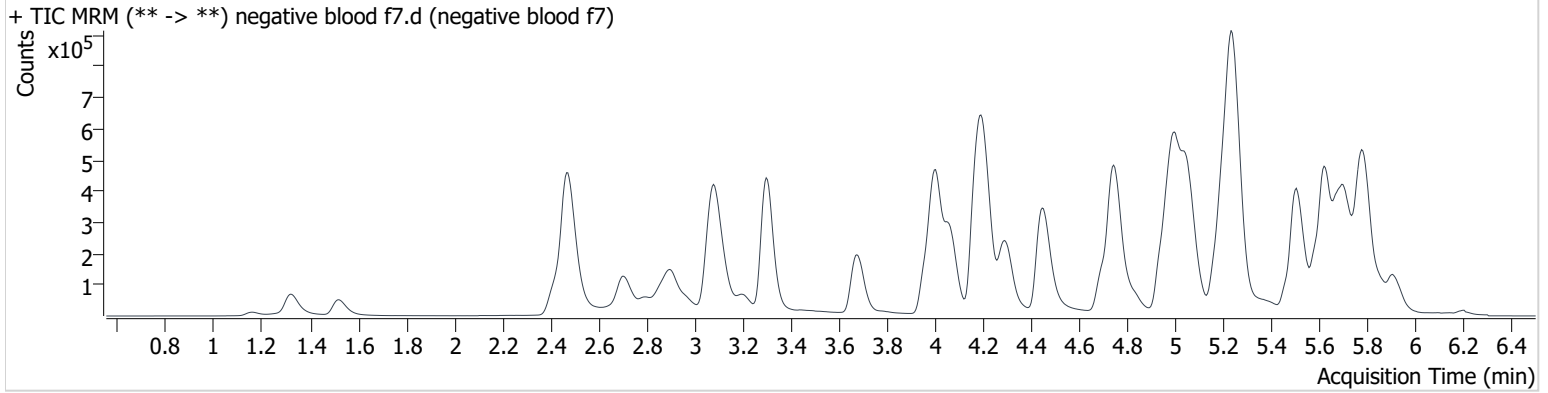
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	negative blood f7.d
Type	Sample	Sample	negative blood f7
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-F7	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 5:28:53 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Doxylamine	4.492	22054	∞	93.67	904.8	1399705	0.147 ng/ml <5

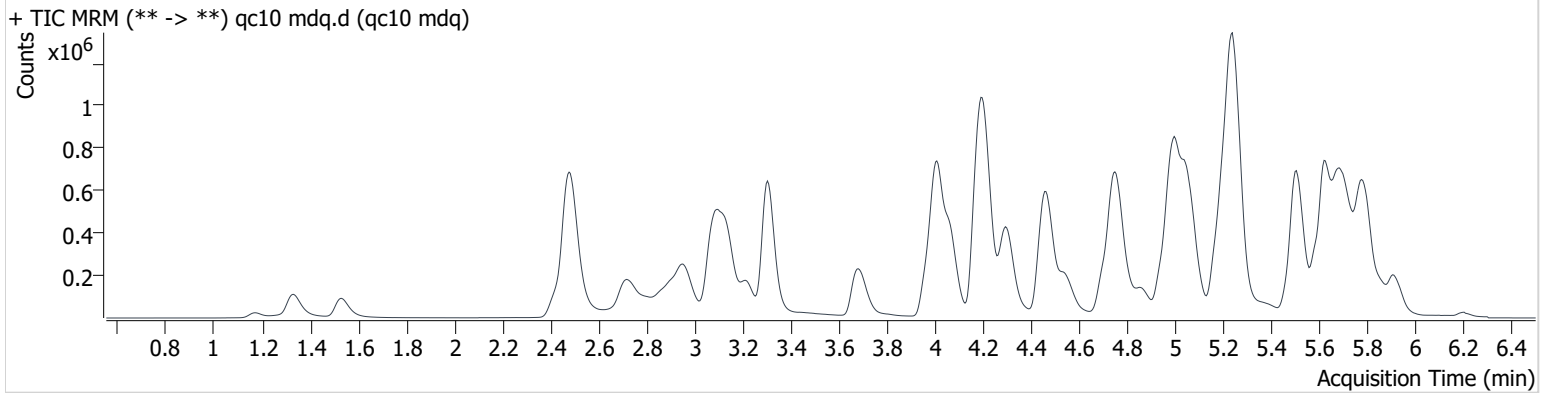
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 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-A5	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 4:54:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	3620	8556.7	123.33	62536.2	82433	1.091 ng/ml
7-aminoclonazepam	4.196	56588	4072.3	116.75	5757.3	254634	11.705 ng/ml
a-hydroxyalprazolam	5.650	15885	∞	64.72	251.7	984978	10.650 ng/ml
alpha-PHP	4.874	79259	3853.8	250.48	20732.8	886107	9.980 ng/ml
alpha-PVP	4.306	254397	19255.5	55.38	10634.7	886107	10.414 ng/ml
Alprazolam	5.734	150064	∞	92.29	∞	322845	10.299 ng/ml
Amphetamine	2.959	176643	17113.9	263.31	18331.9	452247	10.700 ng/ml
Benzoylecgonine	3.817	5477	14958.7	40.78	371.8	18085	9.372 ng/ml
Buprenorphine	5.638	8946	607.8	13.65	347.5	126392	0.749 ng/ml
Bupropion	4.725	223378	62650.6	78.01	5200.0	666915	10.534 ng/ml
Carisoprodol	5.695	92722	68189.2	64.88	588.4	316812	9.555 ng/ml
Chlorpheniramine	5.058	407391	4450.5	0.34	114.3	1548714	9.945 ng/ml
Citalopram	5.175	239495	17707.8	39.36	6111.1	833635	9.904 ng/ml
Clonazepam	5.572	65841	1605.2	32.62	12485.0	120492	9.893 ng/ml
Clonazolam	5.518	82550	6916.6	38.83	8453.4	221433	10.032 ng/ml
Cocaine	4.210	176456	6000.7	50.19	6251.2	1332243	10.160 ng/ml
Codeine	2.493	26523	13094.8	89.30	6400.8	95411	10.415 ng/ml
Cyclobenzaprine	5.595	235207	∞	8.40	∞	677915	10.089 ng/ml
Dextromethorphan	5.218	150102	10040.3	77.59	23672.8	653696	10.786 ng/ml
Dextrorphan	4.070	179080	11138.8	45.33	11993.9	861186	10.164 ng/ml
Diazepam	5.917	99067	∞	85.43	7194.8	339097	10.416 ng/ml
Dihydrocodeine	2.457	65984	1256.3	64.32	462.8	417605	10.456 ng/ml
Diphenhydramine	5.250	805202	9899.0	30.19	8186.3	2800535	10.090 ng/ml
Doxylamine	4.471	565790	8796.5	92.73	10449.9	1603343	10.293 ng/ml
Duloxetine	5.631	33698	280.9	11.55	1614.3	93133	9.867 ng/ml
EDDP	5.213	244353	9065.6	41.69	6031.2	1077427	10.094 ng/ml
Etizolam	5.779	15589	10842.0	416.60	∞	339097	9.911 ng/ml
Fentanyl	5.026	20457	1278.1	127.71	4607.2	943517	0.955 ng/ml
Flualprazolam	5.666	55958	1369.1	98.76	834.5	221433	10.268 ng/ml
Fluorofentanyl	5.076	19380	1119.1	120.97	63.1	10259	0.901 ng/ml
Fluoxetine	5.687	246930	303883.5	6.10	30584.1	784946	9.995 ng/ml
Hydrocodone	2.941	73052	5433.5	40.44	750.4	395684	9.626 ng/ml
Hydromorphone	1.537	79441	4004.6	73.79	3061.3	226230	10.081 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.670	211871	111066.9	111.79	1499.0	2086089	10.194 ng/ml
Ketamine	3.984	197280	9852.6	37.70	1769.1	674296	10.344 ng/ml
Lamotrigine	4.223	15884	3788.8	98.17	35241.9	784946	9.827 ng/ml
Lorazepam	5.713	28140	1439.2	48.44	669.1	358431	9.658 ng/ml
MDA	3.126	243124	11622.8	31.22	3276.9	572065	10.253 ng/ml
MDMA	3.223	156778	11331.8	112.37	5023.7	184252	9.827 ng/ml
Meprobamate	4.849	74626	6358.1	32.08	397.3	204648	10.141 ng/ml
Methadone	5.630	401822	7896.7	51.27	10687.9	1260759	10.035 ng/ml
Methamphetamine	3.142	458695	4360.3	39.44	∞	1409731	9.846 ng/ml
Metoprolol	4.273	58073	5422.0	95.21	2529.3	572065	9.827 ng/ml
Mirtazapine	4.543	383419	11635.5	49.03	44784.1	843251	10.575 ng/ml
Mitragynine	5.158	71670	6067.1	30.57	21349.1	2086089	9.886 ng/ml
Morphine	1.176	14489	∞	20.51	∞	13995	10.338 ng/ml
Norbuprenorphine	4.942	1777	63.8	89.37	1671.6	24378	0.936 ng/ml
Nordiazepam	5.866	76730	9588.4	59.33	∞	221433	10.297 ng/ml
Norfentanyl	4.035	4722	935.6	255.59	497.0	1310033	0.992 ng/ml
Noroxycodone	2.829	63485	5316.8	52.09	2652.6	224147	9.907 ng/ml
O-desmethyl-tramadol	3.309	432577	11299.8	6.30	5226.5	1800675	10.098 ng/ml
O-Desmethylvenlafaxine	4.018	124641	397.2	230.96	2531.4	372302	10.118 ng/ml
Olanzapine	4.307	82337	369.4	46.83	223.4	196254	9.467 ng/ml
Oxazepam	5.720	71325	540.8	64.36	639.1	358431	10.135 ng/ml
Oxycodone	2.741	178376	7932.6	29.58	1401.3	596247	10.639 ng/ml
Oxymorphone	1.334	115031	∞	46.08	∞	369751	10.123 ng/ml
Promethazine	5.511	312719	15634.8	39.79	2072.9	1438348	9.517 ng/ml
Pseudoephedrine	2.491	595266	∞	17.20	11184.1	2086089	9.880 ng/ml
Quetiapine	5.486	314634	5740.7	63.35	303504.2	427376	10.289 ng/ml
Sertraline	5.755	78828	996.8	100.49	2082.3	305485	9.833 ng/ml
Temazepam	5.787	204725	4676.5	30.03	551.5	984978	10.137 ng/ml
Tramadol	4.192	438645	∞	3.61	1861.7	1770728	9.994 ng/ml
Trazodone	4.994	224038	2739.7	83.87	3132.5	960041	10.363 ng/ml
Venlafaxine	4.991	308073	6909.0	45.28	1888.0	1586170	10.129 ng/ml
Zolpidem	4.769	438417	17819.6	27.70	10168.8	1844747	10.132 ng/ml

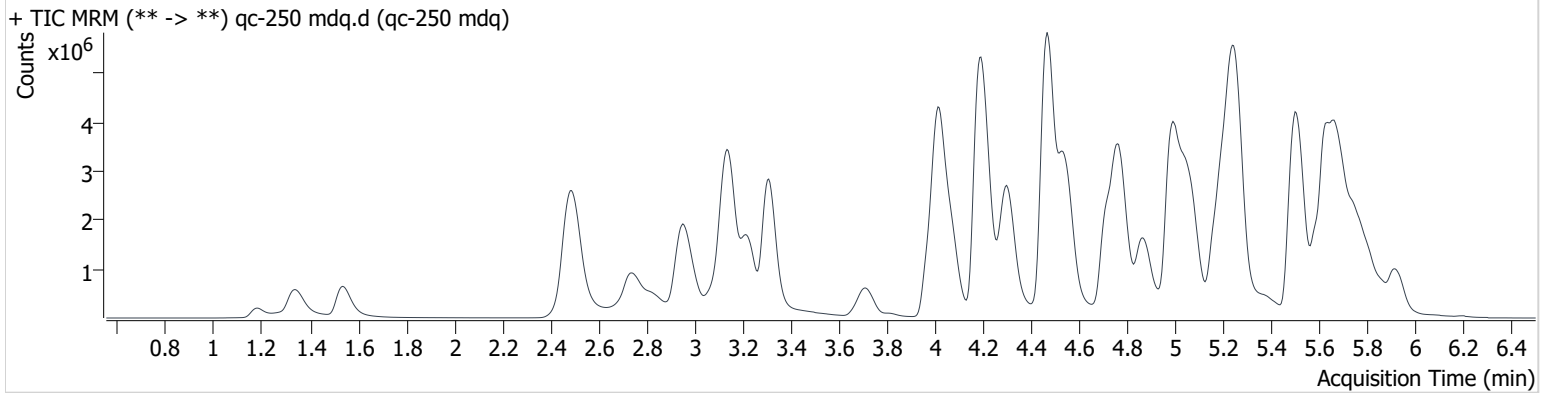
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 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-C5	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 5:02:46 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	66647	∞	133.94	816437.0	68688	24.923 ng/ml
7-aminoclonazepam	4.185	524067	28756.1	109.01	2470.6	132902	218.714 ng/ml
a-hydroxyalprazolam	5.655	89116	1346.6	70.69	833.2	295241	212.991 ng/ml
alpha-PHP	4.869	1565766	50469.9	254.91	12001.4	661765	250.525 ng/ml
alpha-PVP	4.301	4874715	99851.7	53.47	688350.0	661765	259.750 ng/ml
Alprazolam	5.734	1940996	∞	92.97	∞	161629	263.386 ng/ml
Amphetamine	2.959	2177369	499463.7	260.77	152909.2	358763	201.241 ng/ml
Benzoylecgonine	3.812	125922	32806.2	42.47	6441.9	16939	240.505 ng/ml
Buprenorphine	5.633	107074	153780.1	16.17	3130.2	58043	25.417 ng/ml
Bupropion	4.720	4509189	302892.2	72.30	∞	573032	264.532 ng/ml
Carisoprodol	5.700	700646	1309111.3	63.26	9404.4	94173	249.609 ng/ml
Chlorpheniramine	5.058	8316957	∞	0.32	1081.8	1314705	247.798 ng/ml
Citalopram	5.170	3339167	1952025.4	42.32	∞	471336	247.573 ng/ml
Clonazepam	5.567	640879	5225.6	33.35	3667.7	45278	257.461 ng/ml
Clonazolam	5.524	845680	18639.2	38.04	18718.6	86741	266.646 ng/ml
Cocaine	4.210	2956227	∞	50.12	281434.3	907329	250.673 ng/ml
Codeine	2.483	305454	9287.5	93.04	6045.6	57054	222.021 ng/ml
Cyclobenzaprine	5.590	3777239	127984.3	8.50	3901.5	445011	250.247 ng/ml
Dextromethorphan	5.213	2390545	398340.8	73.10	∞	408674	232.770 ng/ml
Dextrorphan	4.070	3385499	577633.7	44.96	1160210.8	632148	244.201 ng/ml
Diazepam	5.922	1644768	∞	87.38	∞	230118	247.654 ng/ml
Dihydrocodeine	2.447	1056420	8479.9	63.31	27513.4	342127	217.606 ng/ml
Diphenhydramine	5.255	13039771	1047090.7	30.11	170535.1	1710974	250.118 ng/ml
Doxylamine	4.466	12440053	462900.7	94.81	∞	1462345	255.698 ng/ml
Duloxetine	5.626	357302	3073.6	9.92	7599.8	41187	240.309 ng/ml
EDDP	5.208	4543361	510966.4	42.41	103449.0	795945	253.422 ng/ml
Etizolam	5.785	256413	11620.1	395.59	∞	230118	238.278 ng/ml
Fentanyl	5.026	339508	9766.0	130.94	∞	573855	26.176 ng/ml
Flualprazolam	5.676	513242	22806.6	103.94	2589.0	86741	246.110 ng/ml
Fluorofentanyl	5.082	377510	138.2	117.26	5400.3	6806	24.194 ng/ml
Fluoxetine	5.693	2546122	157243.2	6.79	361356.9	323901	249.724 ng/ml
Hydrocodone	2.941	1338981	4856.0	38.83	∞	295046	249.193 ng/ml
Hydromorphone	1.537	1486134	∞	74.52	6239.2	167565	256.890 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.670	3171433	234644.8	116.60	10892.2	1247974	253.230 ng/ml
Ketamine	3.979	3380575	457065.4	37.33	182379.5	505152	252.921 ng/ml
Lamotrigine	4.228	176290	450889.4	97.05	∞	323901	255.218 ng/ml
Lorazepam	5.713	139329	∞	47.09	∞	50608	297.086 ng/ml
MDA	3.111	2404685	∞	28.50	16257.8	282200	217.908 ng/ml
MDMA	3.223	2831753	180237.8	103.29	136791.5	131923	250.364 ng/ml
Meprobamate	4.839	833199	47701.1	32.48	8676.6	118630	217.801 ng/ml
Methadone	5.630	7418890	163941.5	48.83	57978.5	949882	251.913 ng/ml
Methamphetamine	3.142	6827515	∞	38.14	235309.0	1225919	243.958 ng/ml
Metoprolol	4.268	753894	76322.1	95.39	282541390 728555.0	282200	257.177 ng/ml
Mirtazapine	4.543	7443402	703152.1	49.72	965326.9	645155	268.669 ng/ml
Mitragynine	5.153	1182985	131247.4	34.92	15743.1	1247974	256.407 ng/ml
Morphine	1.181	275756	∞	19.00	∞	10944	262.505 ng/ml
Norbuprenorphine	4.942	32671	1895.6	97.46	53062.9	19691	25.777 ng/ml
Nordiazepam	5.866	722742	∞	60.40	2876.3	86741	251.372 ng/ml
Norfentanyl	4.030	61595	134838.7	262.63	5648.8	640805	25.773 ng/ml
Noroxycodone	2.824	923397	10530.4	48.74	8087.6	136152	230.202 ng/ml
O-desmethyl-tramadol	3.309	8693665	371700.5	6.22	55780.9	1516027	247.738 ng/ml
O-Desmethylvenlafaxine	4.018	2064244	3310.7	246.84	47165.4	255141	247.646 ng/ml
Olanzapine	4.302	979870	12832.6	46.81	1008.6	82992	253.884 ng/ml
Oxazepam	5.720	247261	∞	72.97	3198.6	50608	244.838 ng/ml
Oxycodone	2.731	2878435	21721.9	29.85	10505.0	451046	258.948 ng/ml
Oxymorphone	1.339	2149539	∞	45.07	∞	276703	256.291 ng/ml
Promethazine	5.511	6138048	280535.5	36.71	339683.5	1045590	245.831 ng/ml
Pseudoephedrine	2.491	9285296	∞	16.79	∞	1247974	249.823 ng/ml
Quetiapine	5.481	5117477	77482.6	62.44	∞	313149	237.811 ng/ml
Sertraline	5.750	956340	127810.4	98.67	271162.4	143856	246.789 ng/ml
Temazepam	5.792	1566553	36375.9	29.80	1908.7	295241	258.194 ng/ml
Tramadol	4.182	7891466	∞	3.23	∞	1392242	244.843 ng/ml
Trazodone	4.989	3570217	156560.7	78.36	84056.6	755153	221.856 ng/ml
Venlafaxine	4.991	6230045	95583.2	43.07	62429.5	1240543	247.953 ng/ml
Zolpidem	4.769	8441356	190120.6	28.16	634108.9	1502581	246.527 ng/ml

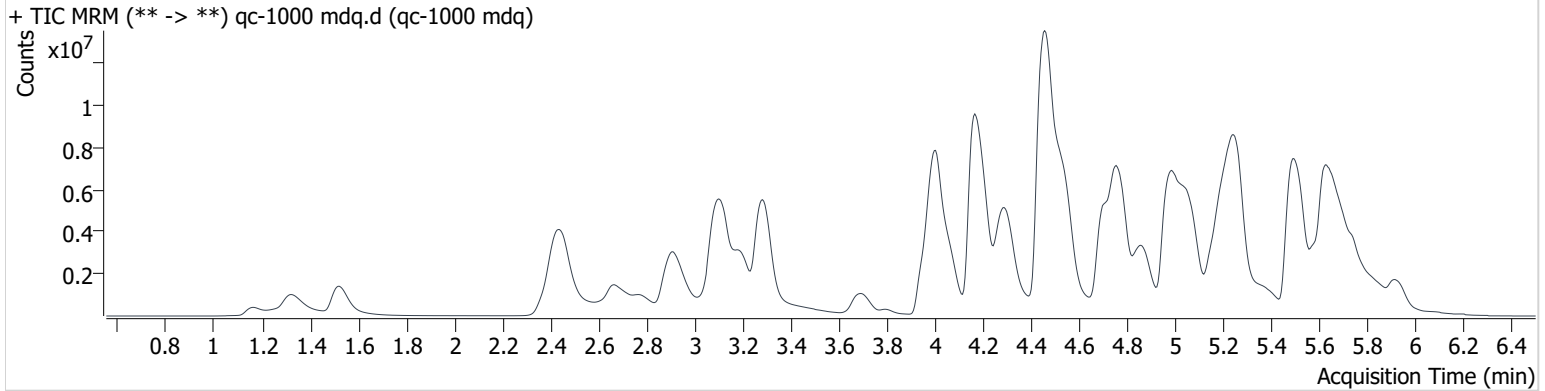
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 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-D5	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 5:11:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.036	190480	∞	135.07	413081040 2010790.0	49769	98.421 ng/ml
7-aminoclonazepam	4.155	561777	68815.7	110.57	550570.4	62373	500.407 ng/ml
a-hydroxyalprazolam	5.666	82560	4143.1	61.86	190.7	72584	804.757 ng/ml
alpha-PHP	4.864	3755569	245517.1	255.74	28957.0	356441	1113.790 ng/ml
alpha-PVP	4.291	10789622	339284.0	53.13	530120.1	356441	1066.465 ng/ml
Alprazolam	5.734	2790252	∞	93.21	∞	58135	1052.349 ng/ml
Amphetamine	2.918	3668720	∞	251.58	453645.4	247071	495.843 ng/ml
Benzoylcegonine	3.797	481876	45172.9	42.70	11562.5	14924	1046.126 ng/ml
Buprenorphine	5.633	112935	24821.7	14.61	3059.1	14831	105.656 ng/ml
Bupropion	4.704	11096918	3034884.3	66.91	508301.7	396351	943.136 ng/ml
Carisoprodol	5.700	736035	9751359.1	60.64	12931.5	25823	957.059 ng/ml
Chlorpheniramine	5.048	22122868	∞	0.32	46965.7	839423	1033.523 ng/ml
Citalopram	5.160	4793471	94328.9	42.08	207267.8	172142	973.518 ng/ml
Clonazepam	5.562	625304	21474.0	32.62	9000.5	11623	978.699 ng/ml
Clonazolam	5.534	935988	3732.6	37.63	∞	26953	950.192 ng/ml
Cocaine	4.200	6017276	272787.2	49.74	489020.4	457181	1012.717 ng/ml
Codeine	2.408	553474	11564.1	94.54	∞	32101	717.623 ng/ml
Cyclobenzaprine	5.585	6245963	∞	8.86	∞	192586	956.596 ng/ml
Dextromethorphan	5.203	3475091	∞	74.73	∞	148515	925.968 ng/ml
Dextrorphan	4.055	8134080	554039.0	44.52	277840.0	361100	1024.857 ng/ml
Diazepam	5.927	3388329	∞	86.43	∞	115074	1019.284 ng/ml
Dihydrocodeine	2.376	2577756	17644.0	64.36	3265.0	269505	675.558 ng/ml
Diphenhydramine	5.260	24389050	∞	30.17	427571.3	706752	1130.125 ng/ml
Doxylamine	4.456	33978887	∞	95.87	131347.3	1137122	898.988 ng/ml
Duloxetine	5.631	308550	444.2	11.93	682.7	9680	883.427 ng/ml
EDDP	5.202	12061543	302670.7	45.45	129290.2	526462	1017.072 ng/ml
Etizolam	5.779	522016	∞	398.32	72877.5	115074	969.811 ng/ml
Fentanyl	5.015	574960	13459.4	142.50	64153.4	247107	102.962 ng/ml
Flualprazolam	5.676	687226	13847.8	91.53	7454.2	26953	1061.358 ng/ml
Fluorofentanyl	5.087	830167	26136.3	111.78	6392.0	3243	111.367 ng/ml
Fluoxetine	5.698	3437993	208998.0	6.99	∞	109466	997.740 ng/ml
Hydrocodone	2.895	3827276	∞	39.91	∞	224003	939.655 ng/ml

AM #28 Multi-Drug Quant. Results

Buylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.522	3733492	∞	74.35	4388.7	106473	1015.936 ng/ml
Hydroxyzine	5.675	5160133	6808.2	131.20	2361943.2	582079	883.184 ng/ml
Ketamine	3.953	7022861	814906.4	37.19	44889.1	312445	851.245 ng/ml
Lamotrigine	4.218	183828	329756.0	94.87	∞	109466	786.725 ng/ml
Lorazepam	5.713	176804	16045.5	51.66	450370.9	13277	1432.329 ng/ml
MDA	3.065	3052945	∞	29.30	267938774 0436790.0	128982	606.439 ng/ml
MDMA	3.192	5997050	1152883.3	105.30	787197.6	70693	989.758 ng/ml
Meprobamate	4.818	1118246	21085.1	30.64	51374.2	51724	672.985 ng/ml
Methadone	5.625	17401200	191004.6	46.55	∞	552466	1016.681 ng/ml
Methamphetamine	3.107	13573737	1049269.0	37.61	271223.5	1002526	599.786 ng/ml
Metoprolol	4.247	1020034	3519495.1	97.73	∞	128982	761.205 ng/ml
Mirtazapine	4.533	17915263	1250580.9	48.51	428899.4	472196	883.541 ng/ml
Mitragynine	5.143	2556819	246297.6	36.14	51758.2	582079	1185.921 ng/ml
Morphine	1.166	671550	306284604133 980000.0	19.41	∞	7587	923.332 ng/ml
Norbuprenorphine	4.927	72717	38438.7	99.61	∞	11597	97.987 ng/ml
Nordiazepam	5.866	894605	10004.4	59.69	6745.9	26953	1001.815 ng/ml
Norfentanyl	4.015	83912	48534.3	274.36	17308.8	201509	111.567 ng/ml
Noroxycodone	2.778	1872557	∞	46.87	15535.9	55687	1140.140 ng/ml
O-desmethyl-tramadol	3.283	22815988	3518335.0	5.92	42803.7	985267	1001.309 ng/ml
O-Desmethylvenlafaxine	4.000	4077335	38902.0	244.17	102388.7	129557	963.702 ng/ml
Olanzapine	4.286	4093267	335.5	46.85	4464.4	98715	890.478 ng/ml
Oxazepam	5.715	259009	312662.5	73.80	87797.6	13277	977.102 ng/ml
Oxycodone	2.654	5905760	∞	29.80	∞	279943	859.649 ng/ml
Oxymorphone	1.319	4923136	∞	44.88	∞	171019	950.120 ng/ml
Promethazine	5.511	14214104	1224479.0	34.99	1060982.2	574437	1034.825 ng/ml
Pseudoephedrine	2.445	19476608	∞	15.94	∞	582079	1122.416 ng/ml
Quetiapine	5.470	10482194	∞	61.20	503799.2	180888	844.411 ng/ml
Sertraline	5.745	1056512	61629.7	100.43	307887.2	40596	965.366 ng/ml
Temazepam	5.797	1580834	407643.8	31.72	30273.5	72584	1059.721 ng/ml
Tramadol	4.161	17698208	∞	3.15	18968.3	801292	956.217 ng/ml
Trazodone	4.989	5181543	198667.9	78.62	49175.2	489082	497.918 ng/ml
Venlafaxine	4.981	14070994	192353.3	39.91	173529.9	662711	1046.500 ng/ml
Zolpidem	4.763	21410101	394162.3	27.75	221012.5	943712	996.507 ng/ml

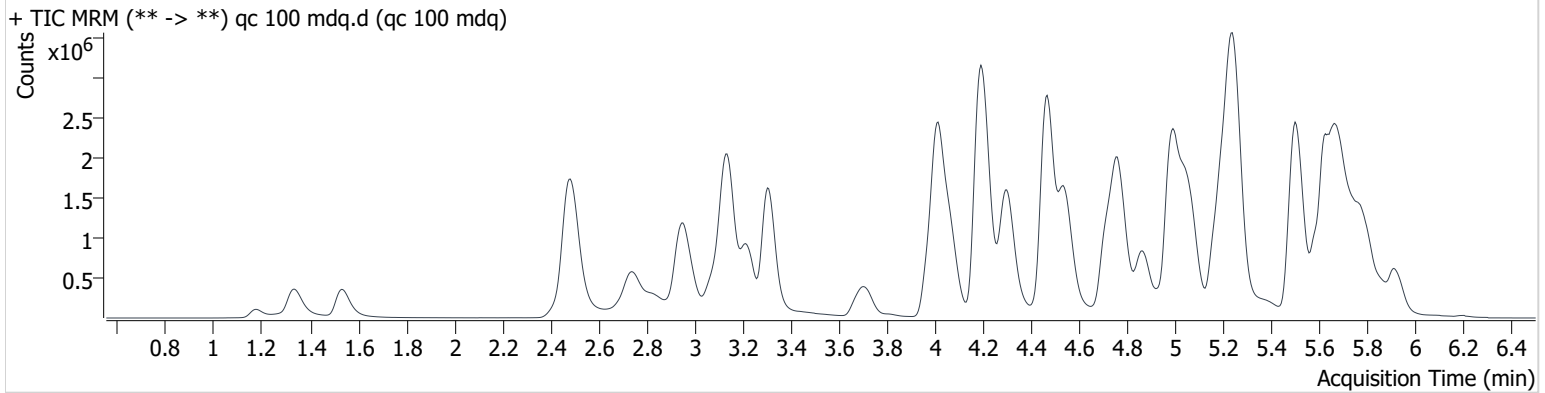
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	qc 100 mdq.d
Type	QC	Sample	qc 100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-B5	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 5:20:10 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	31875	∞	132.42	52188.9	78720	10.378 ng/ml
7-aminoclonazepam	4.185	421716	13965.8	113.70	21792.3	221125	105.440 ng/ml
a-hydroxyalprazolam	5.650	86906	∞	60.91	∞	523252	116.851 ng/ml
alpha-PHP	4.869	731838	87987.5	240.86	11051.7	786413	98.857 ng/ml
alpha-PVP	4.301	2255560	∞	54.68	76001.2	786413	101.322 ng/ml
Alprazolam	5.734	1103221	∞	93.23	∞	230698	104.949 ng/ml
Amphetamine	2.959	1253830	15276.5	273.35	28343.5	404747	101.540 ng/ml
Benzoylcegonine	3.817	51172	∞	42.39	9552.5	17543	94.103 ng/ml
Buprenorphine	5.633	68912	20537.9	16.69	2289.9	92285	10.149 ng/ml
Bupropion	4.720	2133453	241118.9	73.71	21124.1	652165	109.530 ng/ml
Carisoprodol	5.695	526116	14276967.7	60.34	4590.0	170252	103.515 ng/ml
Chlorpheniramine	5.058	3781160	48367.6	0.33	307.3	1487810	99.326 ng/ml
Citalopram	5.170	1883902	102429.5	41.01	20133.6	644689	102.035 ng/ml
Clonazepam	5.567	431523	180011.8	34.14	201801.0	77762	100.910 ng/ml
Clonazolam	5.518	589313	6901.1	36.76	9567.1	152378	105.672 ng/ml
Cocaine	4.210	1500675	67175.4	49.78	106789.0	1122819	102.810 ng/ml
Codeine	2.478	180784	84727.3	92.36	3149.2	75521	98.623 ng/ml
Cyclobenzaprine	5.590	1950254	106867.8	8.76	∞	565668	101.561 ng/ml
Dextromethorphan	5.213	1286020	40964.6	72.65	50665.5	539228	95.920 ng/ml
Dextrorphan	4.070	1618157	74421.1	45.34	∞	761832	97.279 ng/ml
Diazepam	5.917	836839	∞	86.26	∞	286405	101.421 ng/ml
Dihydrocodeine	2.447	540274	3720.3	63.39	1018.1	381814	99.333 ng/ml
Diphenhydramine	5.250	6696898	25215.4	31.30	41136.4	2280118	96.808 ng/ml
Doxylamine	4.466	5505393	123700.3	94.30	∞	1578687	104.628 ng/ml
Duloxetine	5.626	234343	971.2	11.21	448.2	63959	101.401 ng/ml
EDDP	5.208	2114371	58970.9	46.29	27669.6	1015763	92.431 ng/ml
Etizolam	5.779	131891	101191.7	398.53	24767.4	286405	98.524 ng/ml
Fentanyl	5.026	176990	5158.0	129.13	110548.1	762113	10.272 ng/ml
Flualprazolam	5.666	358587	2415.6	101.15	4143.1	152378	97.730 ng/ml
Fluorofentanyl	5.076	178853	3458.0	116.50	2346.3	8257	9.496 ng/ml
Fluoxetine	5.687	1667628	55820.7	6.92	∞	541203	97.889 ng/ml
Hydrocodone	2.936	648117	26317.7	39.21	7363.7	348265	101.872 ng/ml
Hydromorphone	1.537	723800	10664.8	74.82	3095.7	205031	102.195 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.665	1690832	17296.4	116.13	15996.4	1676649	100.536 ng/ml
Ketamine	3.979	1691776	48848.6	37.30	10441.8	597299	106.615 ng/ml
Lamotrigine	4.223	107701	11886.2	98.61	536762801 48025.1	541203	93.539 ng/ml
Lorazepam	5.713	115222	∞	47.62	∞	123769	101.265 ng/ml
MDA	3.121	1656345	18212.9	28.70	23486.2	405346	104.158 ng/ml
MDMA	3.218	1418554	33140.1	108.48	38672.0	168481	98.143 ng/ml
Meprobamate	4.844	527822	12441.2	31.51	10749.5	161130	100.925 ng/ml
Methadone	5.625	3598470	∞	49.89	52751.8	1107484	104.651 ng/ml
Methamphetamine	3.142	3424105	159283.1	38.79	13522.7	1330740	110.194 ng/ml
Metoprolol	4.273	434293	41419.0	96.80	14965.9	405346	103.176 ng/ml
Mirtazapine	4.543	3510545	∞	49.69	28036.2	750666	108.894 ng/ml
Mitragynine	5.153	602505	143275494127 350.0	32.90	22994.9	1676649	97.584 ng/ml
Morphine	1.176	134757	∞	18.46	∞	13788	101.537 ng/ml
Norbuprenorphine	4.937	15610	21854.5	100.91	26344.7	23203	10.330 ng/ml
Nordiazepam	5.866	505523	3829.2	59.68	32914.3	152378	99.989 ng/ml
Norfentanyl	4.030	36018	8041.9	269.10	41835.9	966345	10.010 ng/ml
Noroxycodone	2.824	502508	2172.4	49.76	3292.2	186121	91.825 ng/ml
O-desmethyl-tramadol	3.309	3989386	79940.3	6.42	29306.2	1714002	100.379 ng/ml
O-Desmethylvenlafaxine	4.018	1072751	3391.8	239.37	16836.9	327671	100.129 ng/ml
Olanzapine	4.302	862235	1002.0	47.14	684.4	186579	99.653 ng/ml
Oxazepam	5.720	248083	∞	71.33	2158.6	123769	100.545 ng/ml
Oxycodone	2.736	1437394	∞	31.73	23137.5	537769	107.542 ng/ml
Oxymorphone	1.334	1056663	∞	45.13	∞	340217	102.378 ng/ml
Promethazine	5.511	2783786	31601.5	39.50	18687.0	1263272	92.547 ng/ml
Pseudoephedrine	2.491	4849942	∞	16.84	18753.5	1676649	97.316 ng/ml
Quetiapine	5.481	2627860	94700.6	64.92	37551.0	369282	103.304 ng/ml
Sertraline	5.750	574743	16316.9	99.66	77991.8	213731	99.984 ng/ml
Temazepam	5.792	1124648	4361.4	29.01	2148.9	523252	104.603 ng/ml
Tramadol	4.187	3793032	∞	3.44	2284.3	1594826	102.306 ng/ml
Trazodone	4.989	1897865	104975.5	80.71	18365.4	869618	102.079 ng/ml
Venlafaxine	4.986	2842871	180864.0	45.55	18349.2	1462574	96.313 ng/ml
Zolpidem	4.764	3972698	168745.5	27.47	36597.5	1732131	100.462 ng/ml

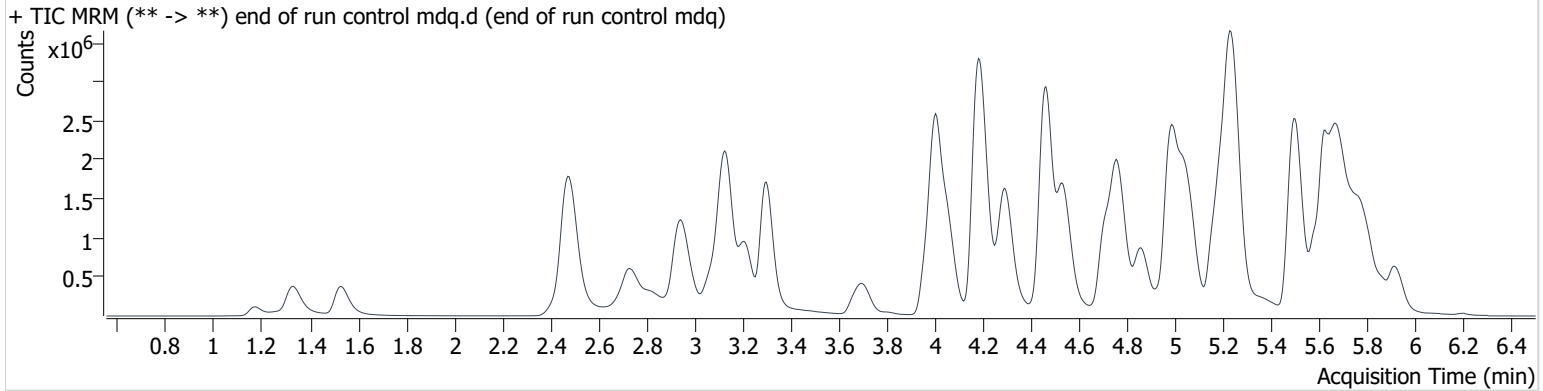
AM #28 Multi-Drug Quant. Results

Bylye

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
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Instrument	69679	Data File	end of run control mdq.d
Type	Sample	Sample	end of run control mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-E5	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 9:41:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.067	33219	177496.6	132.67	348639.2	85213	9.990 ng/ml
7-aminoclonazepam	4.180	396238	25450.9	114.32	50349.1	205214	106.759 ng/ml
a-hydroxyalprazolam	5.650	82485	1799.0	69.81	253.1	561477	103.268 ng/ml
alpha-PHP	4.864	751320	38188.2	250.71	53444.0	816810	97.718 ng/ml
alpha-PVP	4.296	2357968	1149487.9	54.47	108433.2	816810	101.978 ng/ml
Alprazolam	5.734	1234479	∞	91.79	11638.2	248998	108.800 ng/ml
Amphetamine	2.949	1325817	22808.6	266.18	279093.8	445475	97.459 ng/ml
Benzoylcegonine	3.807	54089	13319.5	41.54	878.1	17831	97.877 ng/ml
Buprenorphine	5.638	71946	78658.6	15.51	599.9	90089	10.870 ng/ml
Bupropion	4.709	2209609	336254.8	73.64	61188.0	675354	109.545 ng/ml
Carisoprodol	5.695	538110	2012210.0	62.42	9999.1	187087	96.328 ng/ml
Chlorpheniramine	5.048	3930354	64963.7	0.31	1356.4	1567237	98.007 ng/ml
Citalopram	5.165	1921491	97342.0	42.70	3348595.6	674880	99.412 ng/ml
Clonazepam	5.567	464491	33318.9	33.34	∞	81484	103.660 ng/ml
Clonazolam	5.513	615785	326569.5	37.68	73702.2	153720	109.461 ng/ml
Cocaine	4.200	1524285	385317.4	50.57	327292.5	1208725	97.004 ng/ml
Codeine	2.473	185263	192590.7	96.43	∞	79242	96.293 ng/ml
Cyclobenzaprine	5.590	2043474	947864.0	8.56	2388.7	606114	99.311 ng/ml
Dextromethorphan	5.203	1314145	45081.2	73.13	5969875.1	565918	93.440 ng/ml
Dextrorphan	4.060	1695324	334104.0	44.76	∞	805461	96.404 ng/ml
Diazepam	5.922	875121	∞	85.66	∞	303562	100.070 ng/ml
Dihydrocodeine	2.442	551261	306.9	64.87	14120.9	399711	96.797 ng/ml
Diphenhydramine	5.245	6924533	418319.6	31.43	129127.1	2345559	97.303 ng/ml
Doxylamine	4.464	5633571	393972.0	95.18	∞	1706639	99.019 ng/ml
Duloxetine	5.620	247547	1642.6	11.03	2770.2	68180	100.482 ng/ml
EDDP	5.202	1999008	318542.5	44.73	78957.5	933340	95.104 ng/ml
Etizolam	5.779	138863	15301.6	404.61	129619.0	303562	97.870 ng/ml
Fentanyl	5.021	180841	10859.9	130.00	∞	791344	10.108 ng/ml
Flualprazolam	5.666	378486	9231.9	99.64	14195.3	153720	102.264 ng/ml
Fluorofentanyl	5.071	190198	117614.6	113.82	1061.1	8366	9.963 ng/ml
Fluoxetine	5.693	1653306	78803.2	7.30	44668.1	577450	90.957 ng/ml
Hydrocodone	2.926	682657	∞	38.25	118346.6	368348	101.449 ng/ml
Hydromorphone	1.532	775617	∞	74.43	44874.4	220585	101.789 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.670	1773472	4924.7	115.73	337287.0	1701657	103.898 ng/ml
Ketamine	3.969	1738281	165661.6	37.49	12965.6	630502	103.757 ng/ml
Lamotrigine	4.218	113171	8269.0	99.82	369637.6	577450	92.125 ng/ml
Lorazepam	5.713	124720	∞	47.34	∞	134284	101.032 ng/ml
MDA	3.111	1666437	145414.6	29.80	∞	425938	99.699 ng/ml
MDMA	3.213	1445448	2844403.2	108.92	262617.3	178619	94.324 ng/ml
Meprobamate	4.839	546906	114568.5	31.53	8263.2	164900	102.199 ng/ml
Methadone	5.625	3711922	679079.1	50.40	70137.4	1185634	100.826 ng/ml
Methamphetamine	3.132	3564010	231837.1	38.45	171180.4	1412165	107.993 ng/ml
Metoprolol	4.263	446274	∞	99.74	84207.0	425938	100.898 ng/ml
Mirtazapine	4.533	3595432	540223.9	50.16	1045339.8	809891	103.371 ng/ml
Mitragynine	5.148	609150	19955.5	33.85	7809.6	1701657	97.213 ng/ml
Morphine	1.171	144994	∞	18.56	∞	14393	104.674 ng/ml
Norbuprenorphine	4.932	16647	30427.2	95.54	66523.3	25146	10.161 ng/ml
Nordiazepam	5.866	515183	20567.3	60.40	11058.9	153720	101.011 ng/ml
Norfentanyl	4.020	37628	129557.0	267.59	2484.8	1000165	10.104 ng/ml
Noroxycodone	2.818	534109	11287.1	49.10	2726.6	200955	90.400 ng/ml
O-desmethyl-tramadol	3.299	4131515	∞	6.34	18245.8	1796216	99.193 ng/ml
O-Desmethylvenlafaxine	4.008	1111513	7687.2	239.39	11898.0	345824	98.299 ng/ml
Olanzapine	4.302	798454	4486.1	46.25	1475.3	180914	95.192 ng/ml
Oxazepam	5.715	252474	∞	75.00	∞	134284	94.323 ng/ml
Oxycodone	2.726	1529410	65667.7	31.07	42324.2	575459	106.924 ng/ml
Oxymorphone	1.329	1128709	∞	44.66	∞	363813	102.266 ng/ml
Promethazine	5.505	2941882	3777603.3	38.40	55217.4	1310072	94.301 ng/ml
Pseudoephedrine	2.484	4984692	∞	16.94	∞	1701657	98.546 ng/ml
Quetiapine	5.476	2759950	1599533.3	61.12	35388310.6	386691	103.614 ng/ml
Sertraline	5.750	606873	237412.8	98.36	182738.2	231937	97.294 ng/ml
Temazepam	5.787	1174058	491815.3	29.65	2898.5	561477	101.765 ng/ml
Tramadol	4.182	3939561	∞	3.36	2207.0	1696591	99.868 ng/ml
Trazodone	4.989	1959790	1276445.5	78.69	235661.8	870468	105.326 ng/ml
Venlafaxine	4.981	2939215	905565.2	45.96	94154.4	1528198	95.306 ng/ml
Zolpidem	4.768	4060424	997340.7	27.84	106008.0	1812348	98.128 ng/ml

AM #28 Multi-Drug Quant. Results

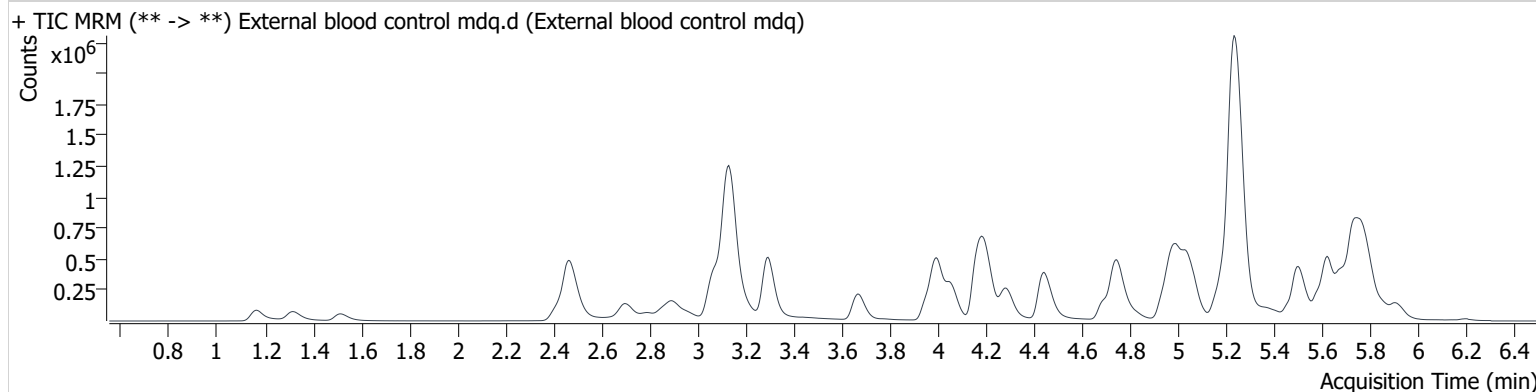
B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	External blood control mdq.d
Type	Sample	Sample	External blood control mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-G7	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 9:32:58 PM		

Sample Info.

Sample Chromatogram



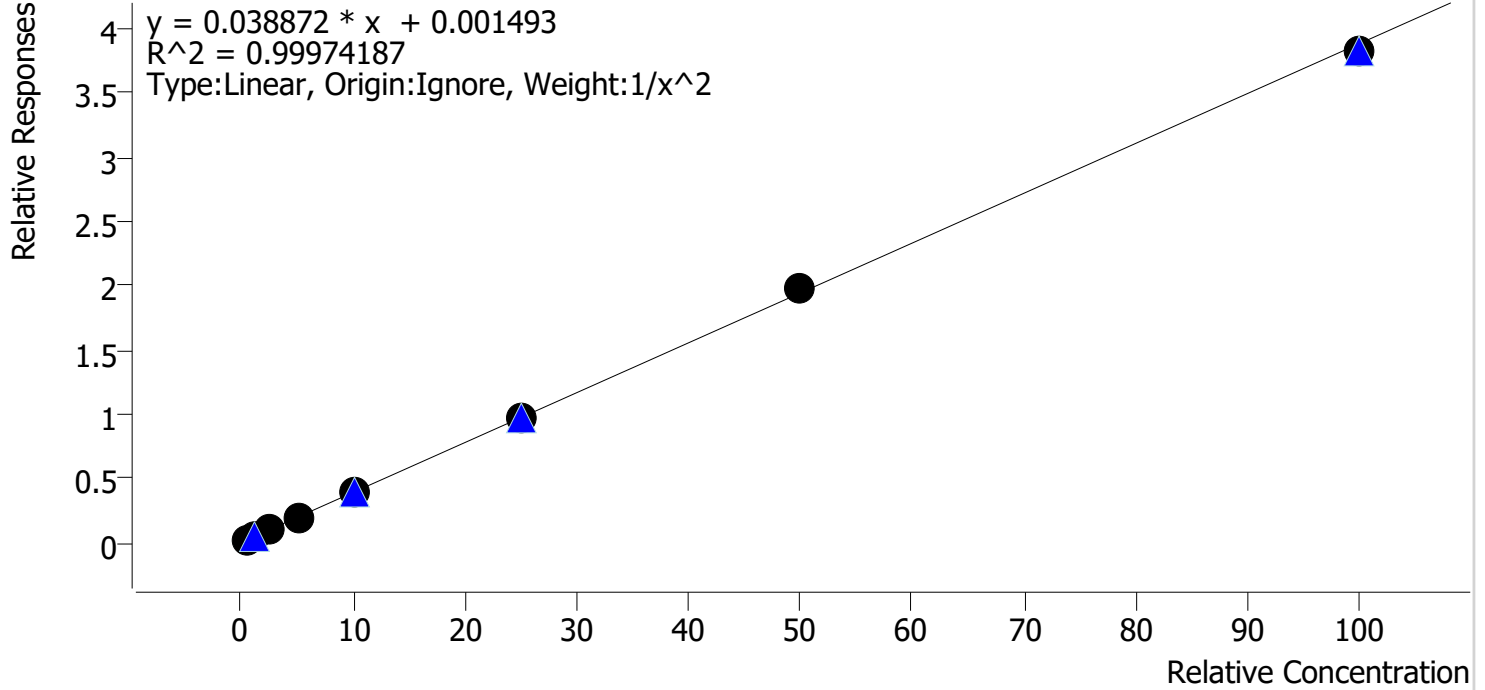
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.734	1137710	∞	93.99	∞	308211	81.035 ng/ml
Diphenhydramine	5.242	4854795	∞	30.48	68781.0	2508455	64.023 ng/ml
Methamphetamine	3.132	2663854	∞	38.75	57956.2	1292138	87.358 ng/ml
Morphine	1.166	110704	∞	18.42	∞	14229	80.734 ng/ml

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



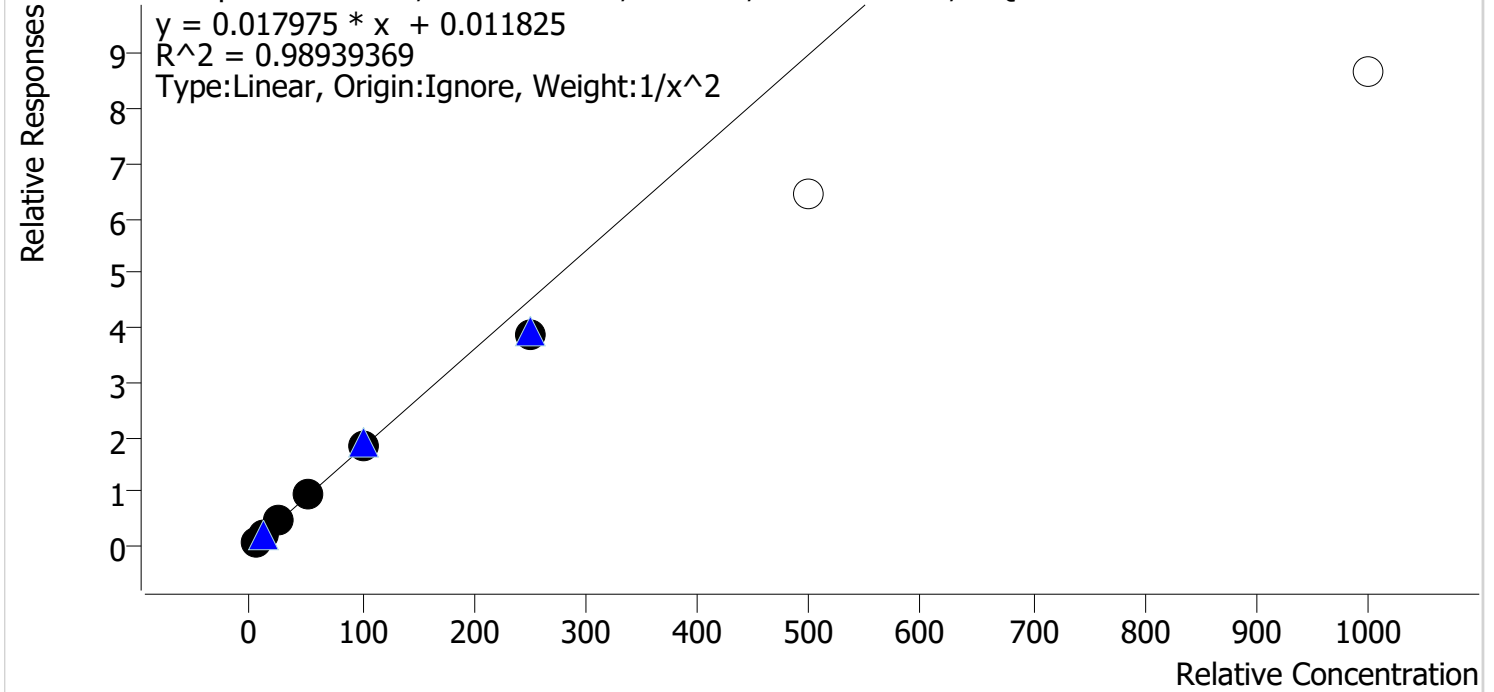
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	0.5	0.5	101.0
cal 2 mdqr	2	✓	1.0	1.0	98.0
cal 3 mdqr	3	✓	2.5	2.5	99.9
cal 4 mdqr	4	✓	5.0	5.0	100.3
cal 5 mdqr	5	✓	10.0	10.0	99.6
cal 6 mdqr	6	✓	25.0	25.2	101.0
cal 7 mdqr	7	✓	50.0	51.0	102.0
cal 8 mdqr	8	✓	100.0	98.2	98.2

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** **7-Aminoclonazepam-D4**

7-aminoclonazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



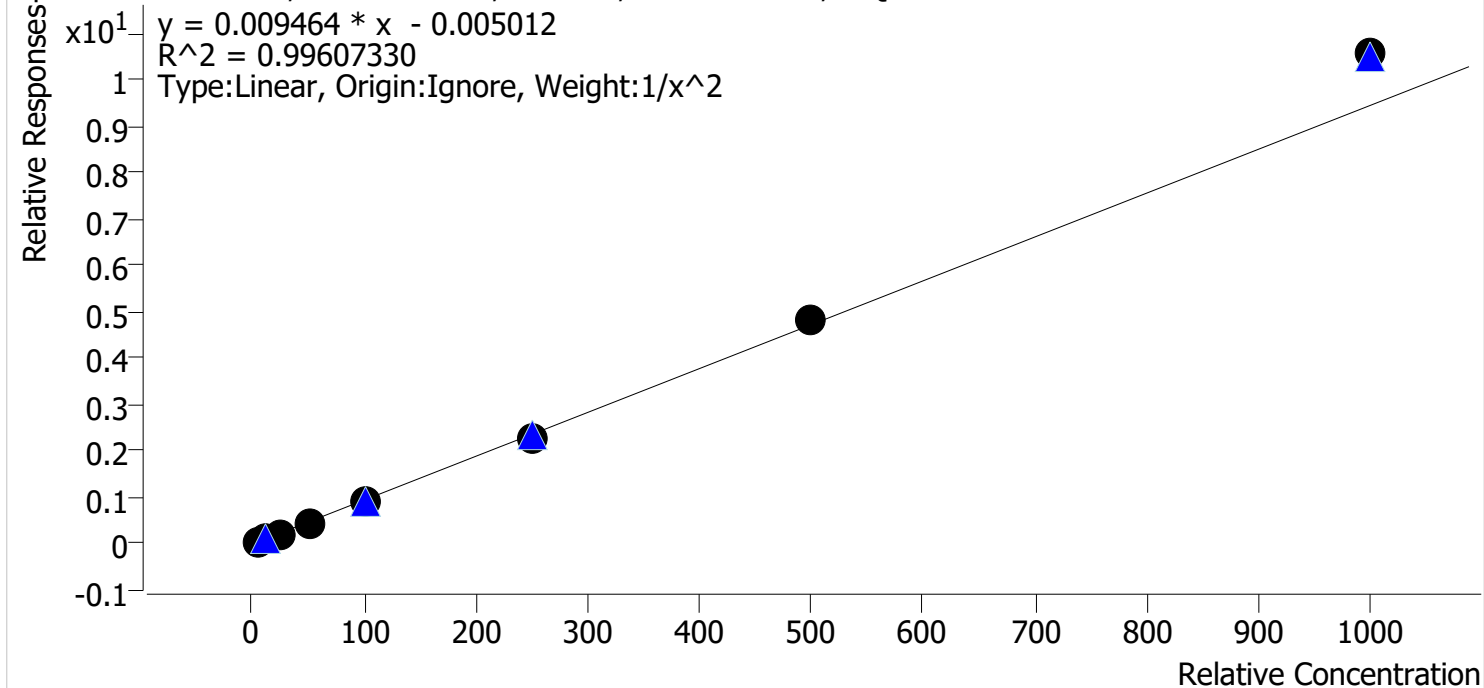
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.7	94.5
cal 2 mdqr	2	✓	10.0	10.8	108.3
cal 3 mdqr	3	✓	25.0	26.5	105.8
cal 4 mdqr	4	✓	50.0	52.1	104.2
cal 5 mdqr	5	✓	100.0	101.5	101.5
cal 6 mdqr	6	✓	250.0	214.4	85.7
cal 7 mdqr	7	✗	500.0	356.4	71.3
cal 8 mdqr	8	✗	1000.0	481.3	48.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



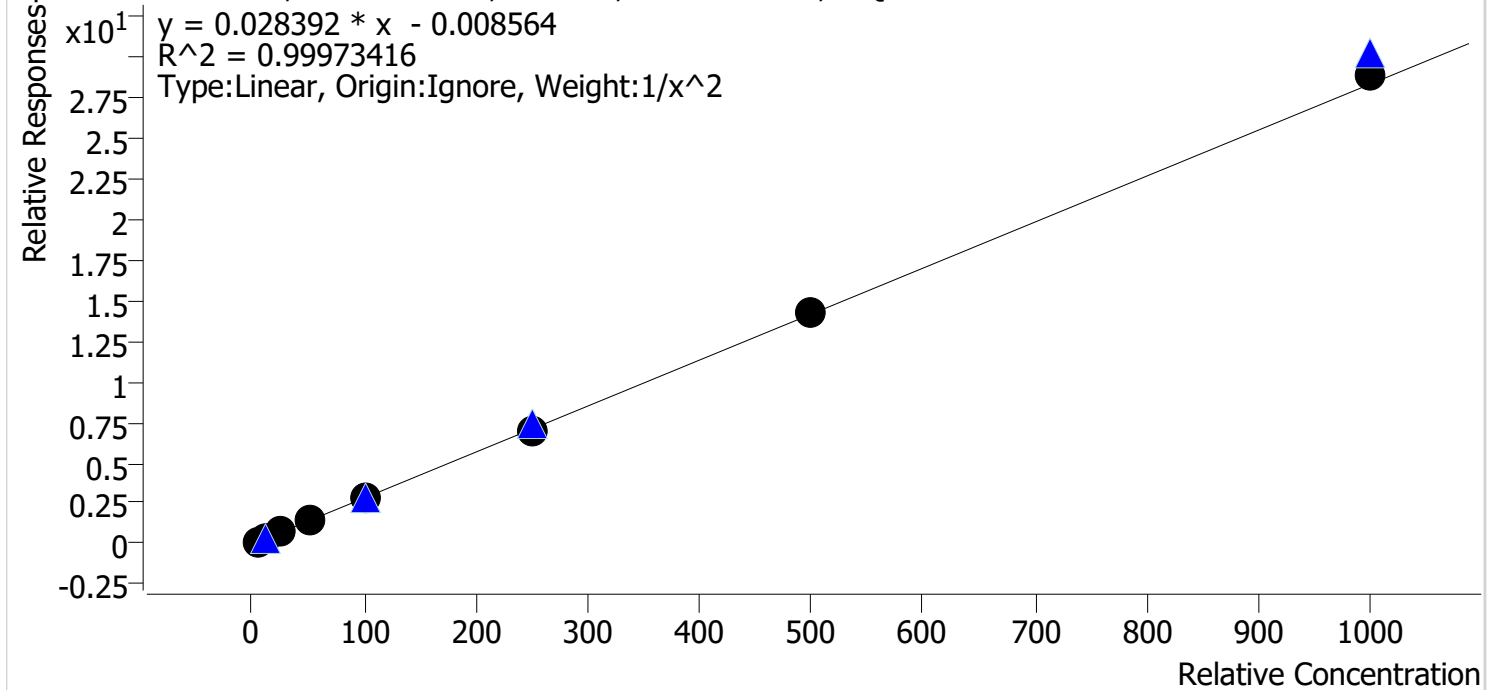
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.8
cal 2 mdqr	2	✓	10.0	10.0	99.6
cal 3 mdqr	3	✓	25.0	23.7	94.8
cal 4 mdqr	4	✓	50.0	47.8	95.5
cal 5 mdqr	5	✓	100.0	97.4	97.4
cal 6 mdqr	6	✓	250.0	243.0	97.2
cal 7 mdqr	7	✓	500.0	509.0	101.8
cal 8 mdqr	8	✓	1000.0	1118.2	111.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 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

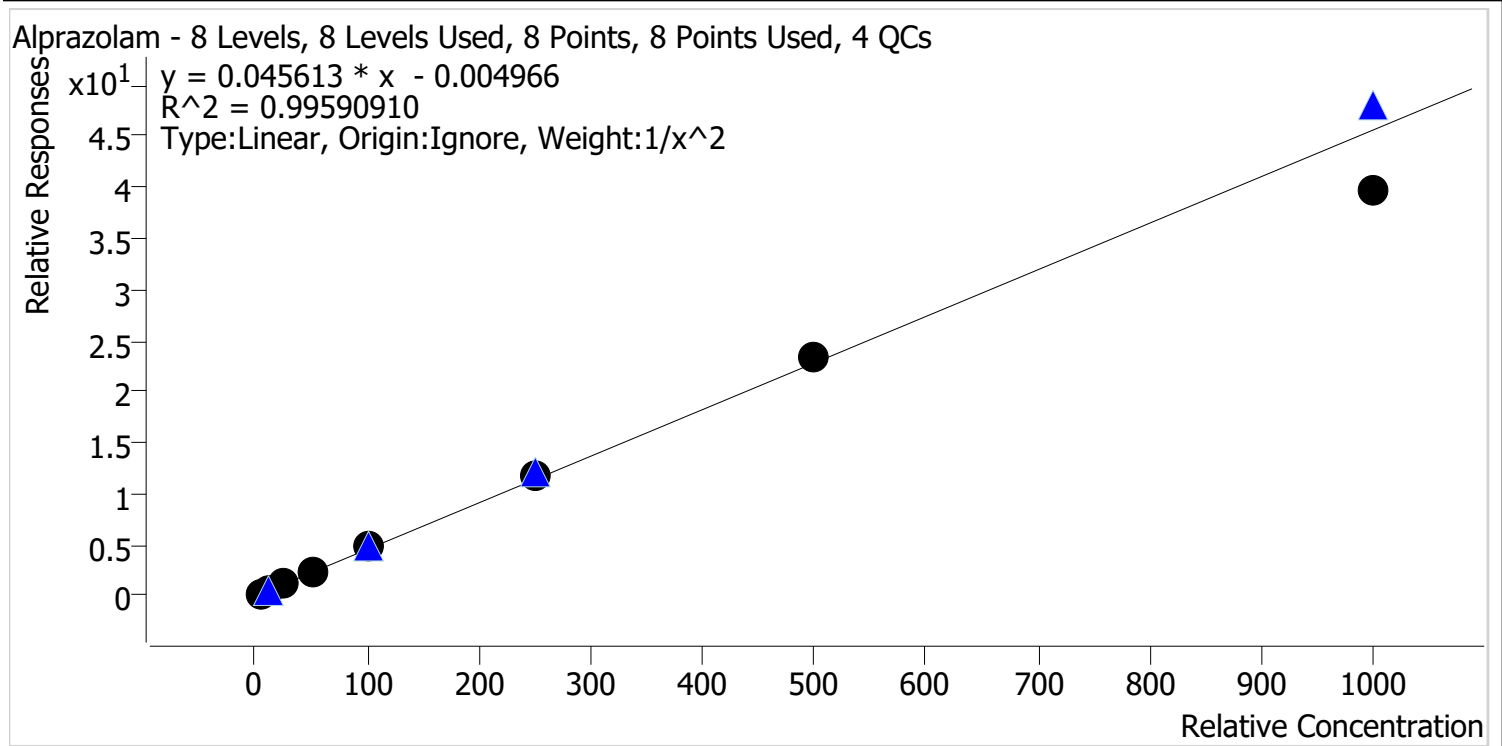


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.8
cal 2 mdqr	2	✓	10.0	9.9	98.6
cal 3 mdqr	3	✓	25.0	24.9	99.6
cal 4 mdqr	4	✓	50.0	50.1	100.2
cal 5 mdqr	5	✓	100.0	98.6	98.6
cal 6 mdqr	6	✓	250.0	246.2	98.5
cal 7 mdqr	7	✓	500.0	507.0	101.4
cal 8 mdqr	8	✓	1000.0	1022.3	102.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\lam 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

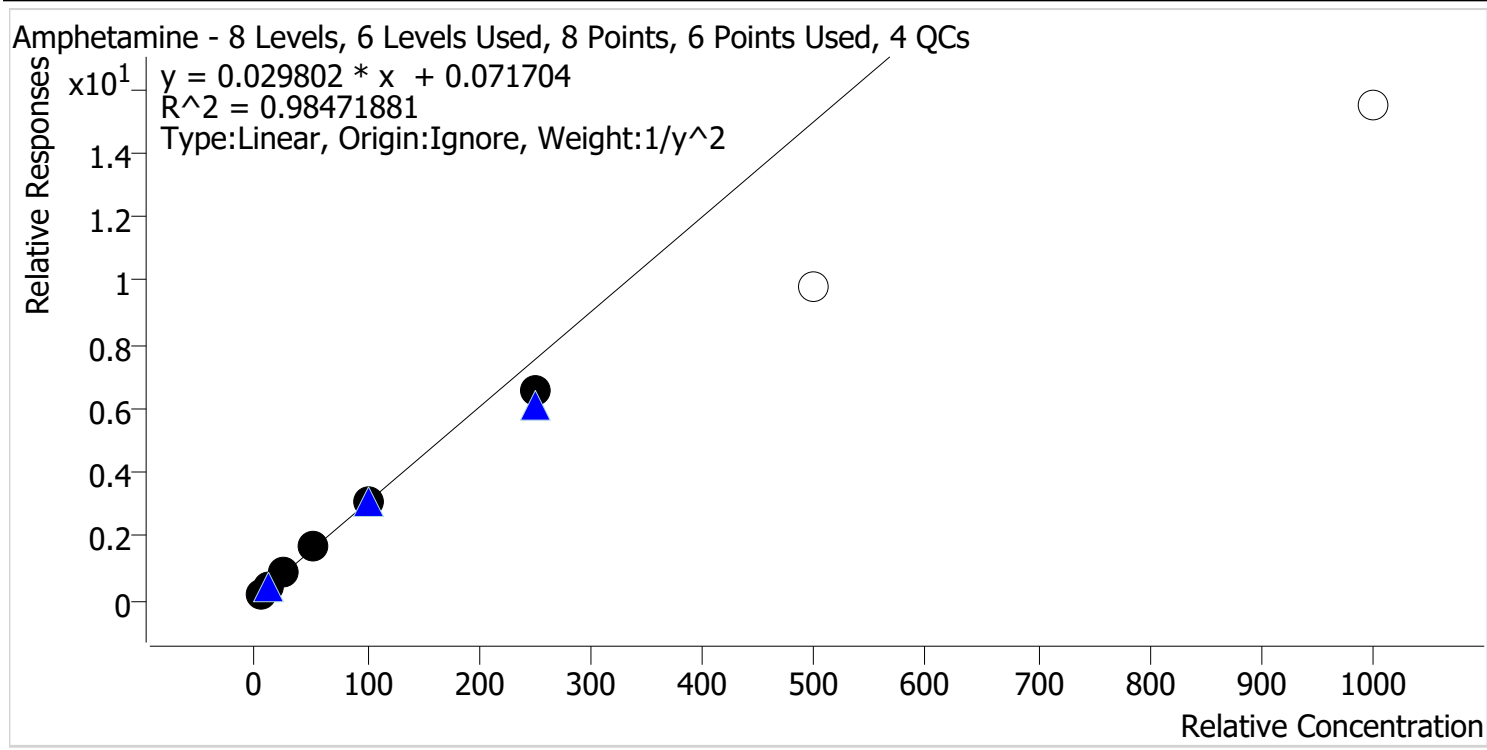


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.4
cal 2 mdqr	2	✓	10.0	10.0	100.0
cal 3 mdqr	3	✓	25.0	25.2	100.7
cal 4 mdqr	4	✓	50.0	50.8	101.7
cal 5 mdqr	5	✓	100.0	104.8	104.8
cal 6 mdqr	6	✓	250.0	261.1	104.4
cal 7 mdqr	7	✓	500.0	509.5	101.9
cal 8 mdqr	8	✓	1000.0	870.8	87.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



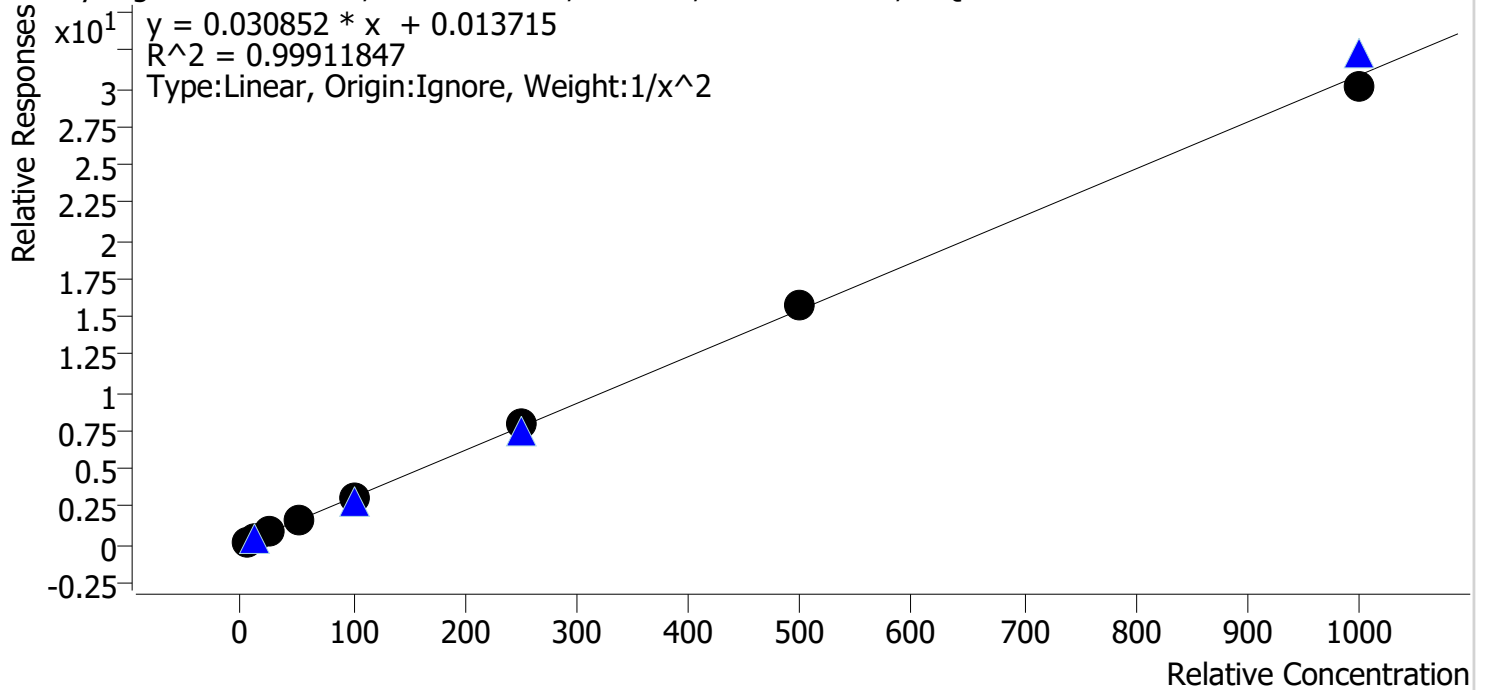
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.5	90.9
cal 2 mdqr	2	✓	10.0	11.0	110.0
cal 3 mdqr	3	✓	25.0	27.7	110.9
cal 4 mdqr	4	✓	50.0	54.5	109.1
cal 5 mdqr	5	✓	100.0	102.0	102.0
cal 6 mdqr	6	✓	250.0	216.9	86.8
cal 7 mdqr	7	✗	500.0	325.3	65.1
cal 8 mdqr	8	✗	1000.0	516.4	51.6

Compound Calibration Report

Boylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



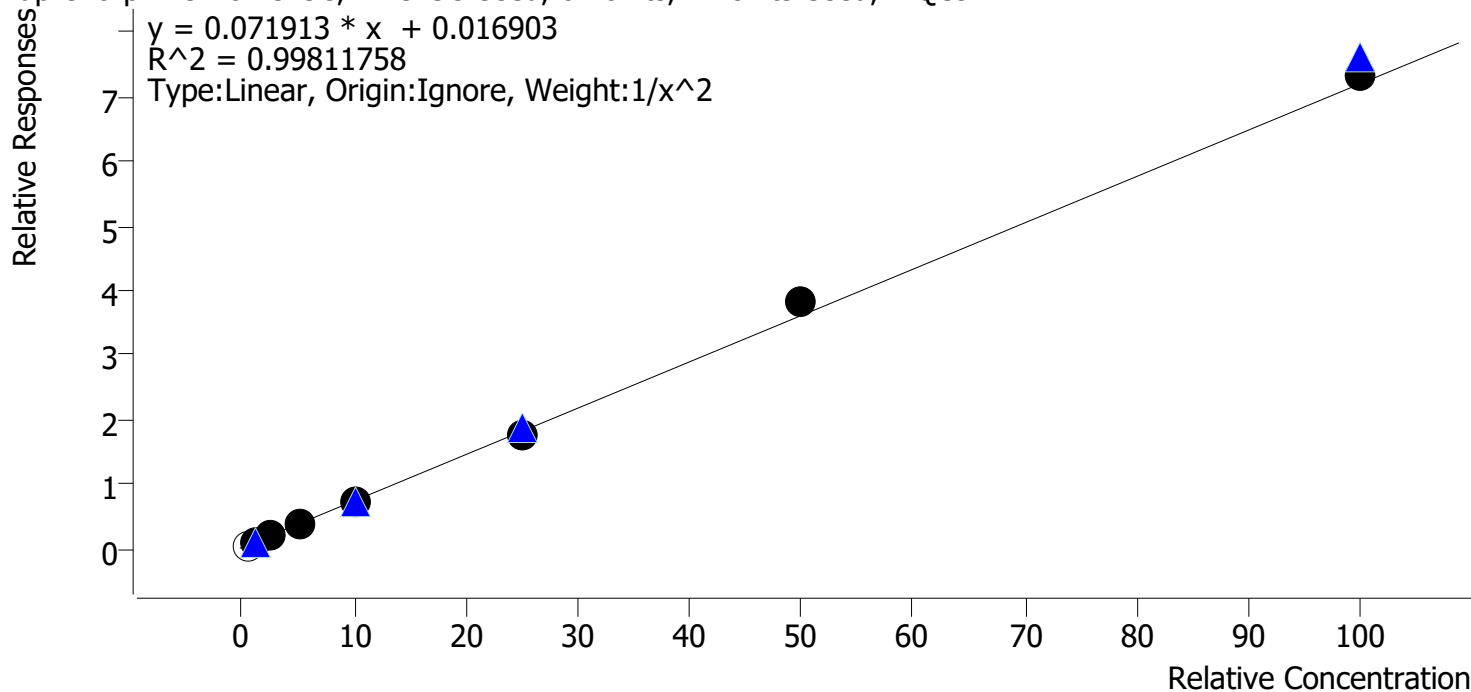
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	102.4
cal 2 mdqr	2	✓	10.0	9.5	95.2
cal 3 mdqr	3	✓	25.0	24.9	99.7
cal 4 mdqr	4	✓	50.0	49.7	99.5
cal 5 mdqr	5	✓	100.0	100.8	100.8
cal 6 mdqr	6	✓	250.0	256.0	102.4
cal 7 mdqr	7	✓	500.0	511.5	102.3
cal 8 mdqr	8	✓	1000.0	976.9	97.7

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



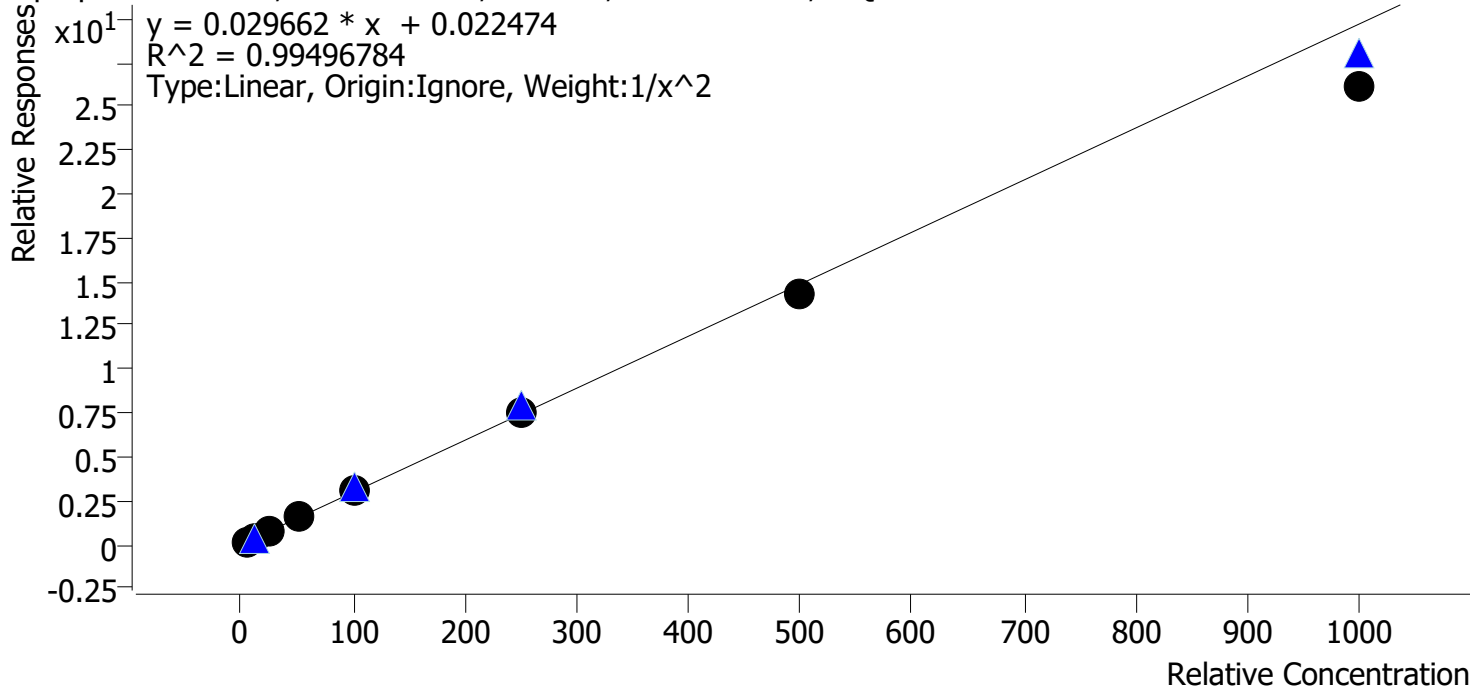
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	x	0.5	0.3	65.0
cal 2 mdqr	2	✓	1.0	1.0	101.3
cal 3 mdqr	3	✓	2.5	2.5	99.8
cal 4 mdqr	4	✓	5.0	4.7	94.9
cal 5 mdqr	5	✓	10.0	9.8	97.6
cal 6 mdqr	6	✓	25.0	24.6	98.3
cal 7 mdqr	7	✓	50.0	53.3	106.7
cal 8 mdqr	8	✓	100.0	101.5	101.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



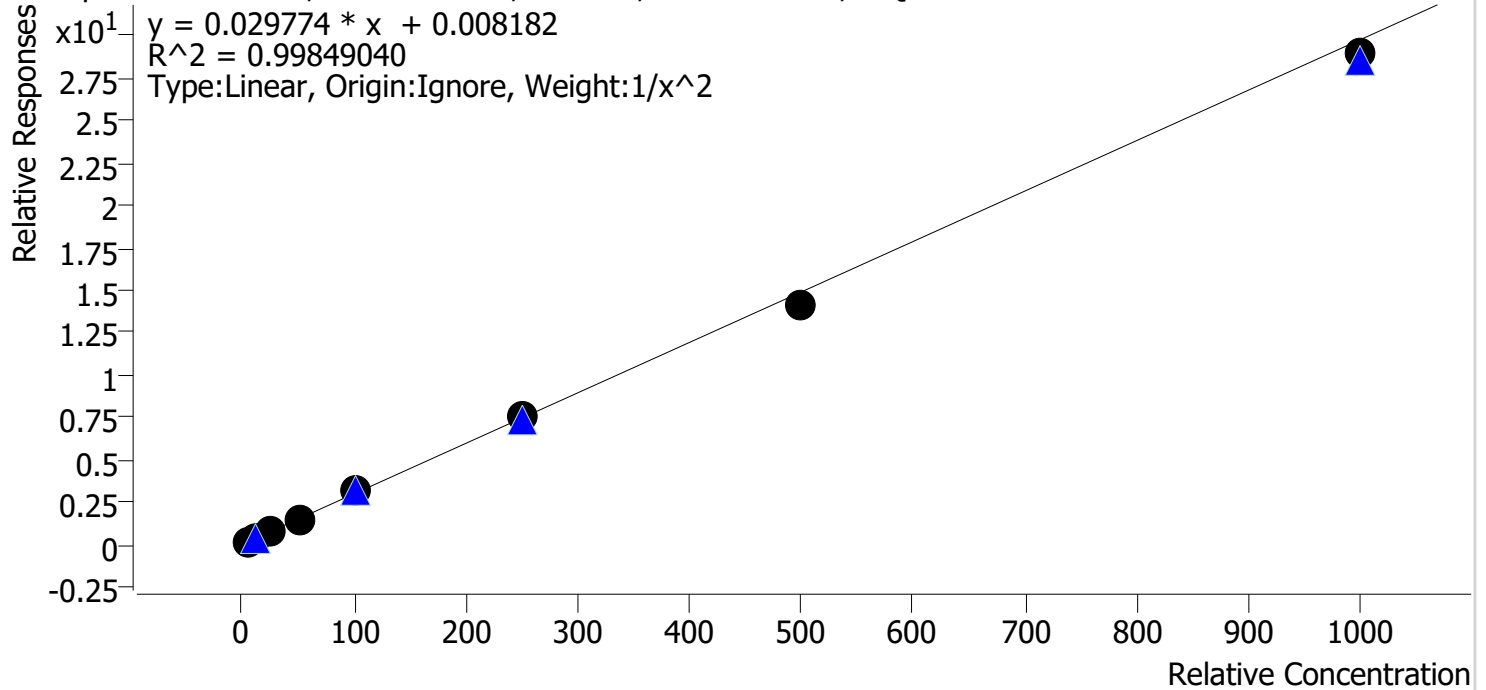
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.3
cal 2 mdqr	2	✓	10.0	10.0	99.7
cal 3 mdqr	3	✓	25.0	26.3	105.4
cal 4 mdqr	4	✓	50.0	52.7	105.4
cal 5 mdqr	5	✓	100.0	106.6	106.6
cal 6 mdqr	6	✓	250.0	252.3	100.9
cal 7 mdqr	7	✓	500.0	478.9	95.8
cal 8 mdqr	8	✓	1000.0	880.0	88.0

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

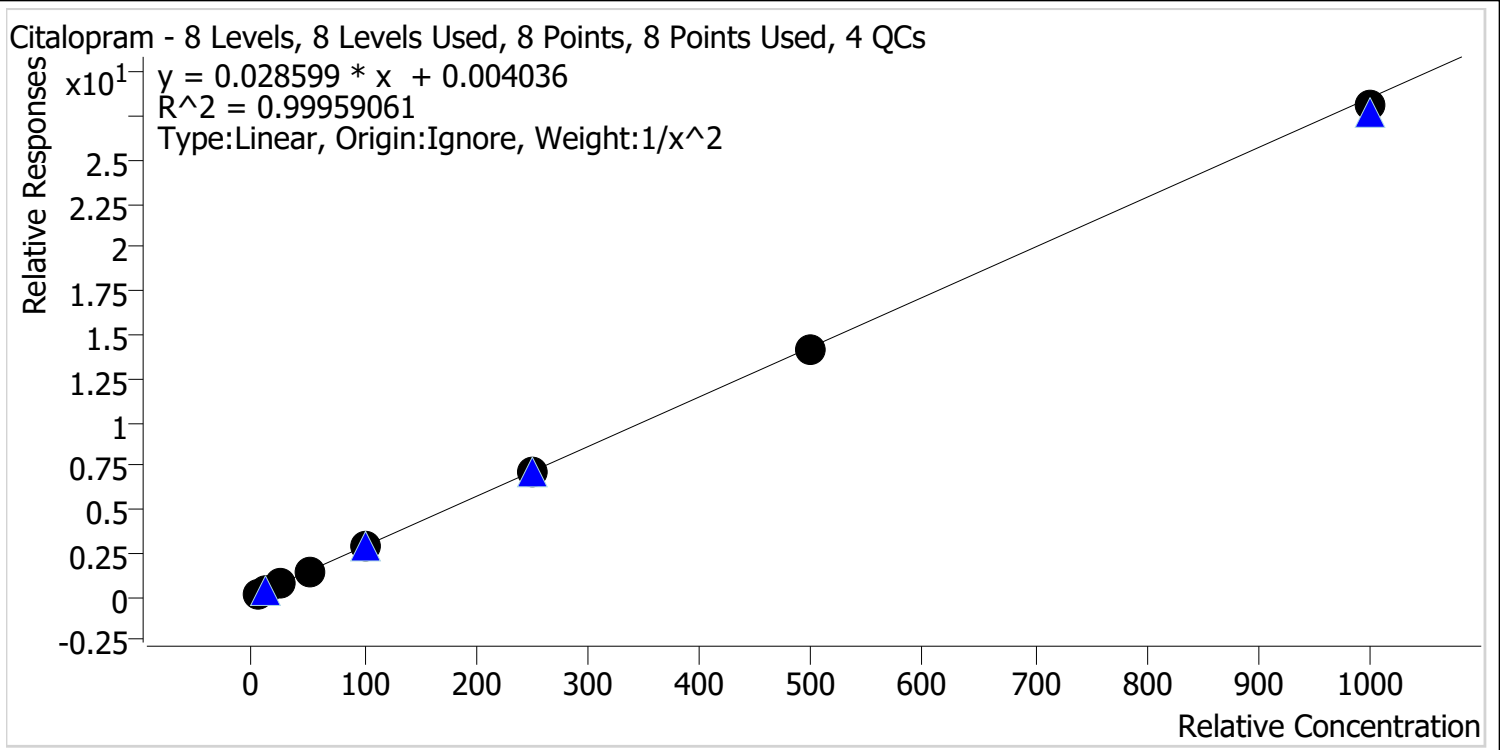


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.0
cal 2 mdqr	2	✓	10.0	10.3	102.5
cal 3 mdqr	3	✓	25.0	25.6	102.6
cal 4 mdqr	4	✓	50.0	50.1	100.2
cal 5 mdqr	5	✓	100.0	104.6	104.6
cal 6 mdqr	6	✓	250.0	251.5	100.6
cal 7 mdqr	7	✓	500.0	471.0	94.2
cal 8 mdqr	8	✓	1000.0	972.5	97.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

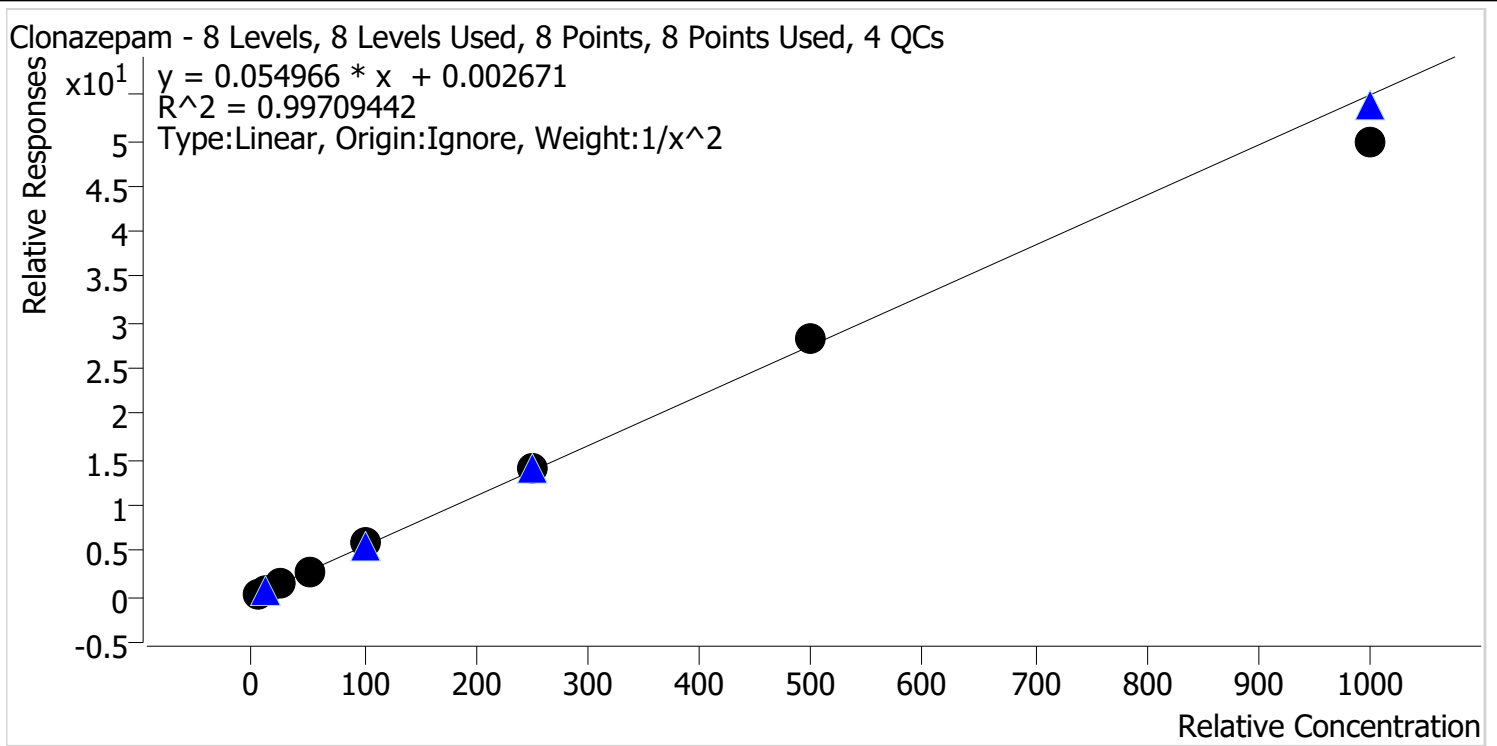


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.9
cal 2 mdqr	2	✓	10.0	9.7	97.3
cal 3 mdqr	3	✓	25.0	25.5	102.1
cal 4 mdqr	4	✓	50.0	49.8	99.6
cal 5 mdqr	5	✓	100.0	102.5	102.5
cal 6 mdqr	6	✓	250.0	249.7	99.9
cal 7 mdqr	7	✓	500.0	496.9	99.4
cal 8 mdqr	8	✓	1000.0	984.2	98.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



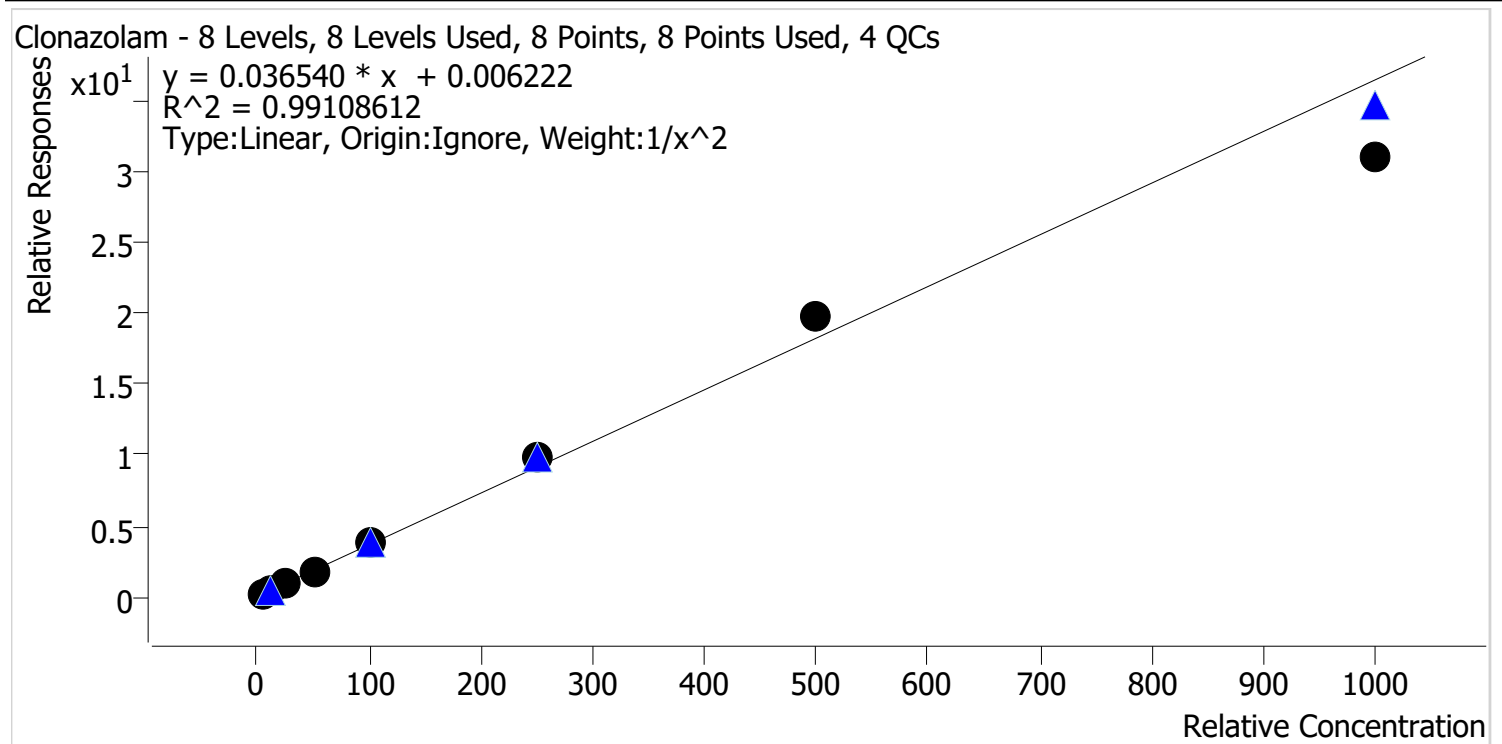
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.4
cal 2 mdqr	2	✓	10.0	9.6	96.3
cal 3 mdqr	3	✓	25.0	24.9	99.4
cal 4 mdqr	4	✓	50.0	51.6	103.2
cal 5 mdqr	5	✓	100.0	105.0	105.0
cal 6 mdqr	6	✓	250.0	252.6	101.0
cal 7 mdqr	7	✓	500.0	515.9	103.2
cal 8 mdqr	8	✓	1000.0	904.5	90.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Clonazolam

Internal Standard Nordiazepam-D5



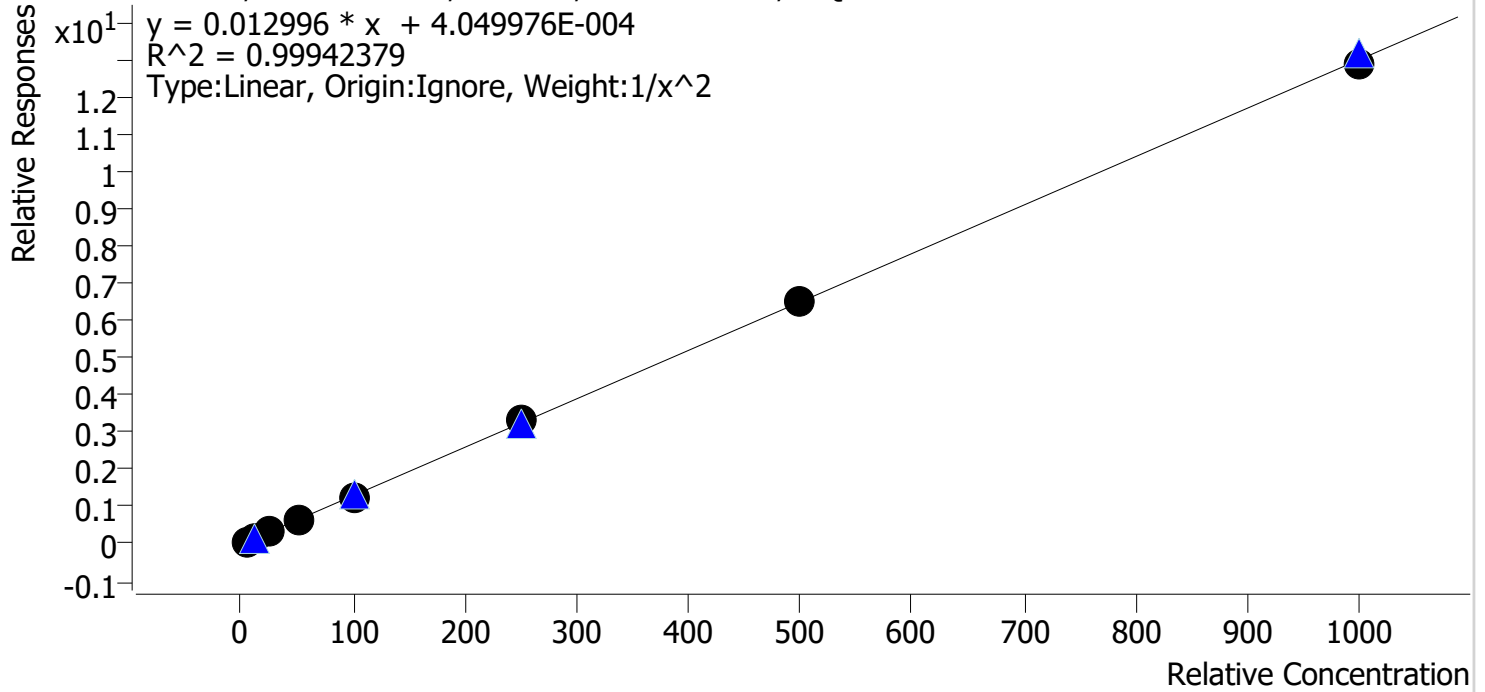
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	102.2
cal 2 mdqr	2	✓	10.0	9.7	97.1
cal 3 mdqr	3	✓	25.0	23.8	95.3
cal 4 mdqr	4	✓	50.0	48.2	96.5
cal 5 mdqr	5	✓	100.0	106.9	106.9
cal 6 mdqr	6	✓	250.0	271.1	108.5
cal 7 mdqr	7	✓	500.0	543.5	108.7
cal 8 mdqr	8	✓	1000.0	847.7	84.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



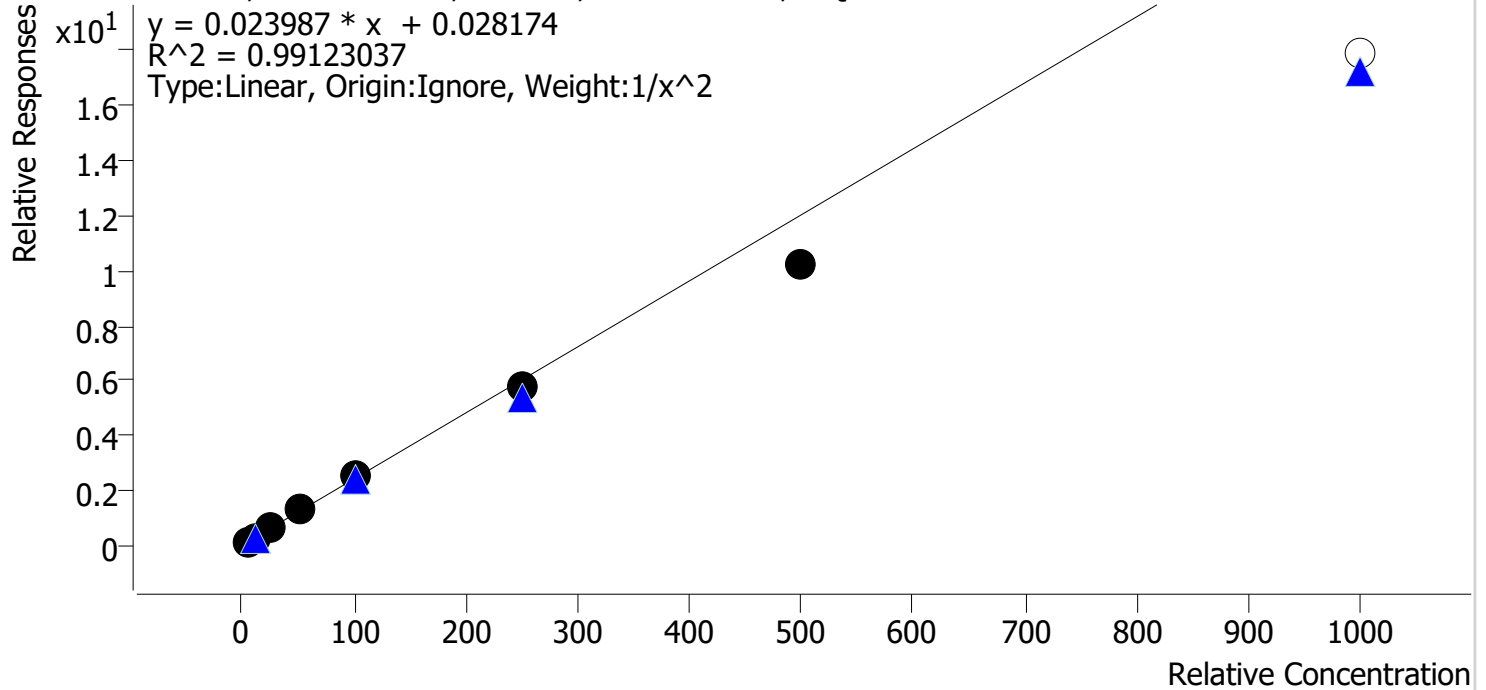
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.4
cal 2 mdqr	2	✓	10.0	10.2	101.8
cal 3 mdqr	3	✓	25.0	24.9	99.7
cal 4 mdqr	4	✓	50.0	49.3	98.7
cal 5 mdqr	5	✓	100.0	97.1	97.1
cal 6 mdqr	6	✓	250.0	260.0	104.0
cal 7 mdqr	7	✓	500.0	499.4	99.9
cal 8 mdqr	8	✓	1000.0	994.5	99.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



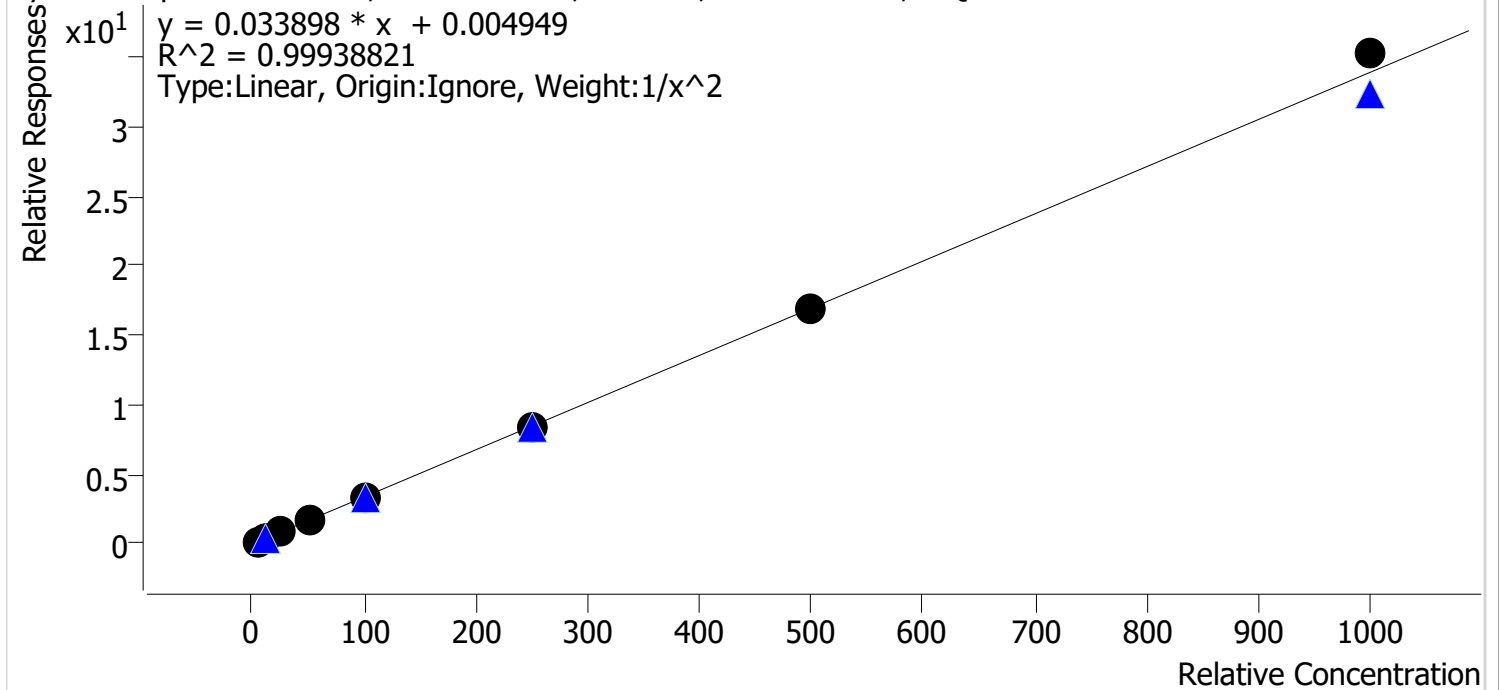
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	95.1
cal 2 mdqr	2	✓	10.0	10.6	106.0
cal 3 mdqr	3	✓	25.0	26.8	107.1
cal 4 mdqr	4	✓	50.0	52.5	105.1
cal 5 mdqr	5	✓	100.0	104.5	104.5
cal 6 mdqr	6	✓	250.0	242.4	97.0
cal 7 mdqr	7	✓	500.0	426.8	85.4
cal 8 mdqr	8	✗	1000.0	744.3	74.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



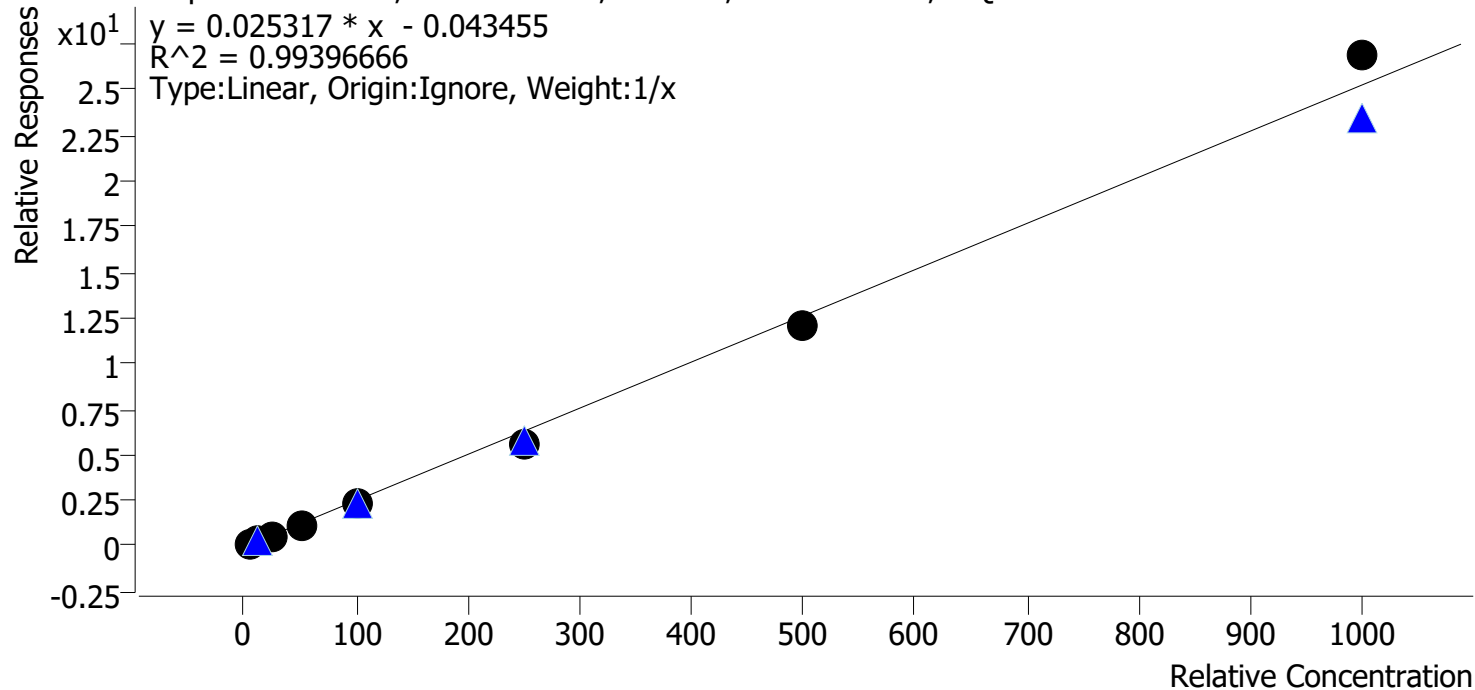
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.3
cal 2 mdqr	2	✓	10.0	10.0	99.6
cal 3 mdqr	3	✓	25.0	25.1	100.4
cal 4 mdqr	4	✓	50.0	50.1	100.2
cal 5 mdqr	5	✓	100.0	96.1	96.1
cal 6 mdqr	6	✓	250.0	247.6	99.0
cal 7 mdqr	7	✓	500.0	502.1	100.4
cal 8 mdqr	8	✓	1000.0	1039.7	104.0

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



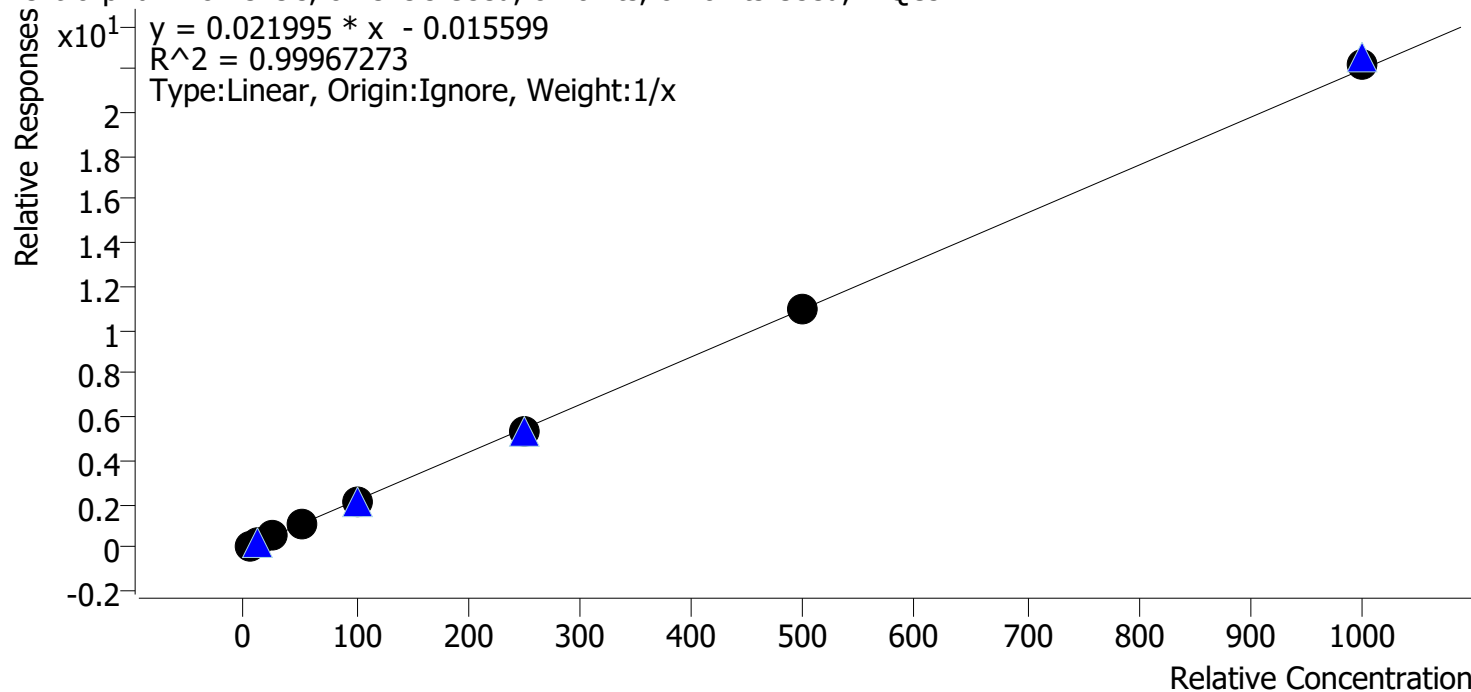
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	6.4	128.5
cal 2 mdqr	2	✓	10.0	10.6	106.4
cal 3 mdqr	3	✓	25.0	23.9	95.6
cal 4 mdqr	4	✓	50.0	42.3	84.6
cal 5 mdqr	5	✓	100.0	95.2	95.2
cal 6 mdqr	6	✓	250.0	218.6	87.4
cal 7 mdqr	7	✓	500.0	479.4	95.9
cal 8 mdqr	8	✓	1000.0	1063.5	106.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



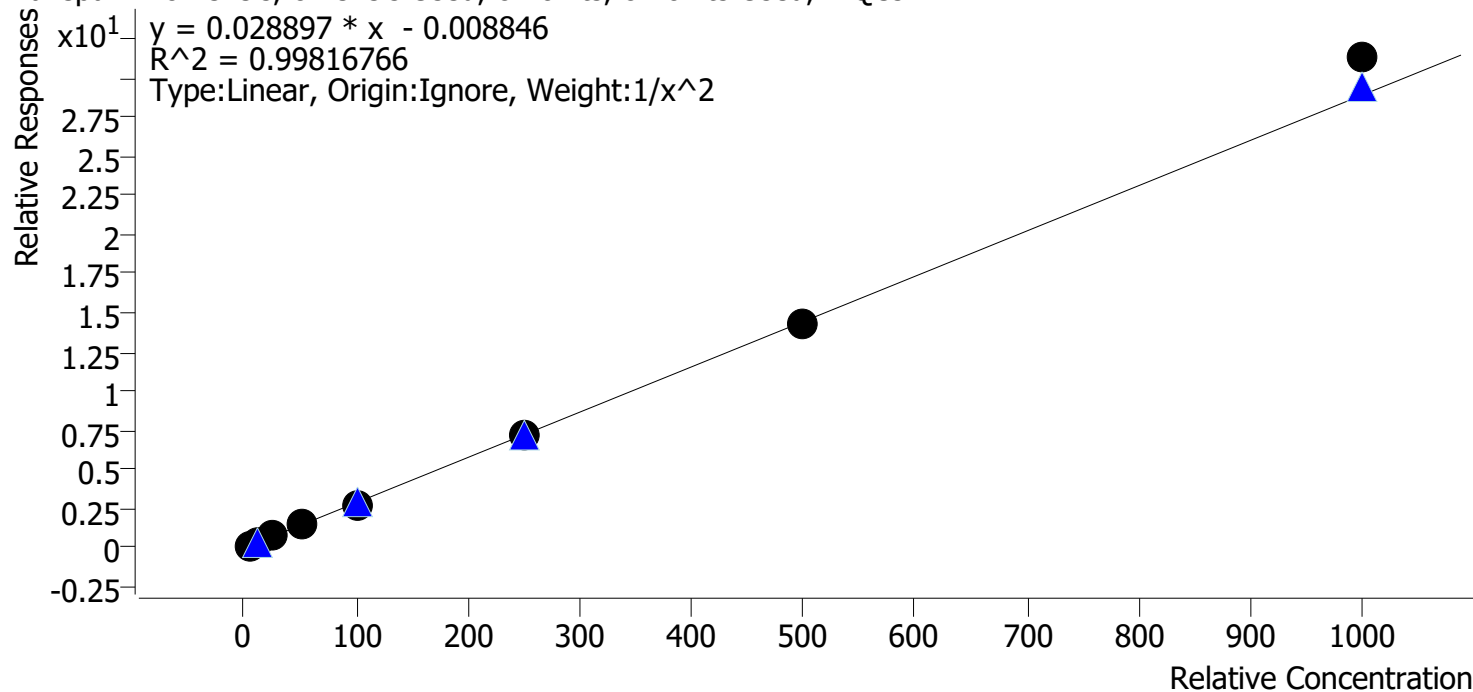
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.5	110.2
cal 2 mdqr	2	✓	10.0	10.2	102.3
cal 3 mdqr	3	✓	25.0	24.0	95.8
cal 4 mdqr	4	✓	50.0	47.8	95.7
cal 5 mdqr	5	✓	100.0	97.2	97.2
cal 6 mdqr	6	✓	250.0	245.3	98.1
cal 7 mdqr	7	✓	500.0	496.1	99.2
cal 8 mdqr	8	✓	1000.0	1013.8	101.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.9
cal 2 mdqr	2	✓	10.0	9.7	97.5
cal 3 mdqr	3	✓	25.0	24.6	98.2
cal 4 mdqr	4	✓	50.0	48.8	97.6
cal 5 mdqr	5	✓	100.0	97.3	97.3
cal 6 mdqr	6	✓	250.0	251.2	100.5
cal 7 mdqr	7	✓	500.0	493.3	98.7
cal 8 mdqr	8	✓	1000.0	1082.8	108.3

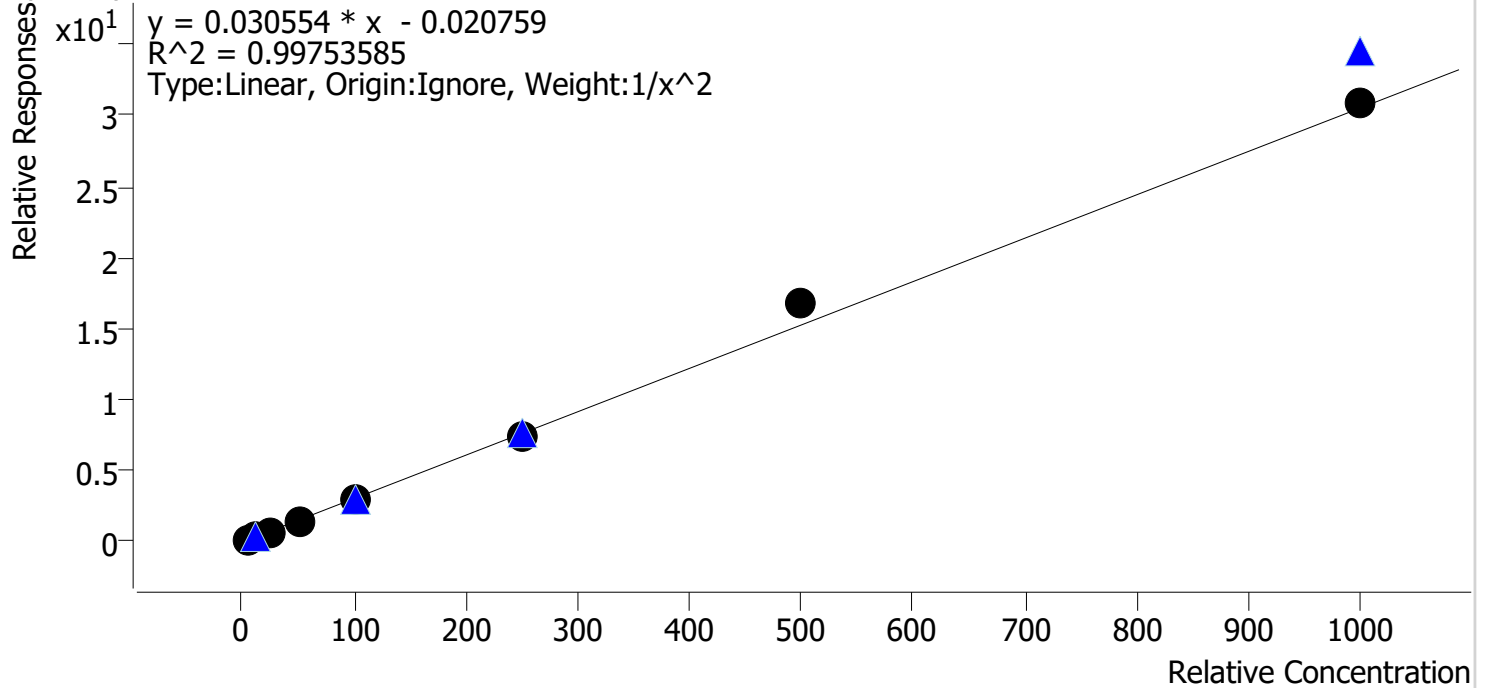
Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine

Internal Standard Diphenhydramine-D3

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



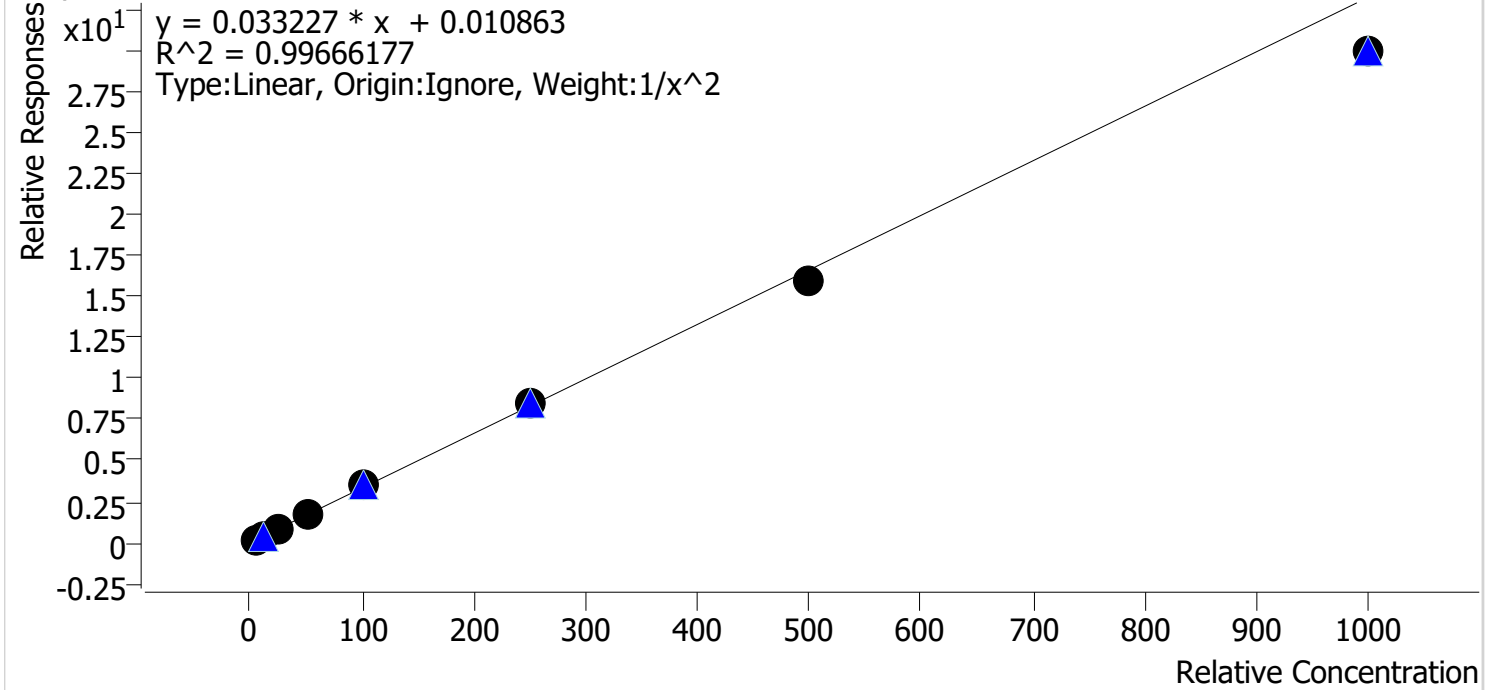
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.2
cal 2 mdqr	2	✓	10.0	10.0	100.0
cal 3 mdqr	3	✓	25.0	24.2	96.6
cal 4 mdqr	4	✓	50.0	47.7	95.5
cal 5 mdqr	5	✓	100.0	97.7	97.7
cal 6 mdqr	6	✓	250.0	246.0	98.4
cal 7 mdqr	7	✓	500.0	546.9	109.4
cal 8 mdqr	8	✓	1000.0	1012.0	101.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



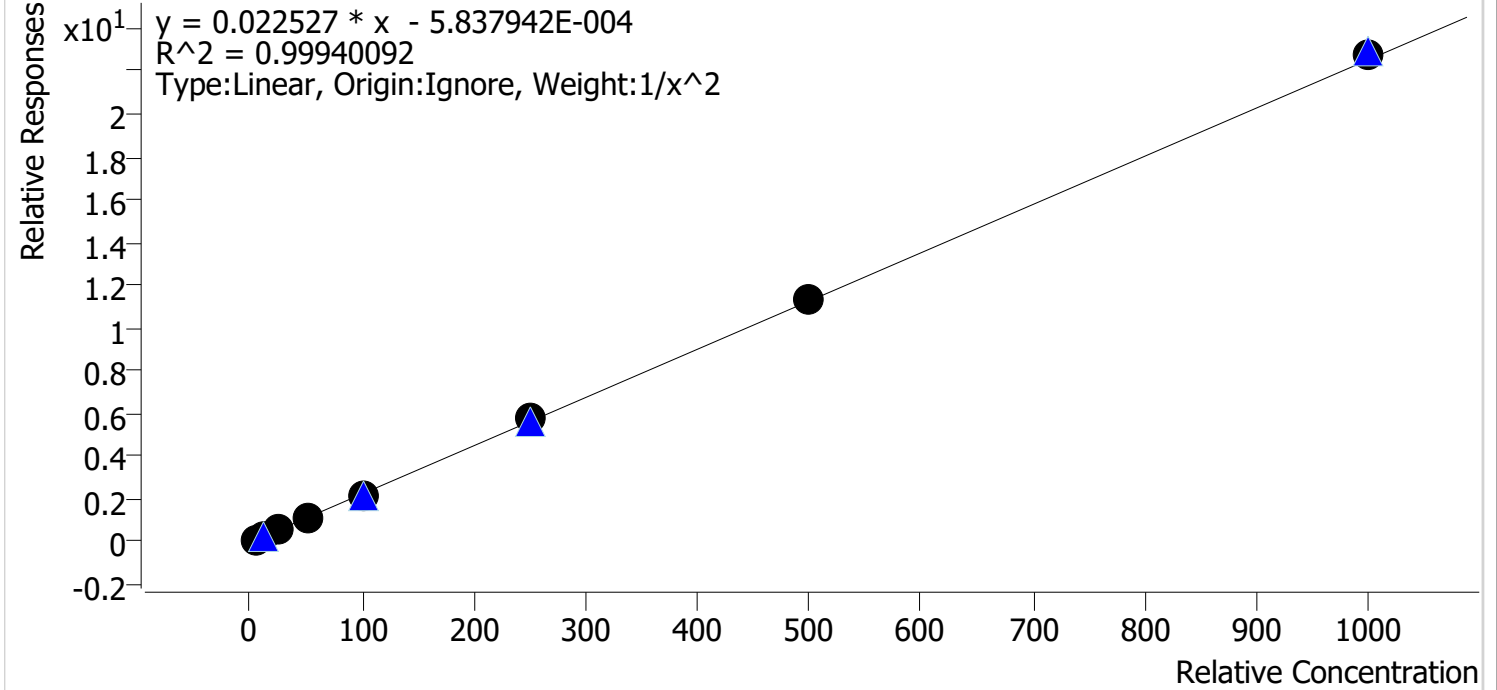
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.0
cal 2 mdqr	2	✓	10.0	10.1	101.1
cal 3 mdqr	3	✓	25.0	26.1	104.2
cal 4 mdqr	4	✓	50.0	52.1	104.1
cal 5 mdqr	5	✓	100.0	104.8	104.8
cal 6 mdqr	6	✓	250.0	253.1	101.2
cal 7 mdqr	7	✓	500.0	482.2	96.4
cal 8 mdqr	8	✓	1000.0	900.4	90.0

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



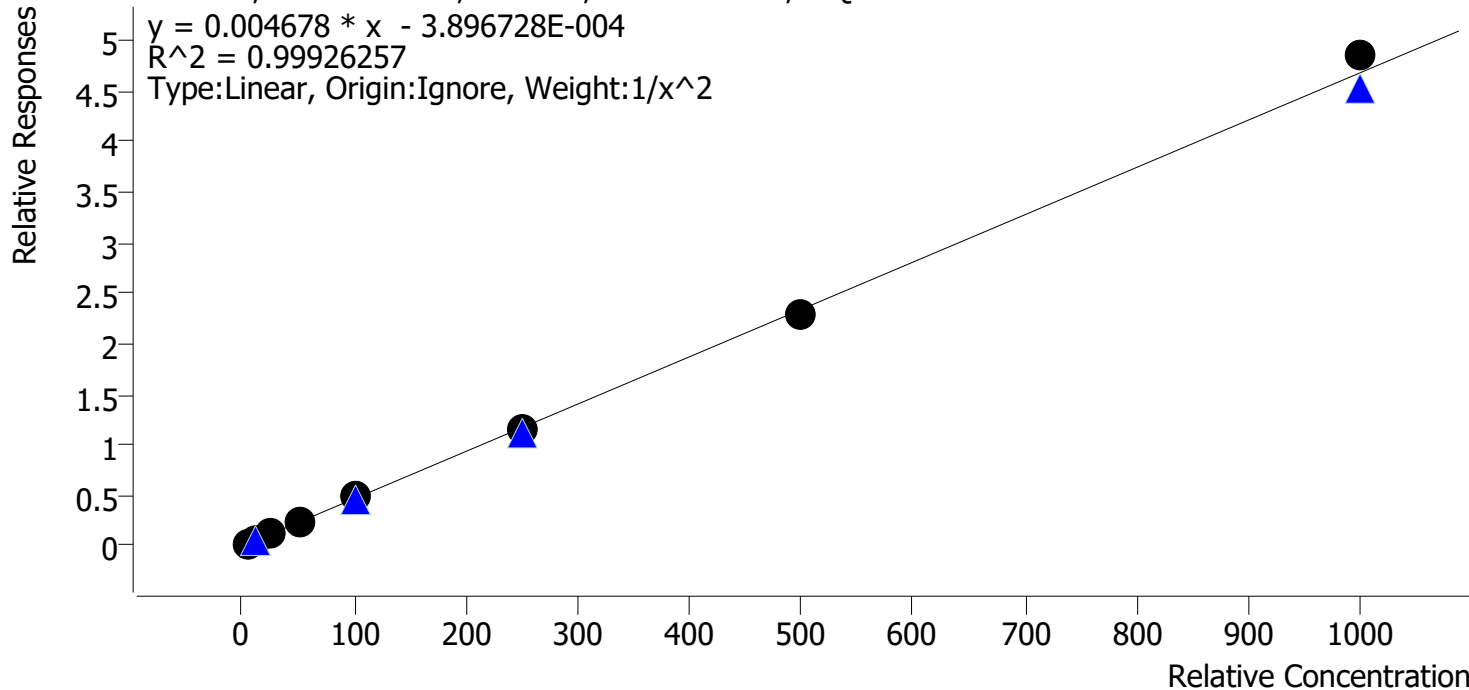
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.2
cal 2 mdqr	2	✓	10.0	9.8	98.5
cal 3 mdqr	3	✓	25.0	24.8	99.2
cal 4 mdqr	4	✓	50.0	48.4	96.8
cal 5 mdqr	5	✓	100.0	98.9	98.9
cal 6 mdqr	6	✓	250.0	259.3	103.7
cal 7 mdqr	7	✓	500.0	502.2	100.4
cal 8 mdqr	8	✓	1000.0	1012.9	101.3

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\lam 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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



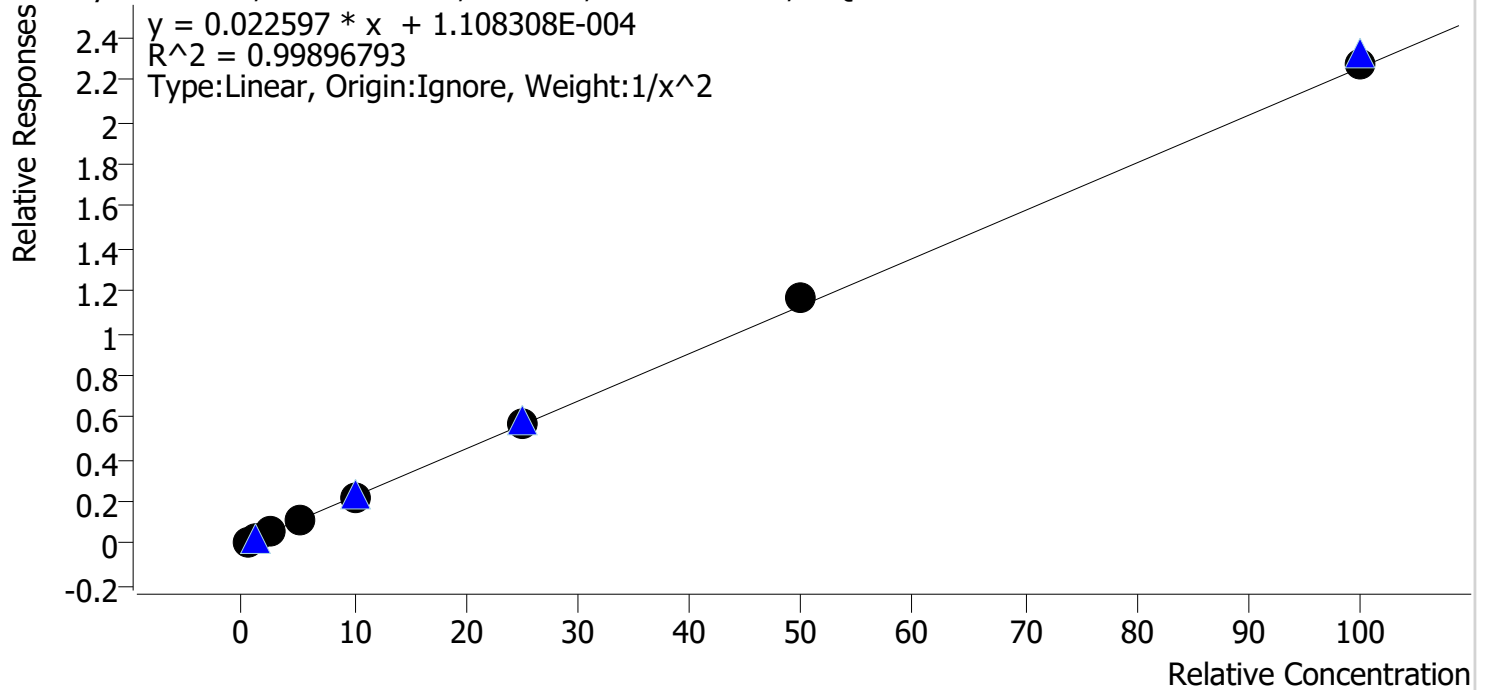
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.9
cal 2 mdqr	2	✓	10.0	10.1	101.2
cal 3 mdqr	3	✓	25.0	24.2	96.9
cal 4 mdqr	4	✓	50.0	50.1	100.2
cal 5 mdqr	5	✓	100.0	102.3	102.3
cal 6 mdqr	6	✓	250.0	246.0	98.4
cal 7 mdqr	7	✓	500.0	487.1	97.4
cal 8 mdqr	8	✓	1000.0	1036.3	103.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



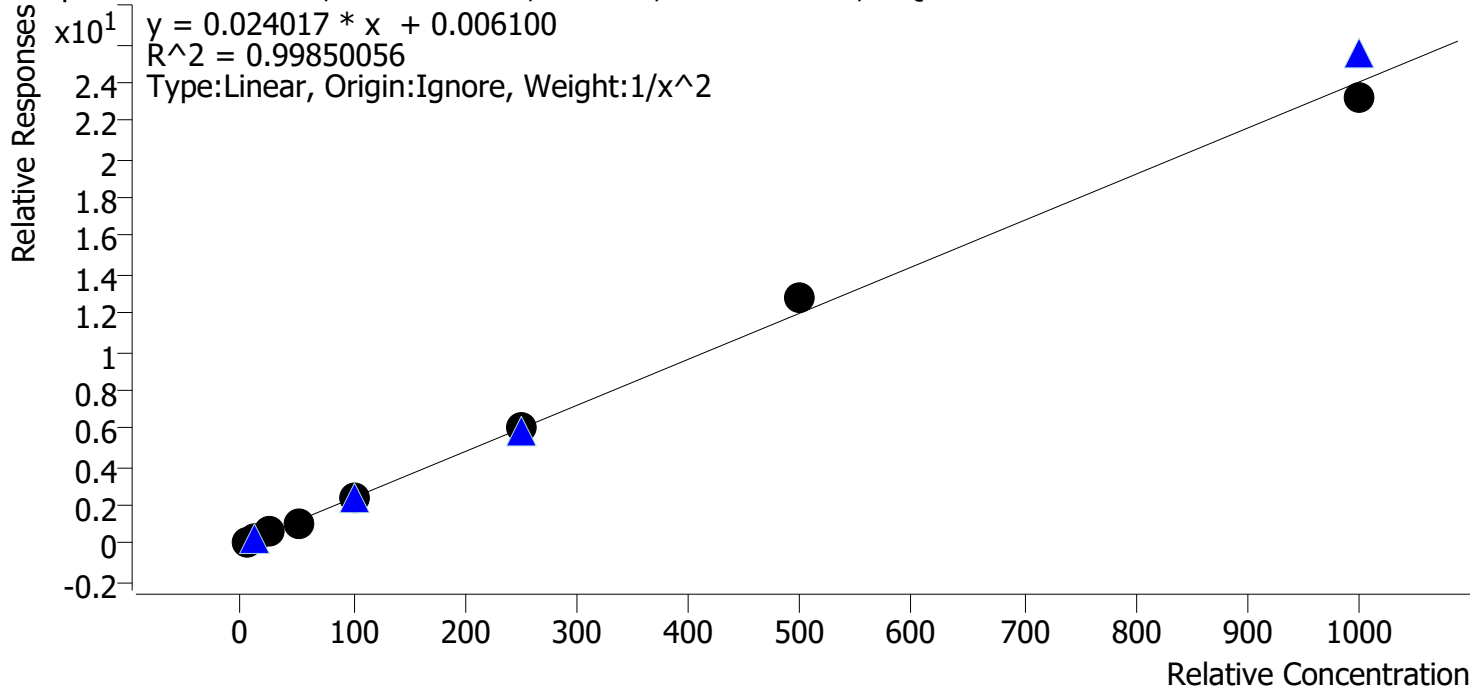
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	0.5	0.5	102.3
cal 2 mdqr	2	✓	1.0	1.0	97.5
cal 3 mdqr	3	✓	2.5	2.4	95.2
cal 4 mdqr	4	✓	5.0	4.9	98.4
cal 5 mdqr	5	✓	10.0	10.1	100.9
cal 6 mdqr	6	✓	25.0	25.2	100.8
cal 7 mdqr	7	✓	50.0	52.0	103.9
cal 8 mdqr	8	✓	100.0	101.0	101.0

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\1am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Nordiazepam-D5

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



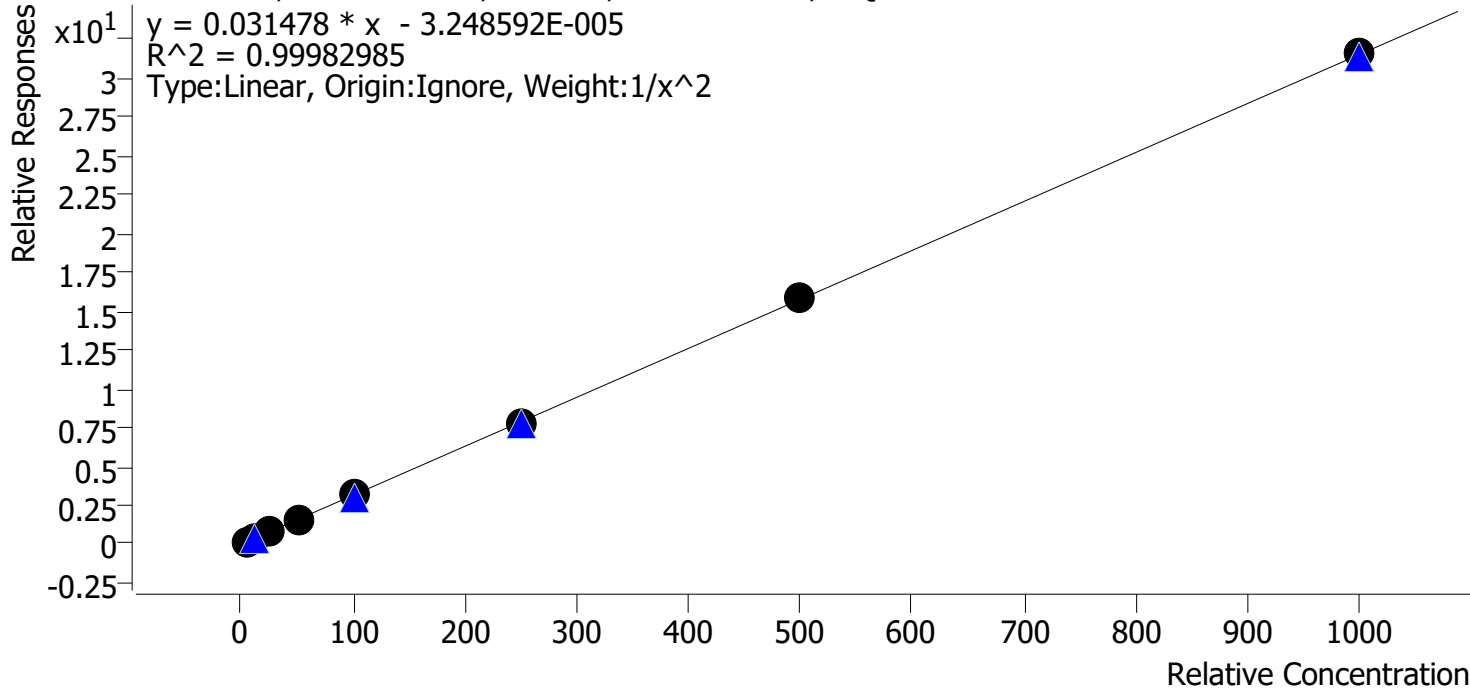
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.9
cal 2 mdqr	2	✓	10.0	9.9	99.0
cal 3 mdqr	3	✓	25.0	25.0	99.8
cal 4 mdqr	4	✓	50.0	47.8	95.6
cal 5 mdqr	5	✓	100.0	99.6	99.6
cal 6 mdqr	6	✓	250.0	255.9	102.3
cal 7 mdqr	7	✓	500.0	531.4	106.3
cal 8 mdqr	8	✓	1000.0	963.8	96.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 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 mdqr	1	✓	5.0	5.0	100.3
cal 2 mdqr	2	✓	10.0	9.9	98.7
cal 3 mdqr	3	✓	25.0	25.6	102.3
cal 4 mdqr	4	✓	50.0	49.4	98.9
cal 5 mdqr	5	✓	100.0	100.3	100.3
cal 6 mdqr	6	✓	250.0	248.2	99.3
cal 7 mdqr	7	✓	500.0	500.4	100.1
cal 8 mdqr	8	✓	1000.0	1002.1	100.2

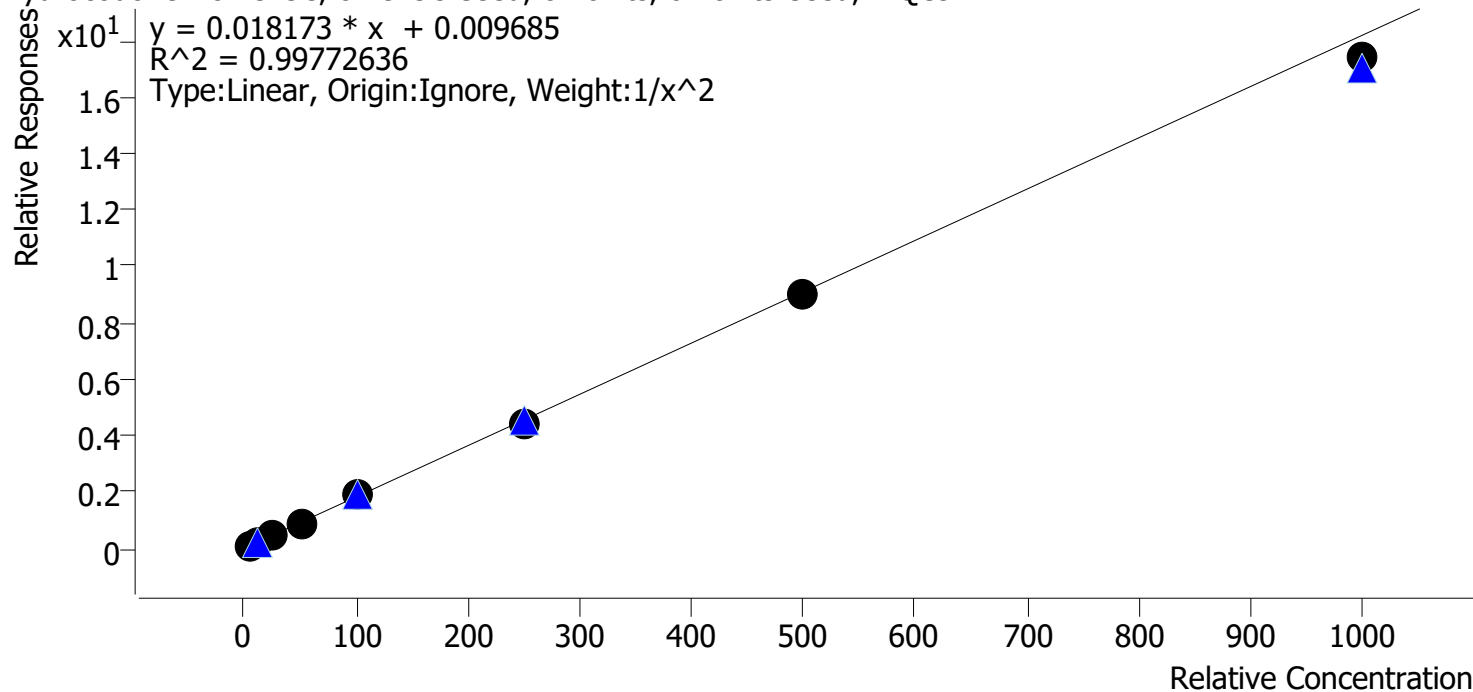
Compound Calibration Report

B. Wylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Hydrocodone

Internal Standard Hydrocodone-D6

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



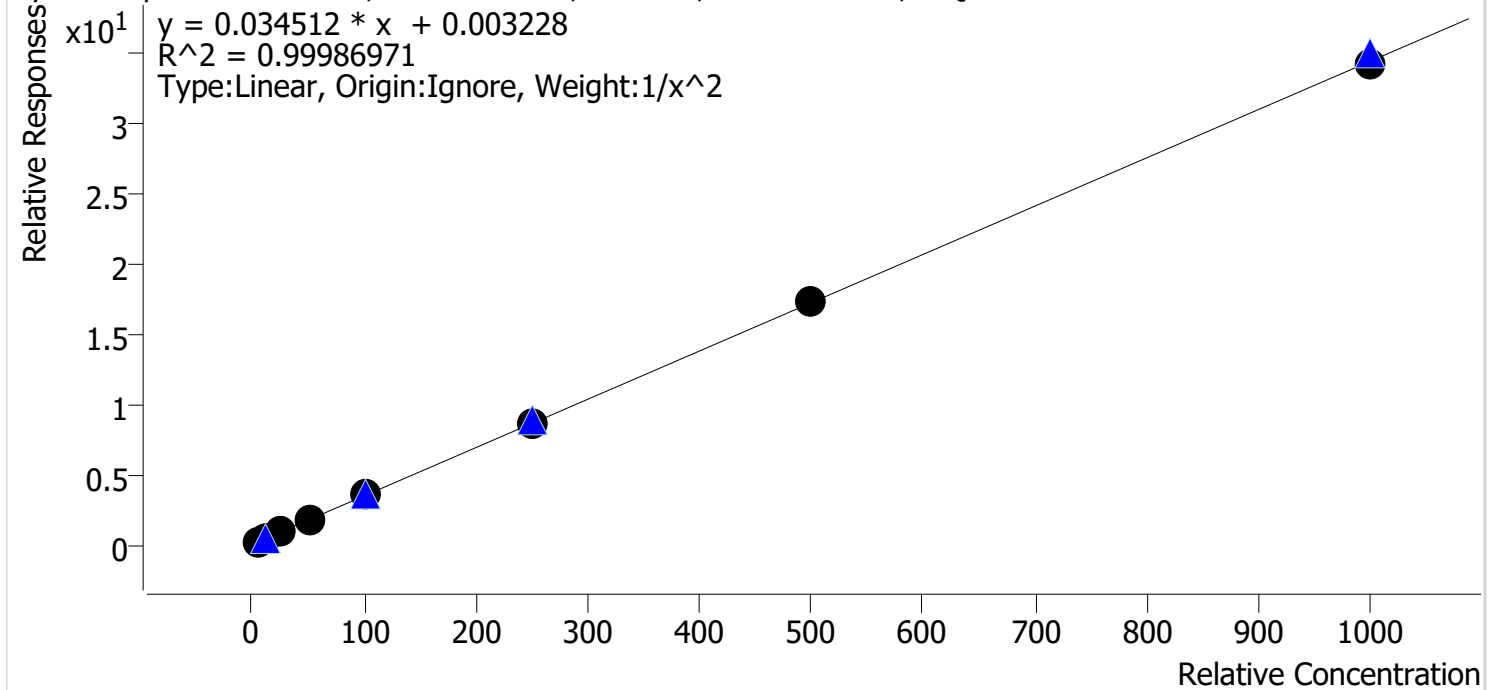
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	96.7
cal 2 mdqr	2	✓	10.0	10.4	103.6
cal 3 mdqr	3	✓	25.0	27.0	108.0
cal 4 mdqr	4	✓	50.0	49.6	99.2
cal 5 mdqr	5	✓	100.0	101.3	101.3
cal 6 mdqr	6	✓	250.0	241.6	96.6
cal 7 mdqr	7	✓	500.0	494.7	98.9
cal 8 mdqr	8	✓	1000.0	956.5	95.7

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



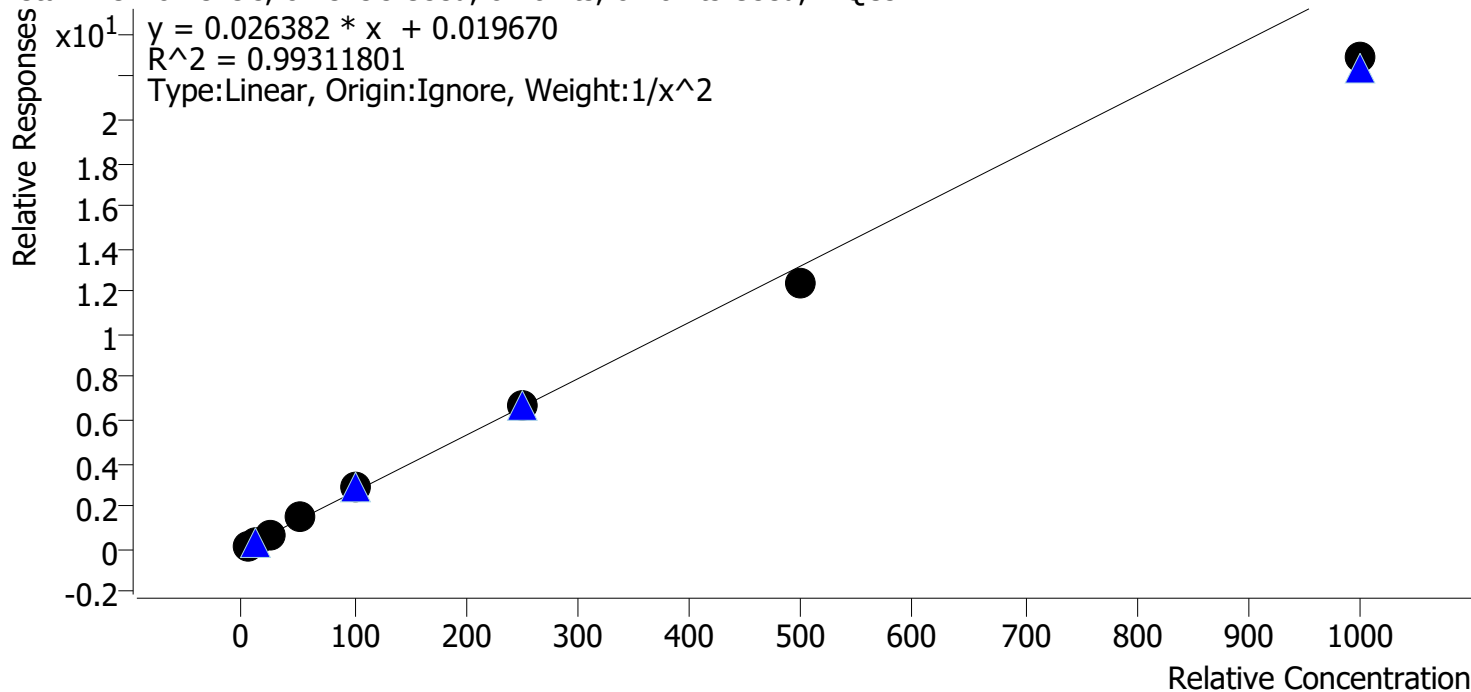
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.6
cal 2 mdqr	2	✓	10.0	9.9	99.2
cal 3 mdqr	3	✓	25.0	24.9	99.8
cal 4 mdqr	4	✓	50.0	49.2	98.4
cal 5 mdqr	5	✓	100.0	101.4	101.4
cal 6 mdqr	6	✓	250.0	249.7	99.9
cal 7 mdqr	7	✓	500.0	505.6	101.1
cal 8 mdqr	8	✓	1000.0	998.0	99.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



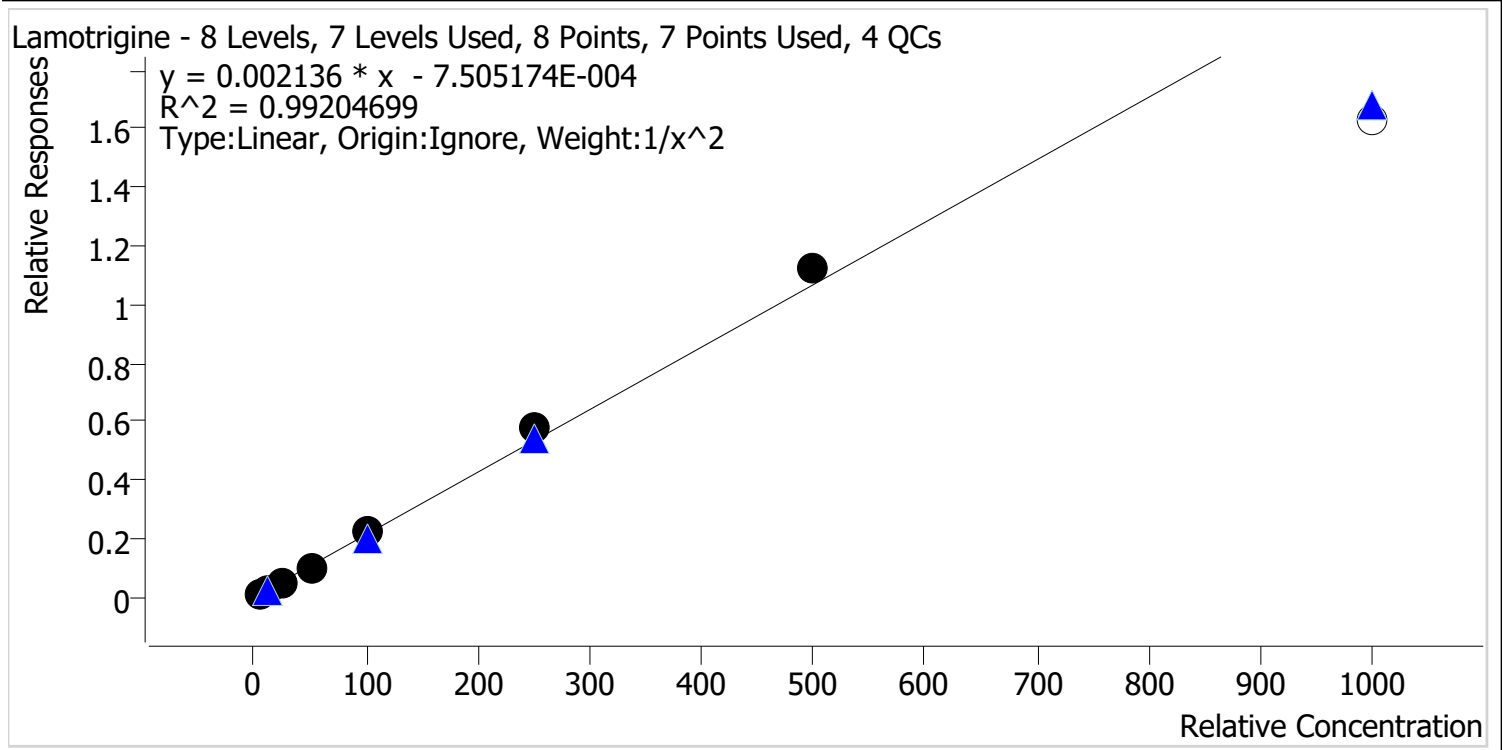
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	96.4
cal 2 mdqr	2	✓	10.0	10.3	103.0
cal 3 mdqr	3	✓	25.0	26.6	106.5
cal 4 mdqr	4	✓	50.0	53.1	106.1
cal 5 mdqr	5	✓	100.0	107.2	107.2
cal 6 mdqr	6	✓	250.0	250.6	100.2
cal 7 mdqr	7	✓	500.0	469.2	93.8
cal 8 mdqr	8	✓	1000.0	868.0	86.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\lam 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Lamotrigine

Internal Standard Fluoxetine-D6



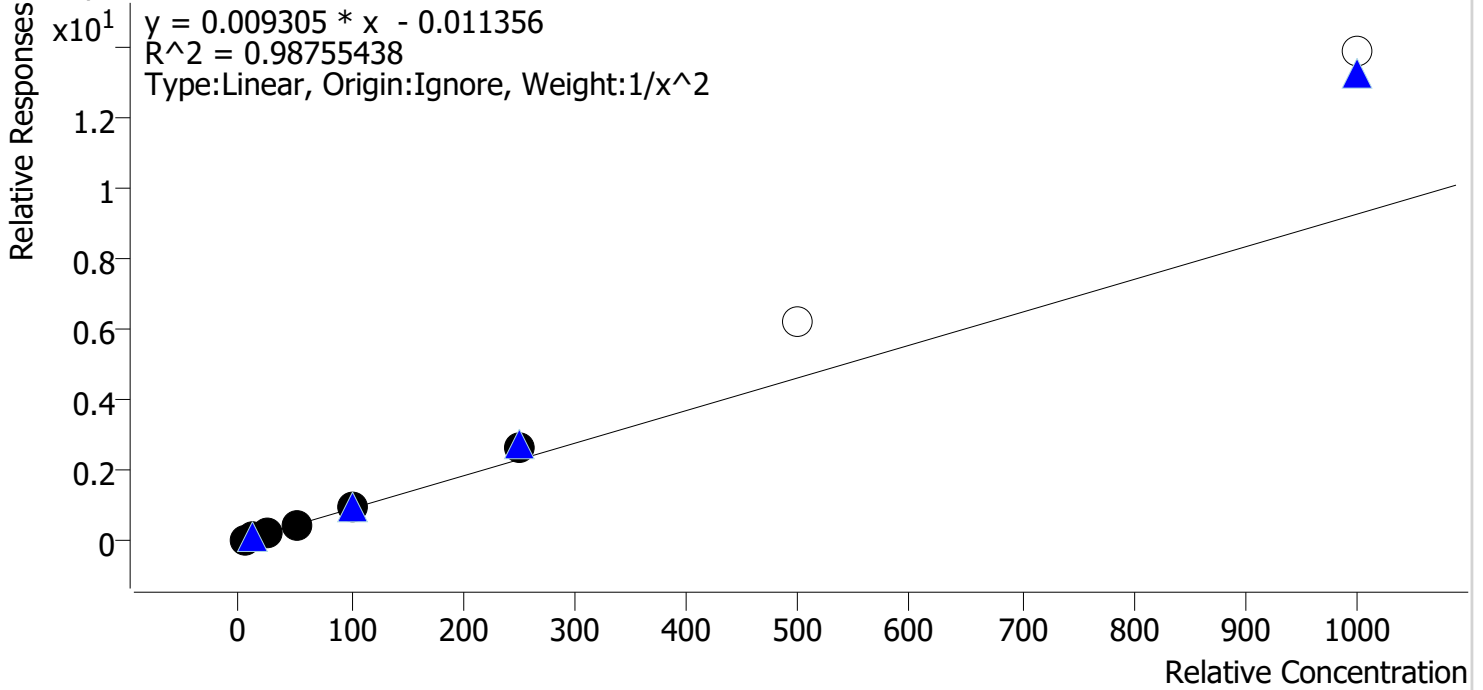
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.3	106.1
cal 2 mdqr	2	✓	10.0	9.1	91.0
cal 3 mdqr	3	✓	25.0	23.6	94.4
cal 4 mdqr	4	✓	50.0	45.5	91.0
cal 5 mdqr	5	✓	100.0	104.2	104.2
cal 6 mdqr	6	✓	250.0	271.0	108.4
cal 7 mdqr	7	✓	500.0	524.6	104.9
cal 8 mdqr	8	✗	1000.0	764.4	76.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



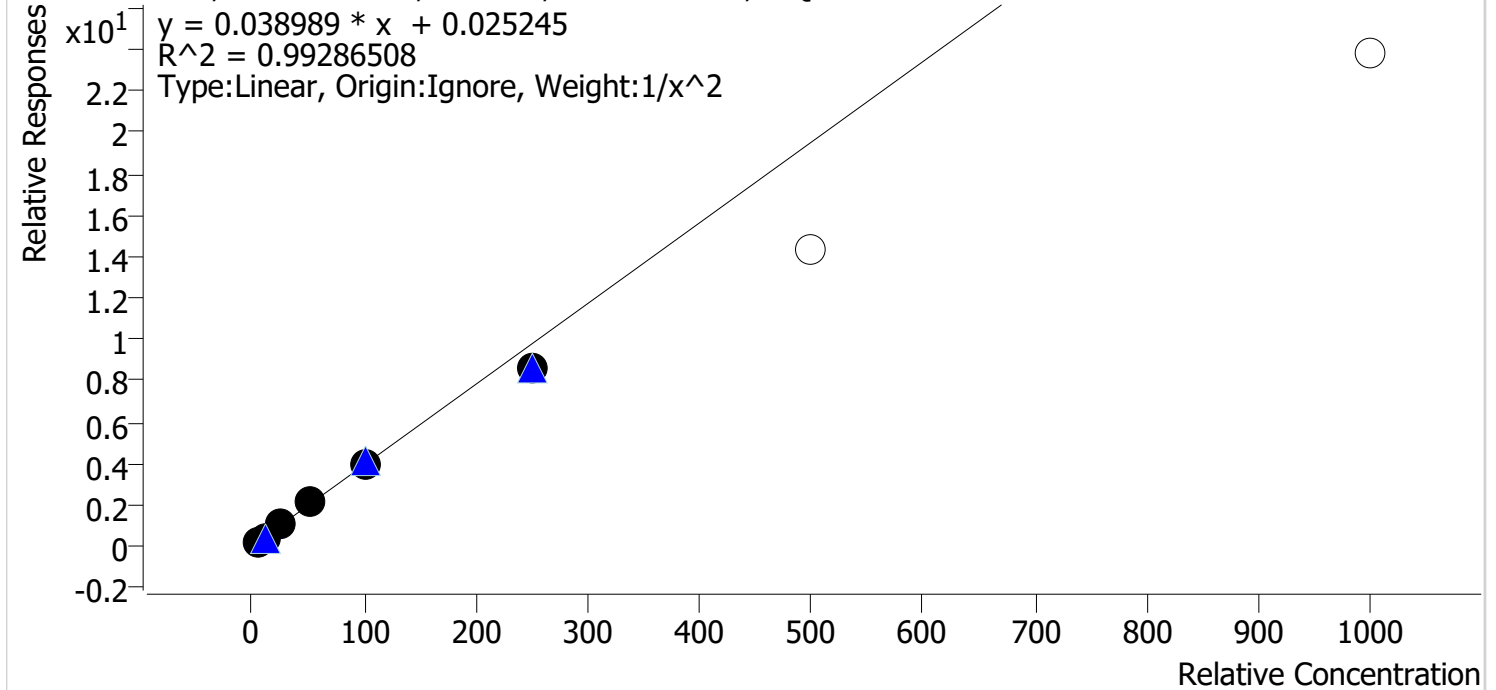
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.3	105.3
cal 2 mdqr	2	✓	10.0	9.4	94.0
cal 3 mdqr	3	✓	25.0	22.1	88.2
cal 4 mdqr	4	✓	50.0	48.3	96.7
cal 5 mdqr	5	✓	100.0	101.6	101.6
cal 6 mdqr	6	✓	250.0	285.4	114.2
cal 7 mdqr	7	x	500.0	676.6	135.3
cal 8 mdqr	8	x	1000.0	1496.4	149.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



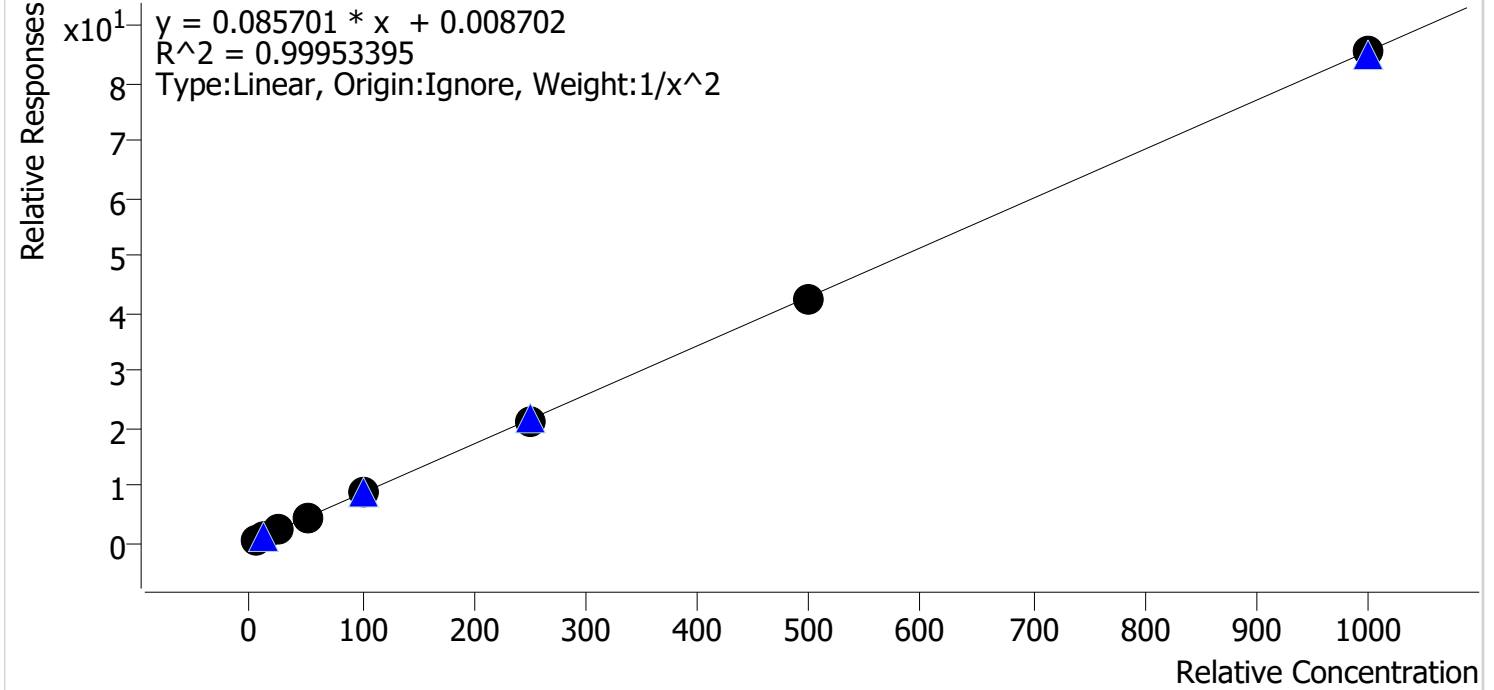
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	96.7
cal 2 mdqr	2	✓	10.0	10.4	104.0
cal 3 mdqr	3	✓	25.0	26.1	104.3
cal 4 mdqr	4	✓	50.0	53.1	106.2
cal 5 mdqr	5	✓	100.0	101.3	101.3
cal 6 mdqr	6	✓	250.0	219.0	87.6
cal 7 mdqr	7	✗	500.0	367.8	73.6
cal 8 mdqr	8	✗	1000.0	609.8	61.0

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** **MDMA-D6**

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



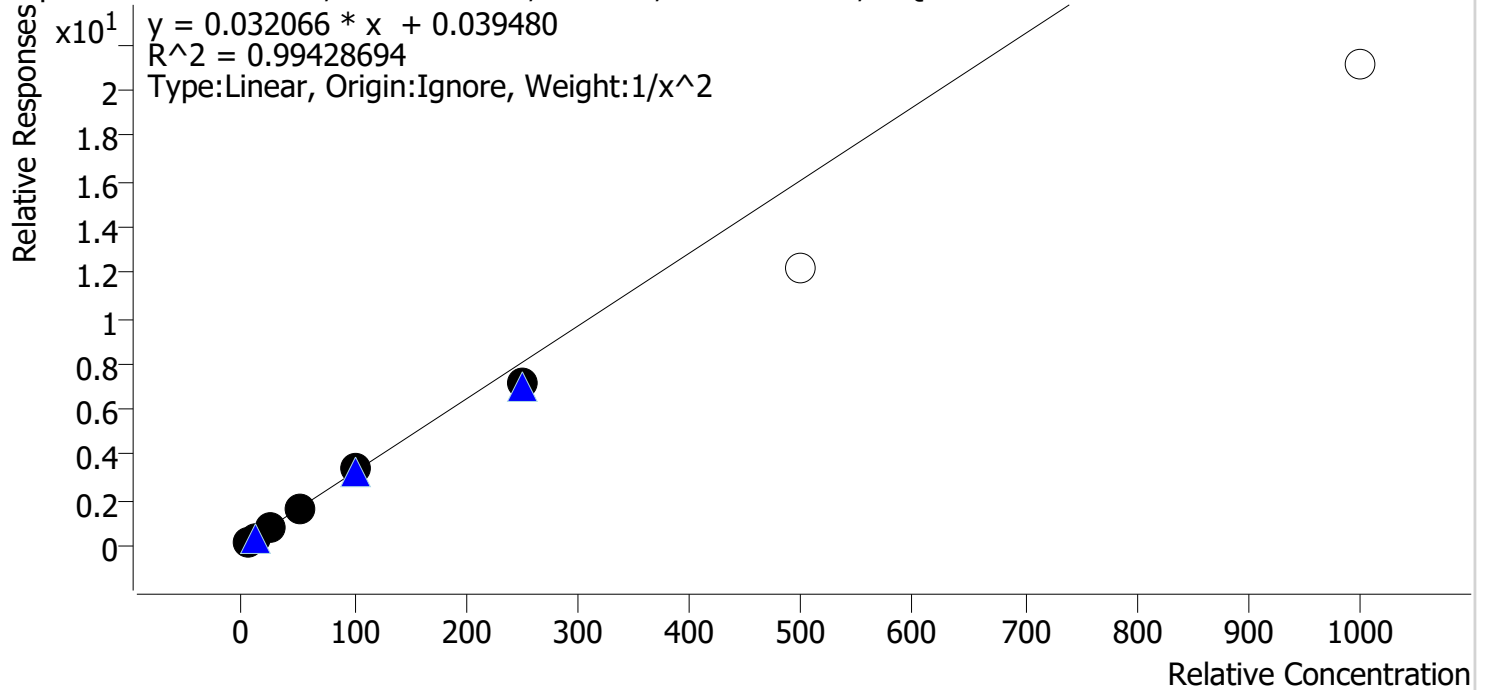
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.6
cal 2 mdqr	2	✓	10.0	9.9	99.3
cal 3 mdqr	3	✓	25.0	26.0	104.1
cal 4 mdqr	4	✓	50.0	49.7	99.3
cal 5 mdqr	5	✓	100.0	101.1	101.1
cal 6 mdqr	6	✓	250.0	245.2	98.1
cal 7 mdqr	7	✓	500.0	493.2	98.6
cal 8 mdqr	8	✓	1000.0	999.0	99.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



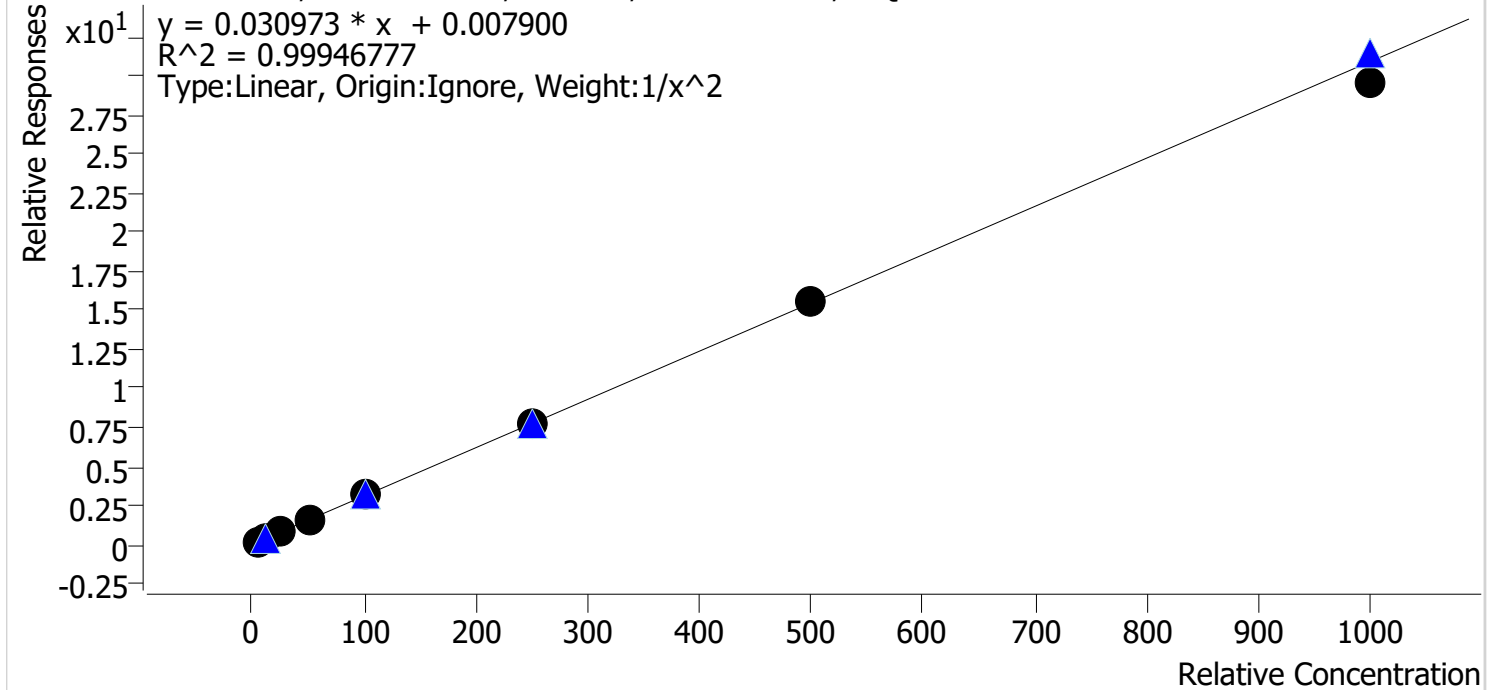
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	97.5
cal 2 mdqr	2	✓	10.0	10.3	102.5
cal 3 mdqr	3	✓	25.0	26.2	104.8
cal 4 mdqr	4	✓	50.0	51.9	103.7
cal 5 mdqr	5	✓	100.0	103.0	103.0
cal 6 mdqr	6	✓	250.0	221.2	88.5
cal 7 mdqr	7	✗	500.0	380.9	76.2
cal 8 mdqr	8	✗	1000.0	660.8	66.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



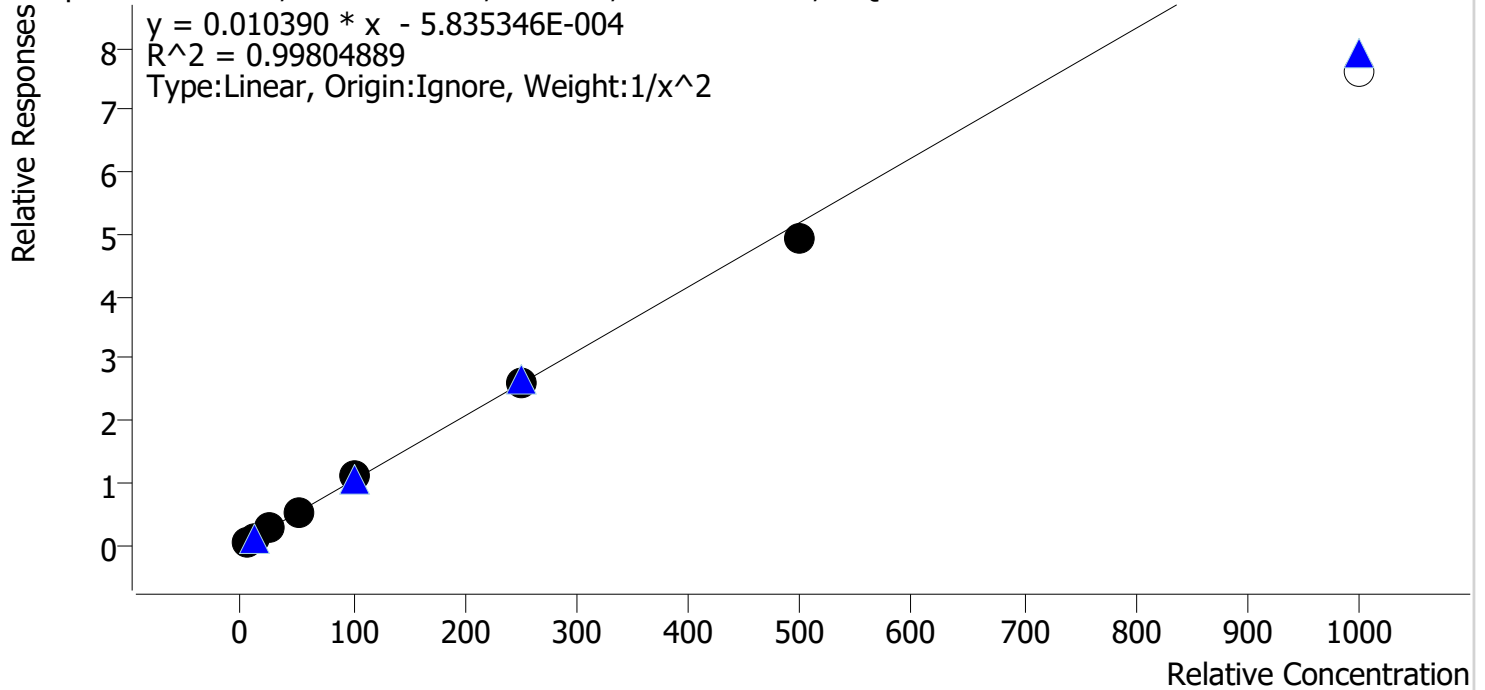
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.3
cal 2 mdqr	2	✓	10.0	9.9	98.5
cal 3 mdqr	3	✓	25.0	25.3	101.0
cal 4 mdqr	4	✓	50.0	50.3	100.6
cal 5 mdqr	5	✓	100.0	102.3	102.3
cal 6 mdqr	6	✓	250.0	252.7	101.1
cal 7 mdqr	7	✓	500.0	501.6	100.3
cal 8 mdqr	8	✓	1000.0	957.9	95.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.3
cal 2 mdqr	2	✓	10.0	9.7	97.3
cal 3 mdqr	3	✓	25.0	24.3	97.1
cal 4 mdqr	4	✓	50.0	51.8	103.5
cal 5 mdqr	5	✓	100.0	105.0	105.0
cal 6 mdqr	6	✓	250.0	252.5	101.0
cal 7 mdqr	7	✓	500.0	473.4	94.7
cal 8 mdqr	8	✗	1000.0	734.9	73.5

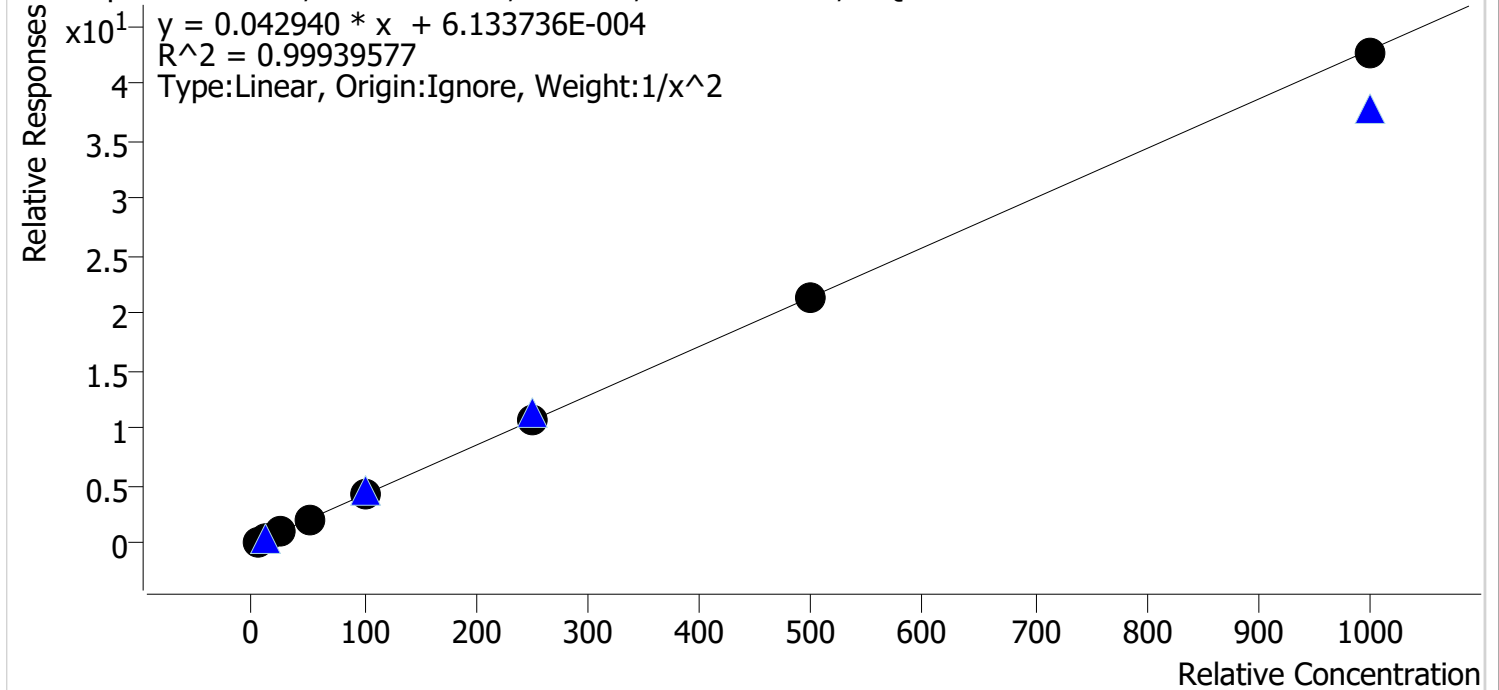
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Mirtazapine

Internal Standard Phentermine-D5

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



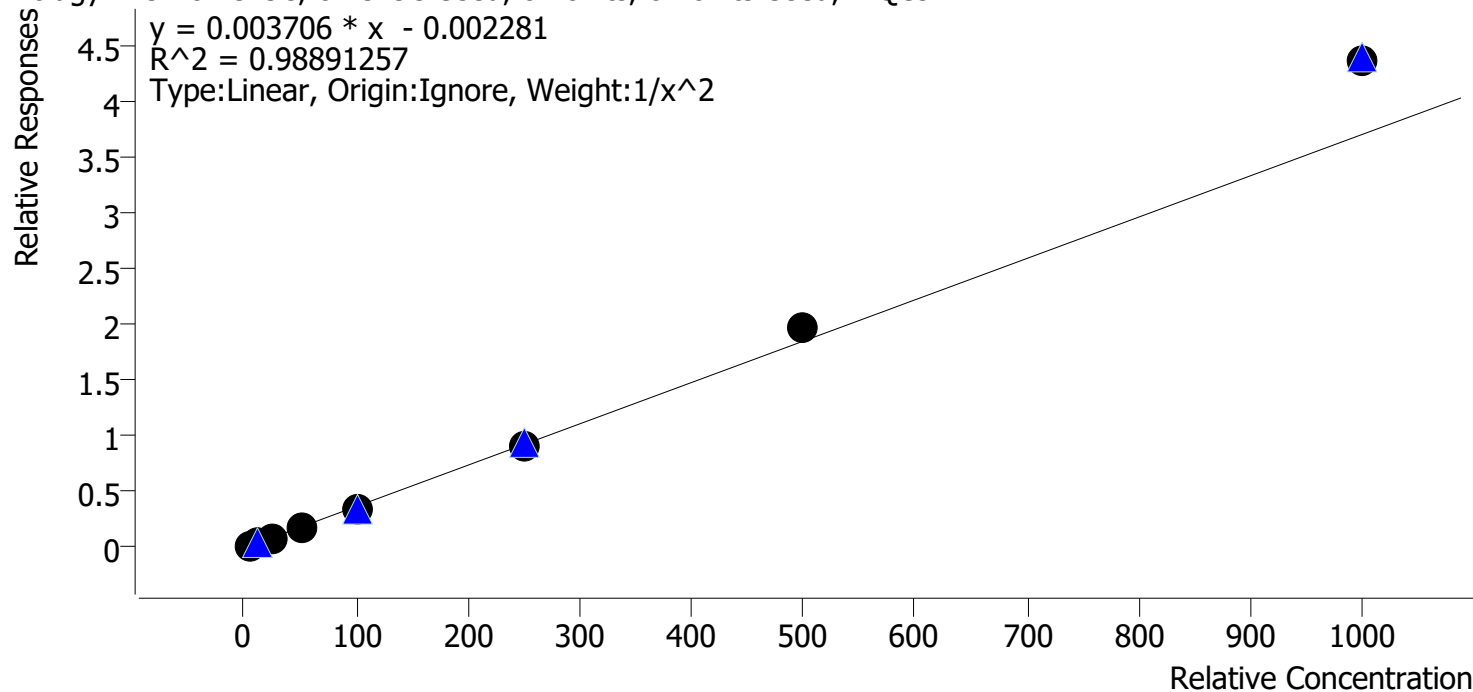
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.1
cal 2 mdqr	2	✓	10.0	10.3	102.6
cal 3 mdqr	3	✓	25.0	24.2	97.0
cal 4 mdqr	4	✓	50.0	50.0	100.0
cal 5 mdqr	5	✓	100.0	103.6	103.6
cal 6 mdqr	6	✓	250.0	248.6	99.4
cal 7 mdqr	7	✓	500.0	494.8	99.0
cal 8 mdqr	8	✓	1000.0	992.2	99.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

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



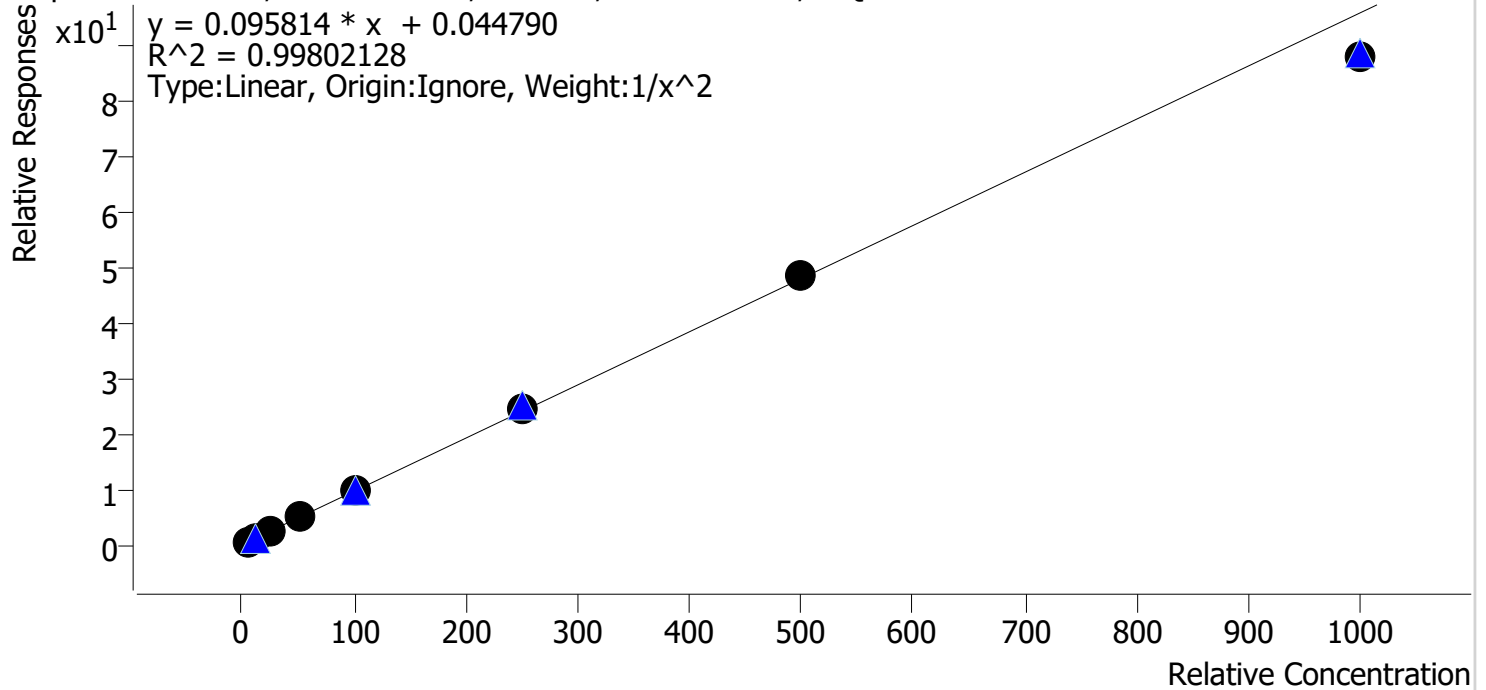
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.2	104.7
cal 2 mdqr	2	✓	10.0	9.6	96.4
cal 3 mdqr	3	✓	25.0	22.7	90.9
cal 4 mdqr	4	✓	50.0	45.7	91.3
cal 5 mdqr	5	✓	100.0	93.4	93.4
cal 6 mdqr	6	✓	250.0	247.5	99.0
cal 7 mdqr	7	✓	500.0	534.0	106.8
cal 8 mdqr	8	✓	1000.0	1175.2	117.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



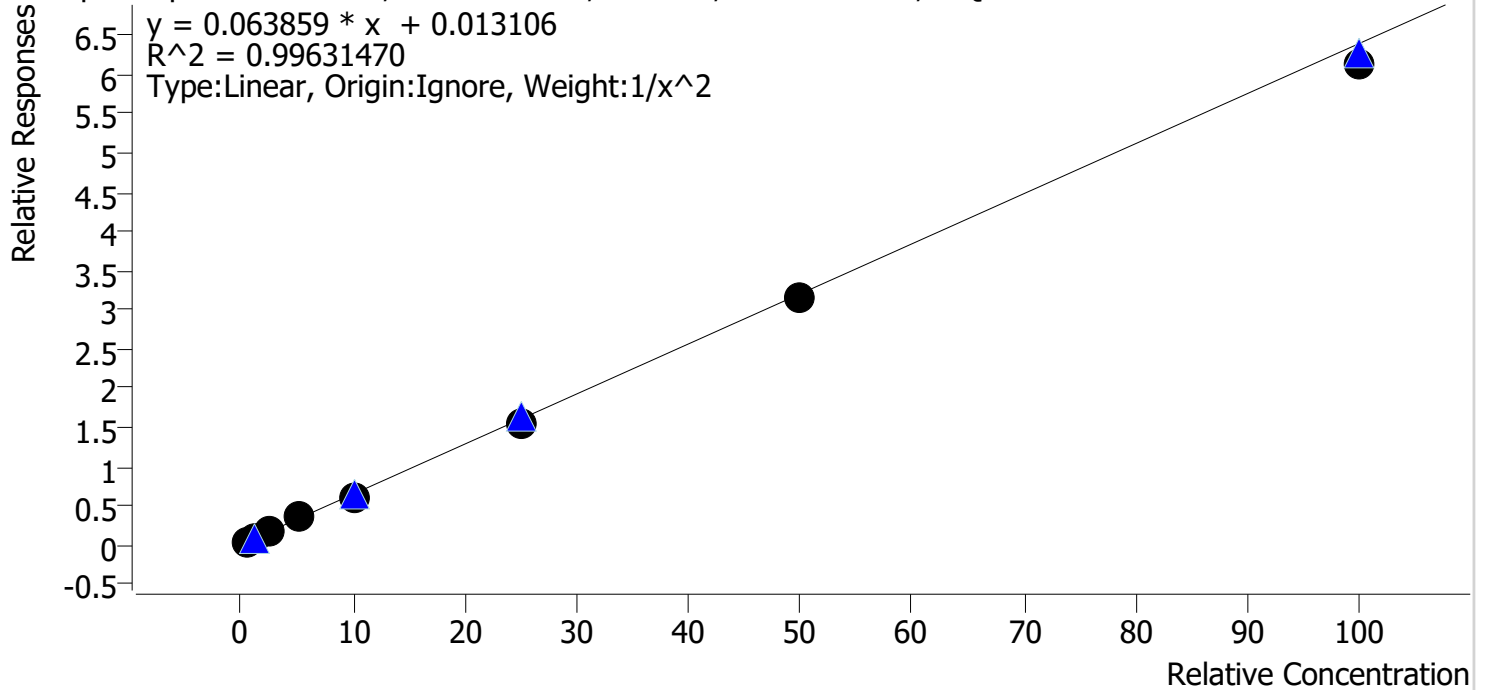
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.4
cal 2 mdqr	2	✓	10.0	10.1	101.0
cal 3 mdqr	3	✓	25.0	24.6	98.4
cal 4 mdqr	4	✓	50.0	51.6	103.2
cal 5 mdqr	5	✓	100.0	103.2	103.2
cal 6 mdqr	6	✓	250.0	254.7	101.9
cal 7 mdqr	7	✓	500.0	508.1	101.6
cal 8 mdqr	8	✓	1000.0	914.1	91.4

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



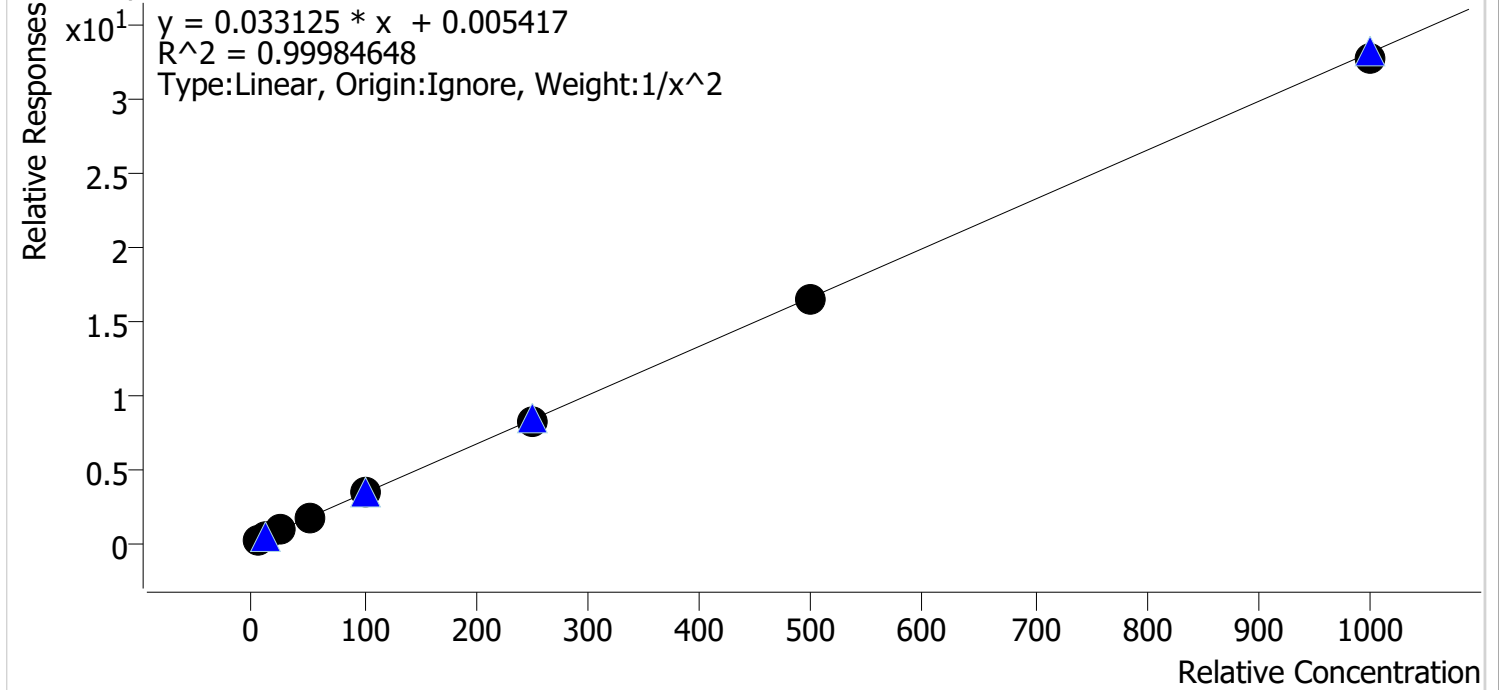
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	0.5	0.5	97.0
cal 2 mdqr	2	✓	1.0	1.0	101.4
cal 3 mdqr	3	✓	2.5	2.8	110.9
cal 4 mdqr	4	✓	5.0	5.2	104.0
cal 5 mdqr	5	✓	10.0	9.5	95.5
cal 6 mdqr	6	✓	25.0	24.3	97.3
cal 7 mdqr	7	✓	50.0	49.0	97.9
cal 8 mdqr	8	✓	100.0	95.9	95.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



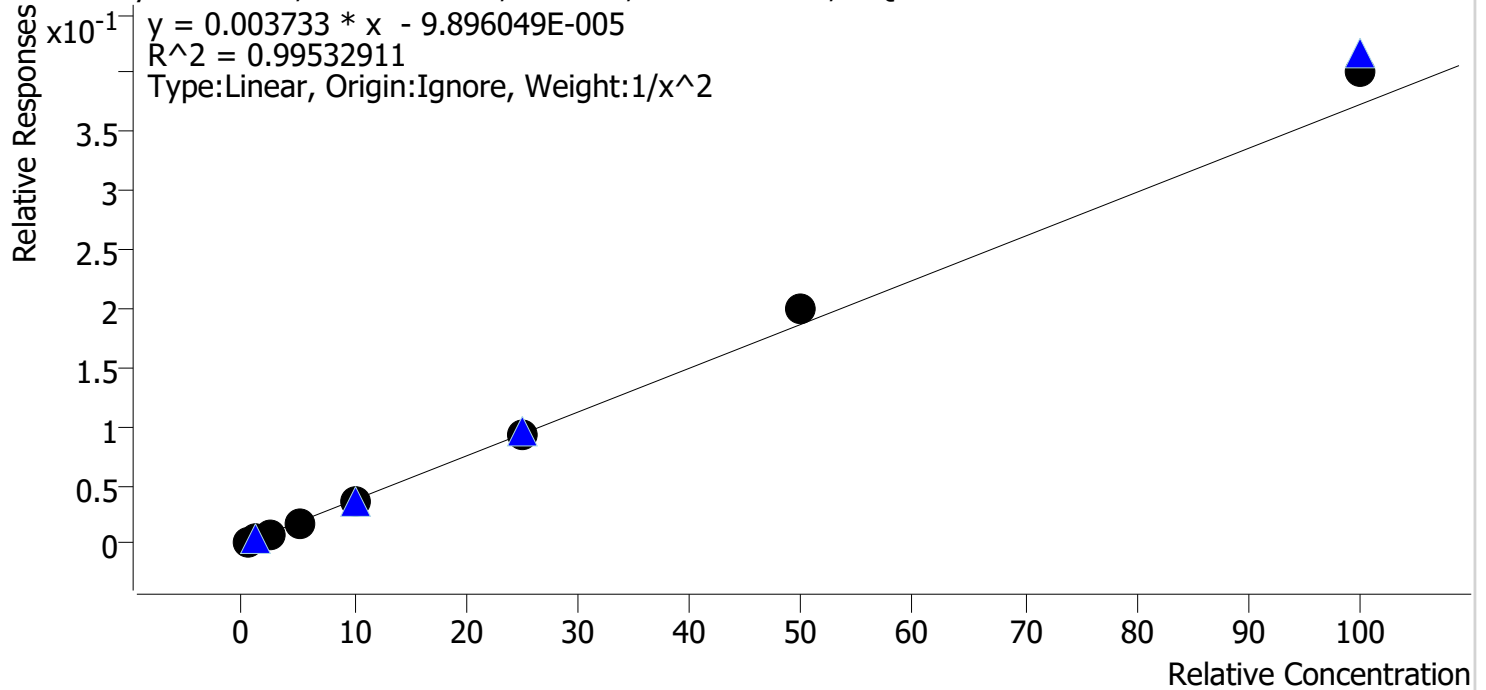
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.3
cal 2 mdqr	2	✓	10.0	10.1	101.2
cal 3 mdqr	3	✓	25.0	25.0	99.9
cal 4 mdqr	4	✓	50.0	50.5	101.0
cal 5 mdqr	5	✓	100.0	101.4	101.4
cal 6 mdqr	6	✓	250.0	246.4	98.6
cal 7 mdqr	7	✓	500.0	498.4	99.7
cal 8 mdqr	8	✓	1000.0	989.8	99.0

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



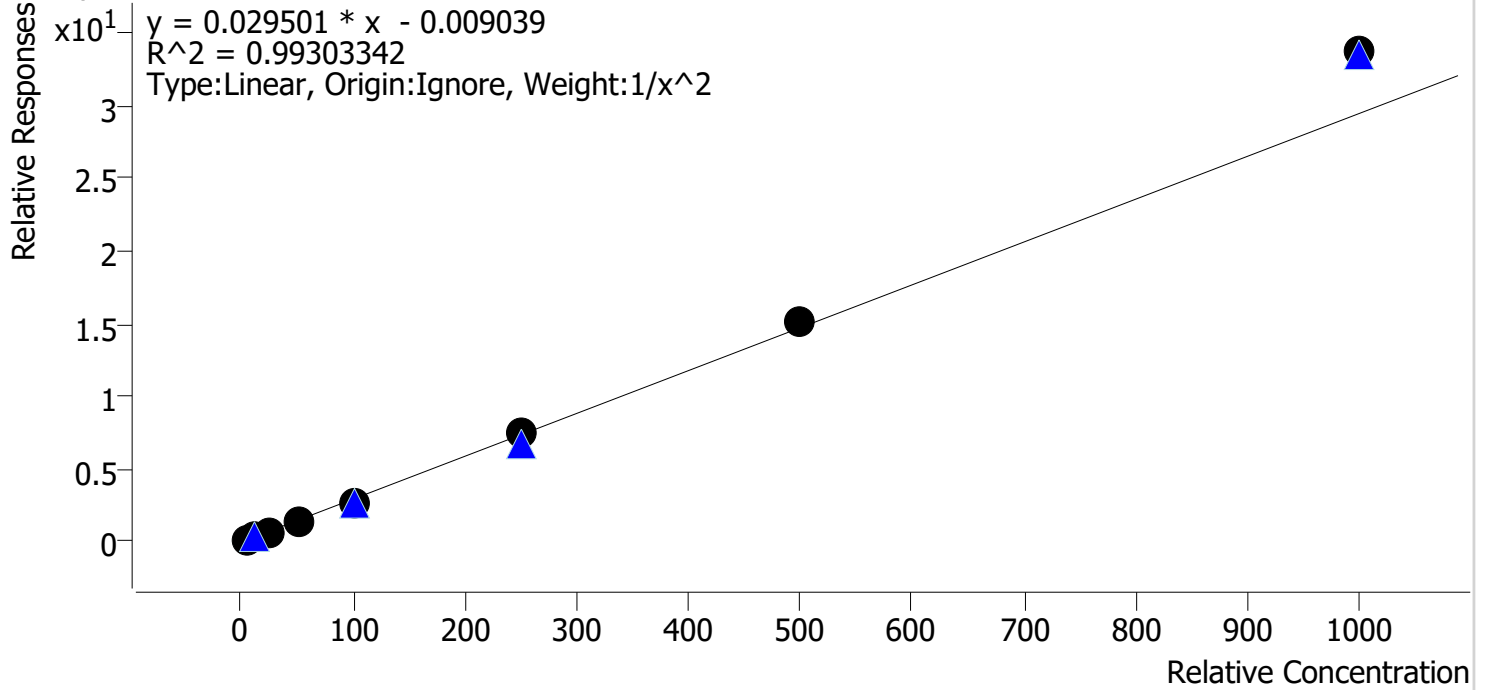
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	0.5	0.5	104.4
cal 2 mdqr	2	✓	1.0	0.9	94.0
cal 3 mdqr	3	✓	2.5	2.4	97.1
cal 4 mdqr	4	✓	5.0	4.6	91.9
cal 5 mdqr	5	✓	10.0	9.8	97.9
cal 6 mdqr	6	✓	25.0	24.9	99.6
cal 7 mdqr	7	✓	50.0	53.6	107.2
cal 8 mdqr	8	✓	100.0	107.9	107.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 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 mdqr	1	✓	5.0	5.2	103.4
cal 2 mdqr	2	✓	10.0	9.7	97.3
cal 3 mdqr	3	✓	25.0	23.4	93.7
cal 4 mdqr	4	✓	50.0	46.8	93.6
cal 5 mdqr	5	✓	100.0	92.9	92.9
cal 6 mdqr	6	✓	250.0	252.9	101.2
cal 7 mdqr	7	✓	500.0	516.5	103.3
cal 8 mdqr	8	✓	1000.0	1144.5	114.5

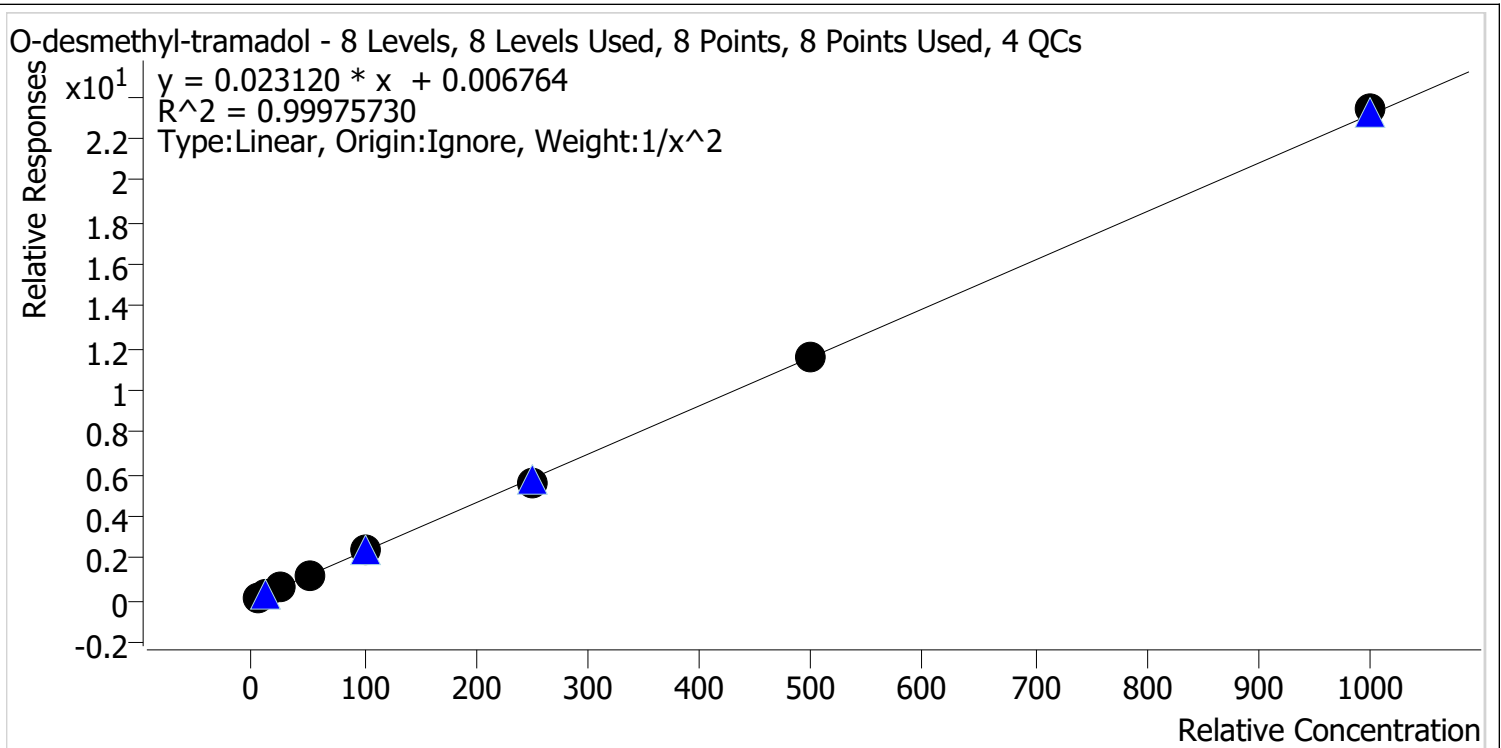
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol

Internal Standard

O-desmethyl-tramadol-D6

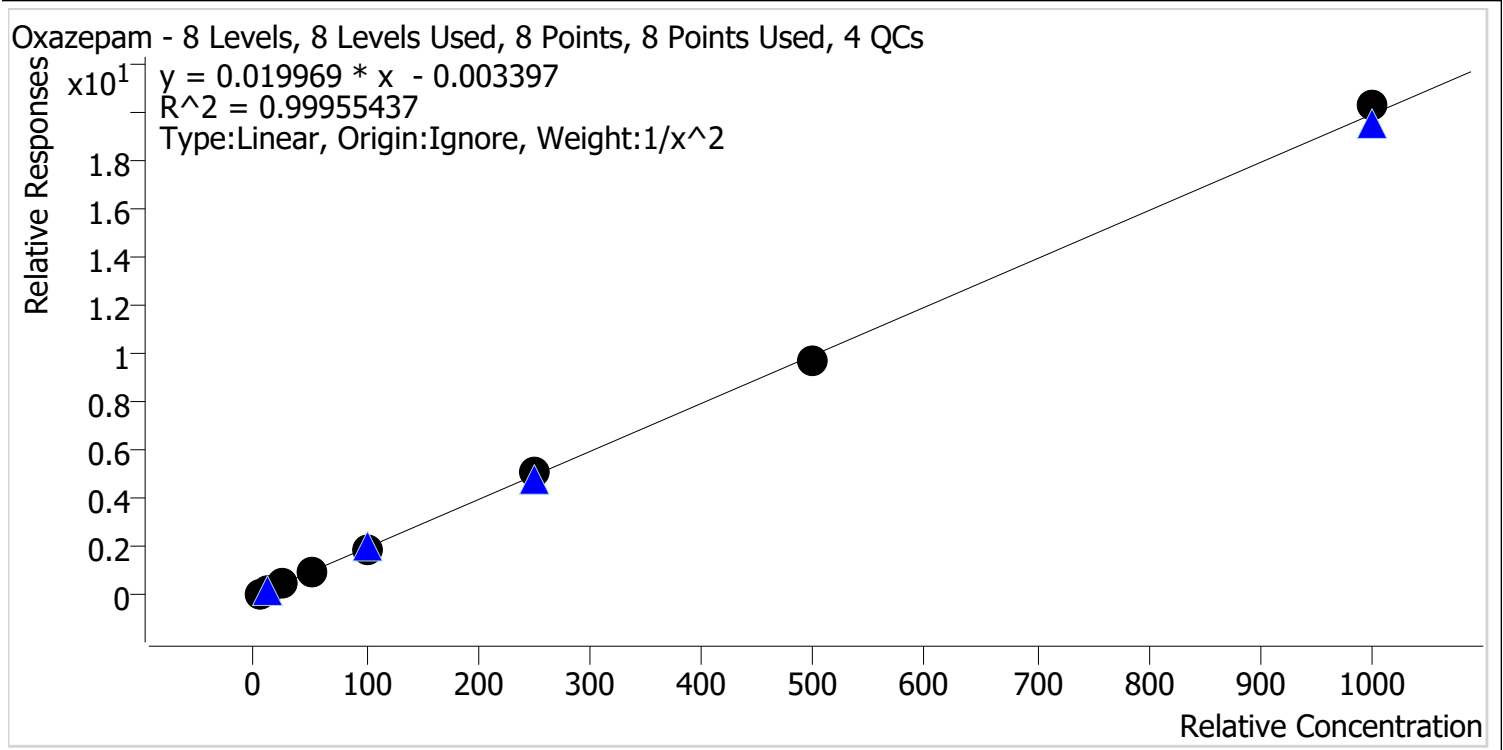


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.3
cal 2 mdqr	2	✓	10.0	10.1	100.7
cal 3 mdqr	3	✓	25.0	25.4	101.6
cal 4 mdqr	4	✓	50.0	50.1	100.2
cal 5 mdqr	5	✓	100.0	100.1	100.1
cal 6 mdqr	6	✓	250.0	243.0	97.2
cal 7 mdqr	7	✓	500.0	498.3	99.7
cal 8 mdqr	8	✓	1000.0	1011.2	101.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.9
cal 2 mdqr	2	✓	10.0	10.2	102.5
cal 3 mdqr	3	✓	25.0	25.0	99.9
cal 4 mdqr	4	✓	50.0	49.9	99.7
cal 5 mdqr	5	✓	100.0	98.1	98.1
cal 6 mdqr	6	✓	250.0	254.1	101.7
cal 7 mdqr	7	✓	500.0	487.0	97.4
cal 8 mdqr	8	✓	1000.0	1018.1	101.8

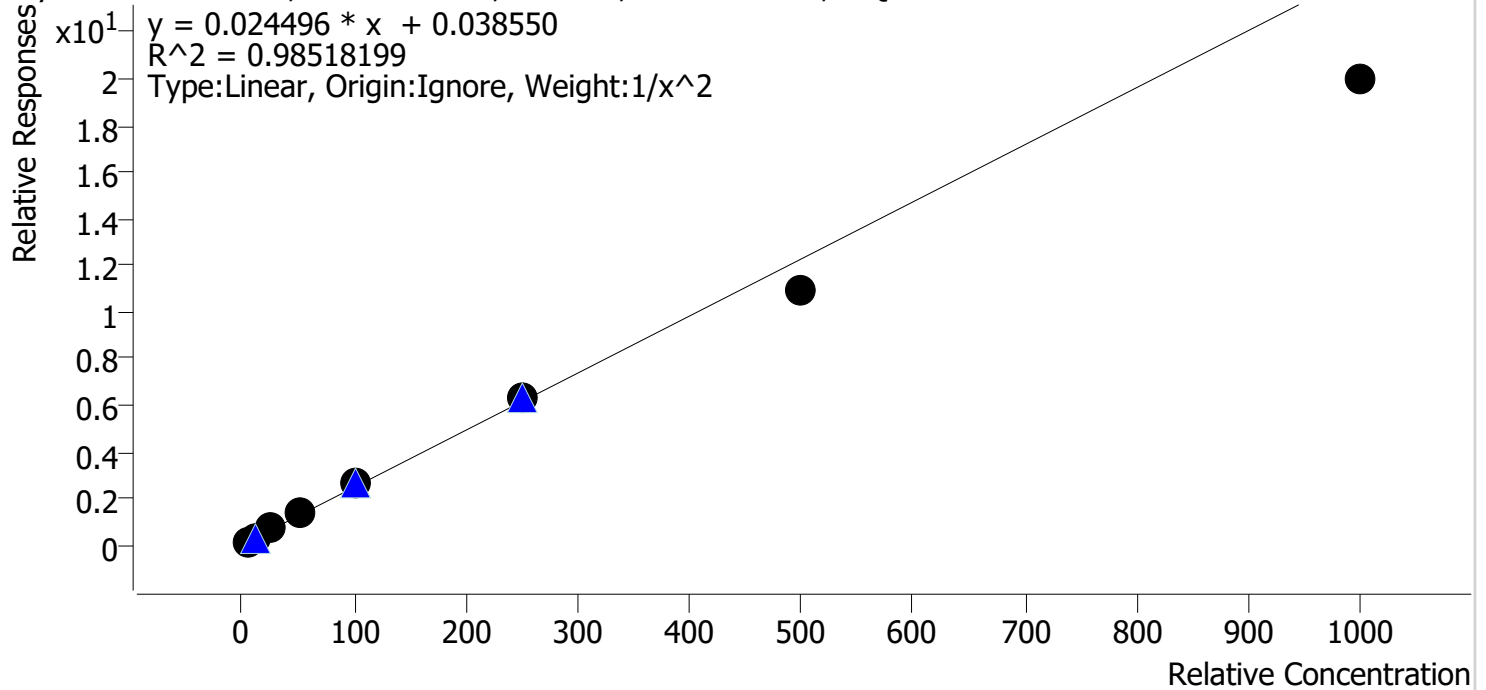
Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Oxycodone

Internal Standard Oxycodone-D6

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



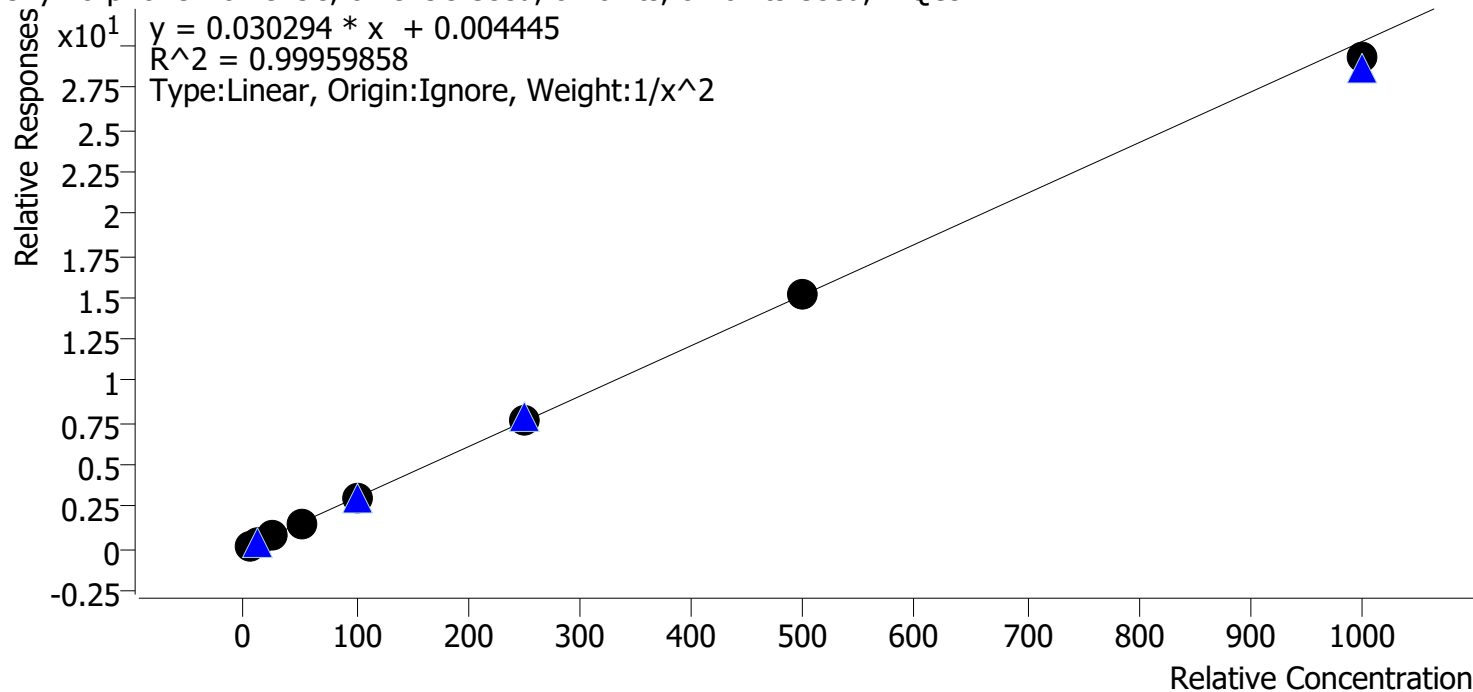
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.7	93.3
cal 2 mdqr	2	✓	10.0	10.8	107.6
cal 3 mdqr	3	✓	25.0	27.2	108.7
cal 4 mdqr	4	✓	50.0	54.8	109.7
cal 5 mdqr	5	✓	100.0	107.2	107.2
cal 6 mdqr	6	✓	250.0	257.3	102.9
cal 7 mdqr	7	✓	500.0	445.8	89.2
cal 8 mdqr	8	✓	1000.0	814.8	81.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.0
cal 2 mdqr	2	✓	10.0	9.9	99.3
cal 3 mdqr	3	✓	25.0	25.3	101.2
cal 4 mdqr	4	✓	50.0	49.6	99.1
cal 5 mdqr	5	✓	100.0	102.5	102.5
cal 6 mdqr	6	✓	250.0	253.5	101.4
cal 7 mdqr	7	✓	500.0	497.8	99.6
cal 8 mdqr	8	✓	1000.0	968.2	96.8

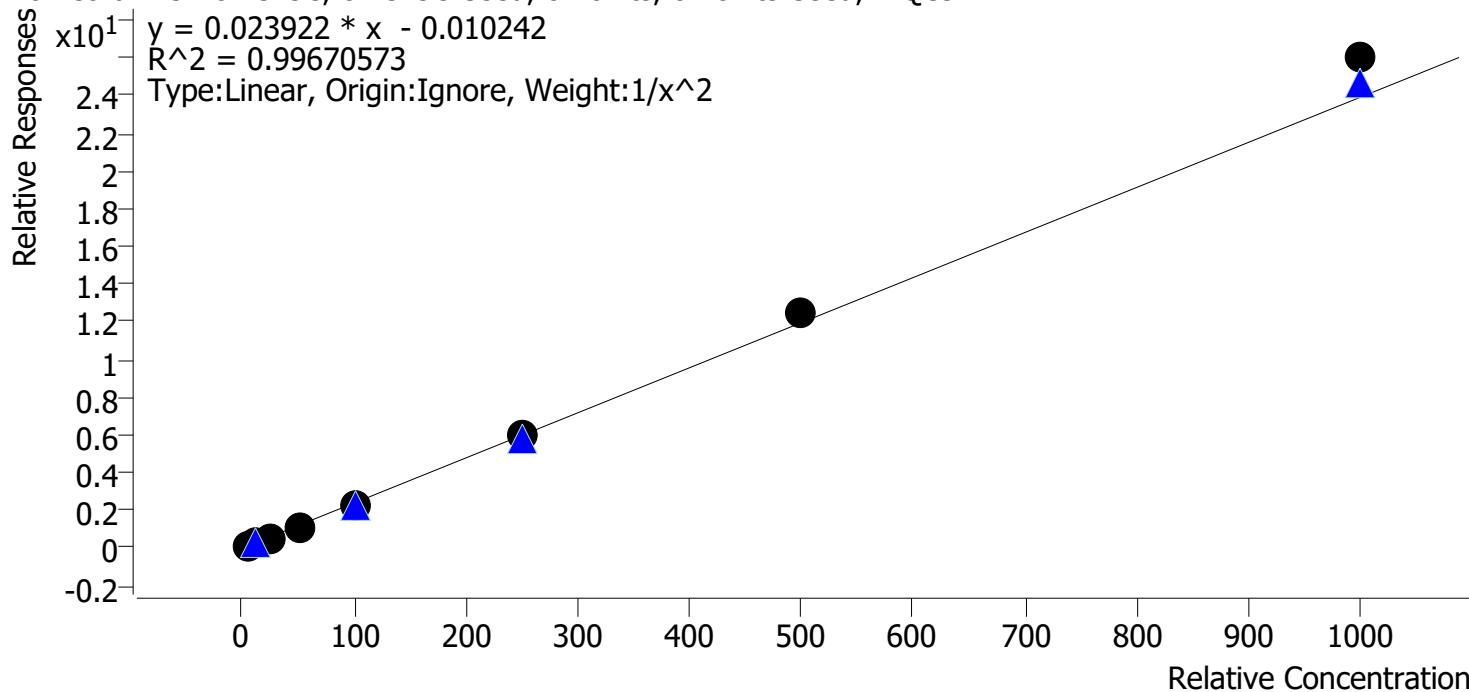
Compound Calibration Report

B. Wylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Promethazine

Internal Standard Promethazine-D3

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



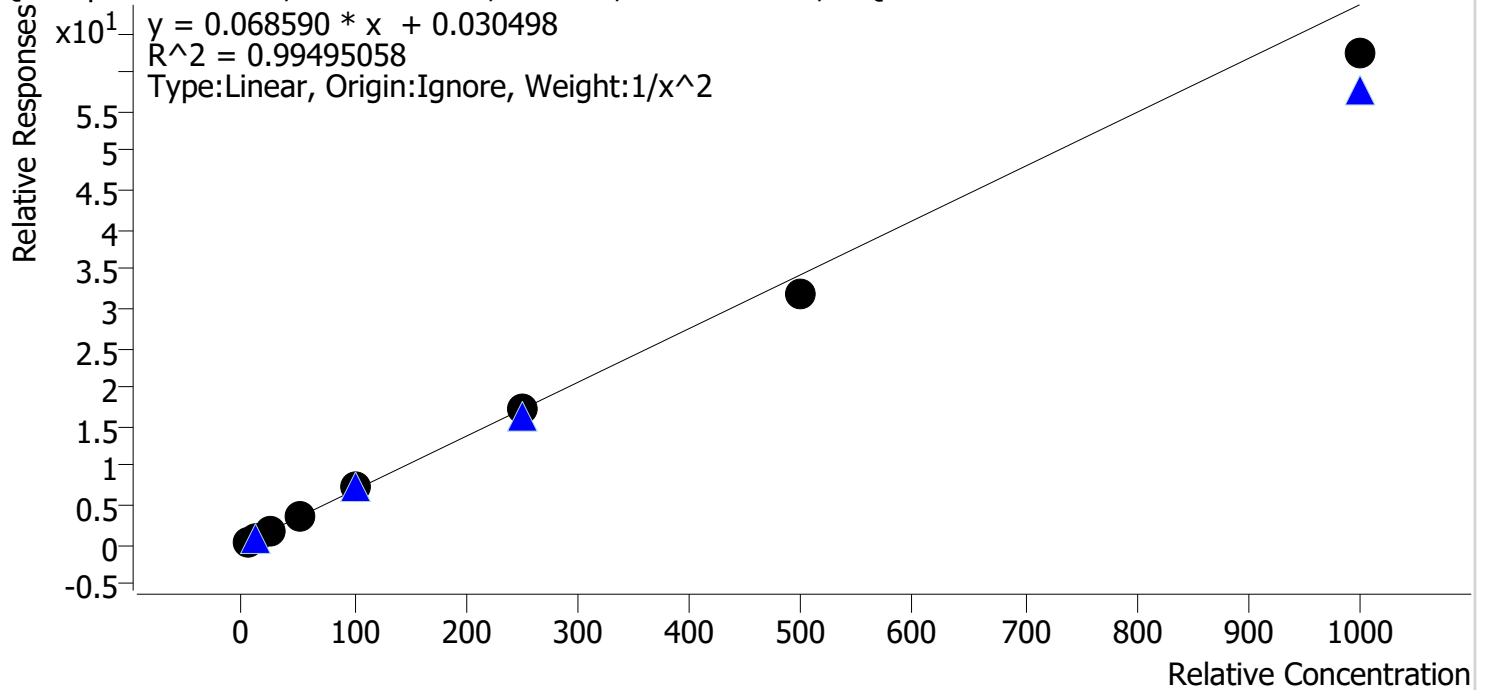
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.2	103.0
cal 2 mdqr	2	✓	10.0	9.7	97.3
cal 3 mdqr	3	✓	25.0	23.6	94.2
cal 4 mdqr	4	✓	50.0	47.6	95.3
cal 5 mdqr	5	✓	100.0	96.9	96.9
cal 6 mdqr	6	✓	250.0	251.4	100.6
cal 7 mdqr	7	✓	500.0	519.2	103.8
cal 8 mdqr	8	✓	1000.0	1088.1	108.8

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



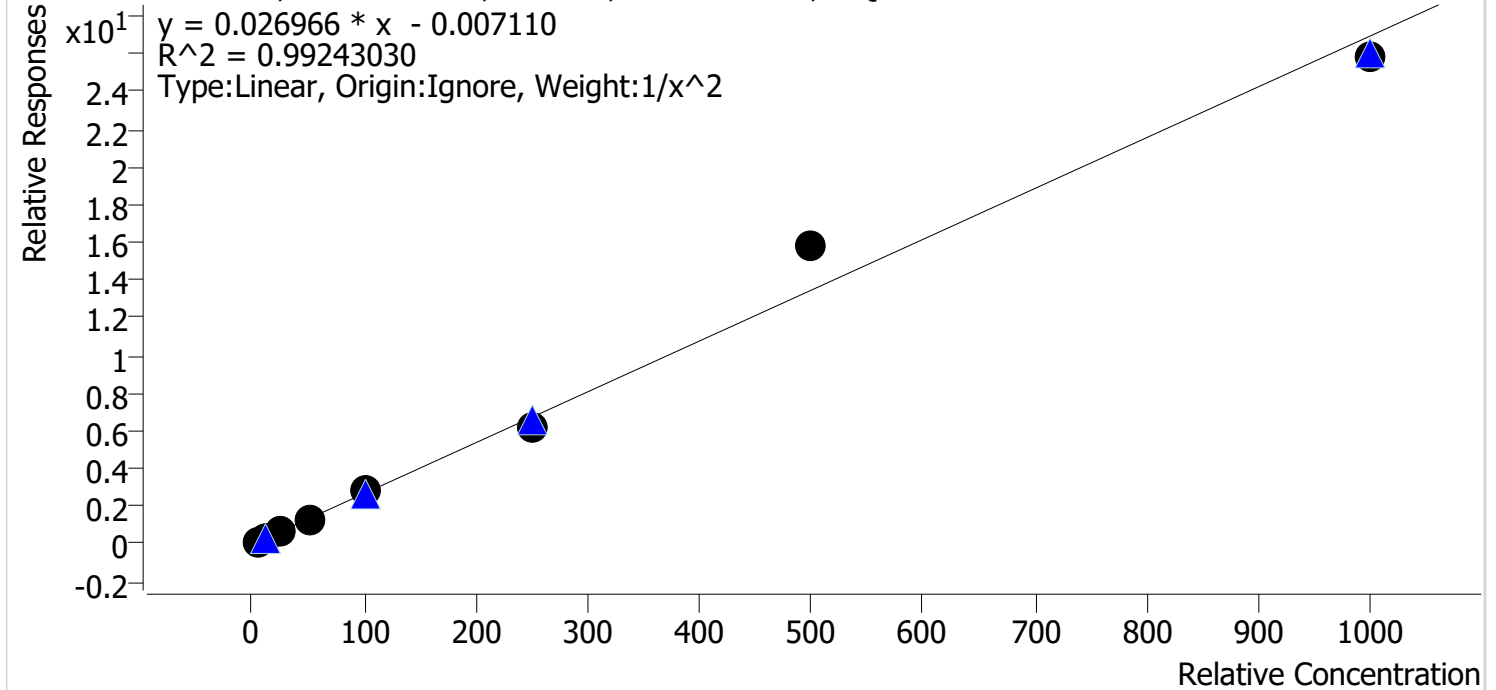
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	95.9
cal 2 mdqr	2	✓	10.0	10.5	104.8
cal 3 mdqr	3	✓	25.0	26.2	105.0
cal 4 mdqr	4	✓	50.0	52.5	104.9
cal 5 mdqr	5	✓	100.0	106.6	106.6
cal 6 mdqr	6	✓	250.0	247.8	99.1
cal 7 mdqr	7	✓	500.0	463.9	92.8
cal 8 mdqr	8	✓	1000.0	909.1	90.9

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



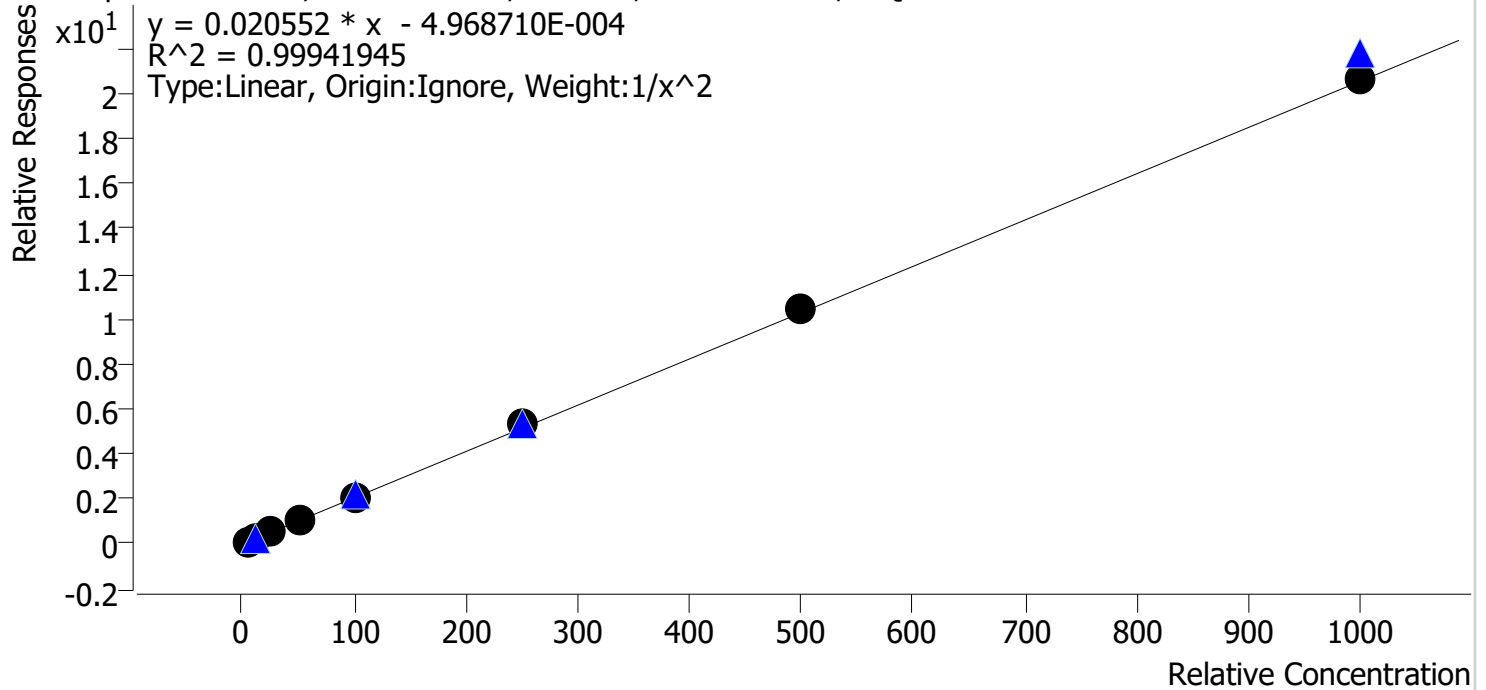
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	102.4
cal 2 mdqr	2	✓	10.0	9.8	97.6
cal 3 mdqr	3	✓	25.0	23.9	95.5
cal 4 mdqr	4	✓	50.0	47.8	95.6
cal 5 mdqr	5	✓	100.0	102.4	102.4
cal 6 mdqr	6	✓	250.0	233.6	93.4
cal 7 mdqr	7	✓	500.0	584.8	117.0
cal 8 mdqr	8	✓	1000.0	960.6	96.1

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



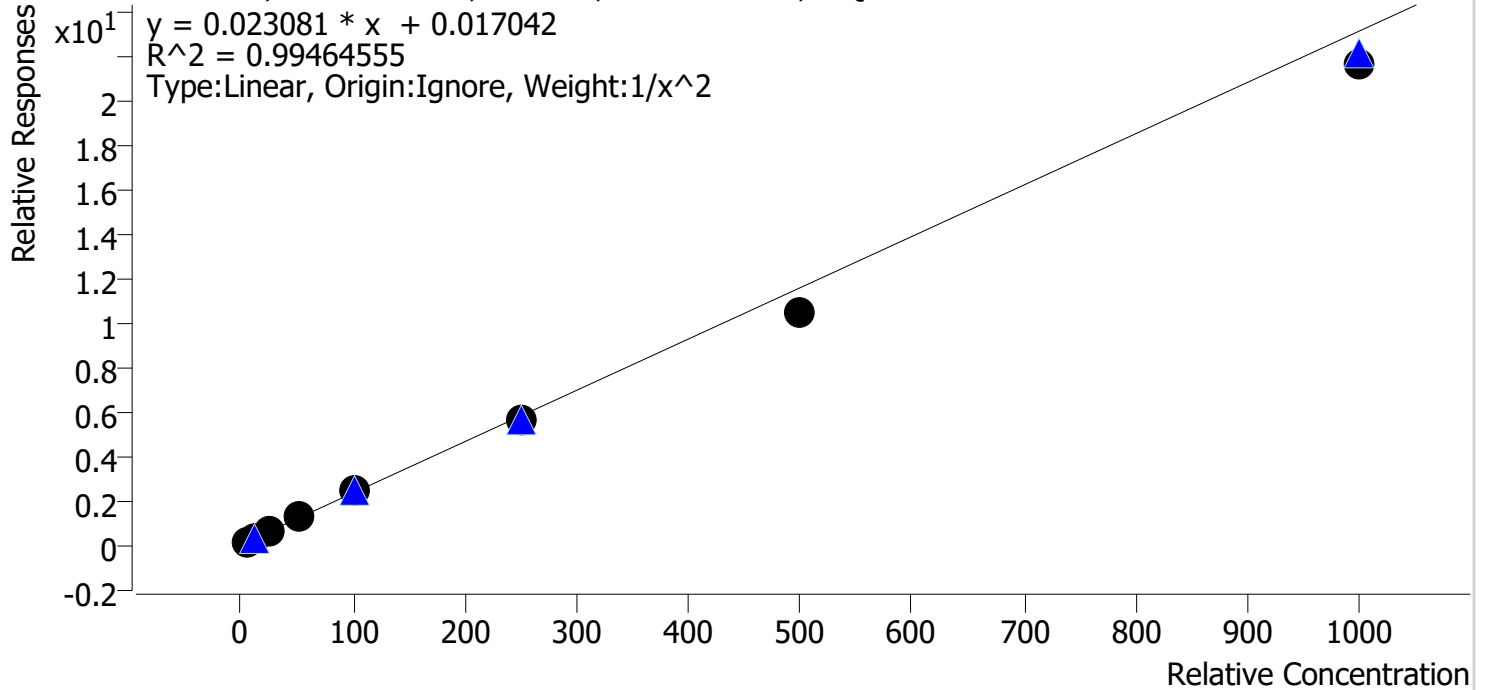
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.4
cal 2 mdqr	2	✓	10.0	9.8	98.2
cal 3 mdqr	3	✓	25.0	24.7	98.7
cal 4 mdqr	4	✓	50.0	48.5	96.9
cal 5 mdqr	5	✓	100.0	99.5	99.5
cal 6 mdqr	6	✓	250.0	258.5	103.4
cal 7 mdqr	7	✓	500.0	506.1	101.2
cal 8 mdqr	8	✓	1000.0	1007.1	100.7

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\1am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 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



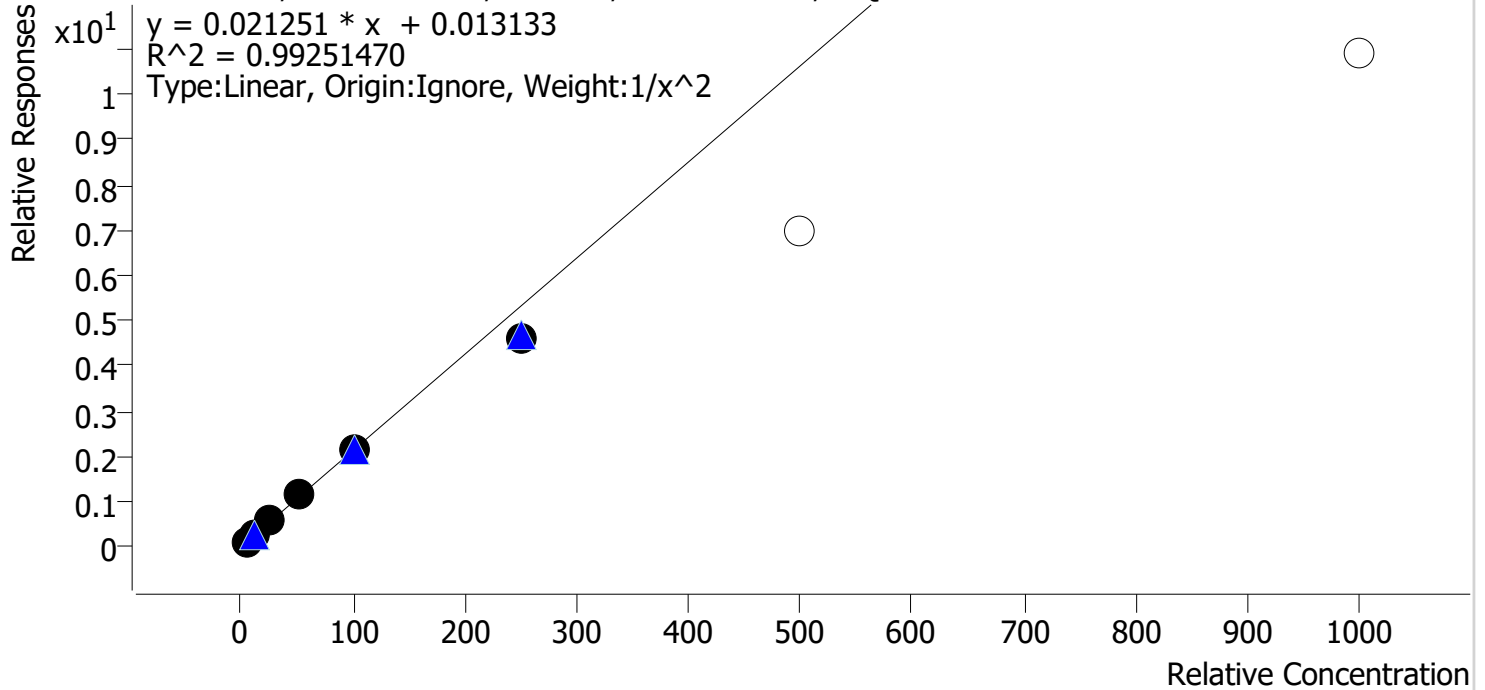
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	96.7
cal 2 mdqr	2	✓	10.0	10.2	101.7
cal 3 mdqr	3	✓	25.0	27.2	108.7
cal 4 mdqr	4	✓	50.0	53.0	106.1
cal 5 mdqr	5	✓	100.0	105.2	105.2
cal 6 mdqr	6	✓	250.0	242.8	97.1
cal 7 mdqr	7	✓	500.0	454.8	91.0
cal 8 mdqr	8	✓	1000.0	935.5	93.6

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



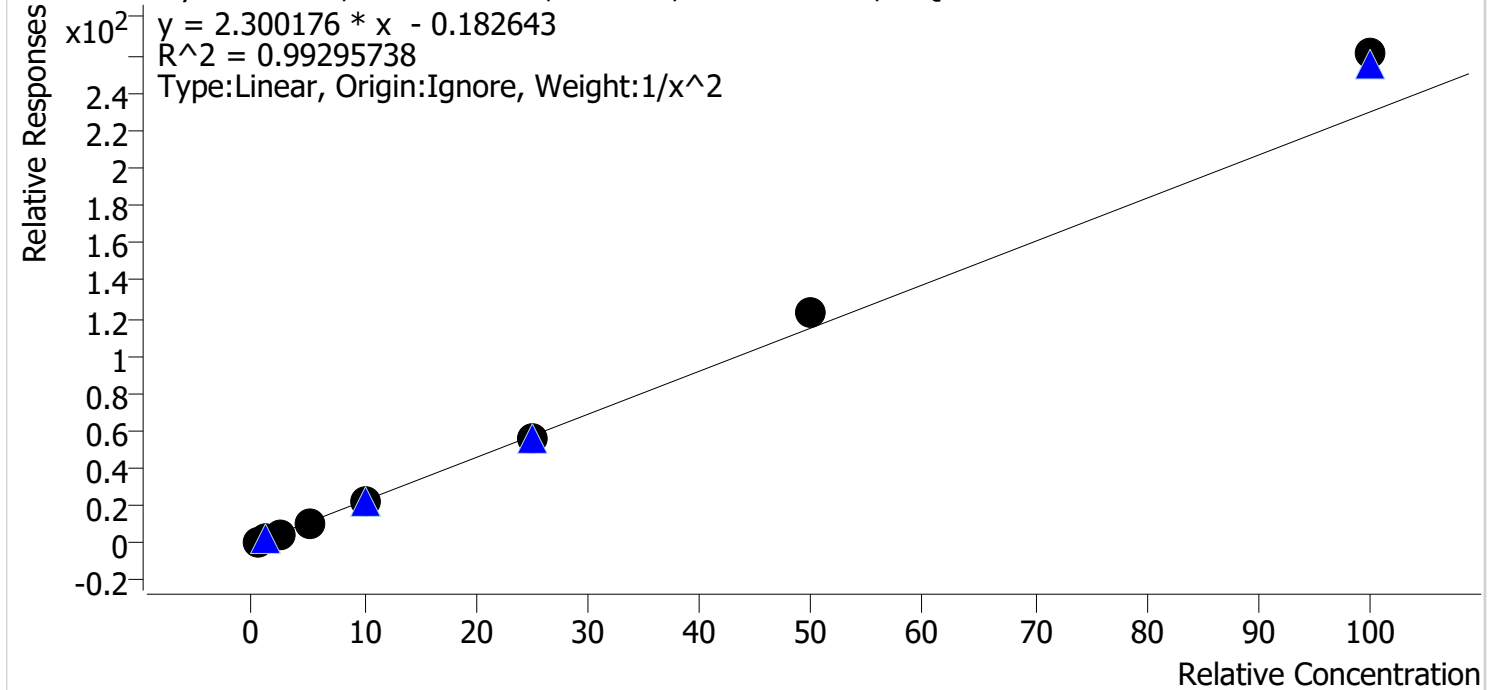
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	97.8
cal 2 mdqr	2	✓	10.0	10.1	101.3
cal 3 mdqr	3	✓	25.0	26.4	105.7
cal 4 mdqr	4	✓	50.0	53.1	106.2
cal 5 mdqr	5	✓	100.0	102.1	102.1
cal 6 mdqr	6	✓	250.0	217.5	87.0
cal 7 mdqr	7	✗	500.0	329.2	65.8
cal 8 mdqr	8	✗	1000.0	512.7	51.3

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

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



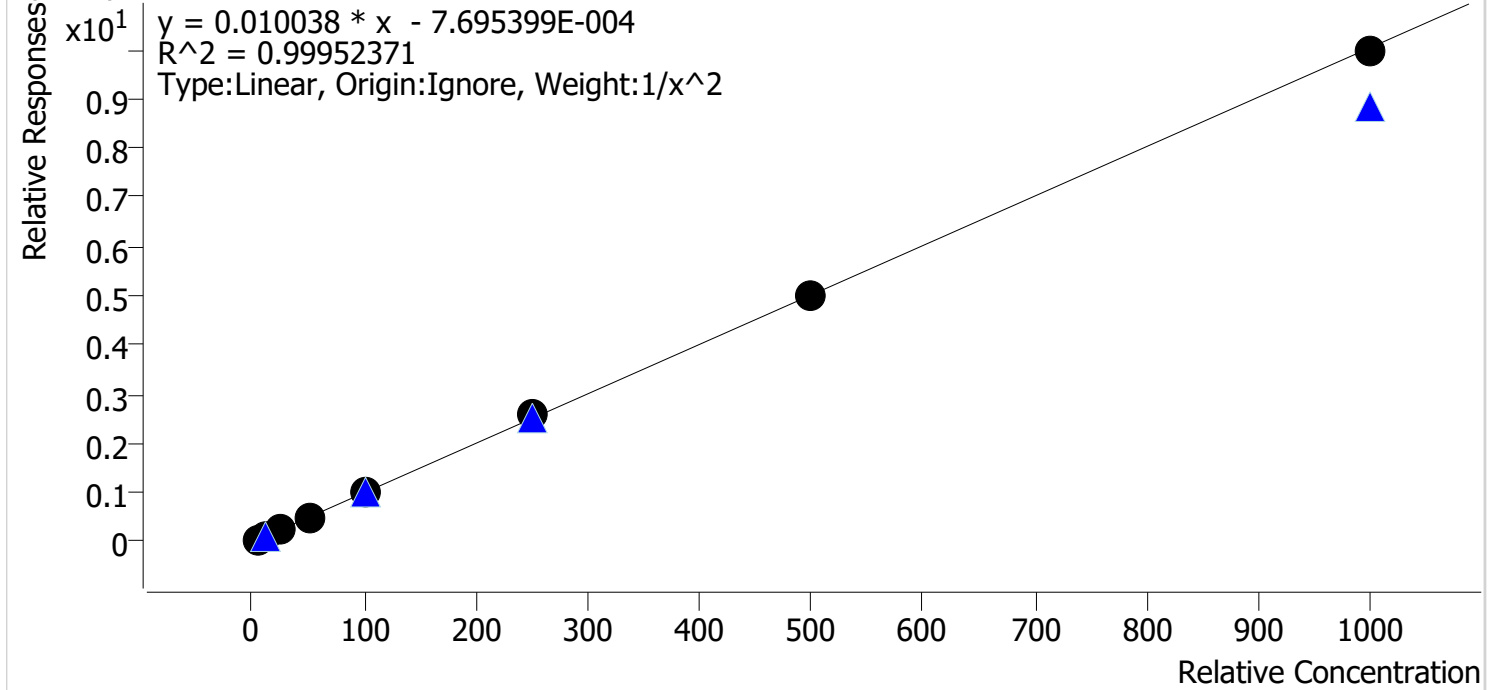
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	0.5	0.5	103.4
cal 2 mdqr	2	✓	1.0	1.0	97.2
cal 3 mdqr	3	✓	2.5	2.4	94.7
cal 4 mdqr	4	✓	5.0	4.6	91.2
cal 5 mdqr	5	✓	10.0	9.7	97.1
cal 6 mdqr	6	✓	25.0	24.1	96.3
cal 7 mdqr	7	✓	50.0	53.3	106.6
cal 8 mdqr	8	✓	100.0	113.5	113.5

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** **Pseudoephedrine-D3**

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



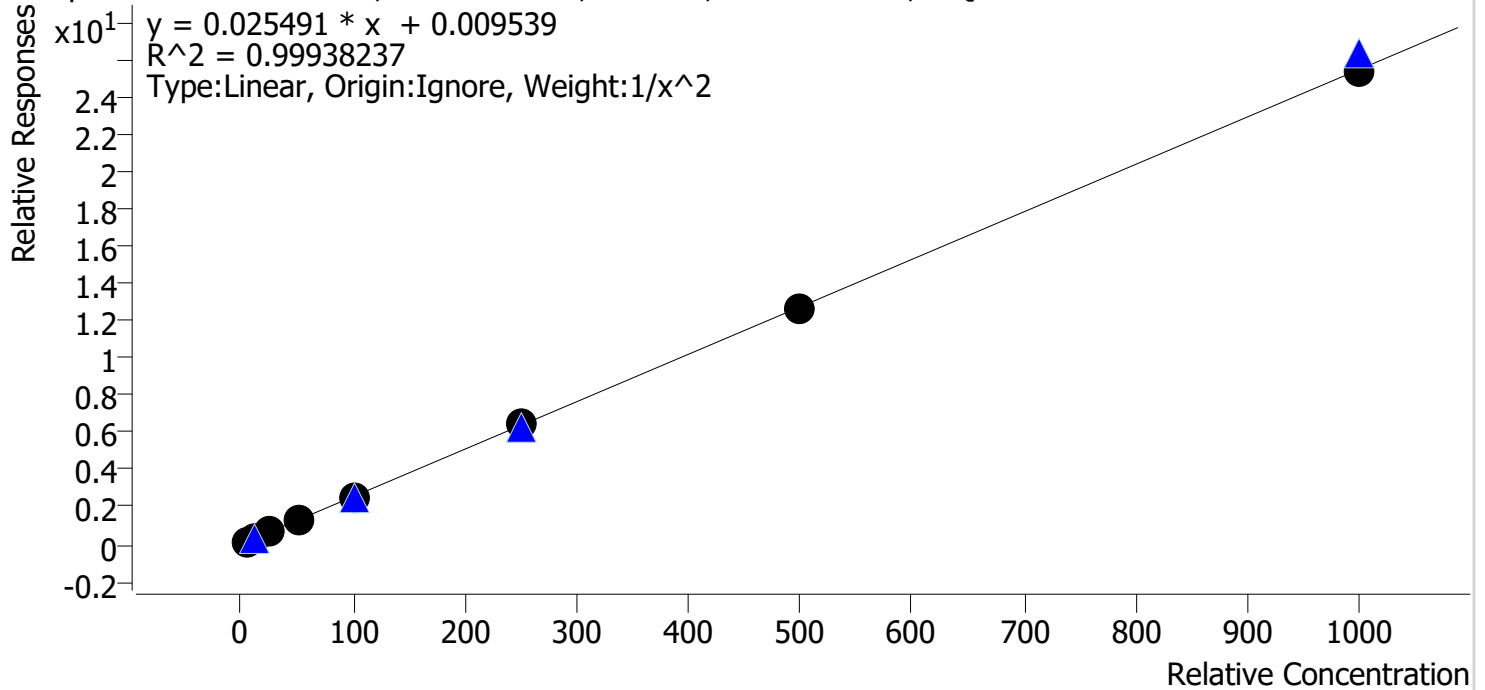
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.2
cal 2 mdqr	2	✓	10.0	9.8	98.4
cal 3 mdqr	3	✓	25.0	24.3	97.1
cal 4 mdqr	4	✓	50.0	50.8	101.5
cal 5 mdqr	5	✓	100.0	99.9	99.9
cal 6 mdqr	6	✓	250.0	257.7	103.1
cal 7 mdqr	7	✓	500.0	498.0	99.6
cal 8 mdqr	8	✓	1000.0	992.1	99.2

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-d6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.2
cal 2 mdqr	2	✓	10.0	10.3	103.3
cal 3 mdqr	3	✓	25.0	25.6	102.4
cal 4 mdqr	4	✓	50.0	48.3	96.7
cal 5 mdqr	5	✓	100.0	100.8	100.8
cal 6 mdqr	6	✓	250.0	250.4	100.1
cal 7 mdqr	7	✓	500.0	496.2	99.2
cal 8 mdqr	8	✓	1000.0	992.5	99.3

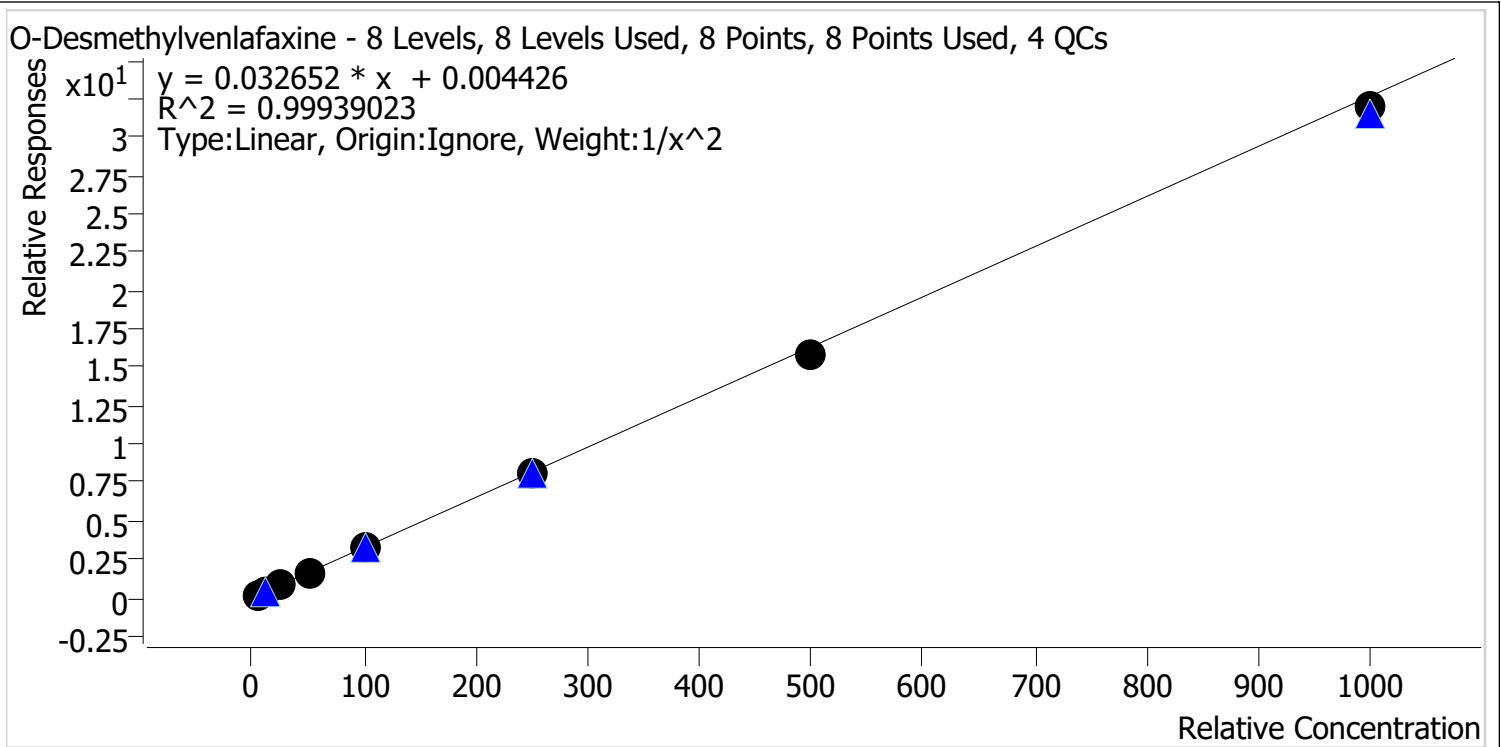
Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Last Cal. Update 5/12/2023 12:35 PM
Analyst Name ISP\datastor
Analyte O-Desmethylvenlafaxine

Internal Standard

O-Desmethylvenlafaxine-d6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.0
cal 2 mdqr	2	✓	10.0	9.9	98.6
cal 3 mdqr	3	✓	25.0	25.5	102.0
cal 4 mdqr	4	✓	50.0	51.3	102.7
cal 5 mdqr	5	✓	100.0	102.2	102.2
cal 6 mdqr	6	✓	250.0	249.6	99.8
cal 7 mdqr	7	✓	500.0	484.3	96.9
cal 8 mdqr	8	✓	1000.0	978.7	97.9

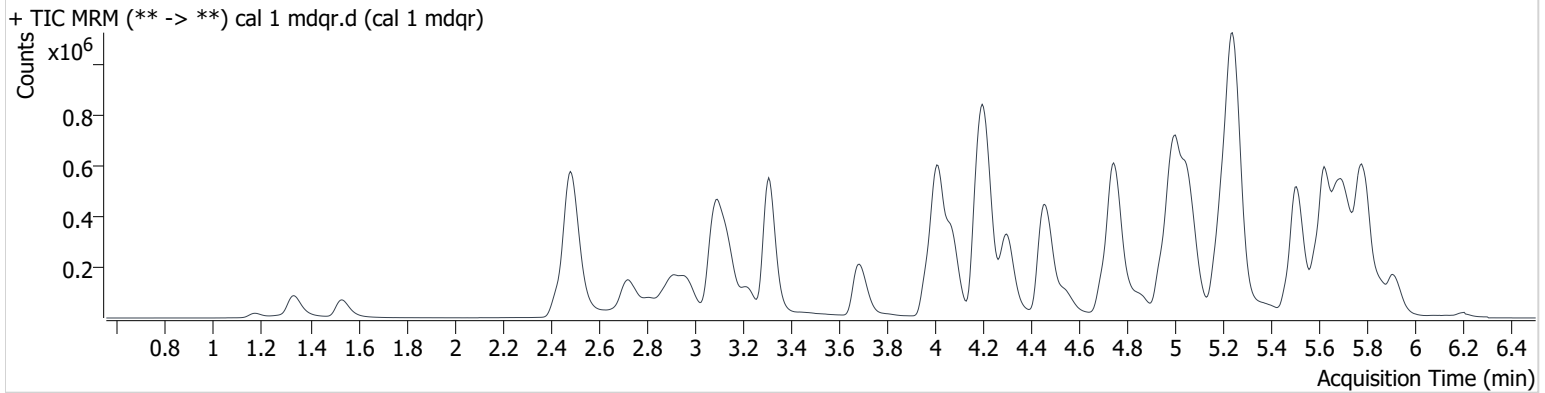
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	cal 1 mdqr.d
Type	Cal	Sample	cal 1 mdqr
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-A4	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 3:09:20 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.082	1690	∞	123.52	1589.1	80029	0.505 ng/ml
7-aminoclonazepam	4.201	20895	1151.7	125.29	3163.0	215963	4.725 ng/ml
a-hydroxyalprazolam	5.650	8591	1184.9	64.27	83439.5	1089478	4.813 ng/ml
alpha-PHP	4.874	37376	1724.5	253.12	15205.6	866093	5.089 ng/ml
alpha-PVP	4.311	116550	18617.6	55.15	4050.2	866093	5.041 ng/ml
Alprazolam	5.739	74317	1162.3	96.75	2197.0	335229	4.969 ng/ml
Amphetamine	2.969	86616	3943.6	263.56	∞	418209	4.544 ng/ml
Benzoylcegonine	3.817	2782	88.5	41.48	94.5	16201	5.121 ng/ml
Buprenorphine	5.622	4741	∞	9.86 Low	47.3	117699	0.325 ng/ml
Bupropion	4.725	106498	8329.5	78.01	1140.7	633021	4.914 ng/ml
Carisoprodol	5.690	52599	60721.0	58.20	825.9	341313	4.901 ng/ml
Chlorpheniramine	5.063	198812	16258.6	0.29	150.1	1476278	4.909 ng/ml
Citalopram	5.180	116366	1774.6	38.83	102636.8	784877	5.043 ng/ml
Clonazepam	5.572	34641	∞	35.46	28406.9	123140	5.069 ng/ml
Clonazolam	5.518	44421	11578.0	36.61	2178.3	230246	5.110 ng/ml
Cocaine	4.215	83576	8332.9	51.10	4743.4	1286465	4.968 ng/ml
Codeine	2.493	13083	4411.0	89.57	2391.9	92003	4.754 ng/ml
Cyclobenzaprine	5.590	110567	29927.5	7.85	188.8	631928	5.016 ng/ml
Dextromethorphan	5.218	77823	846858.2	71.27	∞	652960	6.424 ng/ml
Dextrorphan	4.075	88947	285961.2	45.10	∞	842214	5.511 ng/ml
Diazepam	5.917	47070	988.0	87.91	2143.2	340002	5.097 ng/ml
Dihydrocodeine	2.467	30809	517.2	66.64	815.0	394712	4.803 ng/ml
Diphenhydramine	5.250	361614	∞	34.91	3062.9	2703055	5.058 ng/ml
Doxylamine	4.471	258058	30842.5	95.80	43610.0	1485602	4.901 ng/ml
Duloxetine	5.620	15296	422.3	9.61	468.8	82546	4.974 ng/ml
EDDP	5.213	114219	5384.1	42.99	2450.2	1007070	5.061 ng/ml
Etizolam	5.779	7813	51804.1	407.10	43740.8	340002	4.995 ng/ml
Fentanyl	5.031	10363	2224.3	124.25	14486.5	888354	0.511 ng/ml
Flualprazolam	5.666	29301	∞	87.86	9801.3	230246	5.045 ng/ml
Fluorofentanyl	5.082	9548	5383.3	112.56	99.4	9483	0.517 ng/ml
Fluoxetine	5.687	113138	17286.5	6.72	14272.7	716706	5.016 ng/ml
Hydrocodone	2.946	38298	2242.6	38.67	588.0	392435	4.837 ng/ml
Hydromorphone	1.542	38098	8291.3	72.74	1466.9	215549	5.028 ng/ml

AM #28 Multi-Drug Quant. Results

Buylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.665	98956	1056.7	112.98	1377.7	1978454	5.059 ng/ml
Ketamine	3.984	95318	12810.3	37.45	409.0	649423	4.818 ng/ml
Lamotrigine	4.228	7581	3158.4	102.76	24553.0	716706	5.305 ng/ml
Lorazepam	5.718	15401	181.4	51.79	27.5	409043	5.267 ng/ml
MDA	3.132	118304	1735.9	32.48	3660.8	553255	4.837 ng/ml
MDMA	3.228	79583	92476.4	110.70	5475.2	182715	4.981 ng/ml
Meprobamate	4.849	37958	6613.2	32.41	1028.8	193866	4.875 ng/ml
Methadone	5.630	188256	366638.8	49.76	1462.4	1152829	5.017 ng/ml
Methamphetamine	3.148	276739	∞	37.60	12576.6	1295718	4.855 ng/ml
Metoprolol	4.278	28805	9856.3	95.80	3156.0	553255	5.067 ng/ml
Mirtazapine	4.543	168451	7925.0	47.58	∞	789115	4.957 ng/ml
Mitragynine	5.163	33856	71563.0	29.20	12891.7	1978454	5.233 ng/ml
Morphine	1.181	7225	∞	18.76	∞	13873	4.968 ng/ml
Norbuprenorphine	4.942	1022	31.9	103.00	1040.0	23182	0.485 ng/ml
Nordiazepam	5.866	39116	∞	60.30	3595.7	230246	4.965 ng/ml
Norfentanyl	4.030	2402	2431.6	246.46	273.1	1298513	0.522 ng/ml
Noroxycodone	2.839	31279	1424.6	52.92	478.5	217902	5.172 ng/ml
O-desmethyl-tramadol	3.314	204397	79426.4	6.52	1287.9	1680813	4.967 ng/ml
O-Desmethylvenlafaxine	4.023	59634	394.7	240.40	1380.1	355801	4.998 ng/ml
Olanzapine	4.302	27708	282.1	44.23	274.5	126416	5.167 ng/ml
Oxazepam	5.725	39000	269.5	73.20	68.5	409043	4.945 ng/ml
Oxycodone	2.751	83337	3275.0	31.09	3507.6	545459	4.663 ng/ml
Oxymorphone	1.334	53459	∞	45.20	∞	342742	5.002 ng/ml
Promethazine	5.511	144269	4592.5	40.04	7770.8	1276970	5.151 ng/ml
Pseudoephedrine	2.501	280730	6696.4	17.73	1609.5	1978454	5.069 ng/ml
Quetiapine	5.481	145615	12779.8	65.00	68891.5	405068	4.796 ng/ml
Sertraline	5.750	35163	3114.8	100.28	830.2	268508	5.120 ng/ml
Temazepam	5.787	113028	8918.0	29.37	219.8	1089478	5.072 ng/ml
Tramadol	4.197	216672	∞	3.41	197.3	1683884	4.837 ng/ml
Trazodone	4.989	105355	2621.7	79.87	32929.7	900367	4.888 ng/ml
Venlafaxine	4.991	147960	4797.8	46.78	591.8	1486239	5.465 ng/ml
Zolpidem	4.769	212085	10140.7	26.13	7686.2	1778891	4.928 ng/ml

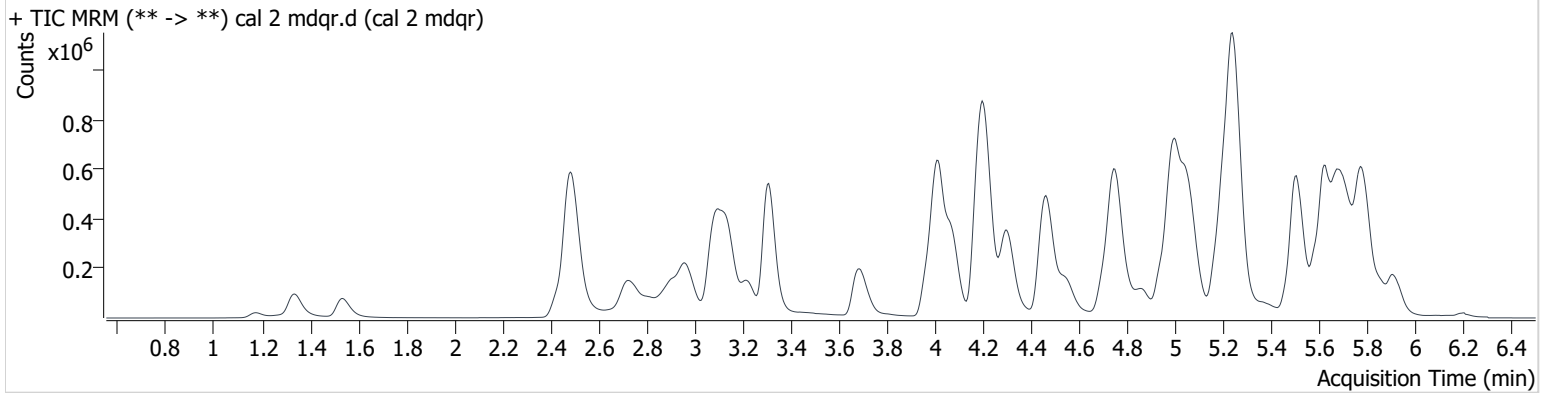
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	cal 2 mdqr.d
Type	Cal	Sample	cal 2 mdqr
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-B4	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 3:18:11 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.077	2903	∞	144.20	6156.4	73313	0.980 ng/ml
7-aminoclonazepam	4.201	38209	3412.7	115.98	20393.5	185080	10.827 ng/ml
a-hydroxyalprazolam	5.655	14584	1213.2	68.74	2012.4	939813	10.219 ng/ml
alpha-PHP	4.874	67345	2082.3	240.48	4932.7	754386	9.962 ng/ml
alpha-PVP	4.306	204727	12395.2	56.12	8335.9	754386	9.860 ng/ml
Alprazolam	5.734	132912	11482.4	93.46	2613.4	294466	10.004 ng/ml
Amphetamine	2.969	152272	5501.3	262.48	∞	381239	10.996 ng/ml
Benzoylcegonine	3.817	4380	2574.4	41.69	107.6	14251	9.518 ng/ml
Buprenorphine	5.627	9247	483.5	12.50	186.6	103050	1.013 ng/ml
Bupropion	4.725	189052	60822.2	74.98	1818.1	593986	9.972 ng/ml
Carisoprodol	5.690	89720	1715447.9	64.82	852.4	286194	10.254 ng/ml
Chlorpheniramine	5.063	352893	∞	0.33	41.8	1293562	10.328 ng/ml
Citalopram	5.180	197044	3689.8	39.79	5567.5	697793	9.733 ng/ml
Clonazepam	5.572	56767	19585.6	37.20	∞	106703	9.630 ng/ml
Clonazolam	5.508	72251	10736.6	38.48	2828.7	200072	9.713 ng/ml
Cocaine	4.215	150959	17915.2	47.63	∞	1137581	10.180 ng/ml
Codeine	2.493	22597	7594.5	93.87	6745.3	80027	10.597 ng/ml
Cyclobenzaprine	5.595	196006	793295.2	8.26	∞	572296	9.957 ng/ml
Dextromethorphan	5.218	129337	11049.4	70.61	∞	572250	10.644 ng/ml
Dextrorphan	4.075	160103	37401.0	44.89	38890.5	764440	10.231 ng/ml
Diazepam	5.917	81384	6448.9	90.08	1903.2	298232	9.750 ng/ml
Dihydrocodeine	2.467	54962	182.2	64.46	995.6	350441	10.373 ng/ml
Diphenhydramine	5.250	676108	26587.6	32.15	6751.8	2373625	10.002 ng/ml
Doxylamine	4.471	462317	23661.5	93.30	79156.1	1333335	10.108 ng/ml
Duloxetine	5.626	29662	372.8	9.24	39.2	79697	10.155 ng/ml
EDDP	5.213	206735	17837.7	42.81	∞	934447	9.847 ng/ml
Etizolam	5.774	14006	∞	395.00	6790.6	298232	10.123 ng/ml
Fentanyl	5.031	17533	6699.2	125.82	5011.9	792040	0.975 ng/ml
Flualprazolam	5.666	48796	1881.8	101.63	767.5	200072	9.901 ng/ml
Fluorofentanyl	5.076	16603	9233.5	116.96	104.3	8088	0.972 ng/ml
Fluoxetine	5.687	207174	∞	6.53	11780.5	667069	9.867 ng/ml
Hydrocodone	2.946	68456	5430.2	38.53	1316.2	345966	10.355 ng/ml
Hydromorphone	1.542	66285	3113.0	74.22	1650.9	191890	9.916 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.665	171651	7987.4	114.39	40833.4	1751324	9.840 ng/ml
Ketamine	3.984	170393	10926.3	36.91	2181.9	584715	10.300 ng/ml
Lamotrigine	4.228	12463	8995.3	101.44	28221.4	667069	9.100 ng/ml
Lorazepam	5.718	25557	249.7	49.88	∞	335870	9.398 ng/ml
MDA	3.131	214067	∞	31.15	1665.8	497211	10.395 ng/ml
MDMA	3.228	135430	18824.6	114.46	12002.5	157589	9.926 ng/ml
Meprobamate	4.849	63779	5654.7	32.72	354.4	173210	10.252 ng/ml
Methadone	5.625	324805	15726.6	51.51	5314.3	1037313	9.855 ng/ml
Methamphetamine	3.148	401478	∞	37.48	2413.4	1214064	10.083 ng/ml
Metoprolol	4.278	49982	20711.0	95.00	13959.1	497211	9.731 ng/ml
Mirtazapine	4.548	295588	25605.0	47.36	147579.5	669917	10.261 ng/ml
Mitragynine	5.158	58600	13970.6	30.43	31078.9	1751324	9.645 ng/ml
Morphine	1.181	13153	37877.9	17.97	∞	12995	10.096 ng/ml
Norbuprenorphine	4.947	1620	53.0	102.20	2986.3	20816	1.014 ng/ml
Nordiazepam	5.861	68140	6935.6	58.67	2684.0	200072	10.118 ng/ml
Norfentanyl	4.035	3992	3983.1	257.79	376.6	1171078	0.940 ng/ml
Noroxycodone	2.834	54909	690.6	50.74	231.2	197426	9.734 ng/ml
O-desmethyl-tramadol	3.314	361333	28503.9	6.49	2174.8	1508055	10.071 ng/ml
O-Desmethylvenlafaxine	4.023	103382	676.0	246.31	6866.3	316615	9.864 ng/ml
Olanzapine	4.302	57645	845.8	45.02	525.3	136998	9.493 ng/ml
Oxazepam	5.720	67575	669.2	70.63	734.3	335870	10.245 ng/ml
Oxycodone	2.751	150380	9339.3	28.45	5241.2	497614	10.763 ng/ml
Oxymorphone	1.339	96780	∞	45.04	∞	316931	9.933 ng/ml
Promethazine	5.505	265355	2077423.5	39.21	3173.8	1192044	9.734 ng/ml
Pseudoephedrine	2.496	502331	9541.8	17.50	11086.9	1751324	9.929 ng/ml
Quetiapine	5.481	263594	∞	62.19	248656.2	351840	10.478 ng/ml
Sertraline	5.750	66323	4115.8	100.31	5619.9	259034	9.758 ng/ml
Temazepam	5.781	189125	∞	29.33	373.4	939813	9.816 ng/ml
Tramadol	4.197	380739	∞	3.52	1960.1	1512290	10.170 ng/ml
Trazodone	4.989	190835	9715.3	70.58	2710.0	835668	10.128 ng/ml
Venlafaxine	4.991	259078	4612.2	47.88	3584.5	1386376	9.767 ng/ml
Zolpidem	4.769	373626	46711.9	25.64	22969.3	1562378	10.197 ng/ml

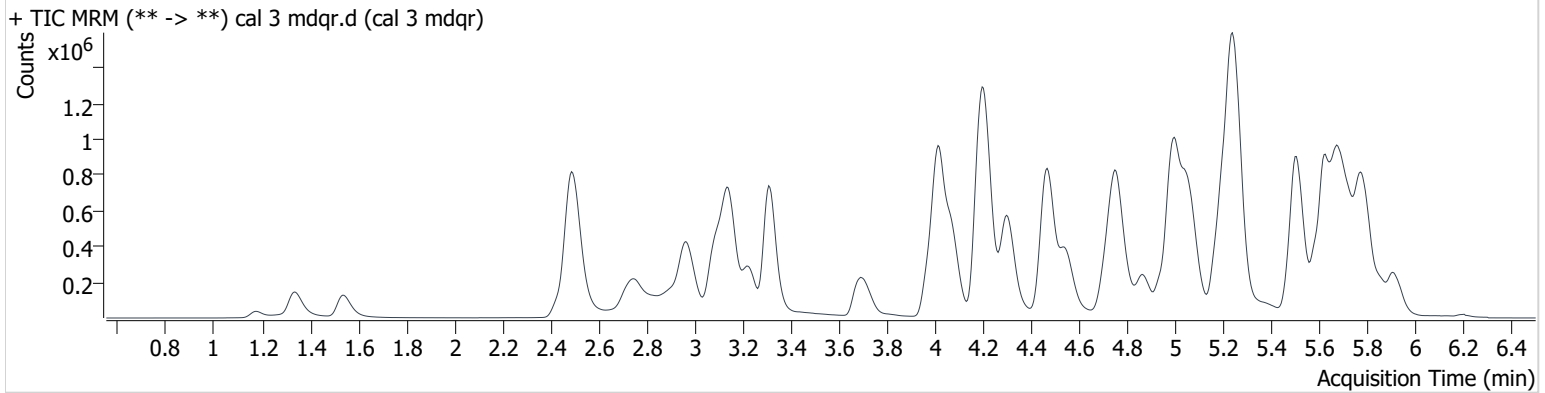
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	cal 3 mdqr.d
Type	Cal	Sample	cal 3 mdqr
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-C4	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 3:26:54 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.082	7120	∞	142.60	49802.1	72220	2.498 ng/ml
7-aminoclonazepam	4.196	94458	5168.3	111.96	11291.7	193827	26.453 ng/ml
a-hydroxyalprazolam	5.655	35884	5756.4	65.70	676.4	886254	27.903 ng/ml
alpha-PHP	4.874	169794	11644.3	249.00	200514.6	774320	23.699 ng/ml
alpha-PVP	4.306	540849	30444.5	54.24	10609.7	774320	24.903 ng/ml
Alprazolam	5.734	323997	∞	94.12	∞	283243	25.187 ng/ml
Amphetamine	2.969	364461	64695.7	268.51	∞	405774	27.733 ng/ml
Benzoylecgonine	3.817	12054	24592.3	42.85	283.9	15403	24.923 ng/ml
Buprenorphine	5.633	20106	1974.1	14.11	470.8	102455	2.494 ng/ml
Bupropion	4.725	473785	30737.3	76.95	6577.6	589479	26.339 ng/ml
Carisoprodol	5.690	210718	3830567.4	62.01	6277.0	273026	25.647 ng/ml
Chlorpheniramine	5.063	922885	∞	0.30	102.4	1393741	25.602 ng/ml
Citalopram	5.180	508504	15879.6	39.39	∞	692951	25.518 ng/ml
Clonazepam	5.572	142680	10788.4	34.79	61089.7	104237	24.854 ng/ml
Clonazolam	5.513	170844	42375.8	37.14	16638.0	194781	23.834 ng/ml
Cocaine	4.215	374464	22188.9	50.70	78454.7	1154104	24.935 ng/ml
Codeine	2.498	55763	6555.1	90.12	9244.6	83200	26.767 ng/ml
Cyclobenzaprine	5.595	496651	84745.4	7.95	794.3	580543	25.091 ng/ml
Dextromethorphan	5.218	326941	28036.5	72.42	53456.9	581846	23.911 ng/ml
Dextrorphan	4.075	400063	68454.6	46.19	619451.2	782391	23.957 ng/ml
Diazepam	5.917	203767	5388.9	87.79	3078.6	290781	24.557 ng/ml
Dihydrocodeine	2.467	144457	964.4	62.87	442.9	363833	27.357 ng/ml
Diphenhydramine	5.250	1711359	520386.0	32.05	368680.5	2385227	24.162 ng/ml
Doxylamine	4.471	1229757	600789.6	92.76	∞	1402713	26.058 ng/ml
Duloxetine	5.626	70788	811.1	10.55	151.1	79183	24.619 ng/ml
EDDP	5.213	531515	23340.6	41.51	6074.8	952306	24.803 ng/ml
Etizolam	5.779	32838	142950.3	405.13	6641.9	290781	24.224 ng/ml
Fentanyl	5.026	42803	1985.2	130.67	125852.3	793894	2.381 ng/ml
Flualprazolam	5.671	117938	∞	103.12	4100.8	194781	24.957 ng/ml
Fluorofentanyl	5.082	42895	53476.7	111.77	330.0	8147	2.368 ng/ml
Fluoxetine	5.687	520891	∞	6.30	38564.2	647172	25.570 ng/ml
Hydrocodone	2.951	172085	19022.3	38.24	1223.1	344057	26.990 ng/ml
Hydromorphone	1.542	174342	8279.2	74.74	3342.2	201803	24.939 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.665	433047	143214.6	117.37	208594.2	1783324	24.267 ng/ml
Ketamine	3.984	426250	47396.2	38.23	5541.2	590442	26.618 ng/ml
Lamotrigine	4.228	32123	2329.4	101.89	15286.5	647172	23.594 ng/ml
Lorazepam	5.718	56665	655.7	48.85	556.3	292317	22.053 ng/ml
MDA	3.132	517960	5646.7	30.23	21480.9	497362	26.063 ng/ml
MDMA	3.228	356670	57954.7	110.63	19841.7	159301	26.024 ng/ml
Meprobamate	4.854	157894	6195.6	32.75	2092.0	179562	26.191 ng/ml
Methadone	5.625	845134	26799.9	51.11	5158.8	1069652	25.255 ng/ml
Methamphetamine	3.148	875049	∞	39.15	4902.8	1254001	26.473 ng/ml
Metoprolol	4.278	125215	43177.8	96.28	13520.4	497362	24.287 ng/ml
Mirtazapine	4.548	766416	176154.6	49.66	40584.4	735711	24.246 ng/ml
Mitragynine	5.158	146081	159191.1	30.67	40806.6	1783324	22.720 ng/ml
Morphine	1.181	33841	∞	18.82	∞	14095	24.591 ng/ml
Norbuprenorphine	4.942	4106	7683.1	86.72	10008.3	21591	2.773 ng/ml
Nordiazepam	5.860	162164	∞	60.42	∞	194781	24.970 ng/ml
Norfentanyl	4.035	10523	18466.0	258.45	880.3	1173827	2.428 ng/ml
Noroxycodone	2.839	136646	1667.4	51.59	1593.9	200282	23.433 ng/ml
O-desmethyl-tramadol	3.314	935860	46148.1	6.30	6859.0	1574851	25.410 ng/ml
O-Desmethylvenlafaxine	4.023	268558	5644.6	245.62	5924.2	320940	25.492 ng/ml
Olanzapine	4.302	177727	423.6	46.04	880.1	160771	24.190 ng/ml
Oxazepam	5.720	144802	2083.9	74.11	3849.4	292317	24.976 ng/ml
Oxycodone	2.751	361641	3563.9	30.42	1224.6	513683	27.167 ng/ml
Oxymorphone	1.339	254181	∞	45.47	∞	329609	25.309 ng/ml
Promethazine	5.511	669113	44014.7	40.39	8031.6	1209526	23.554 ng/ml
Pseudoephedrine	2.501	1263535	∞	17.43	∞	1783324	24.071 ng/ml
Quetiapine	5.481	673219	887340.4	62.82	∞	367800	26.241 ng/ml
Sertraline	5.750	163617	58599.8	102.87	51727.7	256877	23.884 ng/ml
Temazepam	5.781	448801	13266.5	29.86	1311.7	886254	24.664 ng/ml
Tramadol	4.197	987192	∞	3.30	1866.2	1532898	27.164 ng/ml
Trazodone	4.989	478736	33046.7	78.77	10928.5	833396	26.413 ng/ml
Venlafaxine	4.996	670361	45773.0	47.71	∞	1350777	25.009 ng/ml
Zolpidem	4.769	926386	72859.1	27.35	16232.9	1543166	26.066 ng/ml

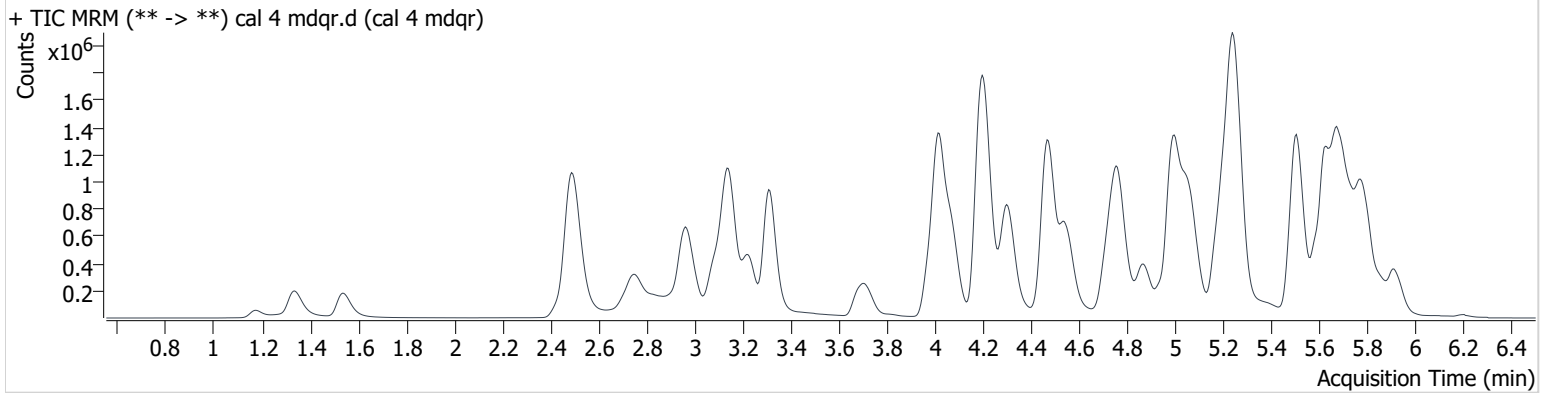
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	cal 4 mdqr.d
Type	Cal	Sample	cal 4 mdqr
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-D4	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 3:35:36 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.077	13667	∞	135.05	15619.3	69548	5.017 ng/ml
7-aminoclonazepam	4.196	196815	28259.6	117.10	36374.8	207601	52.084 ng/ml
a-hydroxyalprazolam	5.650	55409	269.5	66.55	721.1	733956	52.693 ng/ml
alpha-PHP	4.874	309595	7634.9	252.83	10385.5	692529	47.765 ng/ml
alpha-PVP	4.306	979580	184820.8	55.36	12706.3	692529	50.122 ng/ml
Alprazolam	5.734	569081	∞	90.24	∞	245959	50.834 ng/ml
Amphetamine	2.969	636770	43861.5	285.30	69202.6	375262	54.532 ng/ml
Benzoylcegonine	3.822	22380	23848.4	42.84	∞	14455	49.741 ng/ml
Buprenorphine	5.633	35047	2336.6	14.66	544.9	97869	4.745 ng/ml
Bupropion	4.725	859014	23114.9	75.93	30944.6	541825	52.692 ng/ml
Carisoprodol	5.690	334036	∞	62.32	93897.8	222720	50.098 ng/ml
Chlorpheniramine	5.063	1598414	4193.0	0.33	280.1	1287046	48.346 ng/ml
Citalopram	5.180	909881	812577.2	40.77	36222.0	637281	49.781 ng/ml
Clonazepam	5.572	243324	30052.9	33.50	63851.2	85672	51.623 ng/ml
Clonazolam	5.518	301624	7626.6	38.84	79503.6	170506	48.242 ng/ml
Cocaine	4.215	683387	217989.0	49.91	56878.8	1065005	49.344 ng/ml
Codeine	2.498	96610	8200.2	94.48	23912.8	74987	52.536 ng/ml
Cyclobenzaprine	5.595	899997	∞	8.41	∞	528505	50.090 ng/ml
Dextromethorphan	5.218	537439	96320.9	83.23	14314.4	523204	42.291 ng/ml
Dextrorphan	4.075	748550	53546.2	44.40	∞	722206	47.833 ng/ml
Diazepam	5.917	384218	∞	87.41	∞	274076	48.820 ng/ml
Dihydrocodeine	2.467	257773	7228.2	63.97	1376.7	340881	52.751 ng/ml
Diphenhydramine	5.250	3064355	97918.3	31.00	270759.7	2131598	47.731 ng/ml
Doxylamine	4.471	2318834	97727.2	94.43	∞	1332214	52.058 ng/ml
Duloxetine	5.626	128520	1607.6	11.25	396.1	70428	50.422 ng/ml
EDDP	5.213	907360	81334.0	43.64	3734708.9	832773	48.394 ng/ml
Etizolam	5.779	64153	∞	387.62	5337.6	274076	50.120 ng/ml
Fentanyl	5.026	80780	4221.5	131.29	81984.8	725660	4.921 ng/ml
Flualprazolam	5.671	196822	∞	99.19	5117.3	170506	47.810 ng/ml
Fluorofentanyl	5.082	78252	1222.5	118.76	399.9	7596	4.558 ng/ml
Fluoxetine	5.687	912294	∞	6.01	∞	586233	49.439 ng/ml
Hydrocodone	2.946	289797	∞	39.65	2412.5	317960	49.620 ng/ml
Hydromorphone	1.542	313573	7159.0	75.00	9792.3	184349	49.193 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.665	806713	675113.7	118.06	280881.4	1585807	50.753 ng/ml
Ketamine	3.984	778756	54959.4	38.97	3960.0	548675	53.054 ng/ml
Lamotrigine	4.228	56509	4648.3	97.40	99757.2	586233	45.490 ng/ml
Lorazepam	5.713	92629	∞	45.75	3044.9	211241	48.344 ng/ml
MDA	3.131	863823	11534.2	30.52	∞	412235	53.098 ng/ml
MDMA	3.228	649180	634470.4	109.77	24309.0	152184	49.673 ng/ml
Meprobamate	4.849	270360	11447.0	32.53	6342.1	158773	51.872 ng/ml
Methadone	5.630	1536462	4084906.5	51.37	21139.9	981567	50.283 ng/ml
Methamphetamine	3.148	1588512	∞	37.47	29955.2	1168182	56.028 ng/ml
Metoprolol	4.278	221517	∞	89.69	∞	412235	51.775 ng/ml
Mirtazapine	4.548	1441474	40999.2	48.58	39646.7	671008	50.014 ng/ml
Mitragynine	5.158	264765	10153.6	32.16	182219.6	1585807	45.668 ng/ml
Morphine	1.176	61919	∞	19.43	∞	12409	51.609 ng/ml
Norbuprenorphine	4.952	7141	24682.1	96.21	34416.8	20680	5.202 ng/ml
Nordiazepam	5.860	286081	20759.1	60.54	∞	170506	50.488 ng/ml
Norfentanyl	4.035	17824	1556.0	276.94	3041.8	1044643	4.597 ng/ml
Noroxycodone	2.839	247377	22110.2	49.71	2309.8	180315	46.811 ng/ml
O-desmethyl-tramadol	3.314	1723464	176891.5	6.42	10986.9	1478831	50.115 ng/ml
O-Desmethylvenlafaxine	4.023	499804	6159.3	238.99	27893.0	297310	51.349 ng/ml
Olanzapine	4.302	338567	1316.1	47.74	685.4	155849	47.091 ng/ml
Oxazepam	5.720	209653	23900.0	69.39	∞	211241	49.871 ng/ml
Oxycodone	2.751	669996	44040.3	30.11	10007.6	484960	54.826 ng/ml
Oxymorphone	1.334	460809	∞	45.65	∞	305990	49.565 ng/ml
Promethazine	5.511	1281152	394893.9	39.59	45079.1	1134360	47.641 ng/ml
Pseudoephedrine	2.501	2296510	∞	17.14	∞	1585807	48.875 ng/ml
Quetiapine	5.486	1239347	66715.2	63.53	2288681.5	341468	52.471 ng/ml
Sertraline	5.750	310627	133896.4	99.25	25132.3	242213	47.821 ng/ml
Temazepam	5.787	730651	19350.7	29.78	4897.4	733956	48.461 ng/ml
Tramadol	4.192	1771159	∞	3.41	2663.8	1426823	53.044 ng/ml
Trazodone	4.989	894427	14178.3	77.81	37344.5	783449	53.104 ng/ml
Venlafaxine	4.991	1229558	76277.6	47.98	3247.6	1331531	46.050 ng/ml
Zolpidem	4.769	1723896	117207.6	27.71	70869.3	1573749	47.819 ng/ml

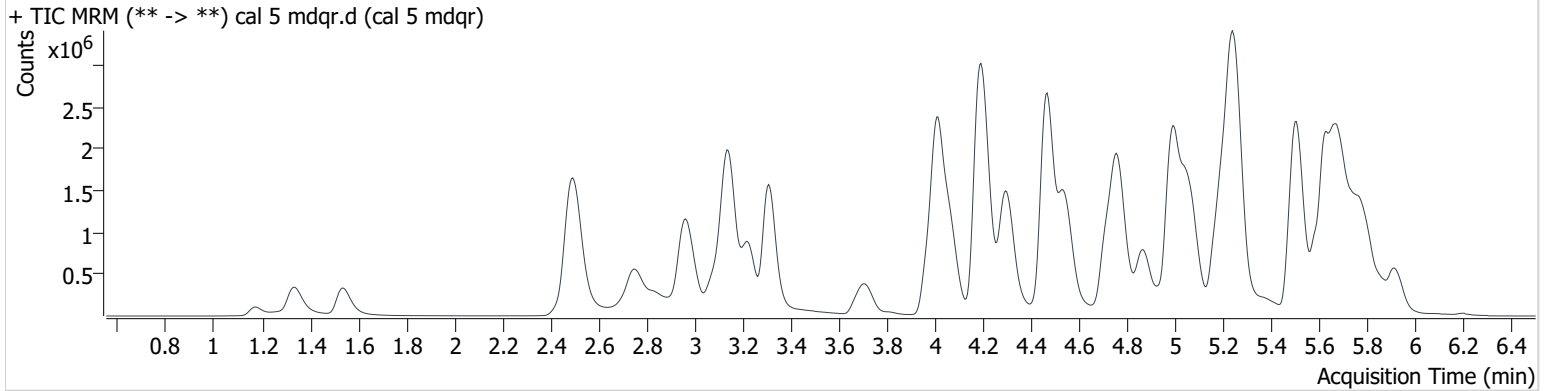
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	cal 5 mdqr.d
Type	Cal	Sample	cal 5 mdqr
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-E4	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 3:44:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	28448	∞	137.65	∞	73212	9.958 ng/ml
7-aminoclonazepam	4.185	318913	18666.3	113.34	6483.5	173650	101.512 ng/ml
a-hydroxyalprazolam	5.655	78385	1252.1	67.82	1434.5	562222	97.965 ng/ml
alpha-PHP	4.869	697090	9095.6	249.26	12197.3	760075	97.433 ng/ml
alpha-PVP	4.301	2121782	86494.6	54.39	17675.3	760075	98.623 ng/ml
Alprazolam	5.734	1102334	23034.8	92.97	∞	230946	104.752 ng/ml
Amphetamine	2.969	1188760	37696.0	275.81	50981.6	381922	102.036 ng/ml
Benzoylcegonine	3.812	51138	12119.9	42.01	1617.0	16366	100.835 ng/ml
Buprenorphine	5.633	69838	7586.7	15.53	595.0	97141	9.762 ng/ml
Bupropion	4.720	1916855	195149.5	74.44	79684.6	602096	106.573 ng/ml
Carisoprodol	5.695	534393	∞	60.49	187618.5	171161	104.588 ng/ml
Chlorpheniramine	5.063	3620790	∞	0.31	4154.3	1404054	100.792 ng/ml
Citalopram	5.175	1817843	144148.4	40.42	∞	619162	102.517 ng/ml
Clonazepam	5.567	428603	25771.2	33.37	442419.9	74241	104.983 ng/ml
Clonazolam	5.518	566241	∞	36.64	∞	144686	106.935 ng/ml
Cocaine	4.210	1432067	116587.5	51.22	1360413.0	1134779	97.074 ng/ml
Codeine	2.498	174245	14509.9	95.59	12458.2	68753	104.482 ng/ml
Cyclobenzaprine	5.595	1708093	178580.0	8.94	1782.7	523376	96.130 ng/ml
Dextromethorphan	5.218	1243353	454469.1	69.37	173793.8	525515	95.171 ng/ml
Dextrorphan	4.070	1622275	131870.5	45.07	143945.6	764069	97.242 ng/ml
Diazepam	5.917	750169	∞	86.85	∞	267697	97.283 ng/ml
Dihydrocodeine	2.462	495484	9355.0	64.42	1755.9	355972	97.699 ng/ml
Diphenhydramine	5.250	6425284	215582.6	31.17	183795.7	2166920	97.727 ng/ml
Doxylamine	4.466	5306315	∞	93.76	88856.7	1518678	104.830 ng/ml
Duloxetine	5.626	209300	1505.9	9.49	576.6	58658	98.746 ng/ml
EDDP	5.213	1914027	480900.9	43.59	42795.9	859488	98.884 ng/ml
Etizolam	5.779	128000	∞	400.45	8316.7	267697	102.296 ng/ml
Fentanyl	5.026	170076	18948.2	130.87	∞	745246	10.094 ng/ml
Flualprazolam	5.671	347123	4078.9	100.73	1958.2	144686	99.640 ng/ml
Fluorofentanyl	5.082	172062	71008.9	118.20	3418.1	7767	9.711 ng/ml
Fluoxetine	5.693	1537525	330339.9	6.39	140470.6	487088	100.279 ng/ml
Hydrocodone	2.941	593866	11652.0	38.74	5212.7	320964	101.282 ng/ml
Hydromorphone	1.537	679303	10883.7	74.71	5619.5	193986	101.373 ng/ml

AM #28 Multi-Drug Quant. Results

BWylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.670	1597608	16956.0	116.65	620730.9	1593685	99.939 ng/ml
Ketamine	3.974	1664091	159328.9	37.79	12707.2	584425	107.185 ng/ml
Lamotrigine	4.228	108063	974.8	96.25	7689.1	487088	104.240 ng/ml
Lorazepam	5.713	119397	∞	45.67	1800.6	127793	101.626 ng/ml
MDA	3.126	1547605	22721.0	29.79	15210.9	389465	101.271 ng/ml
MDMA	3.228	1347021	∞	109.15	145556.5	155366	101.063 ng/ml
Meprobamate	4.849	504432	3936.8	32.82	3202.1	150951	102.981 ng/ml
Methadone	5.630	3391081	5311277.4	50.02	40640.0	1067091	102.347 ng/ml
Methamphetamine	3.148	3254334	64101.5	38.98	77569.0	1292929	107.691 ng/ml
Metoprolol	4.268	424556	1295276.1	93.06	∞	389465	104.974 ng/ml
Mirtazapine	4.543	3166892	230659.3	48.23	60137.1	711549	103.634 ng/ml
Mitragynine	5.153	547726	183577.3	33.95	287498.3	1593685	93.357 ng/ml
Morphine	1.176	134239	∞	18.54	∞	13514	103.206 ng/ml
Norbuprenorphine	4.947	13521	15750.0	108.00	∞	21713	9.546 ng/ml
Nordiazepam	5.871	486913	∞	61.02	97083.9	144686	101.431 ng/ml
Norfentanyl	4.030	35307	44609.5	265.09	2558.3	968433	9.792 ng/ml
Noroxycodone	2.834	485960	∞	50.31	2835.0	177831	92.938 ng/ml
O-desmethyl-tramadol	3.309	3778154	110722.4	6.43	10597.8	1628159	100.075 ng/ml
O-Desmethylvenlafaxine	4.013	1043911	22523.2	240.73	11489.7	312477	102.178 ng/ml
Olanzapine	4.296	731133	4013.7	46.89	1022.5	147839	106.612 ng/ml
Oxazepam	5.720	250017	4528.8	72.90	15989.3	127793	98.142 ng/ml
Oxycodone	2.746	1383266	88766.4	29.54	37412.7	519025	107.226 ng/ml
Oxymorphone	1.334	1015100	∞	45.19	∞	326474	102.491 ng/ml
Promethazine	5.511	2674227	3493360.6	39.55	23595.3	1158663	96.911 ng/ml
Pseudoephedrine	2.501	4647199	∞	16.70	37438.6	1593685	98.099 ng/ml
Quetiapine	5.481	2561520	381316.9	61.83	∞	348895	106.594 ng/ml
Sertraline	5.750	510400	35038.2	97.63	278636.6	185354	102.378 ng/ml
Temazepam	5.792	1149361	20674.7	30.04	2327.4	562222	99.493 ng/ml
Tramadol	4.187	3774078	∞	3.18	2125.2	1543820	105.179 ng/ml
Trazodone	4.989	1809146	46873.5	79.01	249392.2	828947	102.081 ng/ml
Venlafaxine	4.991	2788002	217791.9	45.15	31293.9	1373394	100.562 ng/ml
Zolpidem	4.764	3859591	216738.9	27.26	90823.2	1664235	101.587 ng/ml

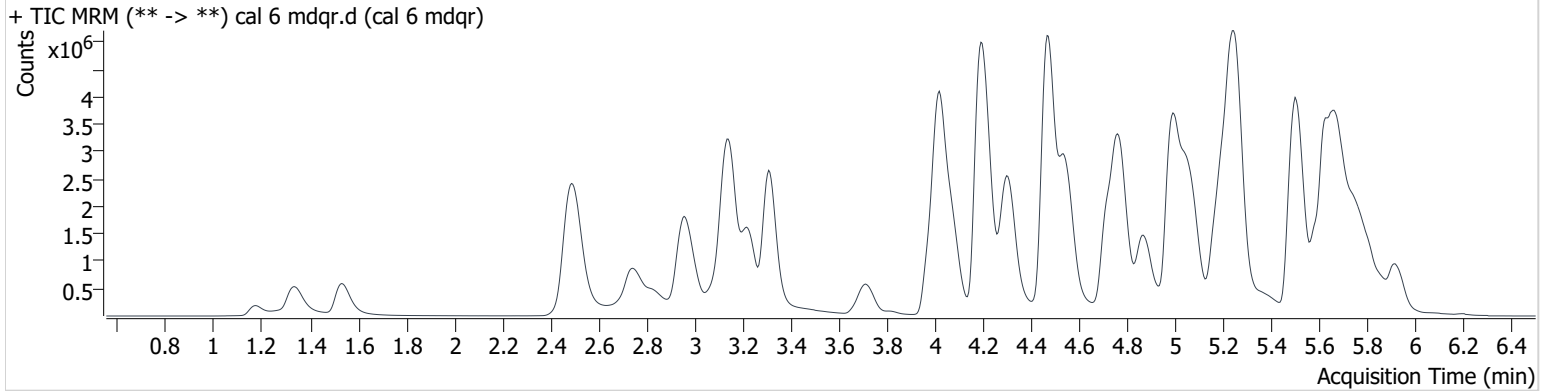
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	cal 6 mdqr.d
Type	Cal	Sample	cal 6 mdqr
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-F4	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 3:53:00 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	62506	59980.4	135.32	209348.9	63599	25.245 ng/ml
7-aminoclonazepam	4.185	502088	164044.4	107.06	83671.3	129910	214.354 ng/ml
a-hydroxyalprazolam	5.650	103071	451.6	62.77	104.9	286084	254.379 ng/ml
alpha-PHP	4.874	1390047	159536.0	252.66	158520.6	605671	243.024 ng/ml
alpha-PVP	4.306	4227948	1657542.1	54.34	49416.1	605671	246.168 ng/ml
Alprazolam	5.734	1855433	12607.7	96.17	∞	155854	261.105 ng/ml
Amphetamine	2.964	2010347	31597.4	262.32	∞	307575	216.912 ng/ml
Benzoylcegonine	3.817	118057	347955.9	41.92	3838.3	14922	255.987 ng/ml
Buprenorphine	5.633	104025	7408.8	17.08	5869.0	58315	24.571 ng/ml
Bupropion	4.720	3937506	1084776.6	73.75	53355.2	524607	252.282 ng/ml
Carisoprodol	5.695	730082	1210579.6	60.55	27766.2	97380	251.532 ng/ml
Chlorpheniramine	5.058	7496260	76871.2	0.32	3241.8	1172854	250.362 ng/ml
Citalopram	5.170	3138318	129830.8	40.91	∞	439269	249.669 ng/ml
Clonazepam	5.567	647331	28962.9	33.24	∞	46613	252.609 ng/ml
Clonazolam	5.524	864631	∞	36.32	∞	87216	271.142 ng/ml
Cocaine	4.215	2840708	68280.8	48.40	∞	840521	260.025 ng/ml
Codeine	2.493	291058	42401.8	95.20	11544.8	49809	242.438 ng/ml
Cyclobenzaprine	5.590	3373140	97971.1	8.62	∞	401610	247.624 ng/ml
Dextromethorphan	5.213	2092071	215381.5	78.31	∞	381011	218.603 ng/ml
Dextrorphan	4.075	3220300	255726.0	44.74	69447.3	598492	245.345 ng/ml
Diazepam	5.917	1540627	∞	85.91	∞	212504	251.197 ng/ml
Dihydrocodeine	2.457	952214	18053.9	63.50	12931.7	306504	218.942 ng/ml
Diphenhydramine	5.254	12067727	966434.6	30.37	141707.1	1609983	246.004 ng/ml
Doxylamine	4.471	10801158	55659477.3	94.14	193072.8	1282819	253.078 ng/ml
Duloxetine	5.626	331813	1865.8	9.89	645.1	35740	257.189 ng/ml
EDDP	5.213	3961447	∞	42.86	3302844.7	678341	259.271 ng/ml
Etizolam	5.779	244449	7078.9	394.77	140670.3	212504	245.986 ng/ml
Fentanyl	5.026	306413	17396.6	134.34	16506.6	538184	25.190 ng/ml
Flualprazolam	5.671	536483	40608.2	96.97	3716.6	87216	255.865 ng/ml
Fluorofentanyl	5.082	342754	318.4	116.04	1755.1	6213	24.063 ng/ml
Fluoxetine	5.693	2329974	∞	6.59	∞	298226	248.199 ng/ml
Hydrocodone	2.941	1246212	21778.6	38.92	4632.7	283235	241.583 ng/ml
Hydromorphone	1.532	1361710	∞	74.82	4678.3	157983	249.655 ng/ml

AM #28 Multi-Drug Quant. Results

Buylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.670	2950746	9994.0	116.53	17767.4	1140917	257.716 ng/ml
Ketamine	3.979	3114054	3249008.9	38.34	37028.7	469655	250.583 ng/ml
Lamotrigine	4.234	172355	23616.8	97.44	27246.3	298226	270.982 ng/ml
Lorazepam	5.713	135608	∞	46.07	47343.1	51281	285.404 ng/ml
MDA	3.116	2279354	143405.1	29.55	26070.4	266188	218.978 ng/ml
MDMA	3.223	2592634	686682.3	108.40	65545.0	123336	245.179 ng/ml
Meprobamate	4.844	801693	214513.2	31.96	1881.1	112378	221.244 ng/ml
Methadone	5.630	6757714	247225.9	48.63	61130.5	862599	252.681 ng/ml
Methamphetamine	3.148	6212349	∞	38.66	128718.7	1133664	239.966 ng/ml
Metoprolol	4.273	698148	222114.6	97.85	∞	266188	252.487 ng/ml
Mirtazapine	4.547	6376817	∞	49.64	157274.1	597444	248.551 ng/ml
Mitragynine	5.153	1043714	315934.1	33.69	587814.3	1140917	247.469 ng/ml
Morphine	1.176	263060	∞	17.93	∞	10761	254.670 ng/ml
Norbuprenorphine	4.942	29168	59185.5	101.19	36995.9	18612	24.335 ng/ml
Nordiazepam	5.861	712331	47871.4	60.19	20736.4	87216	246.400 ng/ml
Norfentanyl	4.035	58434	64798.2	271.43	11522.8	629286	24.899 ng/ml
Noroxycodone	2.829	872143	13494.0	48.22	∞	117037	252.903 ng/ml
O-desmethyl-tramadol	3.313	7957446	403401.2	6.28	76043.1	1414424	243.042 ng/ml
O-Desmethylvenlafaxine	4.023	1994962	20675.3	240.44	52391.4	244662	249.586 ng/ml
Olanzapine	4.302	1319602	24325.7	47.25	1274.1	109524	259.073 ng/ml
Oxazepam	5.720	260070	4006.7	72.89	2907.2	51281	254.134 ng/ml
Oxycodone	2.736	2633486	149917.9	29.56	33690.5	415292	257.299 ng/ml
Oxymorphone	1.334	1936062	∞	45.37	∞	251985	253.479 ng/ml
Promethazine	5.511	5626178	94122.4	37.85	104681.4	937028	251.427 ng/ml
Pseudoephedrine	2.497	8485936	∞	17.01	∞	1140917	249.740 ng/ml
Quetiapine	5.481	4823986	6262336.7	63.86	∞	283355	247.762 ng/ml
Sertraline	5.750	780460	1186888.4	102.81	22458.6	124024	233.621 ng/ml
Temazepam	5.797	1519939	44032.8	30.45	1794.9	286084	258.529 ng/ml
Tramadol	4.187	7289287	∞	3.27	∞	1296615	242.833 ng/ml
Trazodone	4.989	3268667	104040.2	80.14	40367.1	705062	217.535 ng/ml
Venlafaxine	4.992	5672213	426036.3	43.81	38987.8	1144775	244.644 ng/ml
Zolpidem	4.769	7792116	343192.3	28.41	76276.9	1392191	245.609 ng/ml

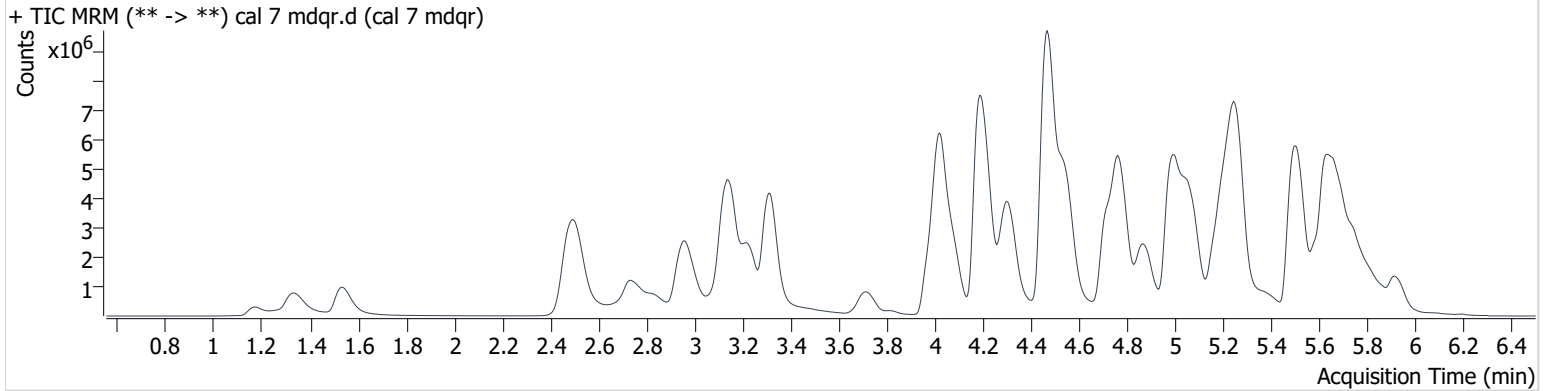
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	cal 7 mdqr.d
Type	Cal	Sample	cal 7 mdqr
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-G4	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 4:01:42 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	119603	∞	133.83	∞	60264	51.018 ng/ml
7-aminoclonazepam	4.175	495098	∞	106.96	21508.7	77144	356.377 ng/ml
a-hydroxyalprazolam	5.650	90038	641.5	60.39	∞	150051	424.181 ng/ml
alpha-PHP	4.874	2530116	11156.5	254.35	29753.2	525735	509.019 ng/ml
alpha-PVP	4.307	7562818	1497905.3	53.49	158977.7	525735	506.968 ng/ml
Alprazolam	5.734	2323342	∞	95.11	∞	100002	509.451 ng/ml
Amphetamine	2.969	2886291	181098.0	256.95	∞	295502	325.337 ng/ml
Benzoylcegonine	3.817	261249	1356856.5	42.88	12119.4	16540	511.511 ng/ml
Buprenorphine	5.633	133410	5428.2	13.79	4318.3	34627	53.341 ng/ml
Bupropion	4.715	7152873	814300.0	69.80	279593.7	502794	478.855 ng/ml
Carisoprodol	5.700	816114	∞	59.92	45568.9	58161	471.007 ng/ml
Chlorpheniramine	5.058	14103029	∞	0.32	1550.6	1114043	496.249 ng/ml
Citalopram	5.170	4287552	240502.4	42.18	504082.3	301632	496.880 ng/ml
Clonazepam	5.567	678925	9352.7	33.33	∞	23942	515.861 ng/ml
Clonazolam	5.529	972758	31924.2	37.63	5776.3	48969	543.473 ng/ml
Cocaine	4.215	4451034	191598.7	50.46	387738.2	685710	499.439 ng/ml
Codeine	2.493	425762	273962.7	94.32	43863.8	41476	426.774 ng/ml
Cyclobenzaprine	5.590	5143064	1437477.4	7.64	1897.1	302083	502.098 ng/ml
Dextromethorphan	5.213	2986579	831404.8	81.19	43287.6	246955	479.410 ng/ml
Dextrorphan	4.075	5551212	310779.6	44.88	537032.7	509508	496.066 ng/ml
Diazepam	5.922	2383613	∞	85.13	∞	167336	493.253 ng/ml
Dihydrocodeine	2.452	1617295	14961.1	64.08	16435.1	303397	376.184 ng/ml
Diphenhydramine	5.260	18602266	498879.7	30.49	∞	1114679	546.882 ng/ml
Doxylamine	4.466	21770907	∞	95.12	322174.5	1357809	482.229 ng/ml
Duloxetine	5.626	321191	897.6	11.42	445.8	18699	475.968 ng/ml
EDDP	5.208	7433747	368929.3	42.86	312711.5	657202	502.153 ng/ml
Etizolam	5.790	381204	∞	390.38	994064927 57555.3	167336	487.060 ng/ml
Fentanyl	5.020	466876	33867.9	134.46	2461963.8	397574	51.962 ng/ml
Flualprazolam	5.676	625288	3622.1	92.77	27326.4	48969	531.409 ng/ml
Fluorofentanyl	5.092	586595	78095.3	112.94	4179.3	4790	53.316 ng/ml
Fluoxetine	5.698	2834747	70651.4	7.03	443482.0	179971	500.384 ng/ml
Hydrocodone	2.941	2377093	∞	39.04	∞	264137	494.684 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.537	2518336	7887.9	73.95	4599.5	144307	505.563 ng/ml
Hydroxyzine	5.670	4438746	2147432.0	117.58	907813.5	887964	498.042 ng/ml
Ketamine	3.979	5153120	299115.6	37.50	37151.6	415631	469.211 ng/ml
Lamotrigine	4.233	201473	25012.8	93.47	68575.5	179971	524.569 ng/ml
Lorazepam	5.713	152618	∞	46.55	10396.1	24286	676.565 ng/ml
MDA	3.106	2777683	177315.1	29.14	86063.0	193361	367.798 ng/ml
MDMA	3.223	4336637	232230.5	105.40	1961171.3	102574	493.216 ng/ml
Meprobamate	4.834	1040687	71425.4	30.75	4256.3	84937	380.867 ng/ml
Methadone	5.630	11673436	1204281.6	48.45	153742.8	751041	501.573 ng/ml
Methamphetamine	3.143	10380013	∞	37.35	163858.8	1138740	402.270 ng/ml
Metoprolol	4.268	950935	2037650.3	96.31	∞	193361	473.387 ng/ml
Mirtazapine	4.543	11706671	256313.0	48.49	∞	550924	494.837 ng/ml
Mitragynine	5.153	1755264	104775.8	35.52	986226.7	887964	534.023 ng/ml
Morphine	1.171	466877	∞	19.17	∞	9582	508.086 ng/ml
Norbuprenorphine	4.937	51477	∞	95.20	59551.1	16391	48.974 ng/ml
Nordiazepam	5.866	808793	8472.9	60.98	71339.7	48969	498.440 ng/ml
Norfentanyl	4.035	75615	80680.1	264.77	8065.3	378160	53.586 ng/ml
Noroxycodone	2.834	1324010	∞	48.46	17787.3	86938	516.539 ng/ml
O-desmethyl-tramadol	3.313	14775413	332798.8	6.04	17042.9	1281712	498.315 ng/ml
O-Desmethylvenlafaxine	4.023	3119619	1510.8	244.21	43839.0	197222	484.300 ng/ml
Olanzapine	4.296	1845932	4087.5	47.54	3889.9	75599	524.558 ng/ml
Oxazepam	5.720	236103	∞	73.75	∞	24286	487.012 ng/ml
Oxycodone	2.726	4204674	∞	29.91	16097.1	383687	445.794 ng/ml
Oxymorphone	1.329	3411955	∞	45.31	∞	226208	497.757 ng/ml
Promethazine	5.511	9661323	294735.3	36.36	120598.3	778448	519.249 ng/ml
Pseudoephedrine	2.501	13497451	∞	16.60	∞	887964	510.062 ng/ml
Quetiapine	5.476	7680333	13770212.5	62.23	∞	241162	463.868 ng/ml
Sertraline	5.745	1002305	7341.9	101.25	161179.4	63588	584.787 ng/ml
Temazepam	5.797	1560616	13517.0	31.45	1761.9	150051	506.076 ng/ml
Tramadol	4.182	12487884	∞	3.23	∞	1187726	454.801 ng/ml
Trazodone	4.989	4493236	152654.4	79.65	159439.3	640992	329.239 ng/ml
Venlafaxine	4.986	10009867	91970.2	42.12	25855.4	956291	516.198 ng/ml
Zolpidem	4.770	14388804	∞	27.62	192072.2	1267585	498.441 ng/ml

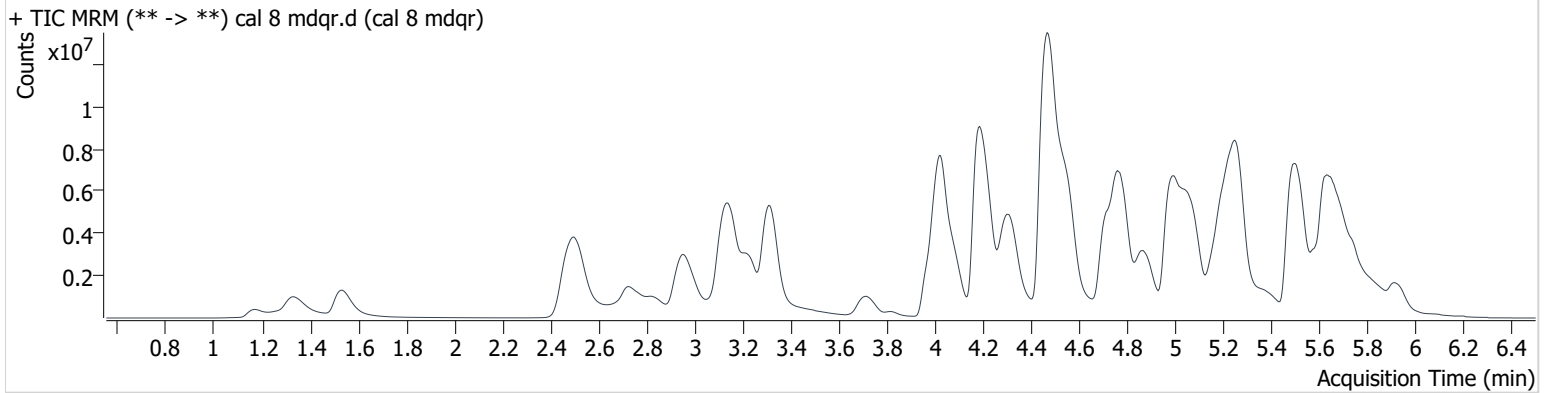
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2023\am 27-28\51123r\QuantResults\mdqp1.batch.bin
Calibration Last Update 5/12/2023 12:35:33 PM

Instrument	69679	Data File	cal 8 mdqr.d
Type	Cal	Sample	cal 8 mdqr
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-H4	Comment	
Injection Volume	3		
Acq. Date-Time	5/11/2023 4:19:09 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.072	182010	341305.7	135.25	395788.8	47675	98.175 ng/ml
7-aminoclonazepam	4.170	566363	48393.8	125.43	50798.7	65374	481.304 ng/ml
a-hydroxyalprazolam	5.666	66370	104.4	63.06	237.7	74392	631.057 ng/ml
alpha-PHP	4.874	3504077	21764.4	257.11	338817.0	331245	1118.249 ng/ml
alpha-PVP	4.310	9611756	1299556.8	53.64	763284.0	331245	1022.319 ng/ml
Alprazolam	5.734	2569288	∞	93.11	∞	64695	870.773 ng/ml
Amphetamine	2.964	3430054	2352257.3	248.53	328530.0	221840	516.413 ng/ml
Benzoylcegonine	3.817	476231	1950162.1	42.53	8102.3	15793	976.937 ng/ml
Buprenorphine	5.633	113137	6438.8	15.85	4711.8	15465	101.491 ng/ml
Bupropion	4.715	9885132	∞	68.48	229688.5	378395	879.963 ng/ml
Carisoprodol	5.700	710877	∞	59.88	7982.9	24544	972.497 ng/ml
Chlorpheniramine	5.058	21471002	∞	0.34	12720.6	848317	992.538 ng/ml
Citalopram	5.165	4626810	175376.0	42.40	5845202.5	164349	984.228 ng/ml
Clonazepam	5.562	606371	23387.4	31.79	36940.0	12196	904.497 ng/ml
Clonazolam	5.539	842261	∞	39.40	2221.1	27186	847.722 ng/ml
Cocaine	4.220	5721417	∞	50.46	323132.8	442672	994.483 ng/ml
Codeine	2.493	541393	∞	97.19	15791.6	30278	744.274 ng/ml
Cyclobenzaprine	5.585	6399313	191256.8	8.23	4927.8	181540	1039.726 ng/ml
Dextromethorphan	5.208	4001254	133489.3	72.84	152346.8	148845	1063.545 ng/ml
Dextrorphan	4.075	7664679	275576.6	44.60	837373.3	343970	1013.815 ng/ml
Diazepam	5.927	3275613	∞	86.13	∞	104714	1082.837 ng/ml
Dihydrocodeine	2.447	2295366	5147.5	63.95	3658.9	249768	649.060 ng/ml
Diphenhydramine	5.260	23214782	∞	30.09	385889.5	751272	1012.037 ng/ml
Doxylamine	4.466	34168522	1375959.2	93.90	164253.8	1141664	900.410 ng/ml
Duloxetine	5.631	328877	1597.6	11.83	331.4	8864	1028.344 ng/ml
EDDP	5.208	11541437	∞	42.01	231068.2	505821	1012.929 ng/ml
Etizolam	5.785	507581	∞	393.52	20098.1	104714	1036.274 ng/ml
Fentanyl	5.020	536834	47442.4	139.14	∞	235280	100.967 ng/ml
Flualprazolam	5.681	629461	4716.5	94.78	1432.6	27186	963.820 ng/ml
Fluorofentanyl	5.097	737029	14920.3	111.44	38816.0	2825	113.496 ng/ml
Fluoxetine	5.698	3546546	84428.4	6.80	244970.8	112426	1002.147 ng/ml
Hydrocodone	2.936	3658095	13971.0	39.17	∞	210327	956.525 ng/ml
Hydromorphone	1.532	3648339	∞	74.72	∞	105916	997.986 ng/ml

AM #28 Multi-Drug Quant. Results

Byylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.675	5585001	79039.6	107.41	1015431.6	560855	992.065 ng/ml
Ketamine	3.974	6756348	734729.8	37.03	63830.7	294798	867.979 ng/ml
Lamotrigine	4.239	183438	30206.7	96.04	641749.7	112426	764.399 ng/ml
Lorazepam	5.713	173683	∞	49.33	∞	12483	1496.429 ng/ml
MDA	3.096	2945523	393274.5	29.36	27504.0	123767	609.757 ng/ml
MDMA	3.223	5667137	872832.0	106.59	265488.1	66184	999.037 ng/ml
Meprobamate	4.829	1107246	34202.9	30.27	8309.2	52159	660.782 ng/ml
Methadone	5.630	15946036	302372.6	47.86	120875.7	537327	957.896 ng/ml
Methamphetamine	3.143	13147407	482347.2	37.38	∞	940590	619.353 ng/ml
Metoprolol	4.263	944921	348688.3	96.18	∞	123767	734.864 ng/ml
Mirtazapine	4.543	17626328	∞	48.22	691417.5	413712	992.181 ng/ml
Mitragynine	5.148	2441411	32753.4	35.57	44218.3	560855	1175.248 ng/ml
Morphine	1.171	674442	∞	18.86	∞	7697	914.097 ng/ml
Norbuprenorphine	4.937	65679	307989.6	100.31	126117.7	10705	95.870 ng/ml
Nordiazepam	5.866	891529	17943.0	59.47	24009.7	27186	989.843 ng/ml
Norfentanyl	4.035	81020	∞	269.79	50887.4	201183	107.897 ng/ml
Noroxycodone	2.829	1733246	∞	47.33	∞	51347	1144.523 ng/ml
O-desmethyl-tramadol	3.313	21186208	519003.7	5.99	316639.8	905926	1011.219 ng/ml
O-Desmethylvenlafaxine	4.023	3911309	57920.9	245.88	51482.9	122382	978.666 ng/ml
Olanzapine	4.296	4377593	61369.6	47.44	6214.3	98293	956.392 ng/ml
Oxazepam	5.715	253741	∞	73.58	86794.2	12483	1018.065 ng/ml
Oxycodone	2.721	5823236	18013.0	29.46	∞	291199	814.791 ng/ml
Oxymorphone	1.329	4902069	∞	45.03	∞	167104	968.222 ng/ml
Promethazine	5.516	13940194	∞	34.49	119713.5	535759	1088.129 ng/ml
Pseudoephedrine	2.501	17604631	∞	16.43	∞	560855	1052.946 ng/ml
Quetiapine	5.470	10582040	∞	61.57	329176.8	169620	909.114 ng/ml
Sertraline	5.745	1117890	220050.6	103.23	112567.7	43169	960.559 ng/ml
Temazepam	5.802	1539700	197704.2	30.94	11630.8	74392	1007.069 ng/ml
Tramadol	4.182	16303854	∞	3.22	∞	754466	935.537 ng/ml
Trazodone	4.994	5038012	548089.7	79.13	194736.8	461862	512.675 ng/ml
Venlafaxine	4.986	12893518	124190.4	39.36	119607.2	640439	992.305 ng/ml
Zolpidem	4.769	20577369	827440.1	27.64	224410.0	903359	1000.533 ng/ml