












11/4/2021

REVIEWED
By Sarah Collins at 2:05 pm, Nov 04, 2021

Worklist: 5350

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-2240		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2246		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2249	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2259		UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2277		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2279		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2286	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2301		UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2326		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2327		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2339		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 11/2/21 Analyst: Anne Nord
Plate lot#: 210610 (part IDP-121) Plate Expiration: 12/10/21

Mobile phase A: 5mM Amm Form + 0.01% FA 0.5M Ammonium Hydroxide
Mobile phase B: 0.01% Formic Acid in MeOH Ethyl Acetate 20% Methanol in Water

Blank Blood Lot: 21D52496 **Urine Blank lot:** 83121

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

LCMS-QQQ ID: 69679

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) Pipette ID: 1926134 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add 900uL ethyl acetate.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add 900uL ethyl acetate.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

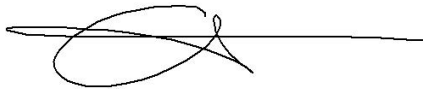
Post-Analytic

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

COMMENTS: *When cal 1 was injected, the system had not equilibrated and the retention times were shifted.*

Cal 1 was reinjected, that injection was used for evaluation. oxazepam ^{11/4/21} **A**
Curve limits: Amphetamine 5-250, buprenorphine 2.5-100, clonazepam 25-1000, dihydrocodeine 5-500, MDA 5-500, lorazepam 10-1000, meprobamate 5-500, methamphetamine 5-500, norbuprenorphine 2.5-100, norhydrocodone 10-1000, trazodone 5-250

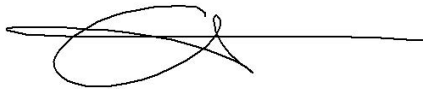
Qualitative only: Alpha-hydroxyalprazolam (surrogate internal standard), Trazodone, Oxazepam (points dropped from curve)



	1	2	3	4	5	6	7	8	9	10	11	12
A				2279-1	IS + Cal. 1	IS + QC_1			neg urine	2301-1		
B				2246-1	IS + Cal. 2	IS + QC_2				2259-1		
C				2339-1	IS + Cal. 3	IS + QC_3				2286-2		
D				2277-1	IS + Cal. 4	IS + QC4				2249-2		
E				2326-1	IS + Cal. 5	QC2 urine						
F				2327-1	IS + Cal. 6							
G			negative blood		IS + Cal. 7							
H			2240-1		IS + Cal. 8							

am 28 extraction 11/2/21

c2021-____-__



	1	2	3	4	5	6	7	8	9	10	11	12
A					negative blood	IS + Cal. 1	IS + QC_1					
B					2240-1	IS + Cal. 2	IS + QC_2					
C					2279-1	IS + Cal. 3	IS + QC_3					
D					2246-1	IS + Cal. 4	IS + QC4					
E					2339-1	IS + Cal. 5	QC2 urine	2301-1				
F					2277-1	IS + Cal. 6	neg urine	2259-1				
G					2326-1	IS + Cal. 7		2286-2				
H					2327-1	IS + Cal. 8		2249-2				

am 28 collection and injection plate

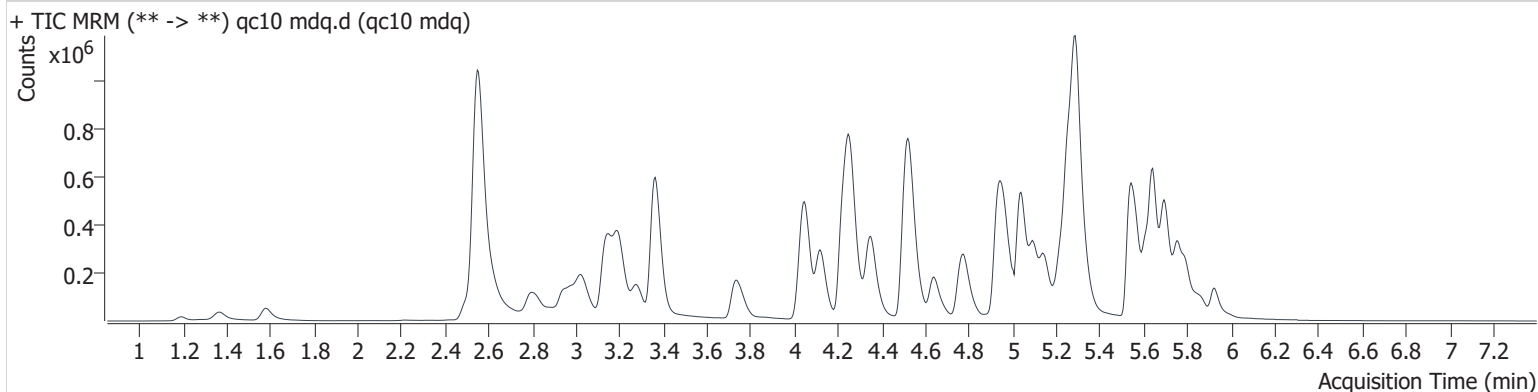
c2021-____-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 **Data File** qc10 mdq.d
Type QC **Sample** qc10 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A7 **Comment**
Injection Volume 3
Acq. Date-Time 11/2/2021 6:57:56 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	2731	∞	135.1	∞	70094	1.062 ng/ml
7-aminoclonazepam	4.272	32403	2607.2	70.9	2379.5	173351	10.736 ng/ml
a-hydroxyalprazolam	5.681	5091	∞	51.7	∞	278295	11.099 ng/ml
alpha-PHP	4.930	147303	∞	38.8	4712.7	403049	11.871 ng/ml
alpha-PVP	4.356	205533	67656.9	54.2	3905.4	773696	10.542 ng/ml
Alprazolam	5.755	89141	∞	92.4	∞	278295	10.562 ng/ml
Amphetamine	3.026	110373	2284.9	241.6	14674.5	403049	11.227 ng/ml
Benzoylcegonine	3.880	3231	346.7	61.4	93.5	8600	11.296 ng/ml
Buprenorphine	5.872	3585	1141.8	20.2 High	3461.8	123347	0.787 ng/ml ocr
Bupropion	4.785	192345	19467.2	67.1	2566.6	741990	10.779 ng/ml
Carisoprodol	5.711	55331	∞	60.8	649.6	196866	11.075 ng/ml
Citalopram	5.228	151605	2992.5	39.2	6473.7	586082	10.730 ng/ml
Clonazepam	5.604	6433	∞	38.9	11068.0	11156	10.315 ng/ml
Clonazepam	5.550	13084	899.1	36.6	791.2	278295	11.683 ng/ml
Cocaine	4.255	155533	9187.2	51.0	10536.3	1159954	10.690 ng/ml
Codeine	2.567	19329	1678.0	92.5	∞	80158	11.425 ng/ml
Cyclobenzaprine	5.616	183243	11763.7	8.9	17314.3	556172	10.560 ng/ml
Dextromethorphan	5.266	114546	2875.6	75.9	3947.7	515668	10.770 ng/ml
Dextrophan	4.123	141760	8151.1	44.4	9469.5	671126	10.760 ng/ml
Diazepam	5.928	56320	1685.6	87.1	2583.2	239044	11.071 ng/ml
Dihydrocodeine	2.536	55416	170.7	61.2	172.0	300223	11.114 ng/ml
Diphenhydramine	5.293	474648	150640.9	32.3	2697.5	2210406	10.230 ng/ml
Doxylamine	4.530	587038	17220.2	76.9	11156.1	2004901	10.869 ng/ml
EDDP	5.256	253084	16391.4	42.4	3662.1	1119168	11.054 ng/ml
Etizolam	5.790	51087	4042.6	23.2	3096.3	278295	10.389 ng/ml
Fentanyl	5.108	15934	∞	122.4	40063.0	755010	1.046 ng/ml
Flualprazolam	5.686	33038	319.8	90.2	606.1	278295	11.632 ng/ml
Fluoxetine	5.698	190267	10803.5	7.6	92421.7	620863	10.611 ng/ml
Hydrocodone	3.013	60137	∞	35.2	∞	299427	11.130 ng/ml
Hydromorphone	1.587	41435	∞	79.5	1097.0	125878	11.154 ng/ml
Ketamine	4.047	134638	∞	37.2	1623.7	618246	10.792 ng/ml
Lamotrigine	4.288	11067	10067.6	91.0	91612.2	262611	9.748 ng/ml
Levetiracetam	2.620	45906	∞	223.2	9586.2	547714	10.954 ng/ml

AM #28 Multi-Drug Quant. Results

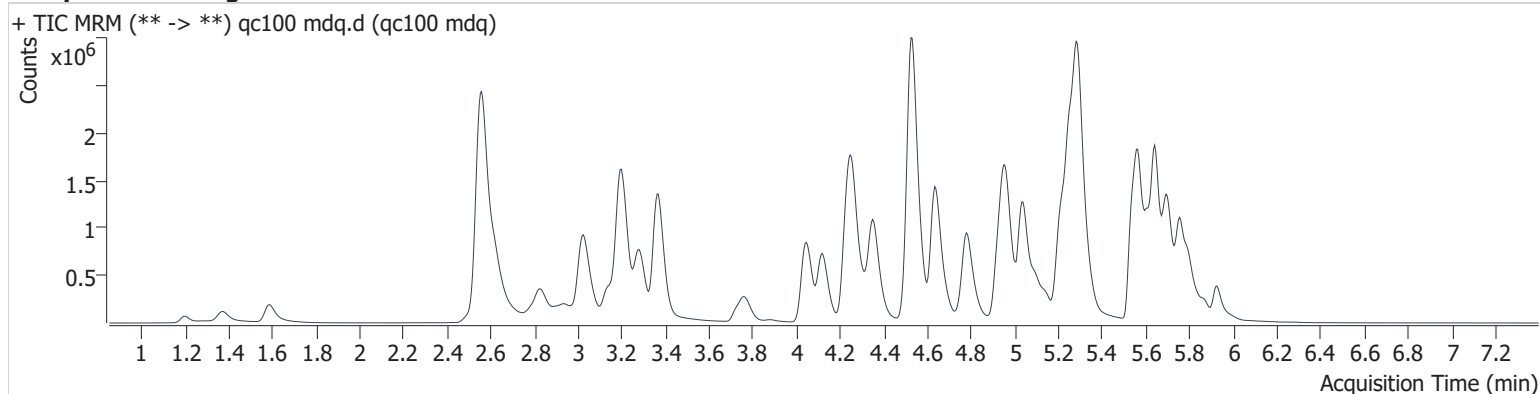
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Lorazepam	5.734	6206	∞	42.0	141.7	25812	11.410	ng/ml
MDA	3.189	129879	1518.6	27.2	841.7	363900	11.306	ng/ml
MDMA	3.281	142316	34125.5	94.2	10073.6	133634	10.824	ng/ml
Meprobamate	4.910	13444	140683.5	32.6	807.9	36504	12.274	ng/ml
Methadone	5.646	268155	12481.3	56.3	3664.7	1111669	10.258	ng/ml
Methamphetamine	3.206	425398	1345.4	39.5	904.0	1086139	9.539	ng/ml
Metoprolol	4.319	41221	15942.0	97.6	2397142984 93243.0	363900	11.152	ng/ml
Mirtazapine	4.639	381673	11806.5	47.3	∞	1111669	10.146	ng/ml
Mitragynine	5.248	53075	4077.5	31.9	20070.1	3231489	9.699	ng/ml
Morphine	1.196	9596	2694.0	16.1	1174.9	10758	10.893	ng/ml
Norbuprenorphine	5.004	388	181.8	127.1 High	2008.5	15974	1.260	ng/ml ocr
Nordiazepam	5.877	19683	428805.5	62.1	∞	59910	10.566	ng/ml
Norfentanyl	4.078	9948	772.9	39.9	∞	1028890	1.103	ng/ml
Norhydrocodone	3.060	4619	∞	27.3	∞	90901	10.272	ng/ml
Noroxycodone	2.910	32813	∞	51.7	∞	105472	10.112	ng/ml
O-desmethyl-tramadol	3.368	343391	15939.9	6.4	2935.0	1591146	10.509	ng/ml
Oxazepam	5.741	7096	308.4	110.8 High	75.3	25812	12.473	ng/ml ocr
Oxycodone	2.822	111007	∞	29.4	∞	412537	10.709	ng/ml
Oxymorphone	1.369	37686	8415.7	43.9	10036.2	122649	10.508	ng/ml
Phentermine	3.770	52894	394.2	10.0	788.5	547714	11.612	ng/ml
Promethazine	5.543	230840	24785.3	42.4	7654.3	1059264	10.120	ng/ml
Pseudoephedrine	2.559	729619	15535.5	24.6	∞	3231489	10.537	ng/ml
Quetiapine	5.566	282743	8051.9	64.2	6835.8	376659	10.370	ng/ml
Sertraline	5.761	71377	4385.4	100.4	3036.1	248461	10.387	ng/ml
Temazepam	5.798	63002	1210.4	26.9	165.5	262611	11.342	ng/ml
Tramadol	4.237	329552	8542.7	3.6	479.6	1463196	10.957	ng/ml
Trazodone	5.206	191759	7532.8	82.1	5114.2	699744	10.830	ng/ml
Venlafaxine	5.038	246421	11994.3	38.7	1454.3	1458159	11.068	ng/ml
Zolpidem	4.959	363844	11280.6	28.2	12810.7	1553966	10.723	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B7	Comment	
Injection Volume	3		
Acq. Date-Time	11/2/2021 10:51:50 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	25148	4937.6	128.9	3084.0	62916	11.180 ng/ml
7-aminoclonazepam	4.267	237228	14121.1	74.5	∞	132419	110.848 ng/ml
a-hydroxyalprazolam	5.676	39120	1218.5	54.4	∞	224921	113.444 ng/ml
alpha-PHP	4.925	1215452	85080.2	40.2	40482.0	356669	120.275 ng/ml
alpha-PVP	4.356	1752591	5280796.1	53.9	32192.3	666267	110.136 ng/ml
Alprazolam	5.755	705690	∞	91.7	∞	224921	110.903 ng/ml
Amphetamine	3.026	800920	15167.1	249.5	30836.7	356669	109.045 ng/ml
Benzoylcegonine	3.880	28011	396176.6	58.4	1016.6	8764	109.611 ng/ml
Buprenorphine	5.872	28642	∞	16.3	12293.2	102991	11.130 ng/ml
Bupropion	4.785	1657933	∞	69.2	37308.5	665435	110.623 ng/ml
Carisoprodol	5.711	383726	2528224.2	58.7	3248.9	143901	110.363 ng/ml
Citalopram	5.223	1169827	15650.6	39.7	25273.1	465459	109.711 ng/ml
Clonazepam	5.604	49915	3693.1	36.0	∞	9432	108.658 ng/ml
Clonazepam	5.545	108415	980.5	37.9	679.9	224921	133.198 ng/ml
Cocaine	4.255	1282258	2426936.1	50.7	90377.6	981755	111.552 ng/ml
Codeine	2.572	142774	17443.0	94.6	31387.7	65317	116.967 ng/ml
Cyclobenzaprine	5.616	1502607	123606.9	8.6	127415.5	467078	109.680 ng/ml
Dextromethorphan	5.261	909687	12230679.3	74.2	∞	412300	110.935 ng/ml
Dextrophan	4.118	1205850	2401863.5	45.2	329913.5	575709	114.333 ng/ml
Diazepam	5.928	452521	4137.0	88.8	∞	196906	115.828 ng/ml
Dihydrocodeine	2.531	439932	7156.2	61.1	10608.2	267227	115.316 ng/ml
Diphenhydramine	5.298	3958300	55606.6	30.9	36547.9	1839055	107.977 ng/ml
Doxylamine	4.530	5343242	279969.2	77.6	∞	1882137	112.733 ng/ml
EDDP	5.256	2012727	3360895.5	42.4	2036724.9	908771	114.163 ng/ml
Etizolam	5.790	410476	∞	23.6	3866.8	224921	104.722 ng/ml
Fentanyl	5.108	140881	15809.4	123.3	427321.4	698000	10.800 ng/ml
Flualprazolam	5.686	262375	1048.6	94.1	1939.0	224921	119.537 ng/ml
Fluoxetine	5.698	1380535	943928.9	7.7	351888.9	470319	109.087 ng/ml
Hydrocodone	3.013	536399	∞	37.8	∞	270847	117.039 ng/ml
Hydromorphone	1.587	364659	∞	78.4	∞	111375	111.517 ng/ml
Ketamine	4.047	1151091	133094.9	38.0	10533.1	544507	114.198 ng/ml
Lamotrigine	4.293	92698	8165.0	87.2	27943.6	200662	123.694 ng/ml
Levetiracetam	2.625	398725	46349.7	221.7	309226.4	490807	113.783 ng/ml

AM #28 Multi-Drug Quant. Results

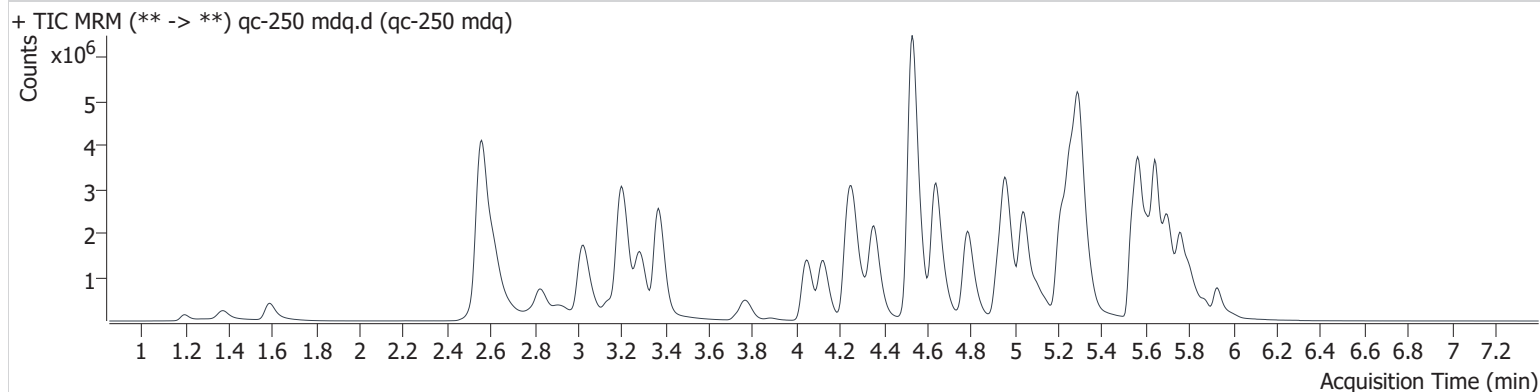
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.734	39544	12326.0	48.9	350.8	21542	104.081 ng/ml
MDA	3.189	917862	53254.3	26.8	3828.9	284131	114.656 ng/ml
MDMA	3.281	1185728	∞	93.2	101204.3	116495	110.037 ng/ml
Meprobamate	4.910	113350	517378.7	31.0	∞	35904	119.114 ng/ml
Methadone	5.646	2336880	255999.4	53.1	252689.4	949868	109.457 ng/ml
Methamphetamine	3.206	2555577	10218.1	38.9	46984.1	988667	119.581 ng/ml
Metoprolol	4.319	320695	∞	96.1	∞	284131	115.110 ng/ml
Mirtazapine	4.634	3355352	4054269.8	47.0	205337.2	949868	110.182 ng/ml
Mitragynine	5.242	389204	79916.3	33.1	133123.0	2601268	98.271 ng/ml
Morphine	1.201	79781	3384.6	16.7	1749.3	9528	118.390 ng/ml
Norbuprenorphine	4.999	3045	5663.4	77.0	236.0	13302	11.782 ng/ml
Nordiazepam	5.877	148545	∞	62.9	∞	46060	111.847 ng/ml
Norfentanyl	4.073	84514	2283.2	38.8	5601.4	895393	10.336 ng/ml
Norhydrocodone	3.065	49539	∞	27.9	∞	80890	110.819 ng/ml
Noroxycodone	2.910	300051	∞	46.2	∞	92640	112.504 ng/ml
O-desmethyl-tramadol	3.368	2964904	766827.0	6.3	14054.1	1398040	109.729 ng/ml
Oxazepam	5.735	52891	7012.5	75.2	∞	21542	106.750 ng/ml
Oxycodone	2.827	1012936	∞	29.3	∞	385136	113.656 ng/ml
Oxymorphone	1.374	328947	∞	44.5	40047.6	107287	114.188 ng/ml
Phentermine	3.770	417465	2859.2	9.3	2444.6	490807	117.362 ng/ml
Promethazine	5.538	1956941	210346.8	39.2	10492503.8	886110	108.722 ng/ml
Pseudoephedrine	2.559	5833572	∞	24.6	40076.6	2601268	110.260 ng/ml
Quetiapine	5.566	2315712	426545.8	63.2	∞	313855	108.103 ng/ml
Sertraline	5.761	551650	1444389.3	98.7	302012.1	188703	114.628 ng/ml
Temazepam	5.798	458715	8425.6	28.1	4480.5	200662	106.384 ng/ml
Tramadol	4.237	2719027	180849.8	3.5	2152.8	1269049	116.113 ng/ml
Trazodone	5.201	1573847	106754.0	80.7	3342729.5	638594	111.646 ng/ml
Venlafaxine	5.038	2153865	102158.3	38.6	10918.6	1252765	102.306 ng/ml
Zolpidem	4.959	3095177	200712.6	28.8	63735.0	1342110	112.472 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 Data File qc-250 mdq.d
Type QC Sample qc-250 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-C7 Comment
Injection Volume 3
Acq. Date-Time 11/2/2021 7:06:59 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	55642	∞	135.3	∞	59458	26.217 ng/ml
7-aminoclonazepam	4.272	414133	∞	74.9	31727.9	94487	272.535 ng/ml
a-hydroxyalprazolam	5.676	72629	1040.4	54.4	∞	185265	256.863 ng/ml
alpha-PHP	4.930	2689426	315283.5	40.5	109795.2	340674	280.143 ng/ml
alpha-PVP	4.356	4117599	337831.4	53.5	122520.8	627288	275.803 ng/ml
Alprazolam	5.755	1456039	∞	91.6	∞	185265	279.077 ng/ml
Amphetamine	3.026	1604529	∞	240.3	929983.7	340674	231.301 ng/ml
Benzoylcegonine	3.885	70881	62390.0	55.3	2598.6	8756	280.371 ng/ml
Buprenorphine	5.872	70996	23750.5	16.3	22032.3	101081	28.753 ng/ml
Bupropion	4.785	4103775	302840.1	68.0	55476.4	660263	277.181 ng/ml
Carisoprodol	5.716	736046	∞	59.0	8806.3	111741	273.535 ng/ml
Citalopram	5.228	2320954	33284.8	40.8	∞	380942	266.854 ng/ml
Clonazepam	5.604	106194	3598.7	35.2	∞	7968	276.241 ng/ml
Clonazepam	5.545	204401	∞	39.9	691.4	185265	306.745 ng/ml
Cocaine	4.260	2793437	100823.0	49.9	557297.5	885595	270.608 ng/ml
Codeine	2.567	283147	66680.4	96.4	∞	57381	266.139 ng/ml
Cyclobenzaprine	5.616	3189480	128143.4	8.7	∞	414279	263.525 ng/ml
Dextromethorphan	5.266	1874667	209744.2	75.0	117298.0	345123	273.759 ng/ml
Dextrophan	4.123	2790880	447192.7	44.2	537611.9	551221	277.589 ng/ml
Diazepam	5.928	1069613	5941.2	87.2	6602.0	193189	280.310 ng/ml
Dihydrocodeine	2.526	965722	11139.0	60.6	1055.7	263779	258.948 ng/ml
Diphenhydramine	5.298	8627746	∞	30.7	136853.4	1576089	275.553 ng/ml
Doxylamine	4.530	12640330	∞	79.0	162832.8	1786557	282.219 ng/ml
EDDP	5.261	4538412	44393886.2	42.2	101538.3	843318	278.360 ng/ml
Etizolam	5.795	892630	∞	23.0	3422.4	185265	276.740 ng/ml
Fentanyl	5.114	363756	47841.5	125.5	354370.6	708769	27.607 ng/ml
Flualprazolam	5.686	519870	4728.8	94.2	523.7	185265	288.384 ng/ml
Fluoxetine	5.698	2762801	191158.8	7.6	1069555.0	378063	272.880 ng/ml
Hydrocodone	3.013	1207896	∞	38.9	∞	261111	274.482 ng/ml
Hydromorphone	1.587	911582	∞	74.5	∞	112951	274.977 ng/ml
Ketamine	4.047	2691195	11574324.0	37.4	120591.4	530354	275.633 ng/ml
Lamotrigine	4.293	176397	136580.6	88.6	153898.7	167739	283.733 ng/ml
Levetiracetam	2.620	913624	67449.6	223.5	542255.1	470208	273.357 ng/ml

AM #28 Multi-Drug Quant. Results

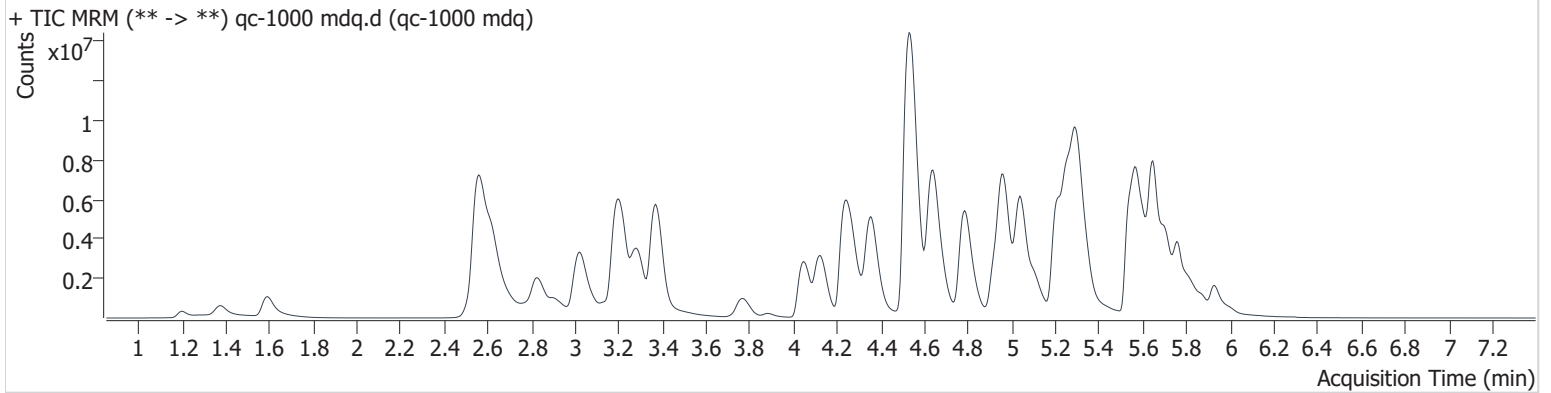
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.734	86175	∞	48.7	1743.0	18440	268.919 ng/ml
MDA	3.184	1699136	50070.2	26.9	5977.1	225054	270.013 ng/ml
MDMA	3.287	2647919	291039.3	92.3	172772.7	109126	263.390 ng/ml
Meprobamate	4.910	242545	522112.4	28.0	7887.0	33688	273.999 ng/ml
Methadone	5.646	5569791	1237278.9	52.0	36542.4	895557	277.508 ng/ml
Methamphetamine	3.206	5483935	137091.0	38.6	101471.6	994629	266.523 ng/ml
Metoprolol	4.319	637469	2747665.5	97.8	∞	225054	289.549 ng/ml
Mirtazapine	4.639	7676696	175840.2	46.6	1047611.4	895557	268.262 ng/ml
Mitragynine	5.248	944007	291698.1	33.0	654907.7	2236236	279.490 ng/ml
Morphine	1.201	175626	4574.8	16.4	550.1	8766	285.974 ng/ml
Norbuprenorphine	5.004	6321	4267.2	98.2	6931.0	11561	28.122 ng/ml
Nordiazepam	5.877	332652	∞	61.6	∞	41581	278.817 ng/ml
Norfentanyl	4.078	187433	179141.5	39.3	10034.6	784676	26.083 ng/ml
Norhydrocodone	3.065	116400	∞	29.0	∞	75575	276.918 ng/ml
Noroxycodone	2.910	673050	∞	44.8	∞	88089	266.440 ng/ml
O-desmethyl-tramadol	3.368	7068034	821142.2	6.1	45302.6	1332287	275.591 ng/ml
Oxazepam	5.741	110778	5289.0	73.0	840.8	18440	260.339 ng/ml
Oxycodone	2.827	2370884	∞	28.9	∞	376744	273.375 ng/ml
Oxymorphone	1.374	770866	33728.5	43.8	390568.8	102733	280.958 ng/ml
Phentermine	3.770	932238	13898.8	8.3	57293.9	470208	276.133 ng/ml
Promethazine	5.538	4711529	81721.8	38.9	69458.5	855487	272.137 ng/ml
Pseudoephedrine	2.559	12335165	∞	24.3	∞	2236236	272.119 ng/ml
Quetiapine	5.566	4949832	695664.8	63.7	195409.8	271468	268.178 ng/ml
Sertraline	5.761	1126440	565395.1	97.9	30080.8	161987	274.010 ng/ml
Temazepam	5.803	919846	∞	28.6	7864.8	167739	254.921 ng/ml
Tramadol	4.237	6165226	498910.4	3.5	3326.3	1243027	270.624 ng/ml
Trazodone	5.206	3445358	∞	80.9	99384.1	652350	241.292 ng/ml
Venlafaxine	5.044	5218614	267838.0	37.8	101364.6	1186643	259.942 ng/ml
Zolpidem	4.963	7134847	808171.7	28.6	149554.6	1261748	276.901 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 **Data File** qc-1000 mdq.d
Type QC **Sample** qc-1000 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-D7 **Comment**
Injection Volume 3
Acq. Date-Time 11/2/2021 7:16:01 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	166470	1099410.9	132.1	∞	44608	104.640 ng/ml
7-aminoclonazepam	4.272	515925	205055.0	79.5	20072.8	28965	1110.382 ng/ml
a-hydroxyalprazolam	5.676	128278	252.0	55.1	1341.8	97903	860.676 ng/ml
alpha-PHP	4.925	6576521	3848107.2	39.4	282300.5	259769	900.938 ng/ml
alpha-PVP	4.356	12015956	302322.6	52.1	236705.9	442805	1142.189 ng/ml
Alprazolam	5.755	3038076	2622.8	93.6	1505.9	97903	1104.416 ng/ml
Amphetamine	3.026	3212561	97860.2	234.8	70362.3	259769	611.176 ng/ml ocr
Benzoylcegonine	3.885	291070	21677.3	53.4	5864.4	9055	1118.678 ng/ml
Buprenorphine	5.872	203985	317281.5	16.1	56458.4	77783	108.508 ng/ml
Bupropion	4.785	12841712	6064750.1	65.5	80681.7	521353	1100.887 ng/ml
Carisoprodol	5.716	1220141	11478247.4	56.7	45657.4	42674	1189.410 ng/ml
Citalopram	5.223	4201888	∞	42.3	∞	175023	1053.354 ng/ml
Clonazepam	5.599	213392	3258.2	34.1	93012.3	4788	927.807 ng/ml
Clonazepam	5.545	366294	4664.0	38.7	∞	97903	1043.690 ng/ml
Cocaine	4.260	6579903	302580.1	47.4	614062.5	502719	1125.545 ng/ml
Codeine	2.572	623929	25495.5	95.6	∞	35617	949.033 ng/ml
Cyclobenzaprine	5.611	6797559	290907.5	8.3	∞	217261	1073.238 ng/ml
Dextromethorphan	5.272	3664430	∞	75.6	46582.9	164210	1126.045 ng/ml
Dextrophan	4.123	7990059	4293075.1	43.4	881027.8	377287	1163.817 ng/ml
Diazepam	5.928	2878447	∞	87.2	∞	127620	1144.671 ng/ml
Dihydrocodeine	2.521	2454047	6542.4	61.5	14434.2	219954	793.320 ng/ml ocr
Diphenhydramine	5.303	20094637	875312.9	30.0	127879.2	858615	1180.041 ng/ml
Doxylamine	4.530	33981333	448387.1	86.7	1405049.9	1363261	996.408 ng/ml
EDDP	5.261	13990018	1567654.5	41.5	242892.8	625121	1159.693 ng/ml
Etizolam	5.795	2198037	9819.8	22.8	13785.7	97903	1290.133 ng/ml
Fentanyl	5.114	1325700	2374432.2	127.0	6115898.8	621532	115.030 ng/ml
Flualprazolam	5.692	1003068	∞	96.2	∞	97903	1054.520 ng/ml
Fluoxetine	5.698	4841782	288107.5	7.6	1845135.6	153909	1177.575 ng/ml
Hydrocodone	3.013	3650127	∞	37.5	9412539642	215784	1005.872 ng/ml
Hydromorphone	1.592	2913381	∞	74.8	∞	90530	1096.664 ng/ml
Ketamine	4.047	7424968	304953.7	36.9	29130.6	394985	1024.026 ng/ml
Lamotrigine	4.293	285114	57479.5	89.2	20766.6	77874	992.019 ng/ml

AM #28 Multi-Drug Quant. Results

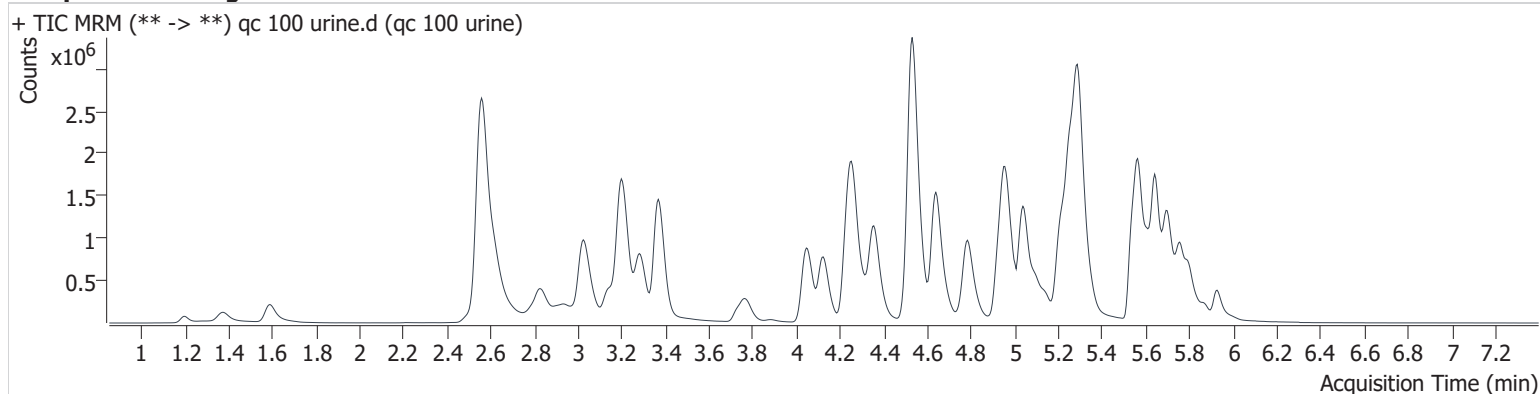
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	2693339	175013.1	223.6	160035.5	380464	998.247 ng/ml
Lorazepam	5.734	203521	6419.1	52.2	16401.0	11701	1007.850 ng/ml
MDA	3.173	2664785	∞	27.3	8016.6	125235	763.775 ng/ml ocr
MDMA	3.287	6513498	660086.6	90.4	333132.3	66419	1066.828 ng/ml
Meprobamate	4.899	526415	∞	28.5	23088.5	28240	712.313 ng/ml ocr
Methadone	5.646	16114421	292716.4	48.4	70391.4	615239	1170.381 ng/ml
Methamphetamine	3.205	13228690	184496.7	37.8	517084.2	899292	727.949 ng/ml ocr
Metoprolol	4.319	1197575	∞	97.6	∞	125235	978.583 ng/ml
Mirtazapine	4.639	20457322	526739.1	46.0	209179.9	615239	1042.394 ng/ml
Mitragynine	5.237	2099128	80215.6	36.0	∞	1219746	1143.168 ng/ml
Morphine	1.201	488875	3327.6	15.6	8437.3	6681	1049.561 ng/ml
Norbuprenorphine	5.004	14098	14147.3	104.3	852.8	6141	118.054 ng/ml
Nordiazepam	5.877	752849	∞	62.1	∞	23576	1115.680 ng/ml
Norfentanyl	4.078	452177	36674.2	39.8	619628.8	433474	113.739 ng/ml
Norhydrocodone	3.070	312053	∞	33.7	∞	45321	1233.874 ng/ml
Noroxycodone	2.905	1862198	∞	45.1	∞	61416	1059.638 ng/ml
O-desmethyl-tramadol	3.368	20626348	∞	5.9	58103.7	966411	1110.939 ng/ml
Oxazepam	5.735	286783	1517334.2	71.5	17035.8	11701	1060.332 ng/ml
Oxycodone	2.822	7770162	∞	28.7	∞	324638	1042.612 ng/ml
Oxymorphone	1.374	2355072	∞	43.8	89428.8	85046	1039.659 ng/ml
Phentermine	3.770	2490600	7026.4	7.3	77863.0	380464	916.188 ng/ml
Promethazine	5.538	13321492	∞	35.7	∞	577836	1141.318 ng/ml
Pseudoephedrine	2.565	29109201	∞	23.7	∞	1219746	1179.400 ng/ml
Quetiapine	5.571	10174711	4021009.5	62.1	92153463.3	131594	1139.465 ng/ml
Sertraline	5.766	2123686	1475552.5	97.5	214141.8	72591	1155.895 ng/ml
Temazepam	5.808	1936300	58682.2	28.7	5374.5	77874	1155.159 ng/ml
Tramadol	4.231	15595267	8829858.9	3.3	71684.7	838720	1018.389 ng/ml
Trazodone	5.201	8085031	351258.6	79.8	281813.4	607094	611.147 ng/ml ocr
Venlafaxine	5.043	16057248	661665.6	35.7	84426.8	833509	1134.887 ng/ml
Zolpidem	4.959	20041991	820435.3	28.1	327066.3	886911	1108.875 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument	69679	Data File	qc 100 urine.d
Type	Sample	Sample	qc 100 urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E7	Comment	
Injection Volume	3		
Acq. Date-Time	11/2/2021 7:33:59 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	26264	∞	133.8	∞	67960	10.809 ng/ml
7-aminoclonazepam	4.272	246777	12221.7	77.7	6831.7	137981	110.660 ng/ml
a-hydroxyalprazolam	5.676	41437	443.0	51.0	1040.3	223942	120.746 ng/ml
alpha-PHP	4.930	1138738	21105.0	40.7	93143.7	376493	106.621 ng/ml
alpha-PVP	4.362	1843749	1052674.6	54.2	39672.1	704395	109.590 ng/ml
Alprazolam	5.755	695150	∞	92.3	∞	223942	109.715 ng/ml
Amphetamine	3.026	838200	14839.4	246.2	∞	376493	108.092 ng/ml
Benzoylcegonine	3.885	35573	∞	52.9	∞	10391	117.537 ng/ml
Buprenorphine	5.867	24034	∞	15.8	8737.5	78138	12.355 ng/ml
Bupropion	4.785	1714168	55172.3	69.1	64553.8	676130	112.580 ng/ml
Carisoprodol	5.711	421779	1442025.5	57.9	3361.8	160722	108.602 ng/ml
Citalopram	5.228	1210791	37051.1	39.5	136986.0	482745	109.485 ng/ml
Clonazepam	5.604	49247	10117.9	33.9	89381.7	8098	125.129 ng/ml
Clonazepam	5.545	59949	1807.0	39.2	1149.2	223942	73.329 ng/ml
Cocaine	4.260	1370128	191726.5	50.6	76906.1	1052212	111.212 ng/ml
Codeine	2.572	158881	21103.5	96.2	14534.3	74637	113.866 ng/ml
Cyclobenzaprine	5.616	1218632	35747.4	8.6	1943.9	382479	108.619 ng/ml
Dextromethorphan	5.266	927124	28671.0	74.7	47962.9	419796	111.043 ng/ml
Dextrophan	4.123	1310577	77990.2	44.3	28148.7	627342	114.034 ng/ml
Diazepam	5.928	459801	5921.1	87.4	20945.1	198523	116.740 ng/ml
Dihydrocodeine	2.531	491618	3226.2	61.6	1038.3	303759	113.332 ng/ml
Diphenhydramine	5.293	4102836	139248.8	31.1	80241.7	1878132	109.600 ng/ml
Doxylamine	4.530	5957912	171290.4	79.8	98910.9	2063662	114.659 ng/ml
EDDP	5.256	1987872	26742.2	43.4	63338.0	924125	110.860 ng/ml
Etizolam	5.790	405273	6863.1	23.0	∞	223942	103.845 ng/ml
Fentanyl	5.114	149807	6707.2	125.0	97703.0	743277	10.785 ng/ml
Flualprazolam	5.686	252622	∞	92.3	6682.9	223942	115.577 ng/ml
Fluoxetine	5.698	1336457	∞	7.5	132451.5	461102	107.705 ng/ml
Hydrocodone	3.018	581002	∞	37.4	∞	294656	116.524 ng/ml
Hydromorphone	1.592	417582	∞	73.5	∞	128365	110.800 ng/ml
Ketamine	4.047	1231465	36841.1	37.9	8315.1	581093	114.483 ng/ml
Lamotrigine	4.293	88468	3309.0	87.1	64746.7	228809	103.251 ng/ml
Levetiracetam	2.625	416407	8332.2	220.5	30718.8	515533	113.125 ng/ml

AM #28 Multi-Drug Quant. Results

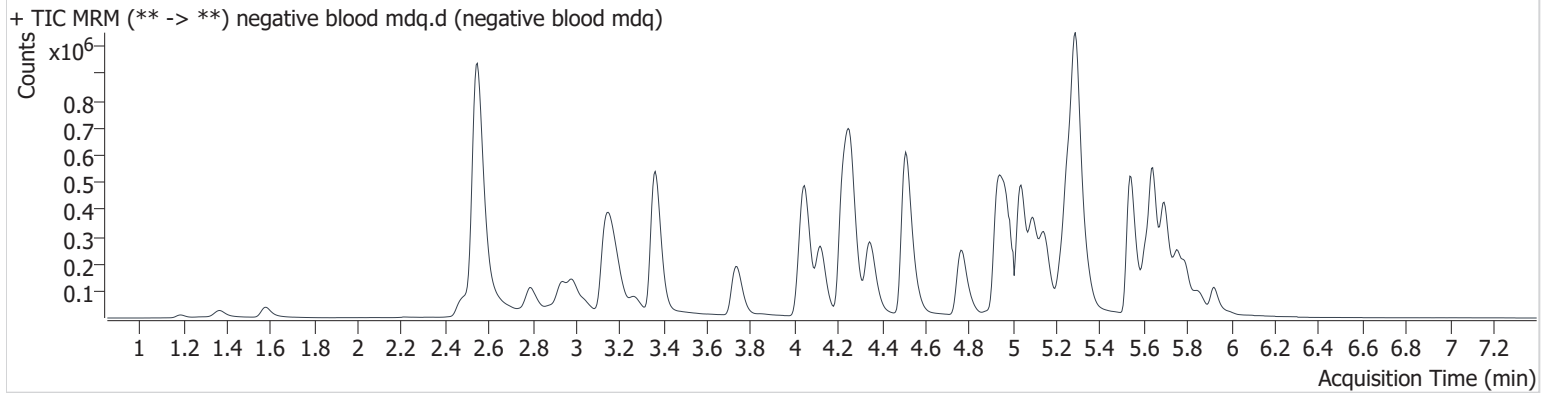
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.734	46747	∞	49.2	261.2	23766	111.708 ng/ml
	3.189	923496	52477.2	27.8	5704.3	288375	113.649 ng/ml
MDMA	3.287	1260462	67851.8	91.1	23890.2	120887	112.741 ng/ml
Meprobamate	4.910	121347	∞	29.8	2760.2	38640	118.478 ng/ml
Methadone	5.646	2200609	186211.0	53.1	67667.2	920265	106.376 ng/ml
Methamphetamine	3.206	2715582	34622.7	38.8	16085.1	1059015	118.546 ng/ml
Metoprolol	4.319	332944	28731.7	97.6	∞	288375	117.758 ng/ml
Mirtazapine	4.639	3587085	76095.4	48.0	83340.4	920265	121.645 ng/ml
Mitragynine	5.242	515184	∞	33.7	4052.7	2854480	118.794 ng/ml
Morphine	1.201	86089	11226.9	17.2	4917.4	10148	119.970 ng/ml
Norbuprenorphine	5.004	2792	2025.5	98.1	7351.8	14954	9.610 ng/ml
Nordiazepam	5.877	129371	∞	62.8	∞	41454	108.203 ng/ml
Norfentanyl	4.078	90065	∞	39.0	7370.9	913478	10.795 ng/ml
Norhydrocodone	3.065	48813	∞	28.1	∞	88273	100.175 ng/ml
Noroxycodone	2.910	349994	∞	46.1	∞	109170	111.352 ng/ml
O-desmethyl-tramadol	3.368	3187279	225854.9	6.1	11710.1	1504455	109.615 ng/ml
Oxazepam	5.735	59672	490.7	73.6	375.7	23766	109.151 ng/ml
Oxycodone	2.827	1155614	∞	29.2	∞	447603	111.550 ng/ml
Oxymorphone	1.374	347196	48928.0	44.2	44916.2	107271	120.598 ng/ml
Phentermine	3.770	440850	4554.9	8.8	3482.6	515533	118.002 ng/ml
Promethazine	5.538	1891849	56889.8	39.6	41578.3	858646	108.466 ng/ml
Pseudoephedrine	2.565	6377738	2239669.7	24.6	28466.3	2854480	109.850 ng/ml
Quetiapine	5.566	2548762	149452.1	63.2	164183.8	336925	110.853 ng/ml
Sertraline	5.766	311838	29198.4	99.1	11134.9	116872	104.538 ng/ml
Temazepam	5.803	515057	99270.2	29.9	1383.9	228809	104.759 ng/ml
Tramadol	4.242	2955175	63559.9	3.6	912.8	1392318	115.011 ng/ml
Trazodone	5.201	1655866	∞	81.2	∞	669855	111.988 ng/ml
Venlafaxine	5.043	2348654	84566.6	38.1	17149.6	1331464	104.936 ng/ml
Zolpidem	4.953	3421126	91386.5	28.9	91210.8	1524920	109.392 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument	69679	Data File	negative blood mdq.d
Type	Sample	Sample	negative blood mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A5	Comment	
Injection Volume	3		
Acq. Date-Time	11/2/2021 7:43:03 PM		
Sample Info.			

Sample Chromatogram

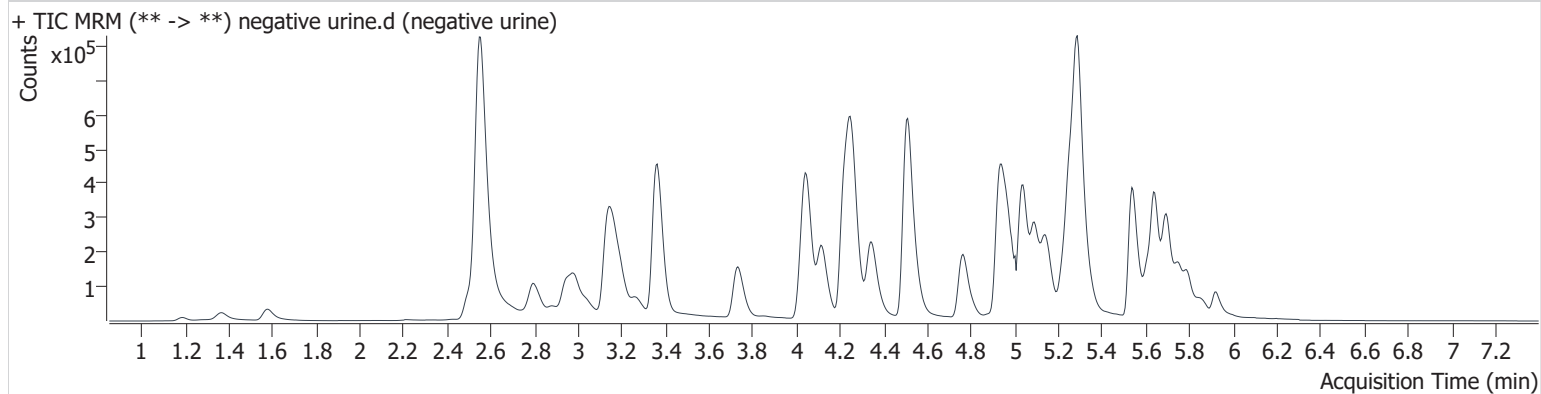


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument	69679	Data File	negative urine.d
Type	Sample	Sample	negative urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F7	Comment	
Injection Volume	3		
Acq. Date-Time	11/2/2021 9:22:05 PM		
Sample Info.			

Sample Chromatogram

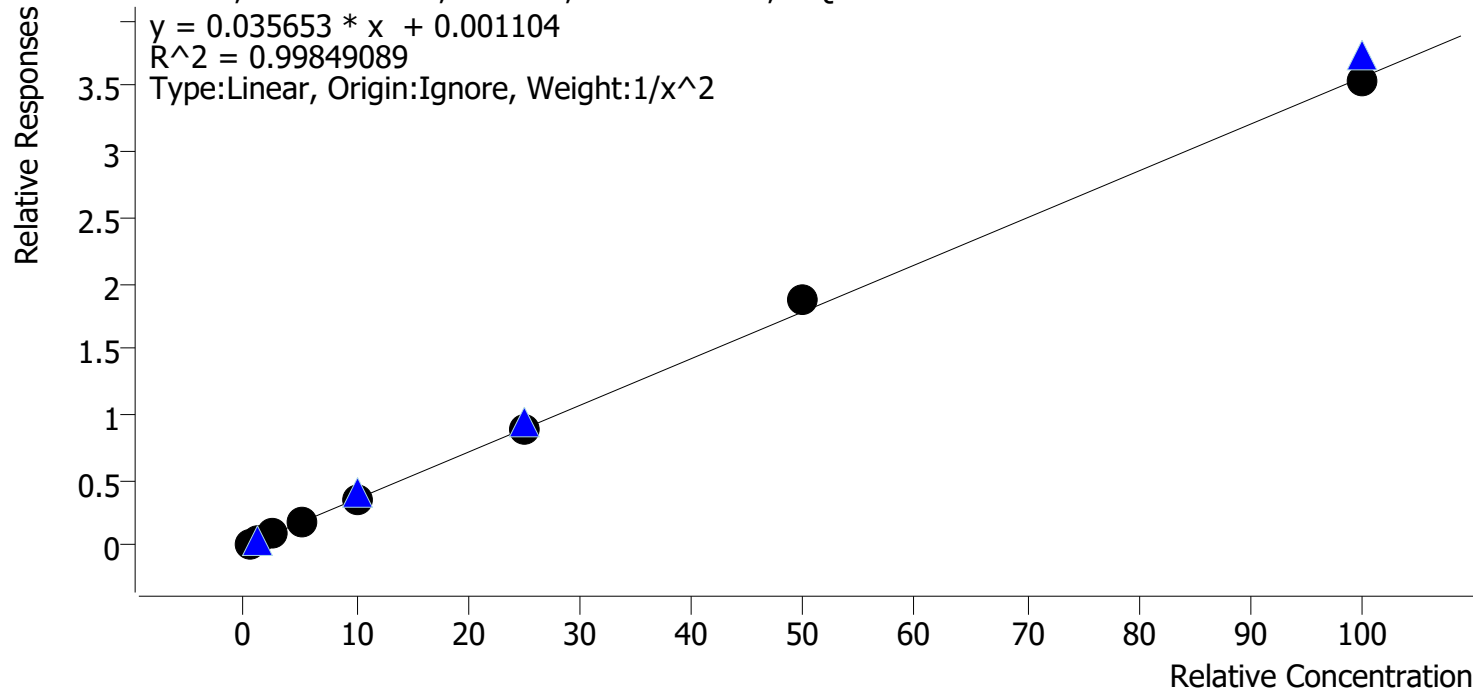


Compound Calibration Report



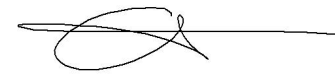
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Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



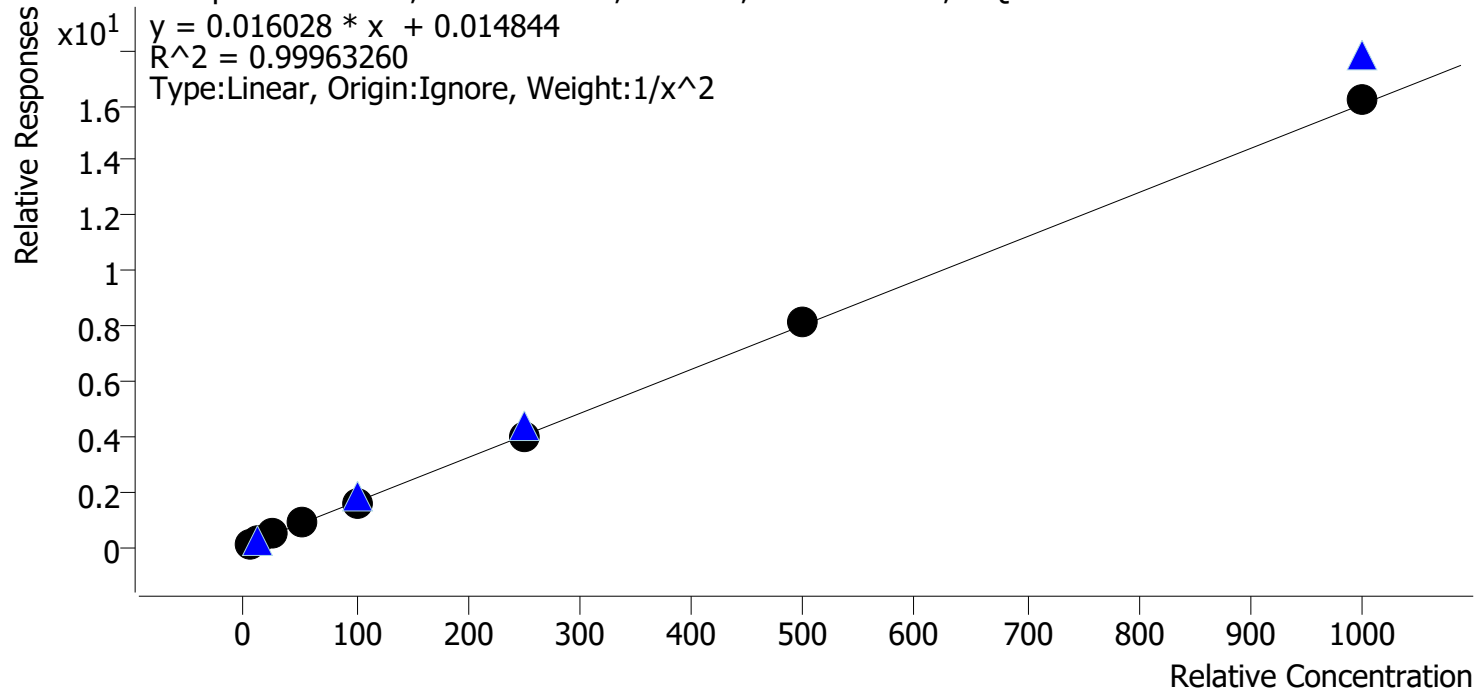
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	0.5	0.5	98.0
cal 2 mdq	2	✓	1.0	1.0	104.6
cal 3 mdq	3	✓	2.5	2.5	100.0
cal 4 mdq	4	✓	5.0	5.0	99.4
cal 5 mdq	5	✓	10.0	9.5	94.6
cal 6 mdq	6	✓	25.0	24.7	98.9
cal 7 mdq	7	✓	50.0	52.4	104.9
cal 8 mdq	8	✓	100.0	99.6	99.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



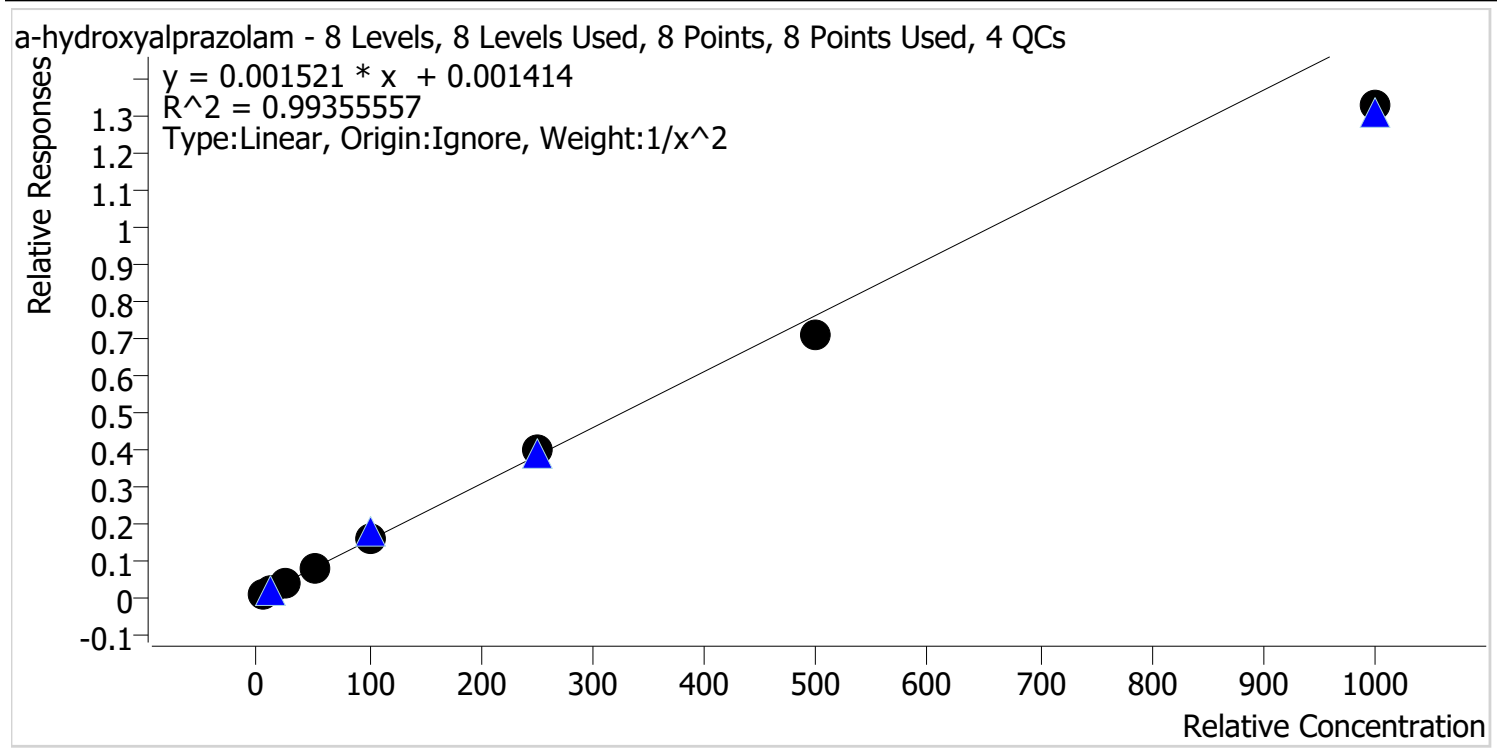
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	51.2	102.4
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	244.0	97.6
cal 7 mdq	7	✓	500.0	505.8	101.2
cal 8 mdq	8	✓	1000.0	1008.5	100.8

Compound Calibration Report



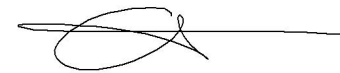
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam

Internal Standard Alprazolam-D5



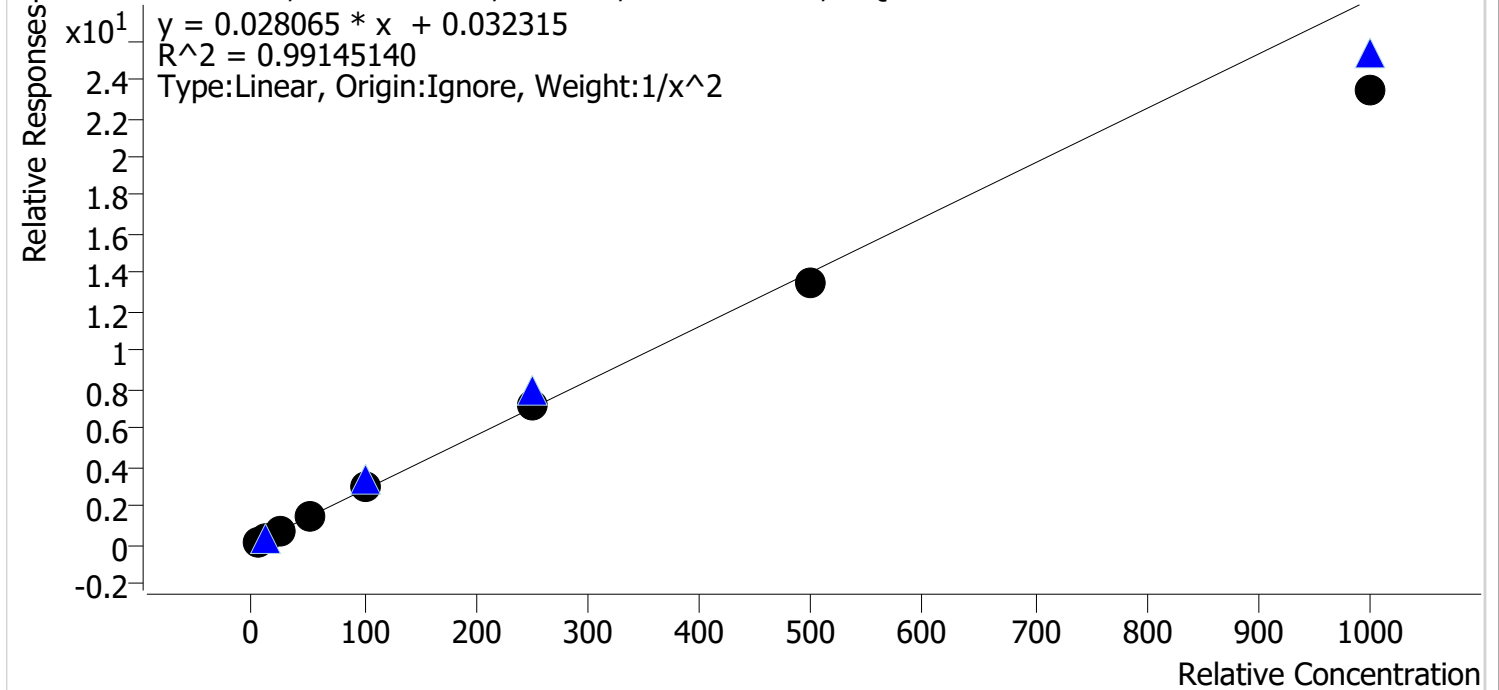
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	96.2
cal 2 mdq	2	✓	10.0	10.4	103.9
cal 3 mdq	3	✓	25.0	26.6	106.5
cal 4 mdq	4	✓	50.0	51.7	103.5
cal 5 mdq	5	✓	100.0	105.1	105.1
cal 6 mdq	6	✓	250.0	261.2	104.5
cal 7 mdq	7	✓	500.0	465.2	93.0
cal 8 mdq	8	✓	1000.0	872.6	87.3

Compound Calibration Report



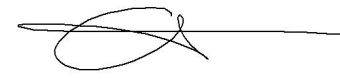
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** Amphetamine-D11

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



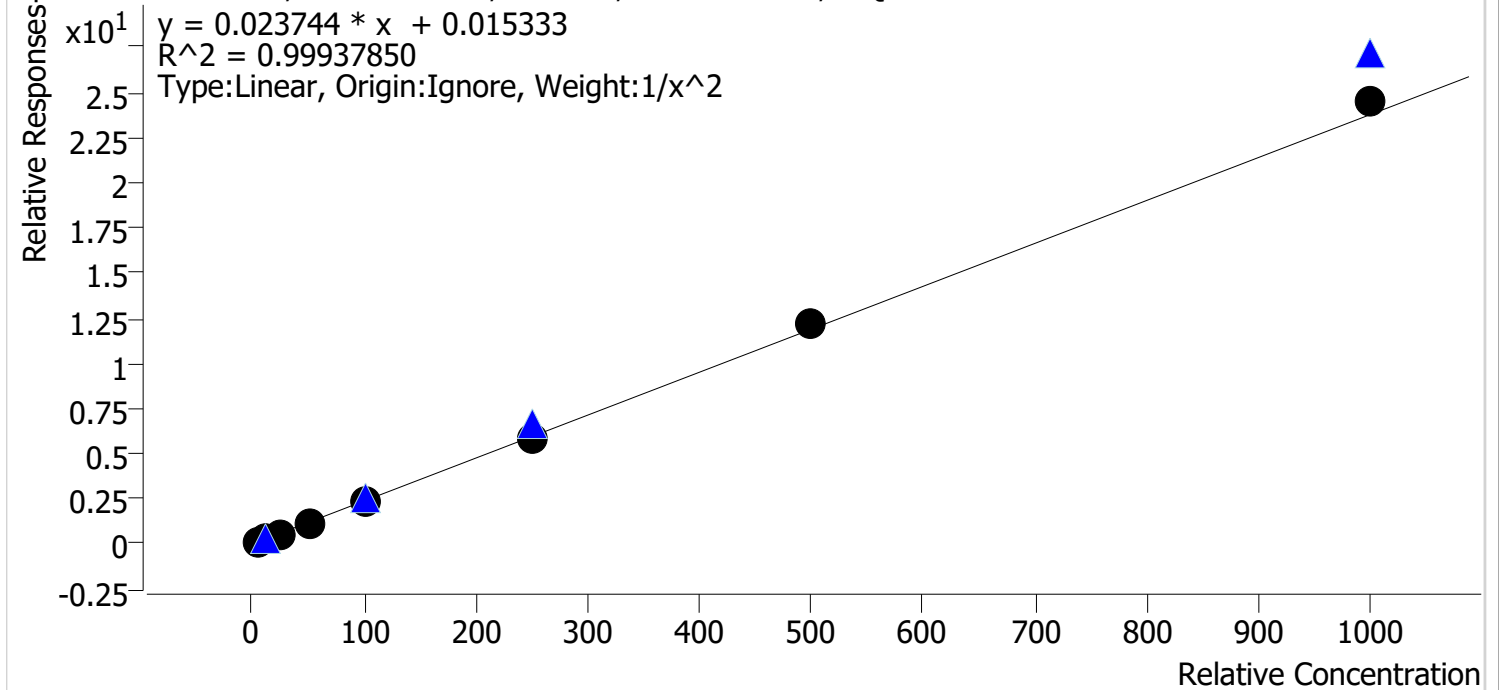
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.7	95.0
cal 2 mdq	2	✓	10.0	10.7	106.5
cal 3 mdq	3	✓	25.0	26.3	105.2
cal 4 mdq	4	✓	50.0	52.6	105.3
cal 5 mdq	5	✓	100.0	105.7	105.7
cal 6 mdq	6	✓	250.0	258.2	103.3
cal 7 mdq	7	✓	500.0	477.7	95.5
cal 8 mdq	8	✓	1000.0	835.9	83.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 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



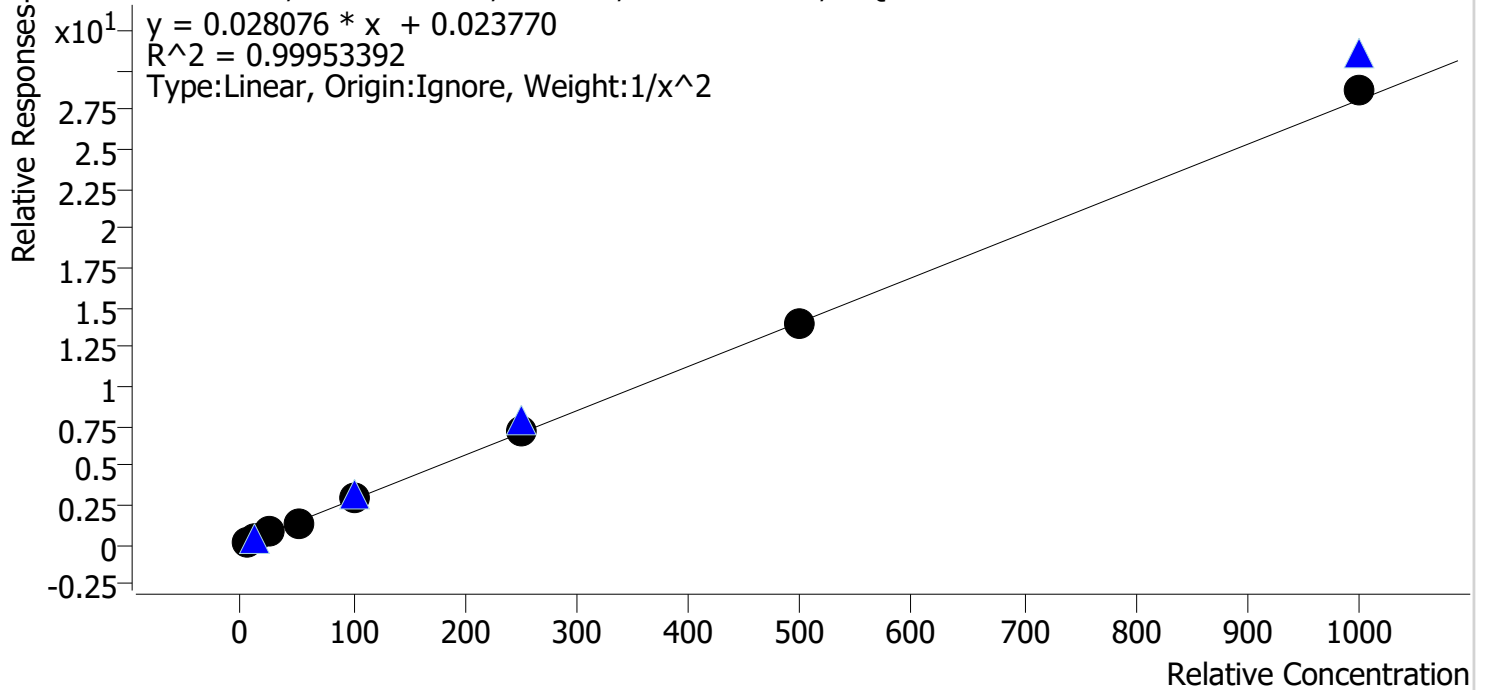
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	49.2	98.4
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	513.3	102.7
cal 8 mdq	8	✓	1000.0	1035.6	103.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



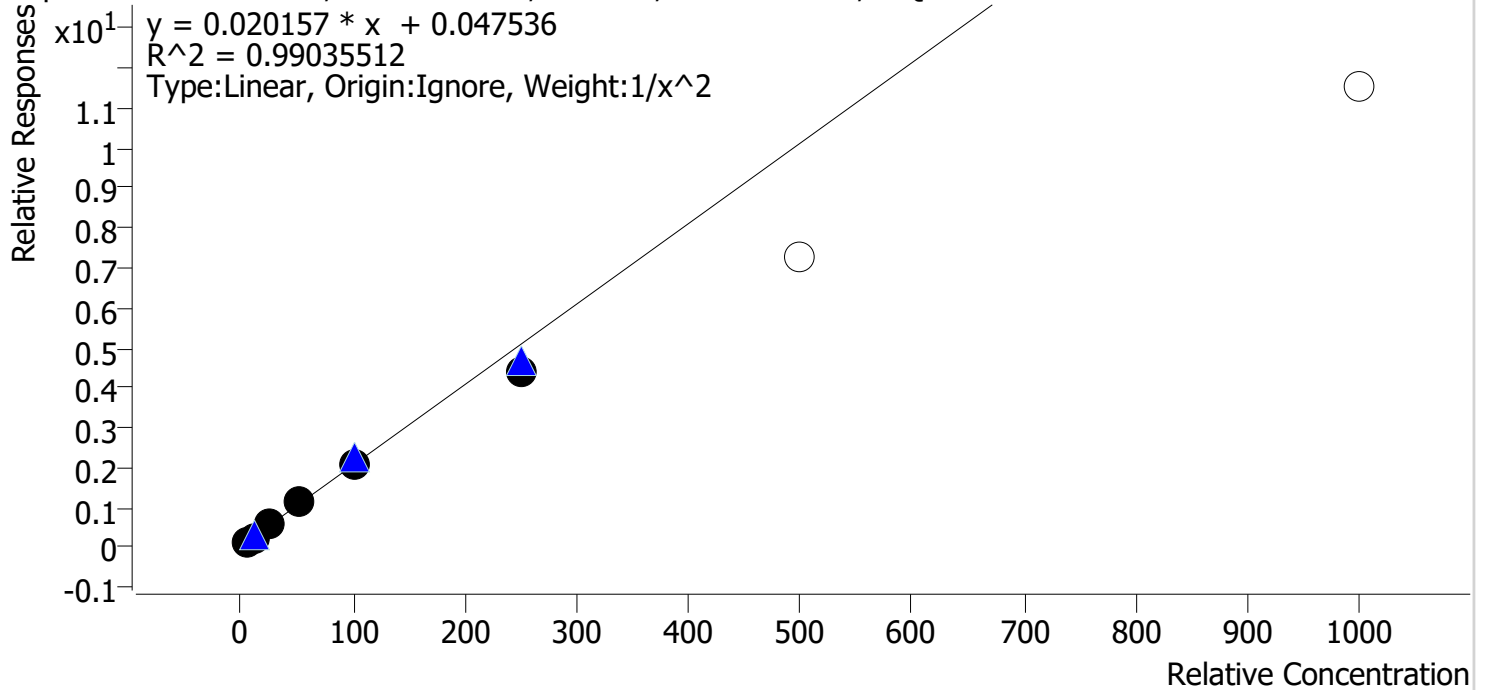
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	24.6	98.5
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	492.8	98.6
cal 8 mdq	8	✓	1000.0	1022.7	102.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

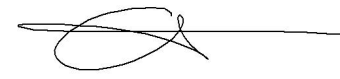
Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.7	94.5
cal 2 mdq	2	✓	10.0	10.9	108.6
cal 3 mdq	3	✓	25.0	26.3	105.2
cal 4 mdq	4	✓	50.0	52.5	104.9
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	217.7	87.1
cal 7 mdq	7	✗	500.0	359.3	71.9
cal 8 mdq	8	✗	1000.0	568.4	56.8

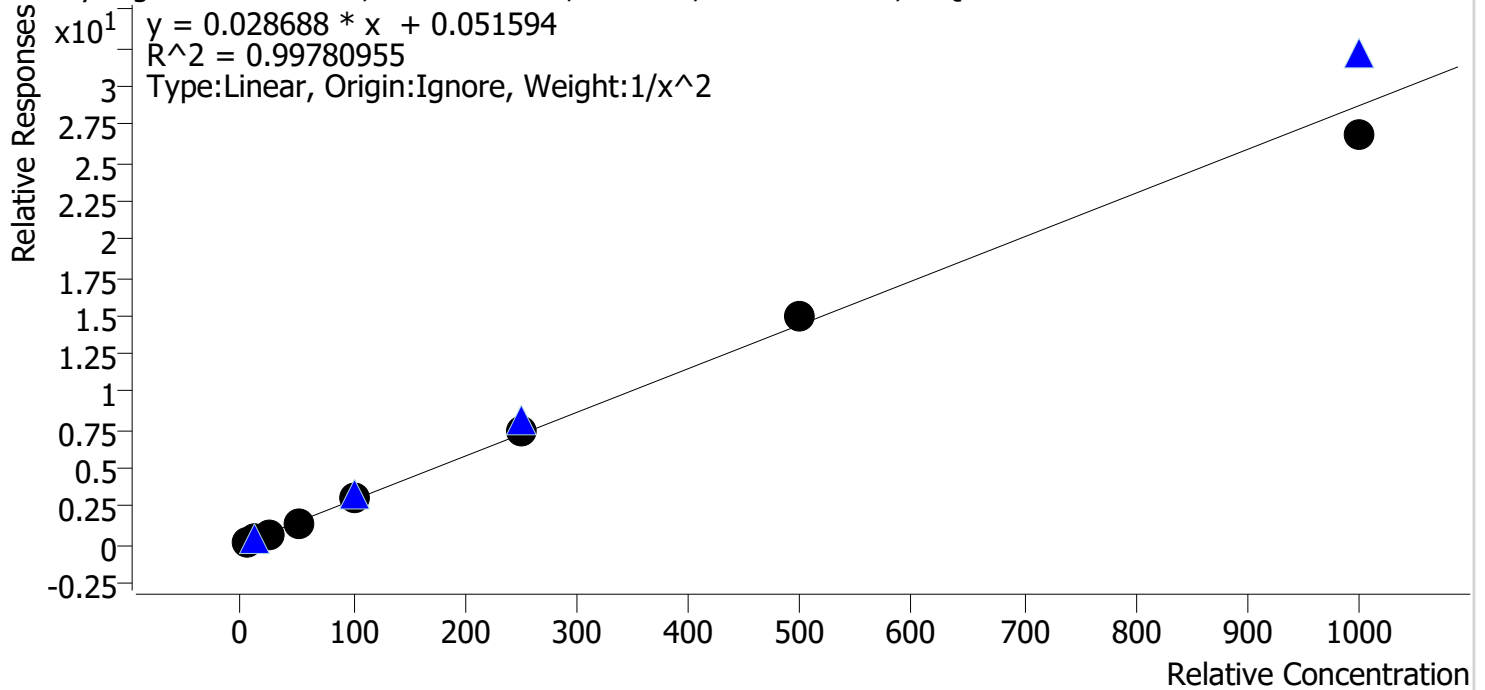
Cal 7 and 8 dropped accuracy out of range

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



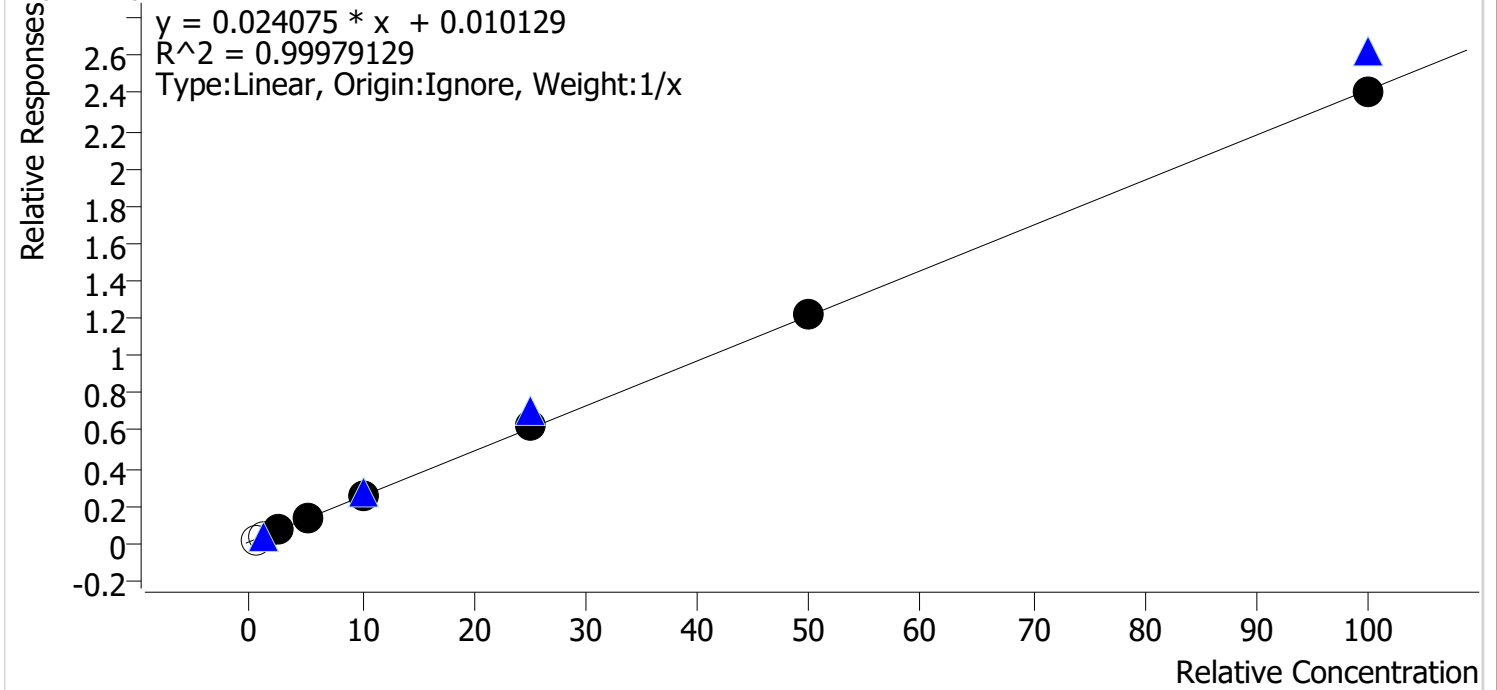
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.5	105.2
cal 3 mdq	3	✓	25.0	24.0	95.9
cal 4 mdq	4	✓	50.0	49.3	98.5
cal 5 mdq	5	✓	100.0	103.4	103.4
cal 6 mdq	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	517.7	103.5
cal 8 mdq	8	✓	1000.0	937.4	93.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

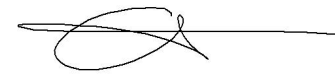
Buprenorphine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	x	0.5	0.4	71.7
cal 2 mdq	2	x	1.0	0.8	77.8
cal 3 mdq	3	✓	2.5	2.6	102.0
cal 4 mdq	4	✓	5.0	4.8	96.4
cal 5 mdq	5	✓	10.0	9.9	99.3
cal 6 mdq	6	✓	25.0	25.6	102.3
cal 7 mdq	7	✓	50.0	50.4	100.8
cal 8 mdq	8	✓	100.0	99.2	99.2

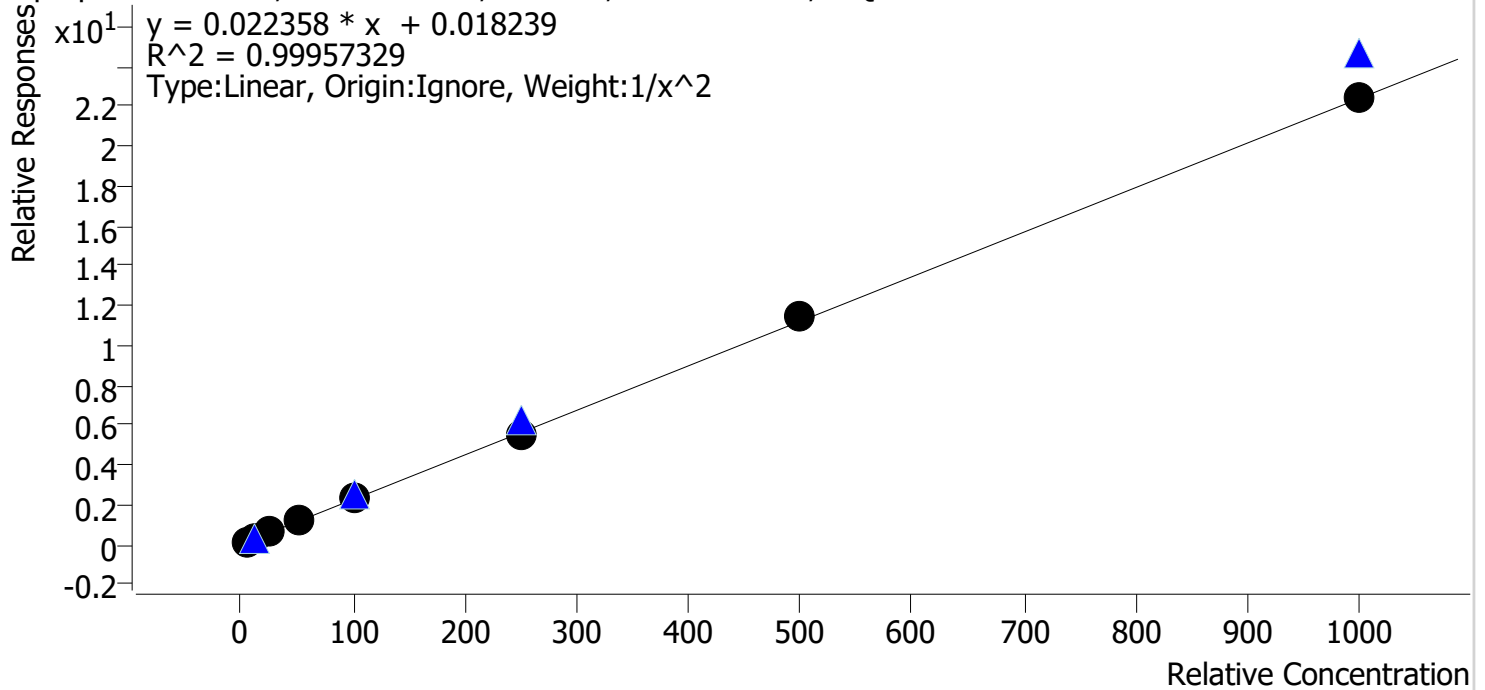
Cal 1 and 2 dropped ratio cal 1 out of range, ratio 1 ng qc out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 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	5.1	101.6
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	25.1	100.6
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	513.5	102.7
cal 8 mdq	8	✓	1000.0	1004.6	100.5

Compound Calibration Report

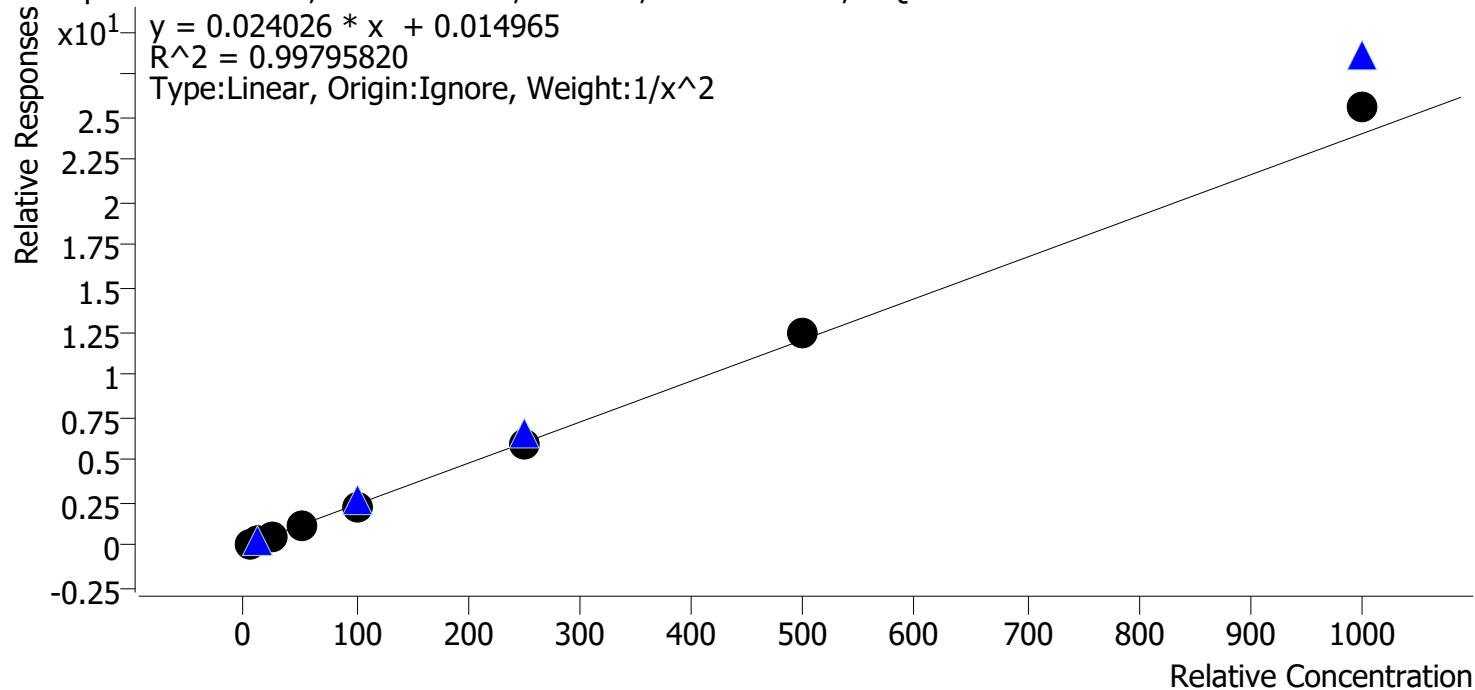


Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

Carisoprodol-D7

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



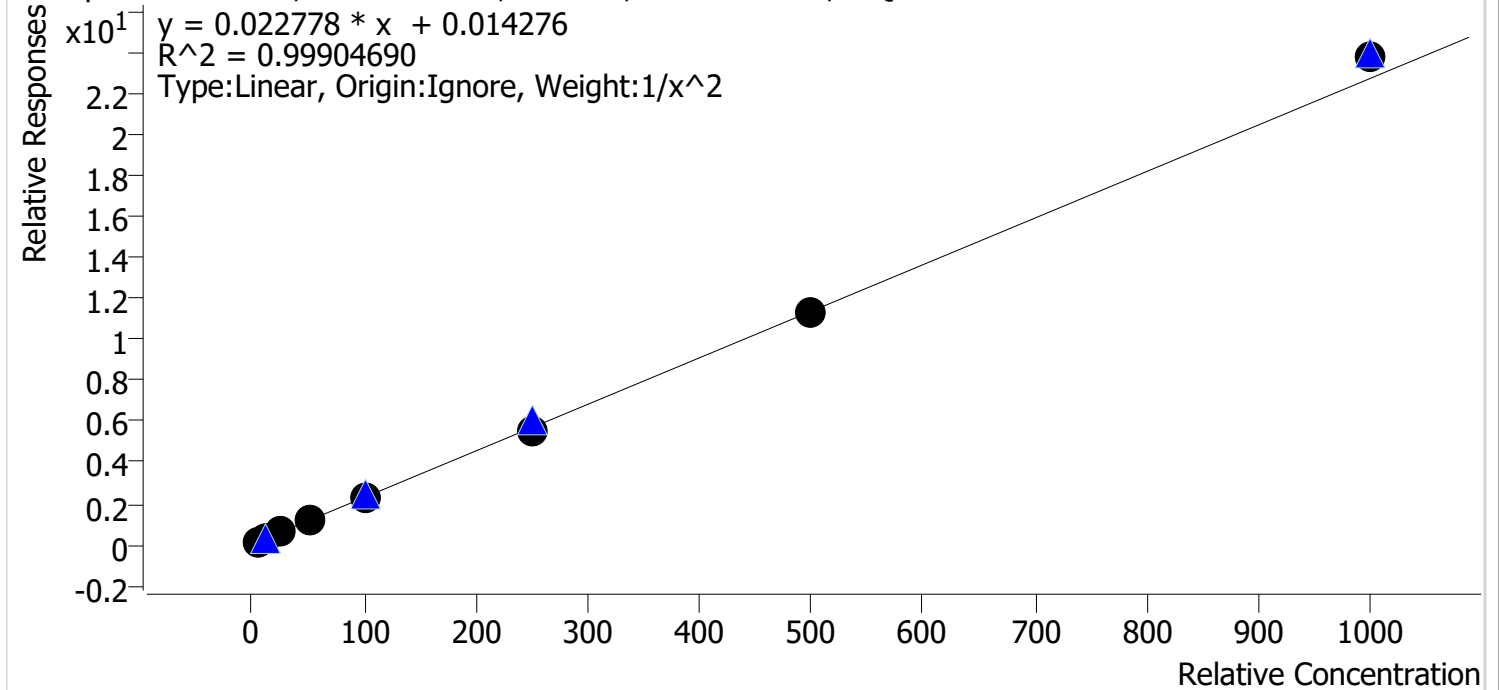
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.3	103.1
cal 3 mdq	3	✓	25.0	23.8	95.4
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	94.9	94.9
cal 6 mdq	6	✓	250.0	250.6	100.2
cal 7 mdq	7	✓	500.0	513.7	102.7
cal 8 mdq	8	✓	1000.0	1061.6	106.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.4	103.5
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	242.9	97.2
cal 7 mdq	7	✓	500.0	495.9	99.2
cal 8 mdq	8	✓	1000.0	1044.8	104.5

Compound Calibration Report

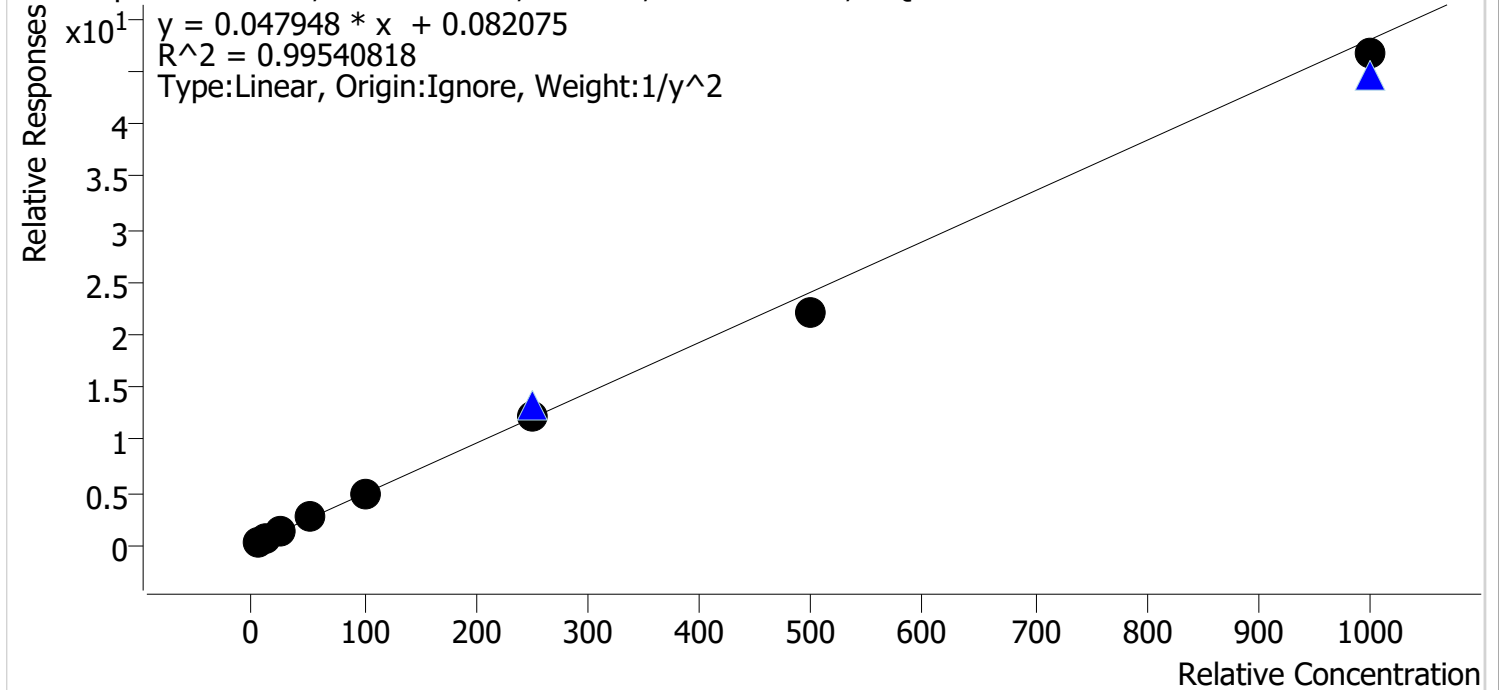


Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	9.6	95.9
cal 3 mdq	3	✓	25.0	26.1	104.4
cal 4 mdq	4	✓	50.0	56.2	112.4
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	256.7	102.7
cal 7 mdq	7	✓	500.0	460.9	92.2
cal 8 mdq	8	✓	1000.0	972.2	97.2

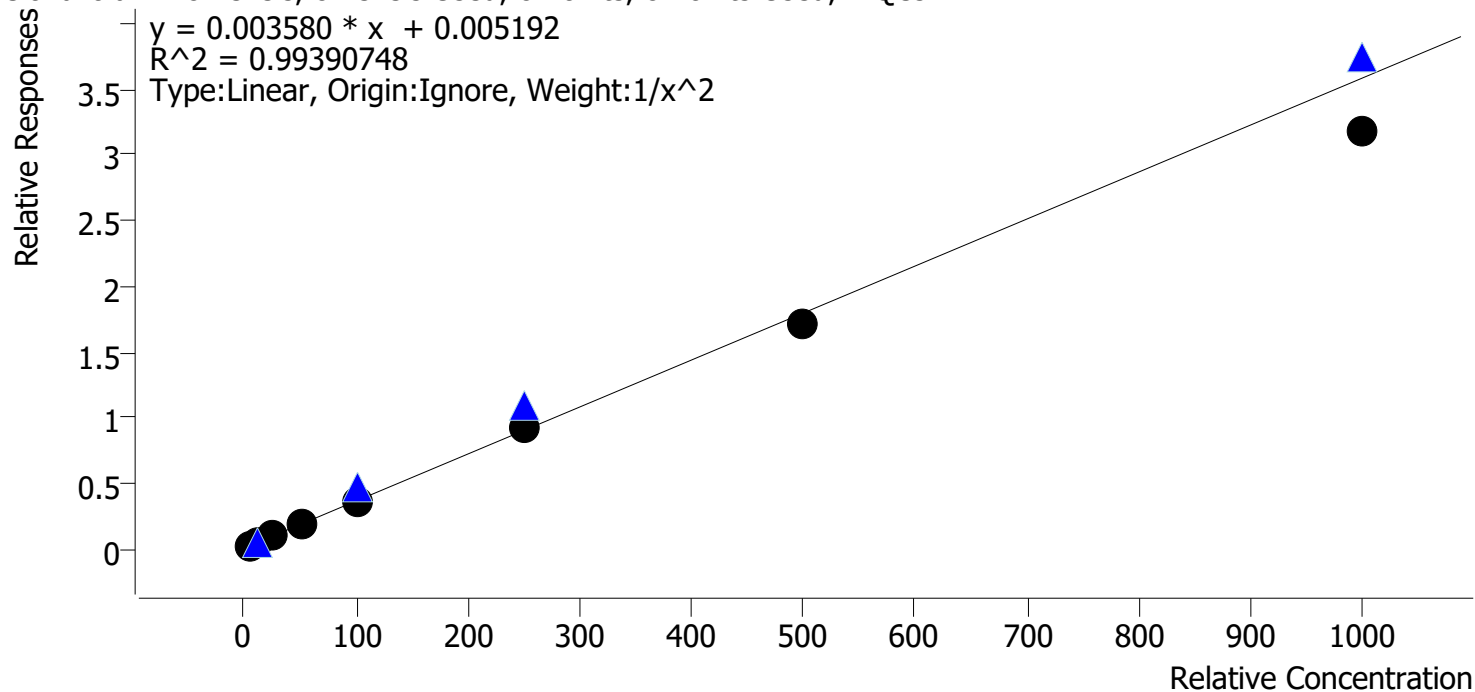
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Clonazolam

Internal Standard Alprazolam-D5

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



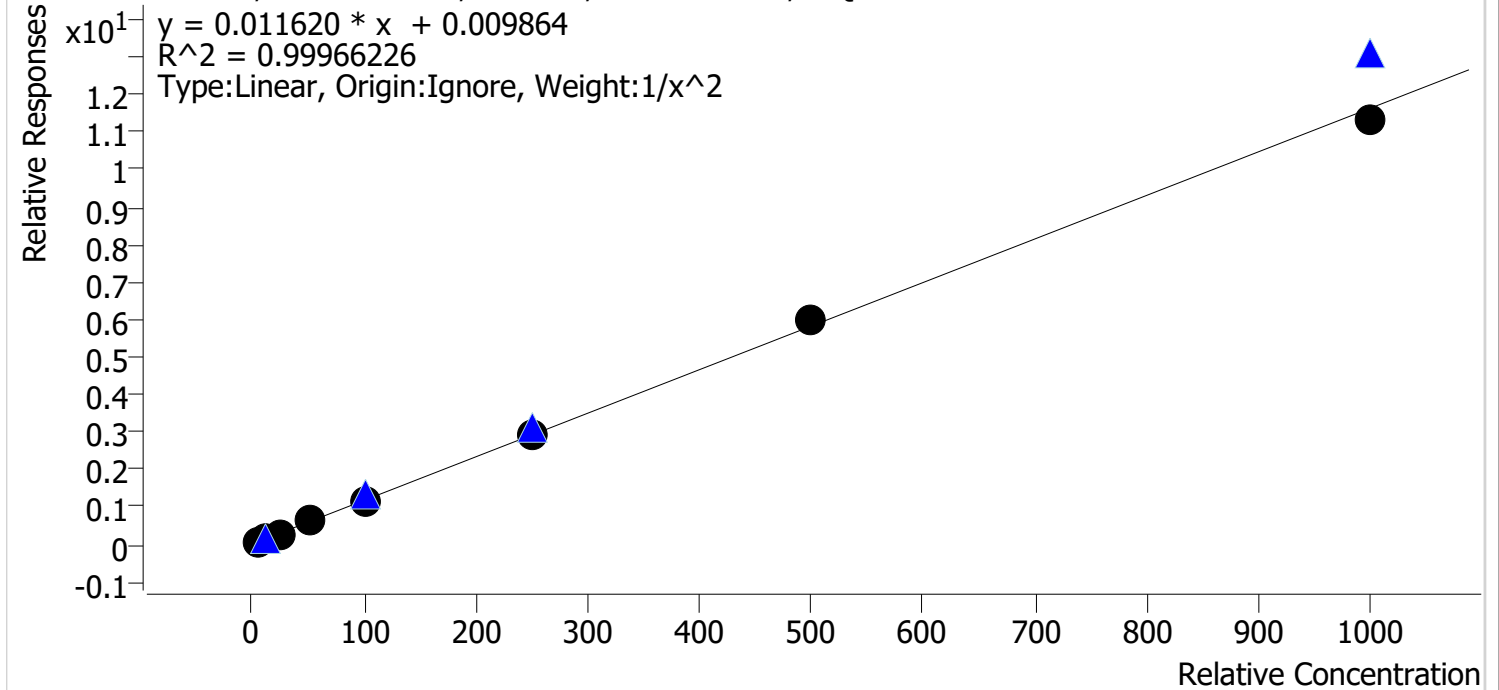
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.7	94.6
cal 2 mdq	2	✓	10.0	10.7	106.8
cal 3 mdq	3	✓	25.0	27.3	109.1
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	257.1	102.8
cal 7 mdq	7	✓	500.0	473.9	94.8
cal 8 mdq	8	✓	1000.0	887.8	88.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



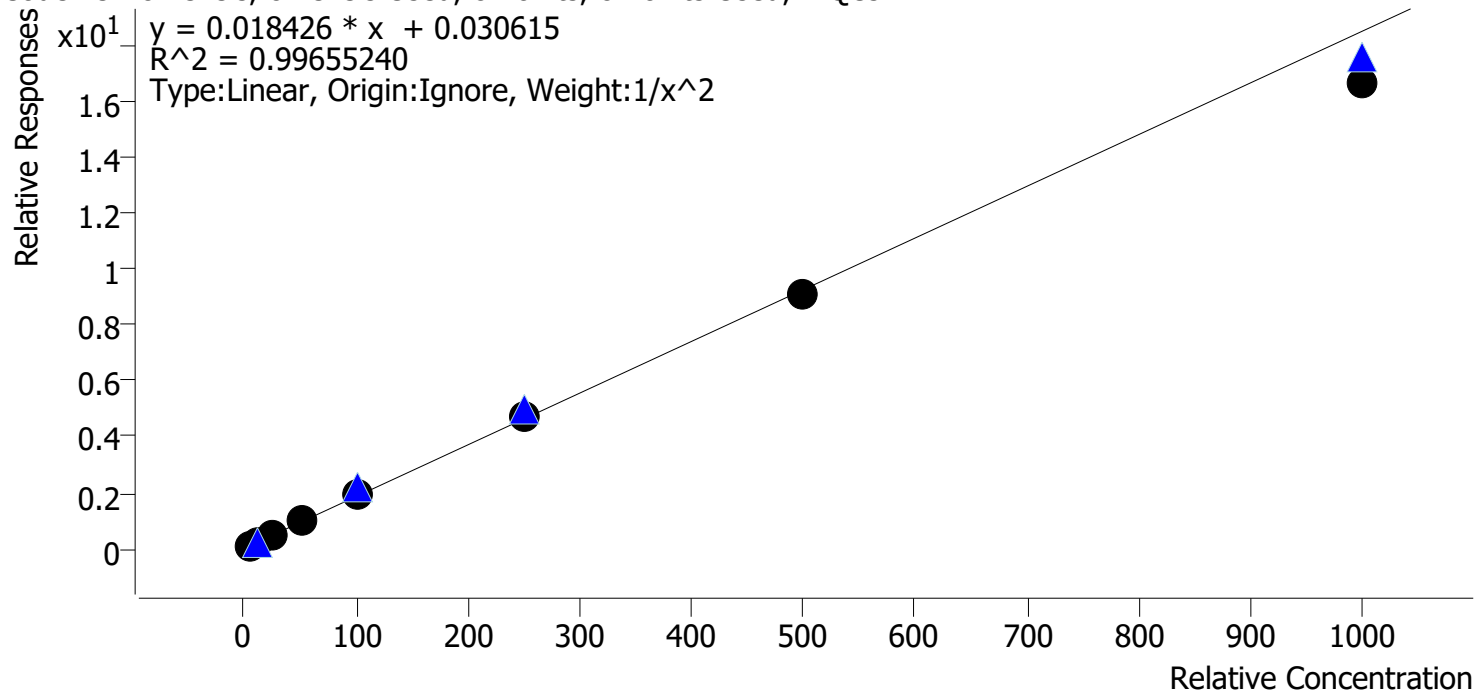
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	252.6	101.0
cal 7 mdq	7	✓	500.0	510.6	102.1
cal 8 mdq	8	✓	1000.0	970.1	97.0

Compound Calibration Report



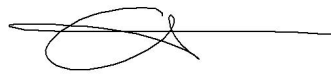
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



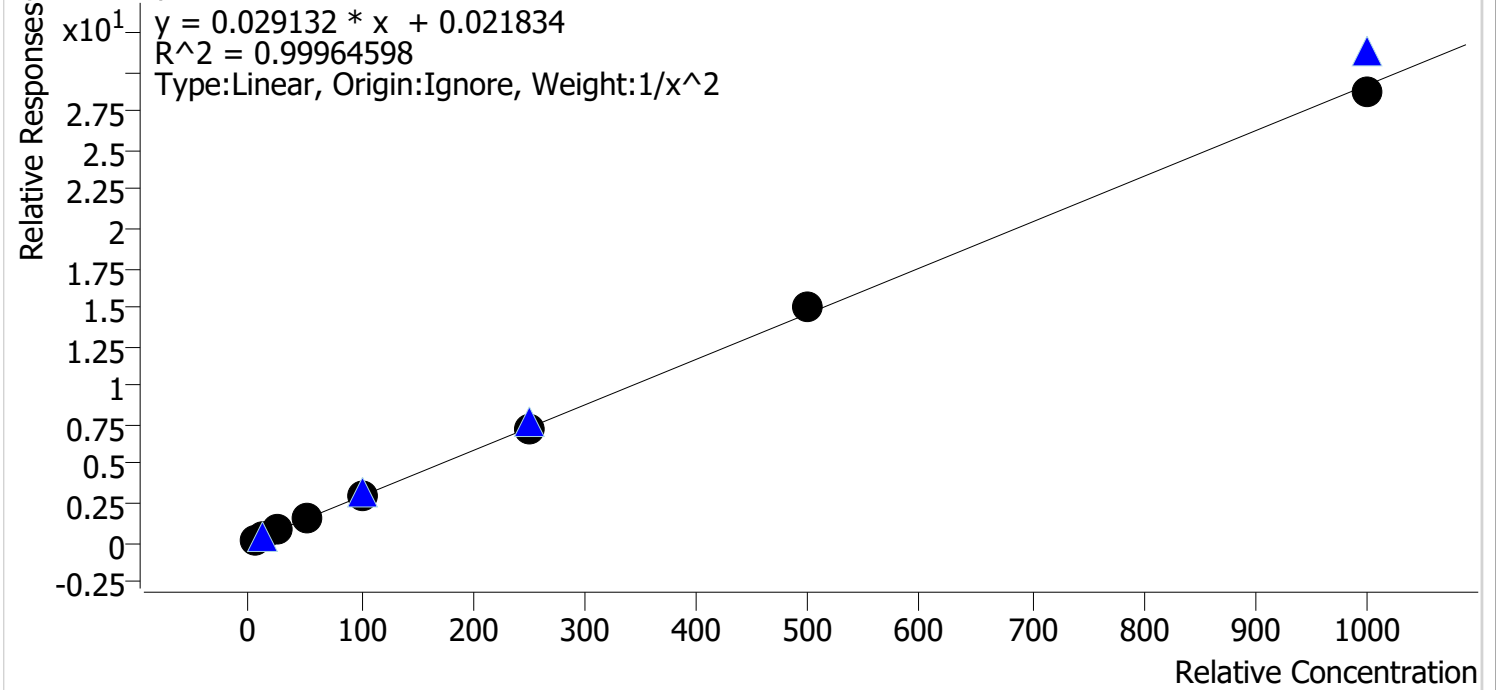
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	96.5
cal 2 mdq	2	✓	10.0	10.5	104.7
cal 3 mdq	3	✓	25.0	25.6	102.5
cal 4 mdq	4	✓	50.0	52.9	105.9
cal 5 mdq	5	✓	100.0	101.7	101.7
cal 6 mdq	6	✓	250.0	252.4	101.0
cal 7 mdq	7	✓	500.0	488.5	97.7
cal 8 mdq	8	✓	1000.0	900.8	90.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



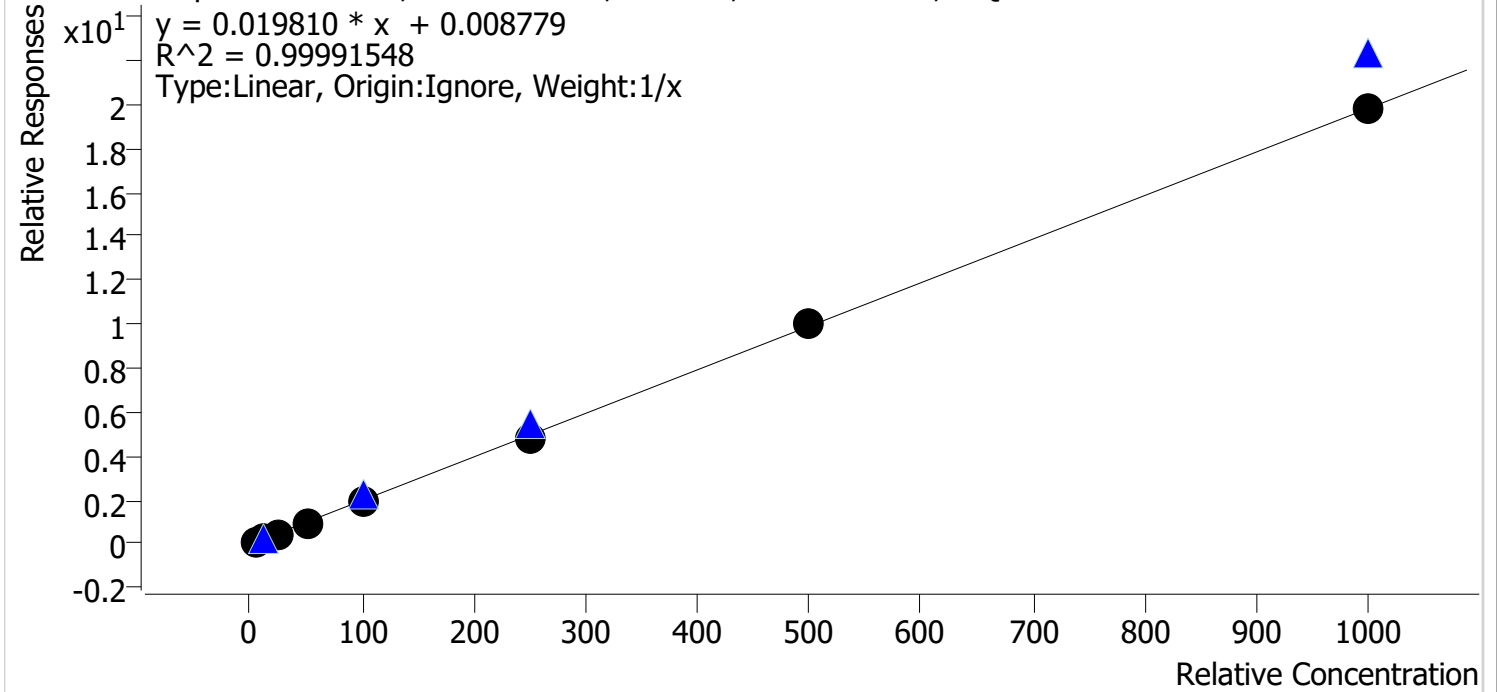
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	50.3	100.7
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	247.0	98.8
cal 7 mdq	7	✓	500.0	515.4	103.1
cal 8 mdq	8	✓	1000.0	985.4	98.5

Compound Calibration Report



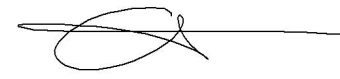
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



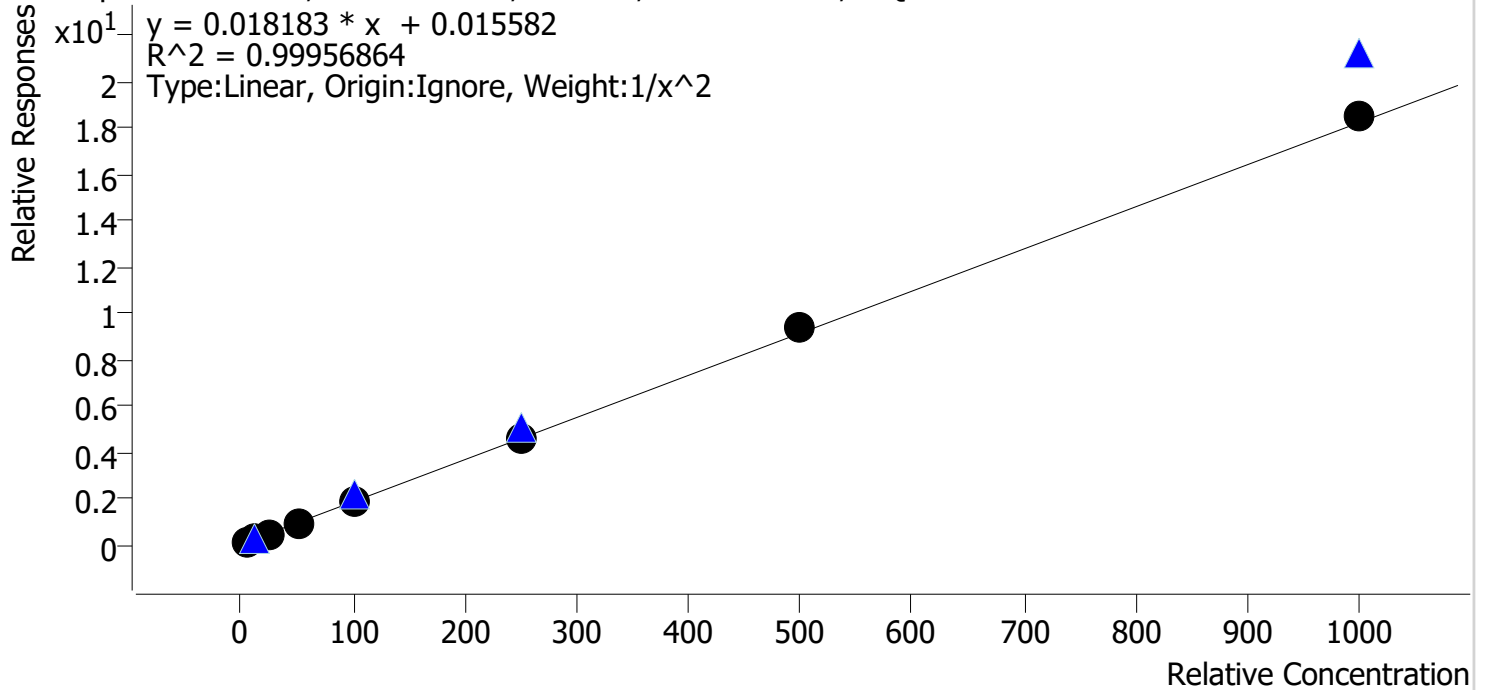
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.2	103.5
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	245.2	98.1
cal 7 mdq	7	✓	500.0	504.4	100.9
cal 8 mdq	8	✓	1000.0	1001.1	100.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



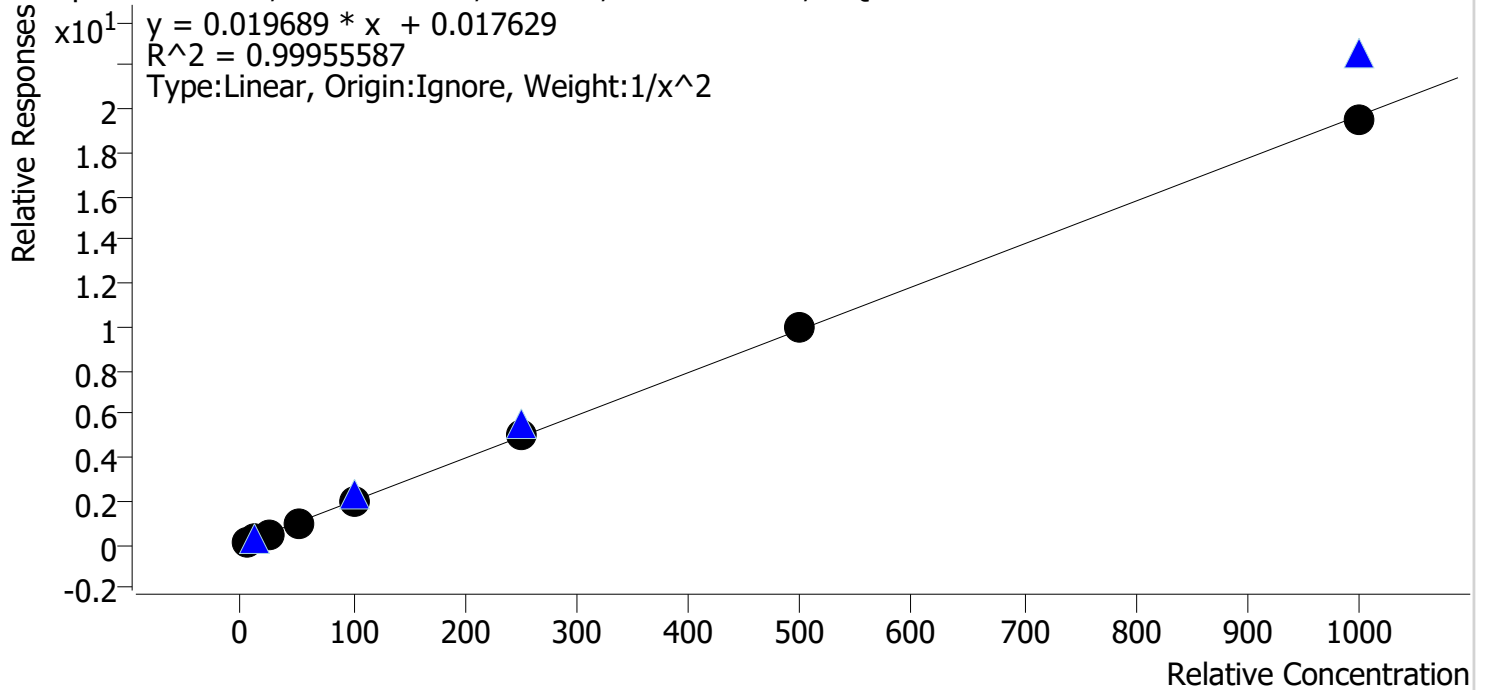
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.5	97.8
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	515.9	103.2
cal 8 mdq	8	✓	1000.0	1013.5	101.4

Compound Calibration Report



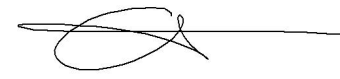
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



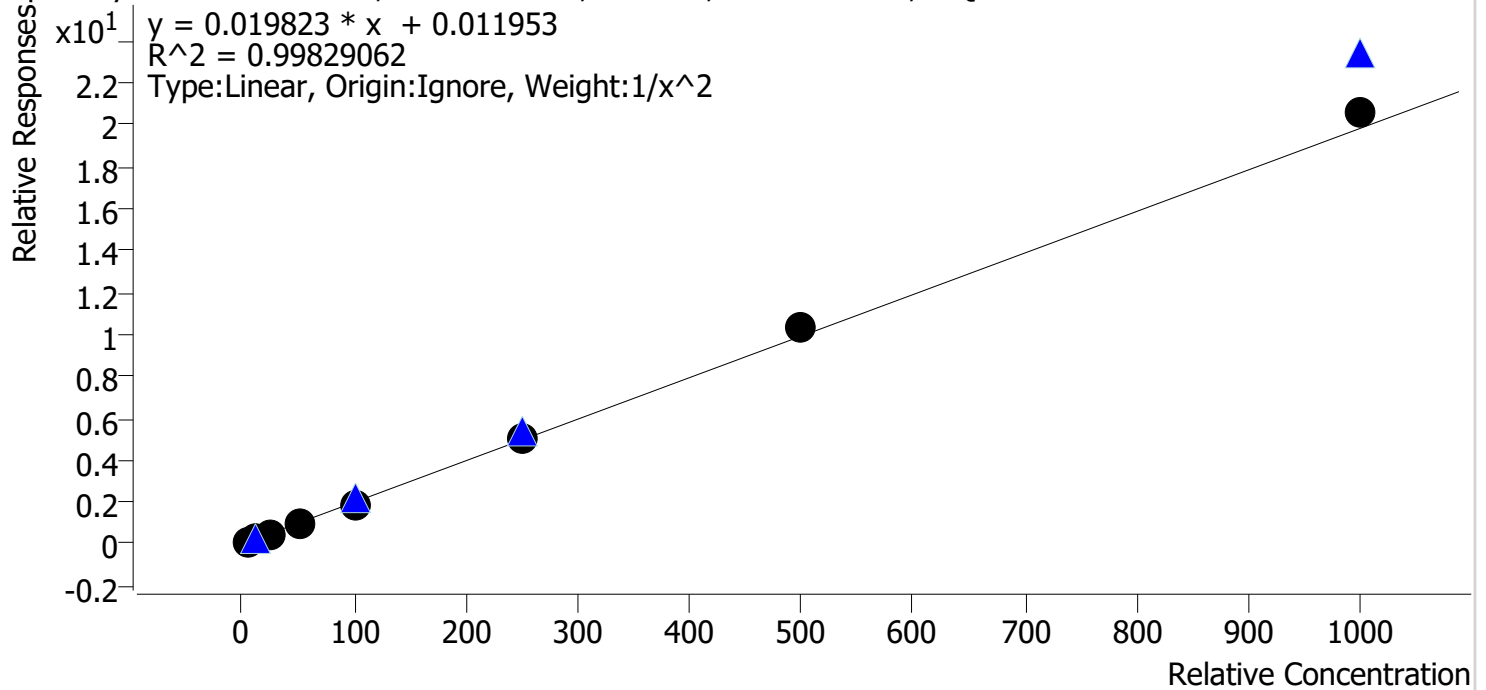
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.3	103.2
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	507.7	101.5
cal 8 mdq	8	✓	1000.0	986.3	98.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



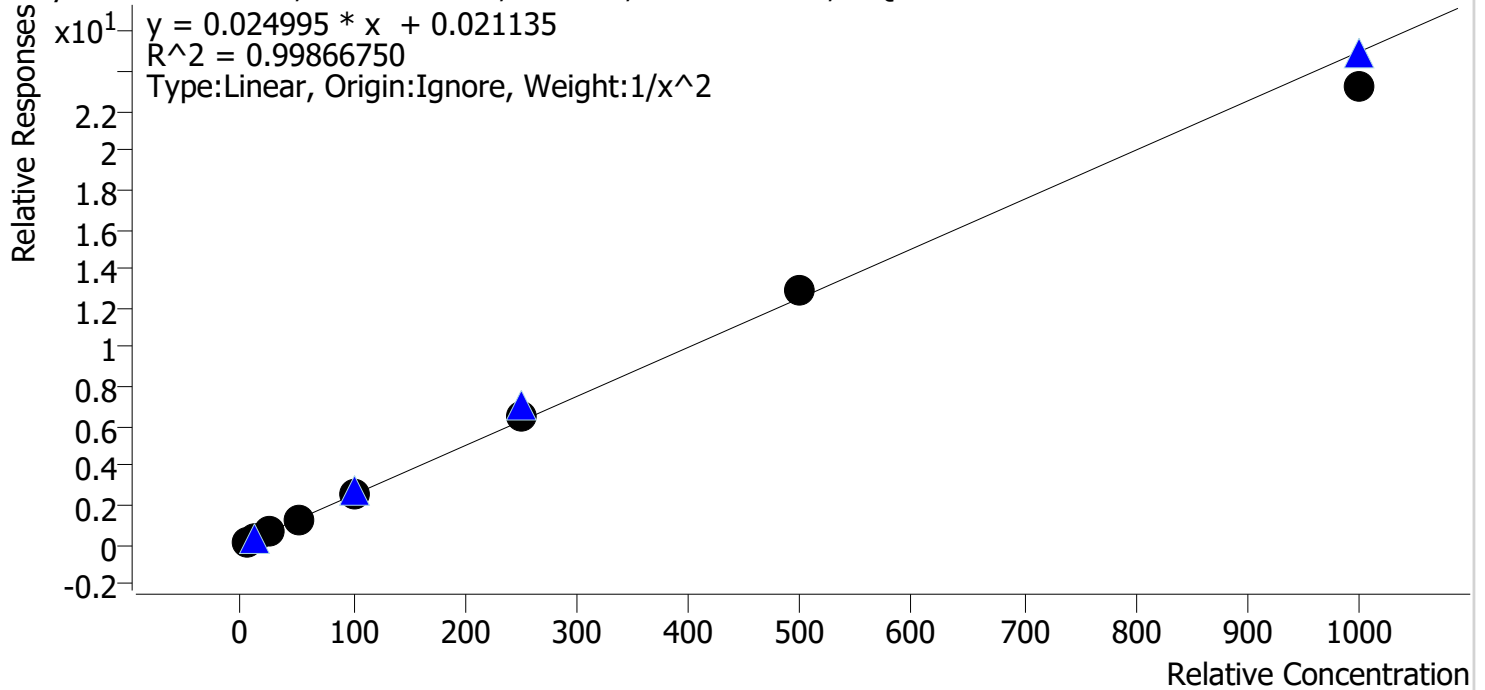
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	47.5	94.9
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	252.8	101.1
cal 7 mdq	7	✓	500.0	525.0	105.0
cal 8 mdq	8	✓	1000.0	1040.3	104.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



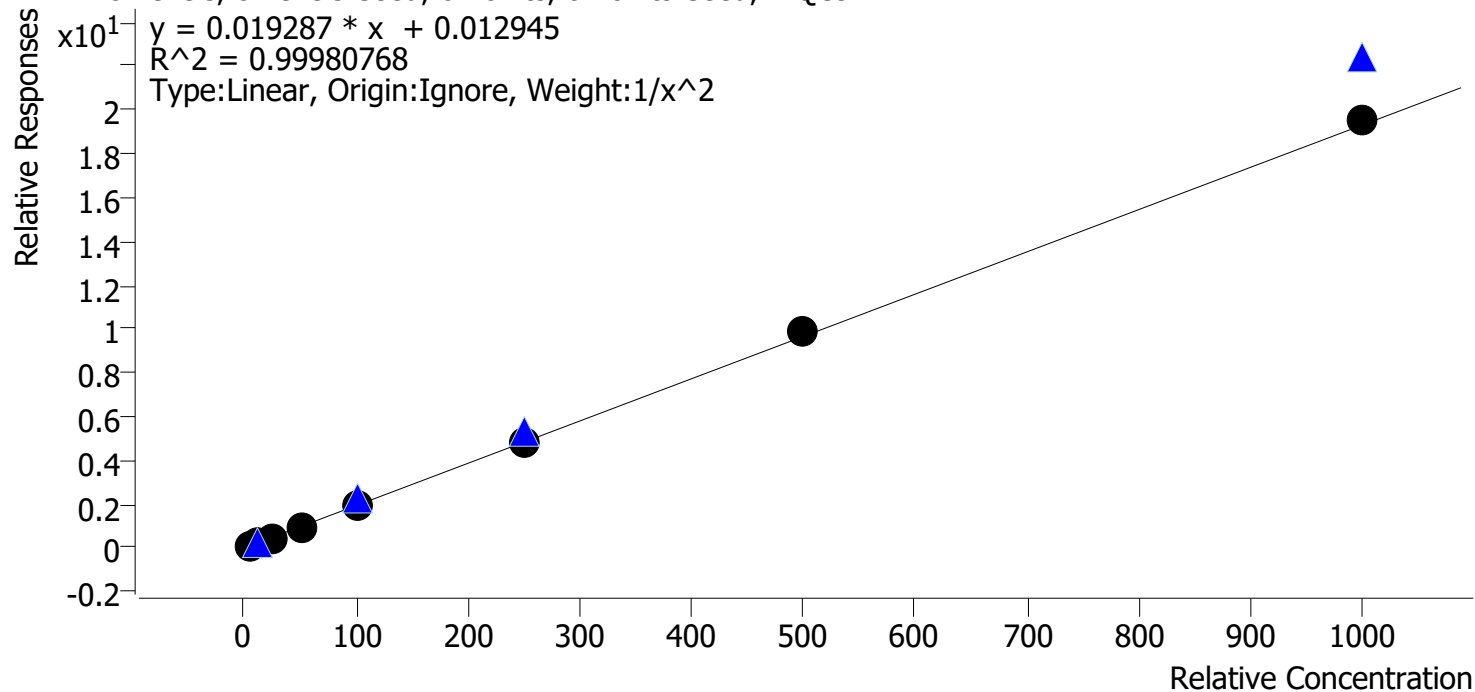
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	24.5	98.2
cal 4 mdq	4	✓	50.0	50.5	101.1
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	258.4	103.4
cal 7 mdq	7	✓	500.0	513.9	102.8
cal 8 mdq	8	✓	1000.0	932.9	93.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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

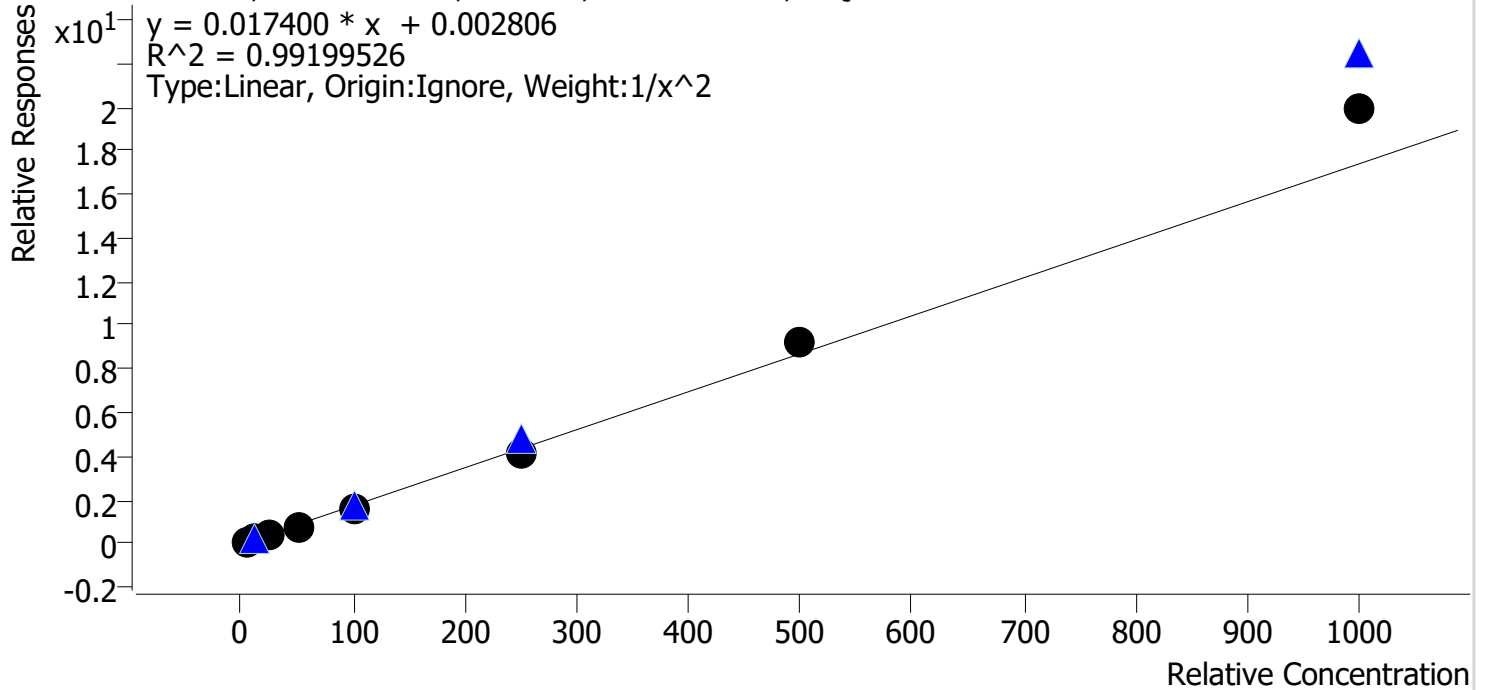


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	508.3	101.7
cal 8 mdq	8	✓	1000.0	1016.5	101.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Alprazolam-D5

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

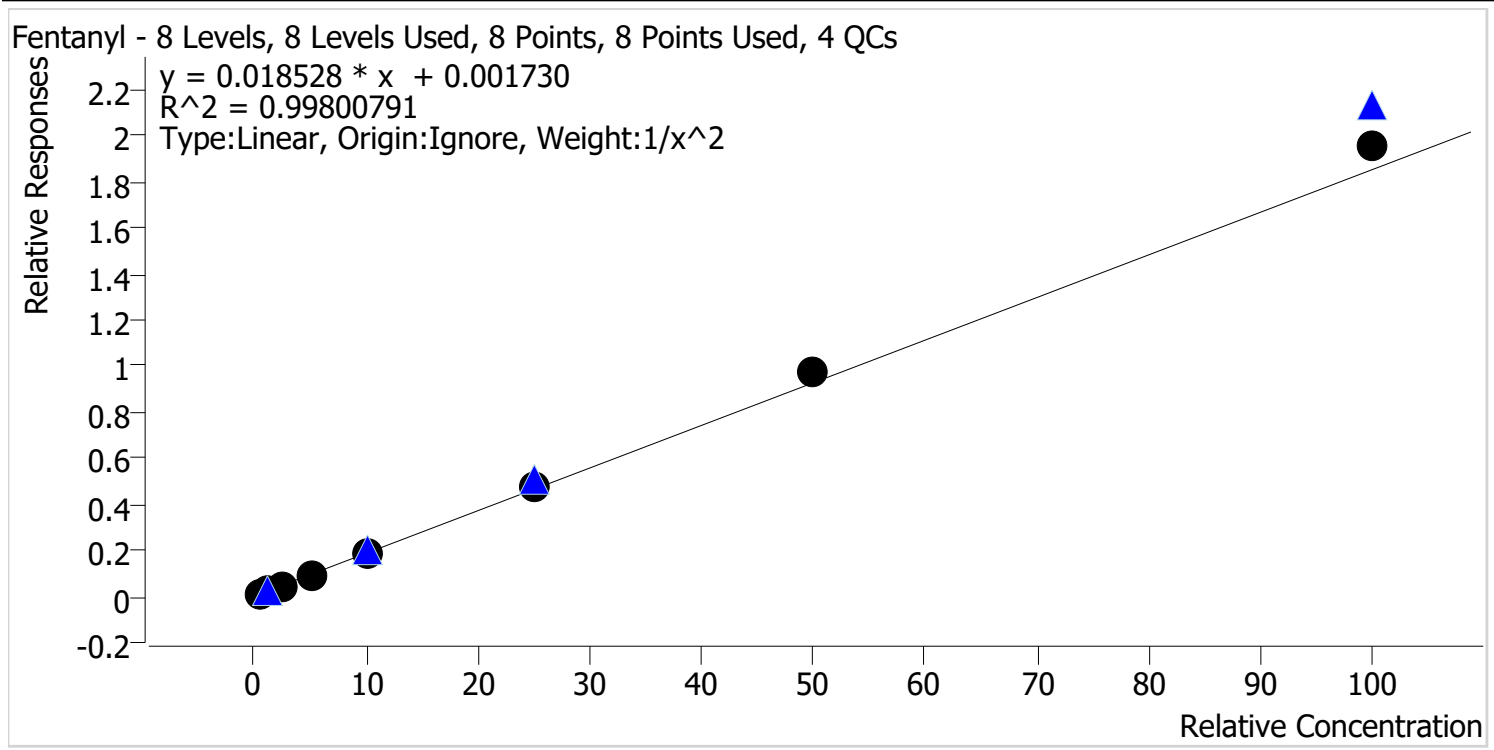


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	23.7	94.8
cal 4 mdq	4	✓	50.0	44.7	89.5
cal 5 mdq	5	✓	100.0	95.9	95.9
cal 6 mdq	6	✓	250.0	241.4	96.5
cal 7 mdq	7	✓	500.0	534.5	106.9
cal 8 mdq	8	✓	1000.0	1143.3	114.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



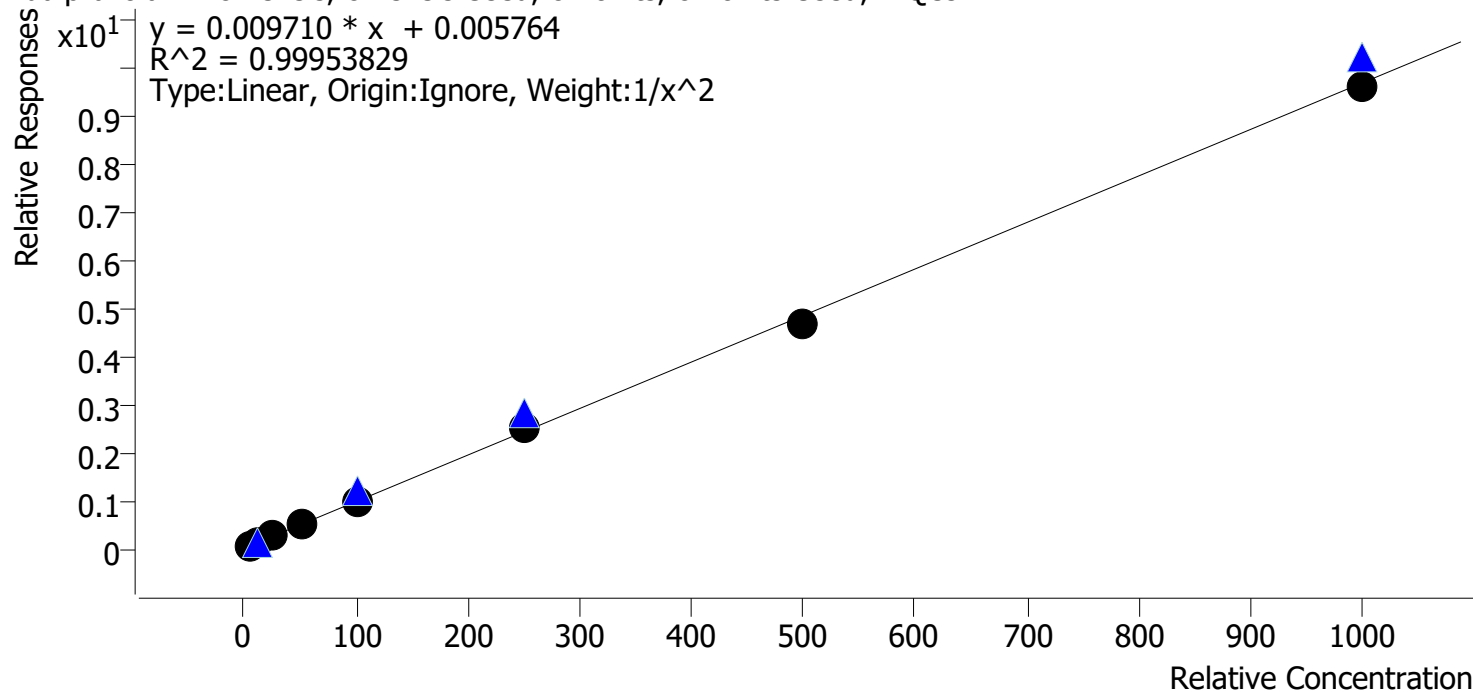
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	0.5	0.5	102.4
cal 2 mdq	2	✓	1.0	1.0	97.7
cal 3 mdq	3	✓	2.5	2.4	96.2
cal 4 mdq	4	✓	5.0	4.7	94.4
cal 5 mdq	5	✓	10.0	9.9	98.9
cal 6 mdq	6	✓	25.0	25.2	100.7
cal 7 mdq	7	✓	50.0	52.1	104.3
cal 8 mdq	8	✓	100.0	105.3	105.3

Compound Calibration Report



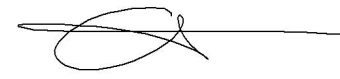
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



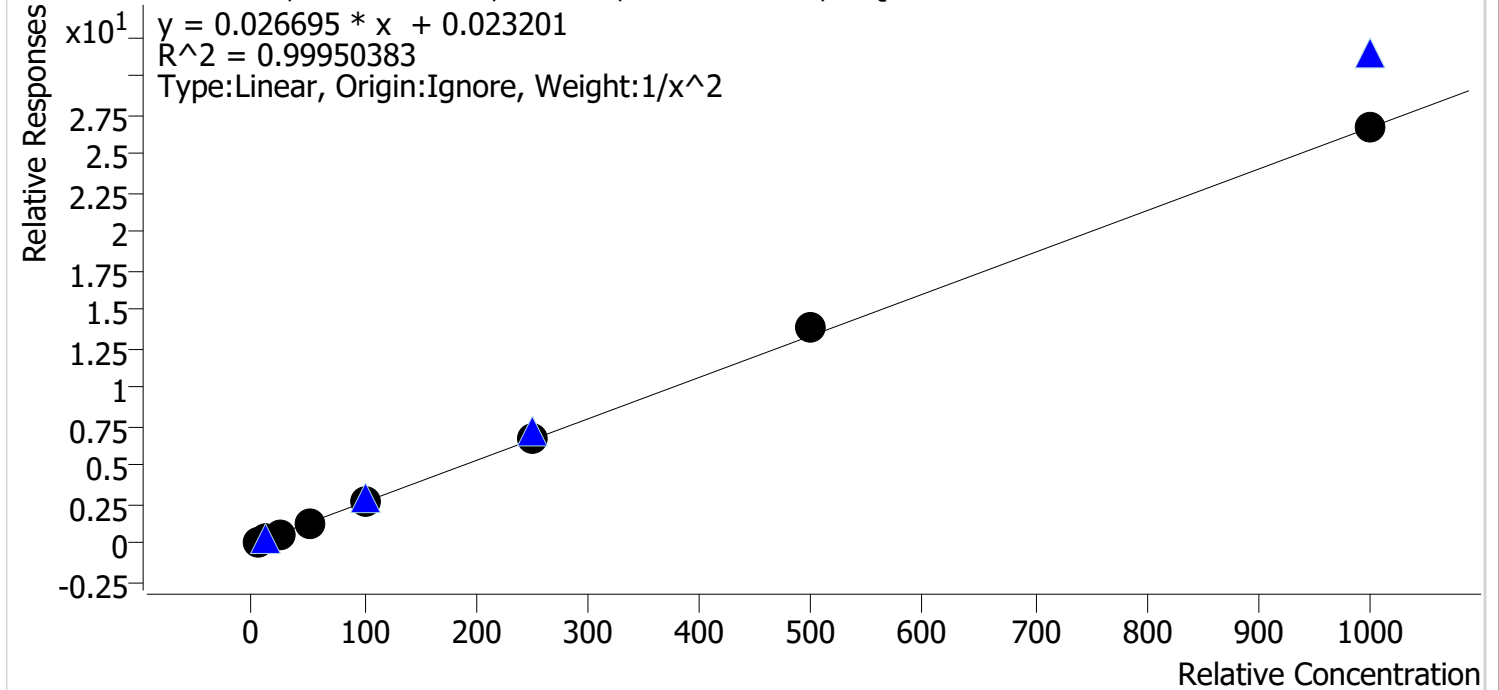
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	255.5	102.2
cal 7 mdq	7	✓	500.0	484.4	96.9
cal 8 mdq	8	✓	1000.0	990.3	99.0

Compound Calibration Report



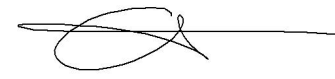
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



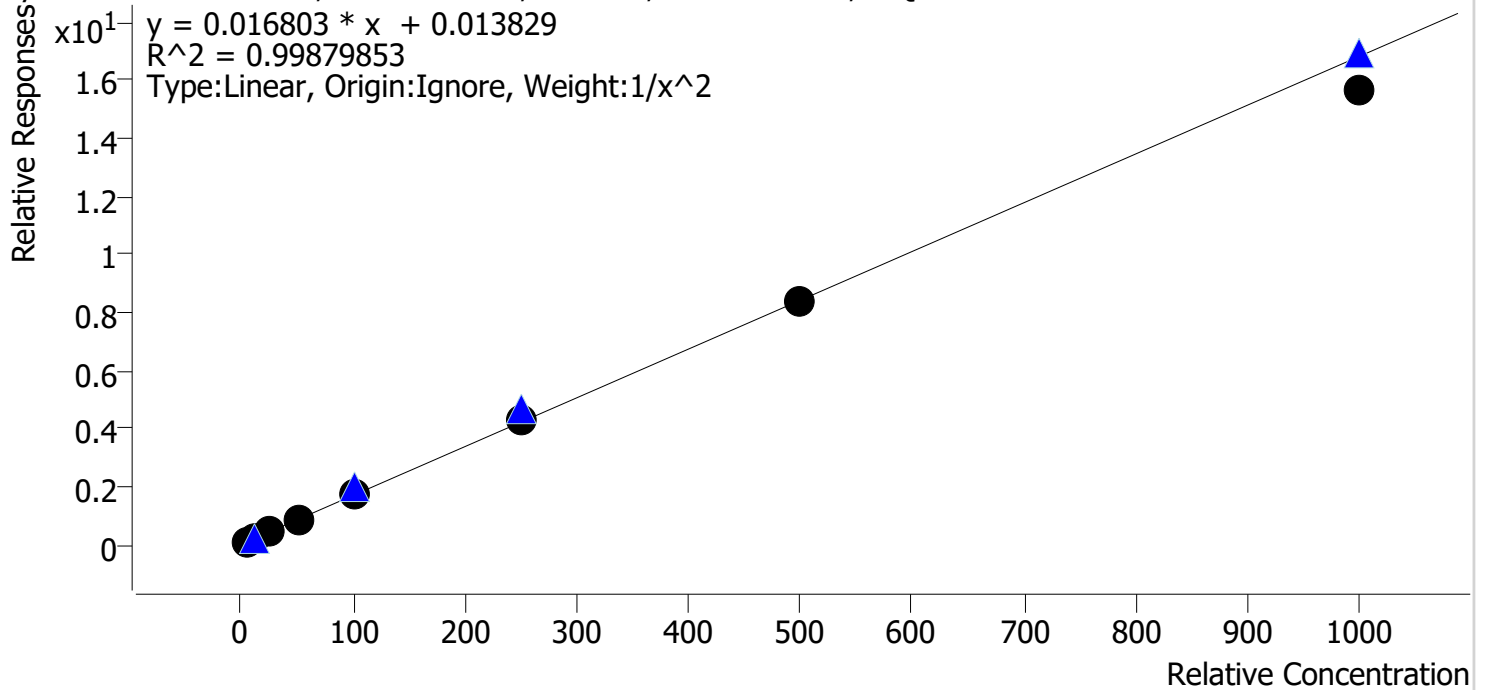
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	25.0	100.2
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	519.6	103.9
cal 8 mdq	8	✓	1000.0	1002.2	100.2

Compound Calibration Report



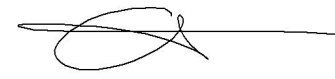
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



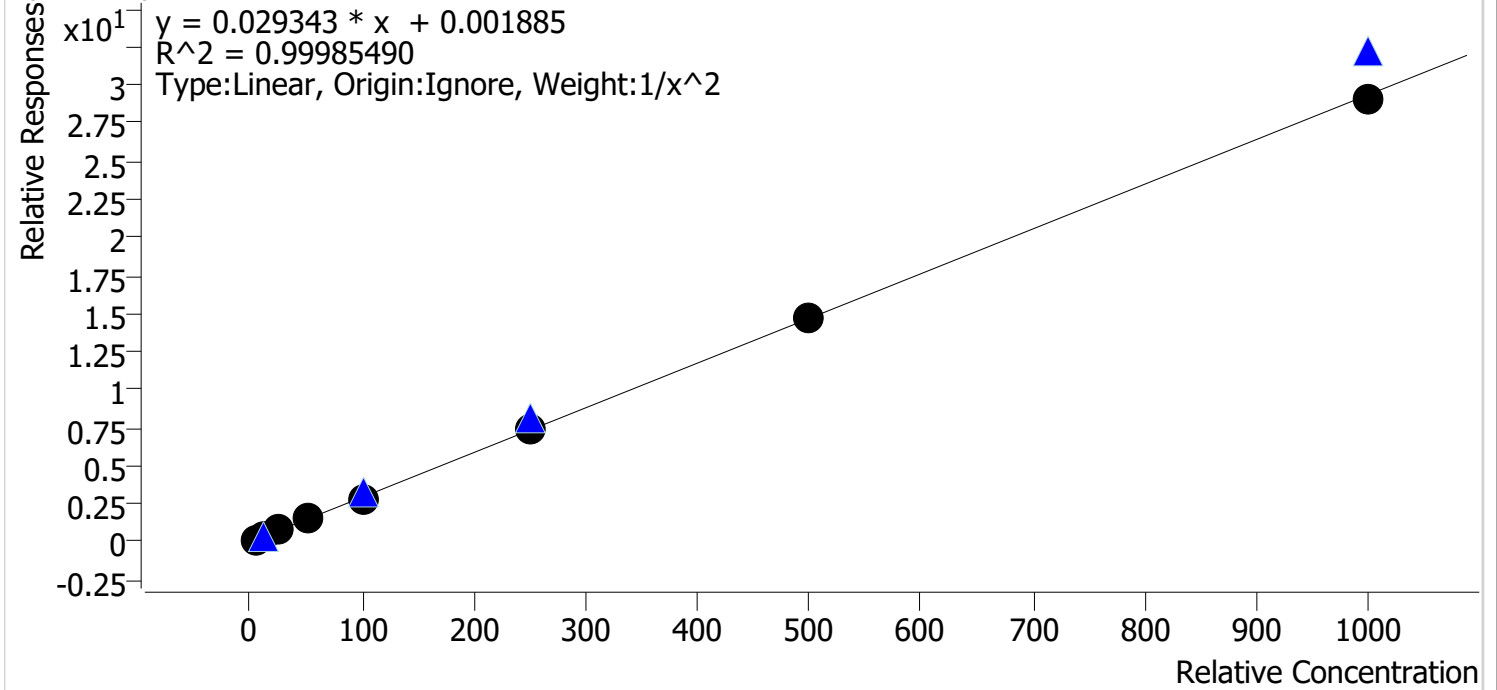
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	25.6	102.4
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	254.3	101.7
cal 7 mdq	7	✓	500.0	501.0	100.2
cal 8 mdq	8	✓	1000.0	932.2	93.2

Compound Calibration Report



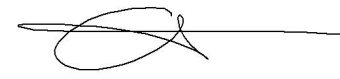
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



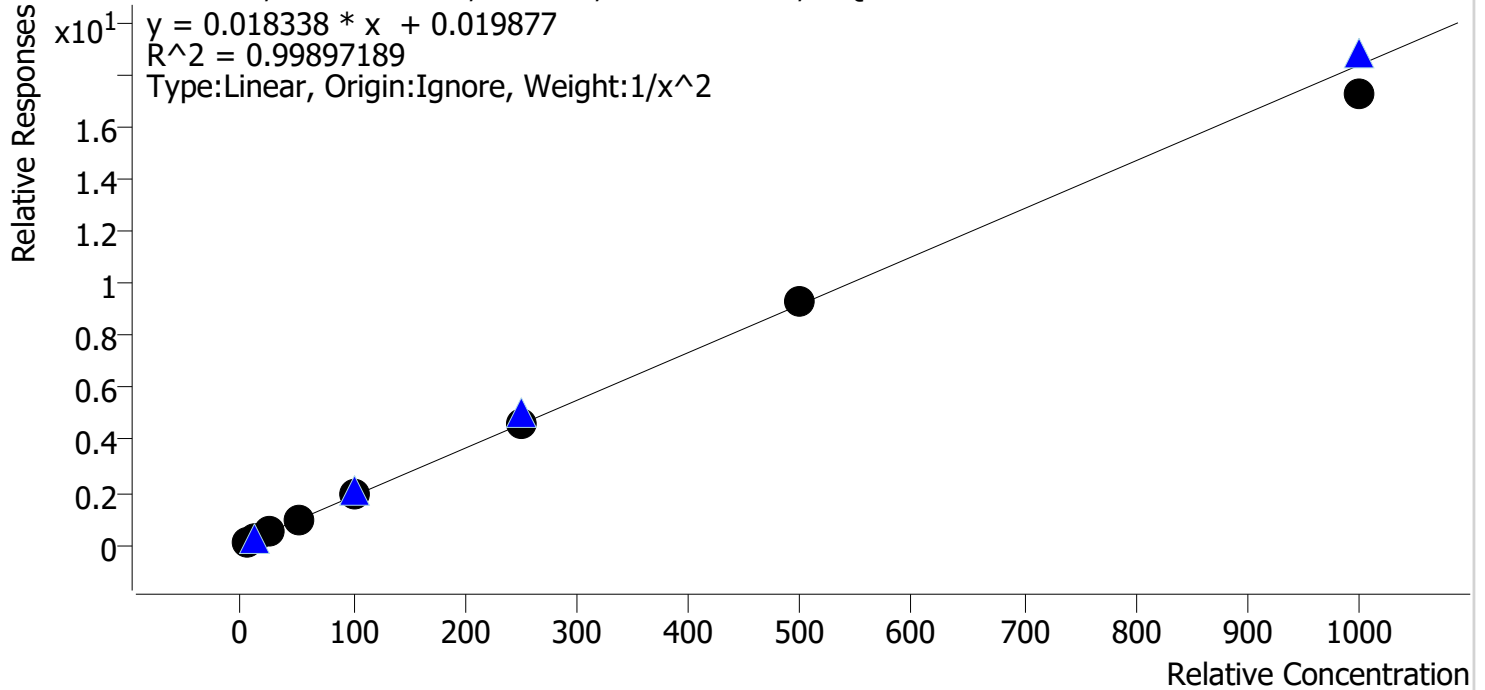
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	504.0	100.8
cal 8 mdq	8	✓	1000.0	990.7	99.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 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	4.9	98.4
cal 2 mdq	2	✓	10.0	10.3	102.5
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	50.8	101.5
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	252.3	100.9
cal 7 mdq	7	✓	500.0	507.7	101.5
cal 8 mdq	8	✓	1000.0	937.7	93.8

Compound Calibration Report

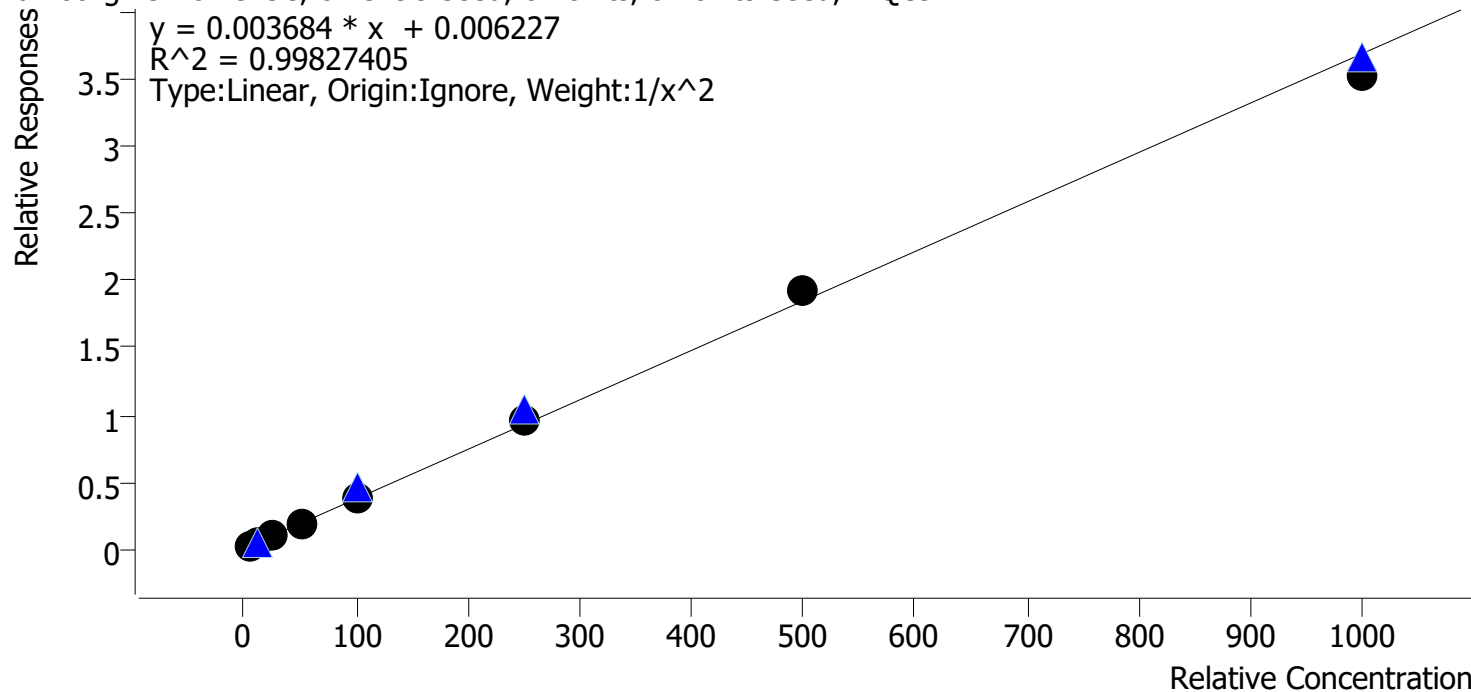


Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Lamotrigine

Internal Standard

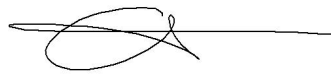
Temazepam-D5

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

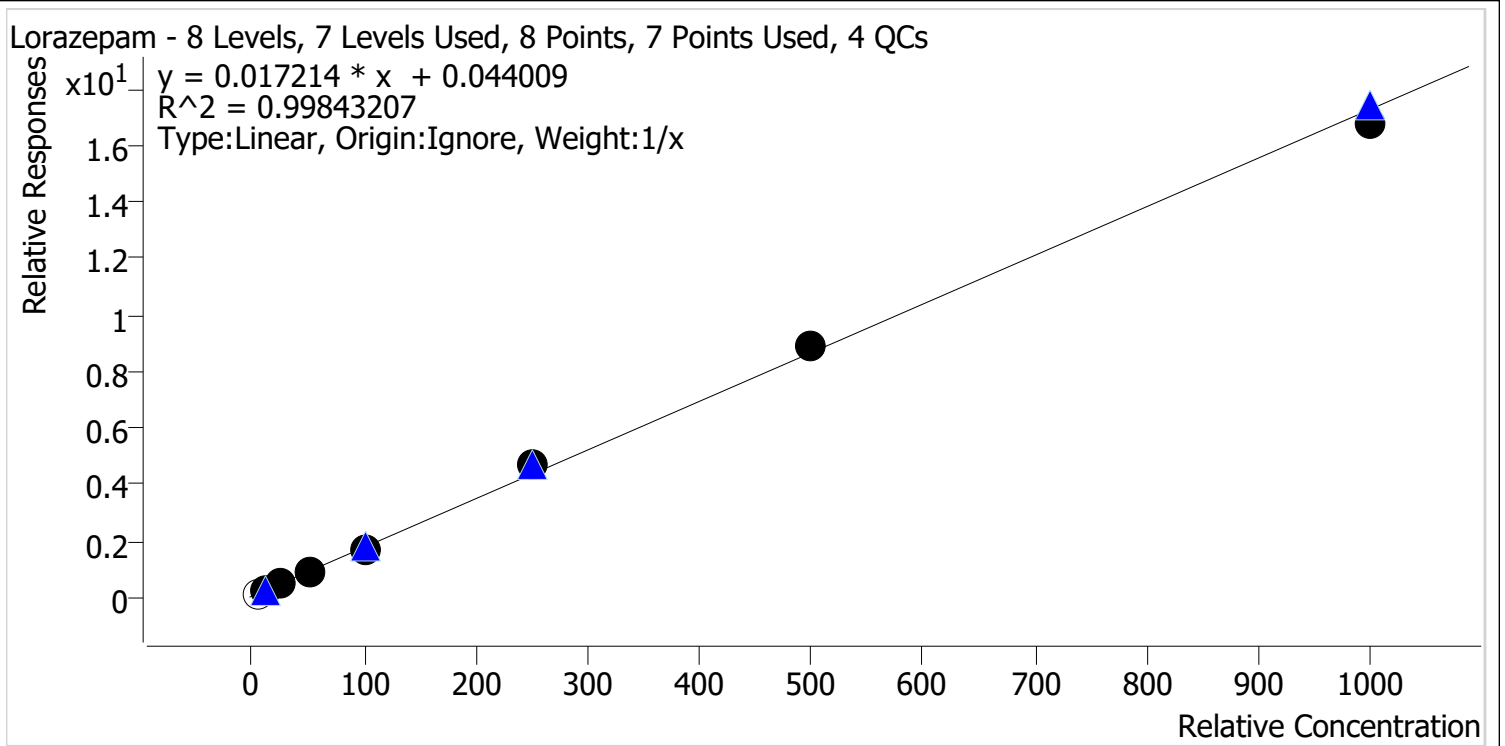


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.7	97.3
cal 3 mdq	3	✓	25.0	23.6	94.6
cal 4 mdq	4	✓	50.0	50.9	101.9
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdq	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	518.0	103.6
cal 8 mdq	8	✓	1000.0	955.2	95.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



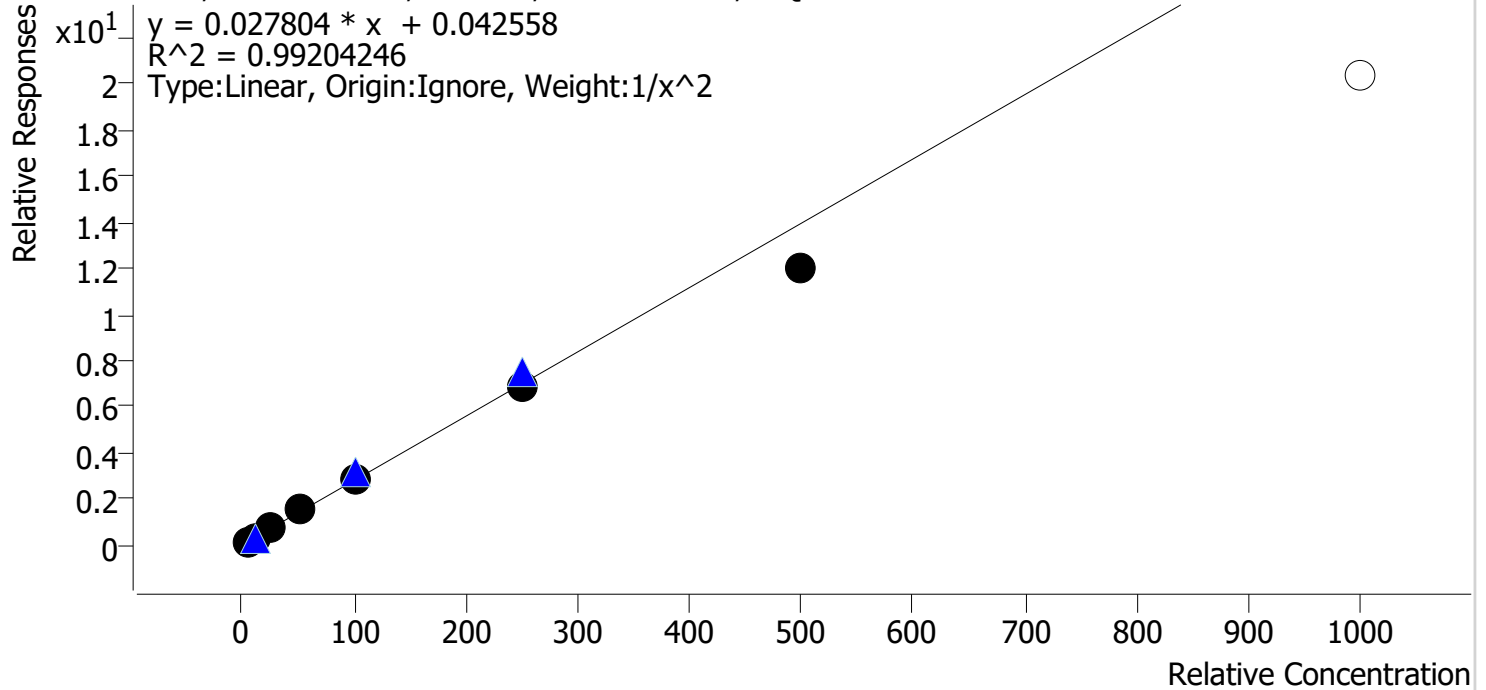
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	x	5.0	4.6	91.1
cal 2 mdq	2	✓	10.0	10.5	105.0
cal 3 mdq	3	✓	25.0	22.7	90.7
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	267.4	107.0
cal 7 mdq	7	✓	500.0	513.6	102.7
cal 8 mdq	8	✓	1000.0	973.5	97.4

cal 1 dropped due to poor peak shape.

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	95.2
cal 2 mdq	2	✓	10.0	10.6	105.9
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	53.1	106.2
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	245.1	98.0
cal 7 mdq	7	✓	500.0	429.6	85.9
cal 8 mdq	8	✗	1000.0	729.6	73.0

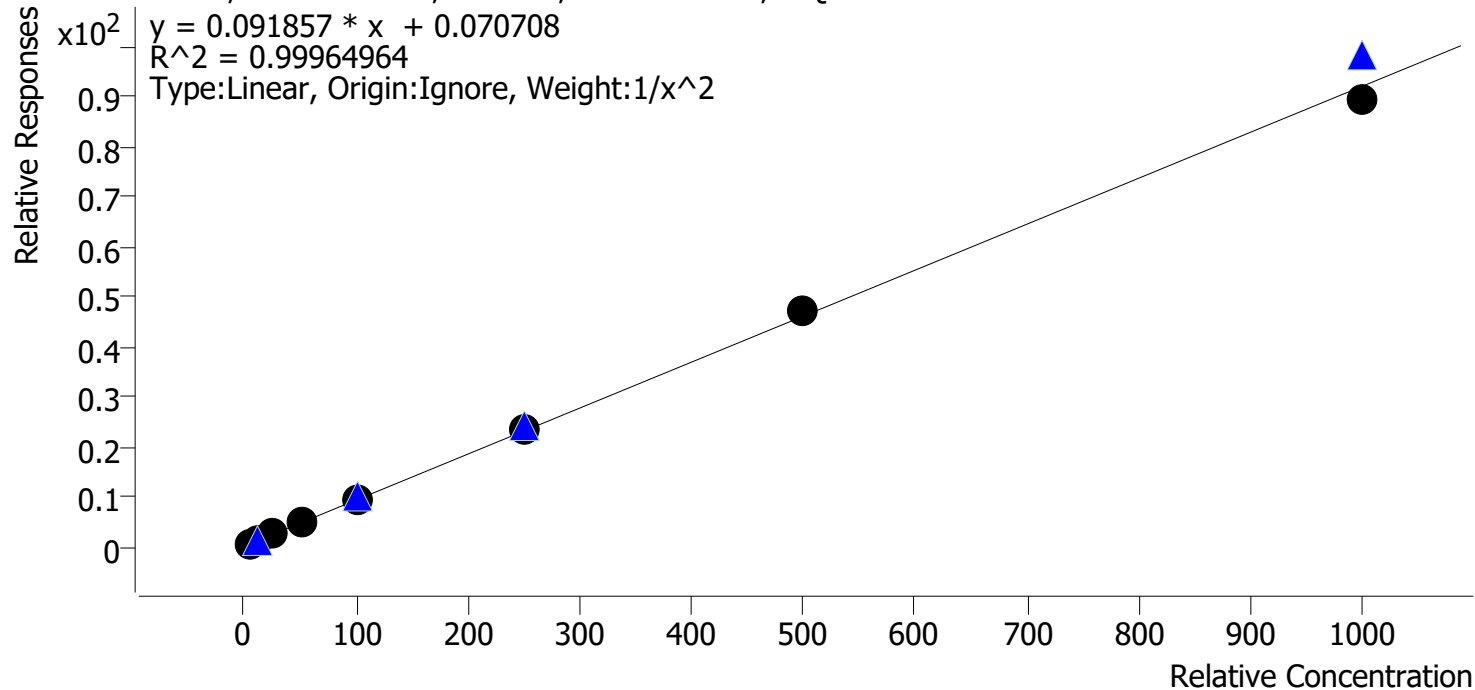
cal 8 dropped due to accuracy out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



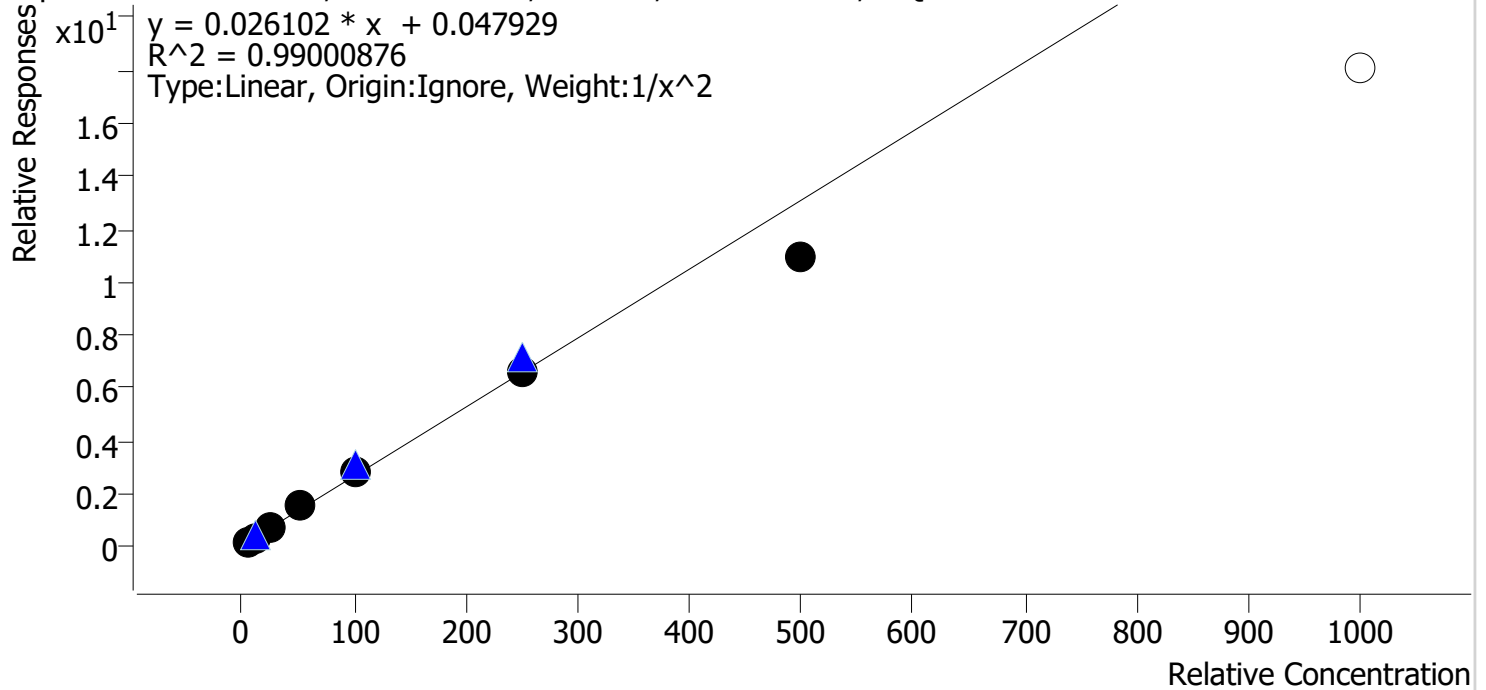
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	49.8	99.7
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	253.6	101.4
cal 7 mdq	7	✓	500.0	510.1	102.0
cal 8 mdq	8	✓	1000.0	968.8	96.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

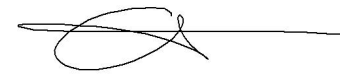
Meprobamate - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	55.9	111.8
cal 5 mdq	5	✓	100.0	104.6	104.6
cal 6 mdq	6	✓	250.0	249.9	100.0
cal 7 mdq	7	✓	500.0	418.3	83.7
cal 8 mdq	8	✗	1000.0	692.8	69.3

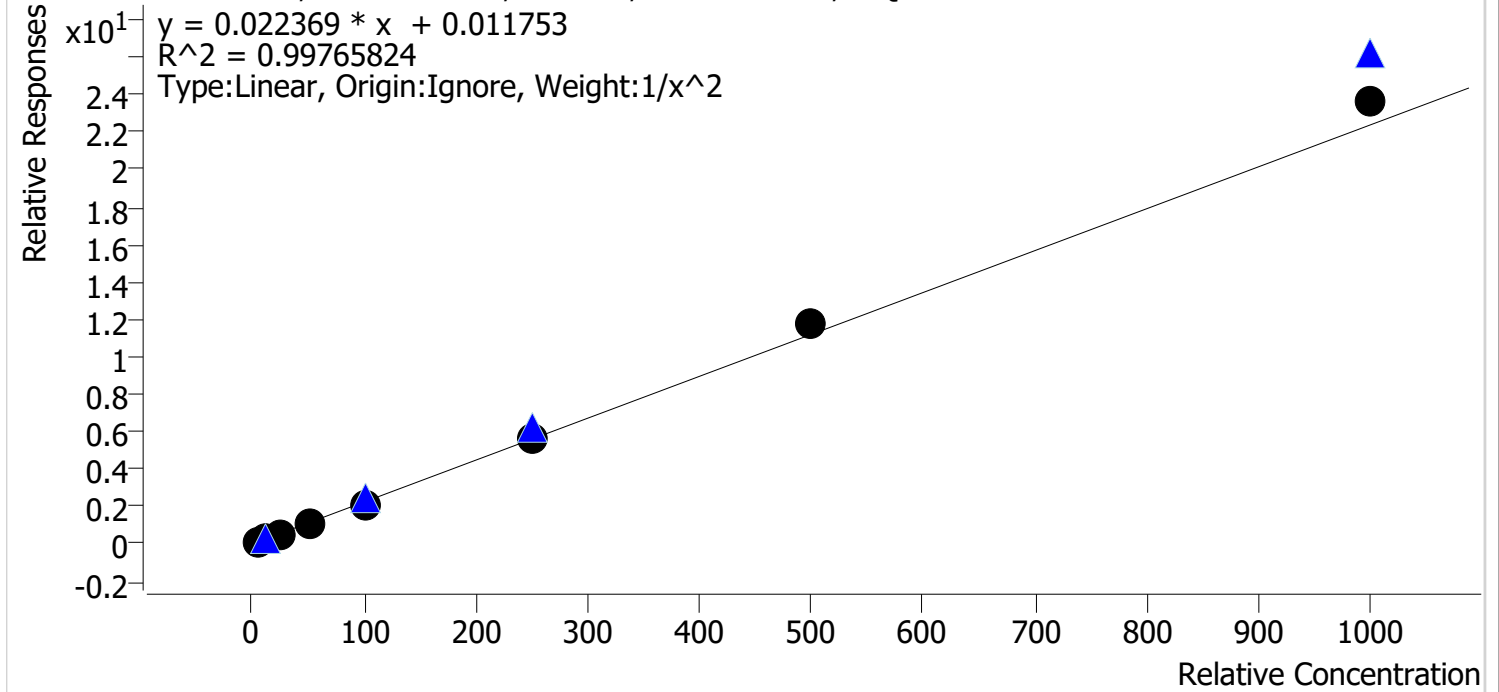
cal 8 dropped due to accuracy out of range.

Compound Calibration Report



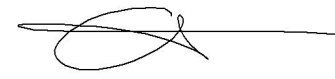
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



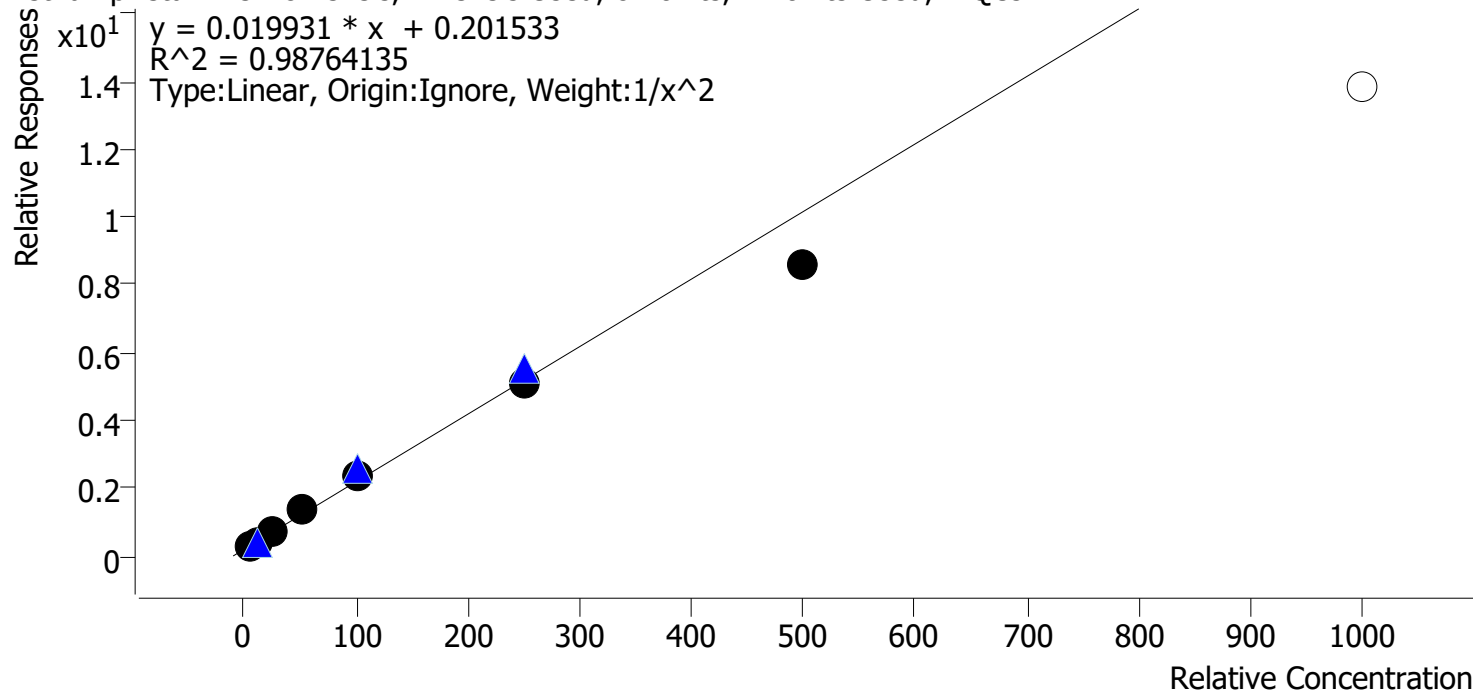
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	23.7	94.8
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	96.2	96.2
cal 6 mdq	6	✓	250.0	250.6	100.3
cal 7 mdq	7	✓	500.0	526.2	105.2
cal 8 mdq	8	✓	1000.0	1054.6	105.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

Methamphetamine - 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	102.1
cal 2 mdq	2	✓	10.0	9.2	91.9
cal 3 mdq	3	✓	25.0	25.5	102.1
cal 4 mdq	4	✓	50.0	56.5	113.0
cal 5 mdq	5	✓	100.0	107.7	107.7
cal 6 mdq	6	✓	250.0	246.0	98.4
cal 7 mdq	7	✓	500.0	423.9	84.8
cal 8 mdq	8	✗	1000.0	686.3	68.6

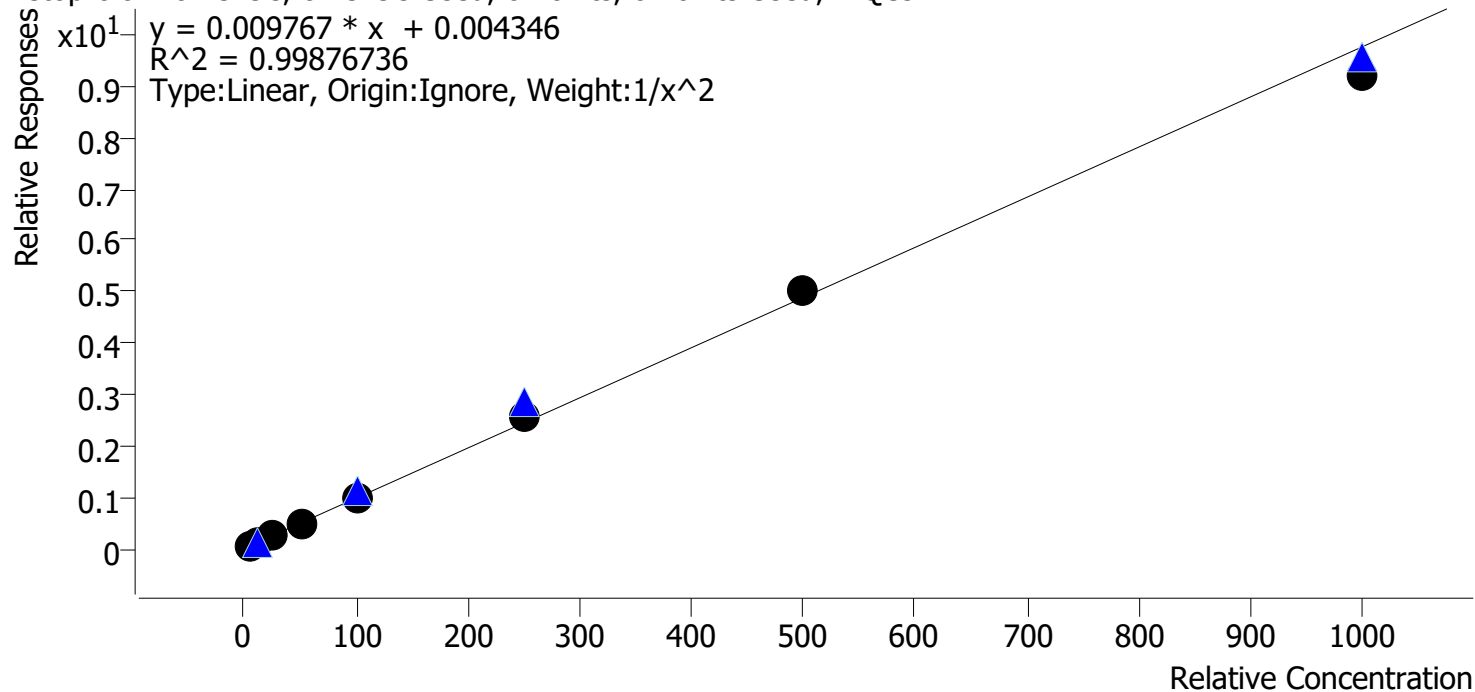
cal 8 dropped due to accuracy out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



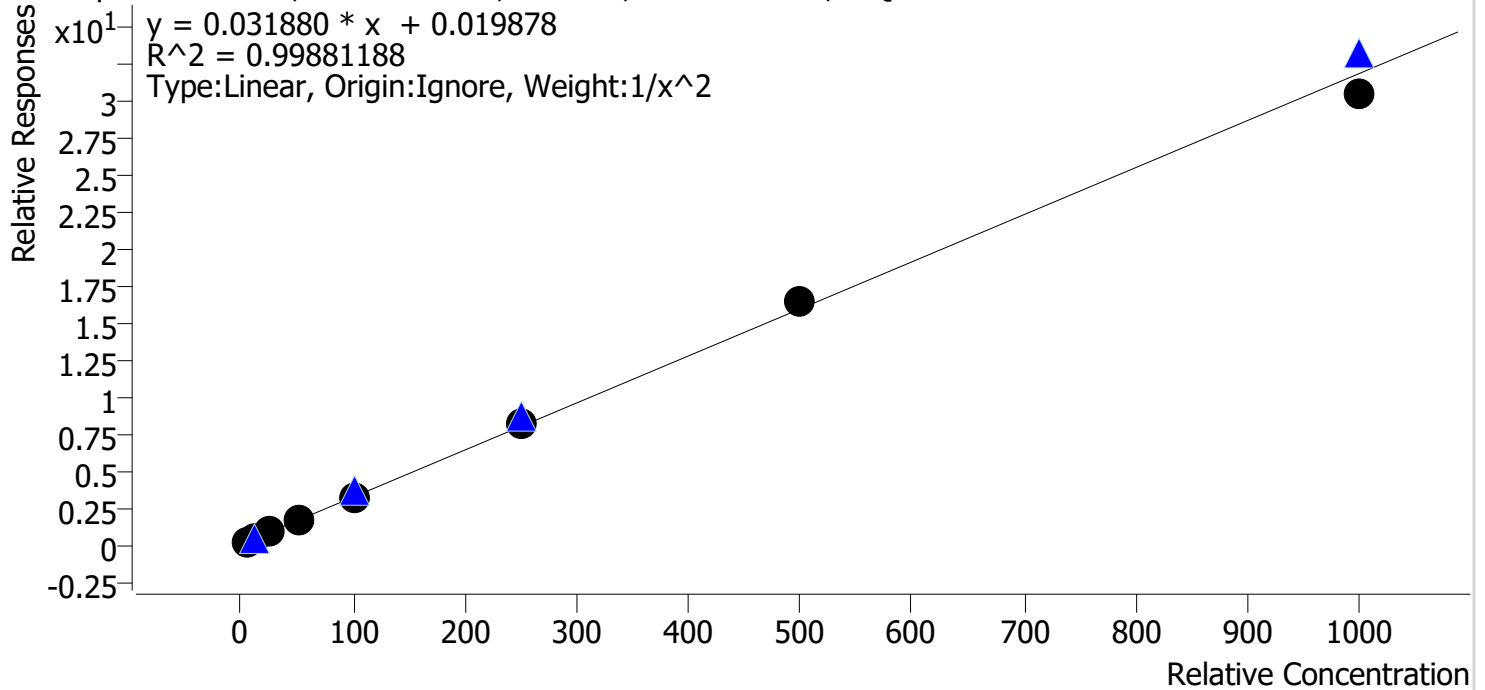
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	49.9	99.7
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	260.9	104.3
cal 7 mdq	7	✓	500.0	511.2	102.2
cal 8 mdq	8	✓	1000.0	942.9	94.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



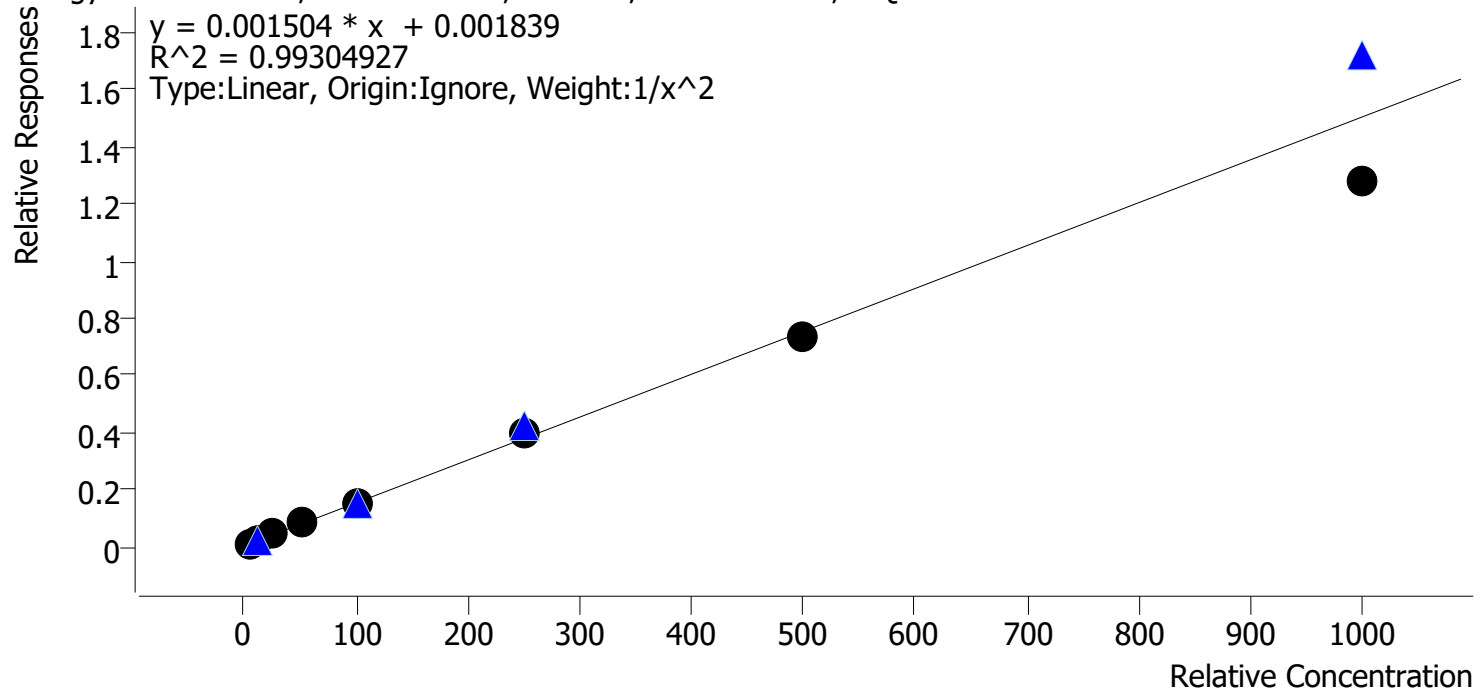
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	259.2	103.7
cal 7 mdq	7	✓	500.0	514.3	102.9
cal 8 mdq	8	✓	1000.0	953.5	95.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

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



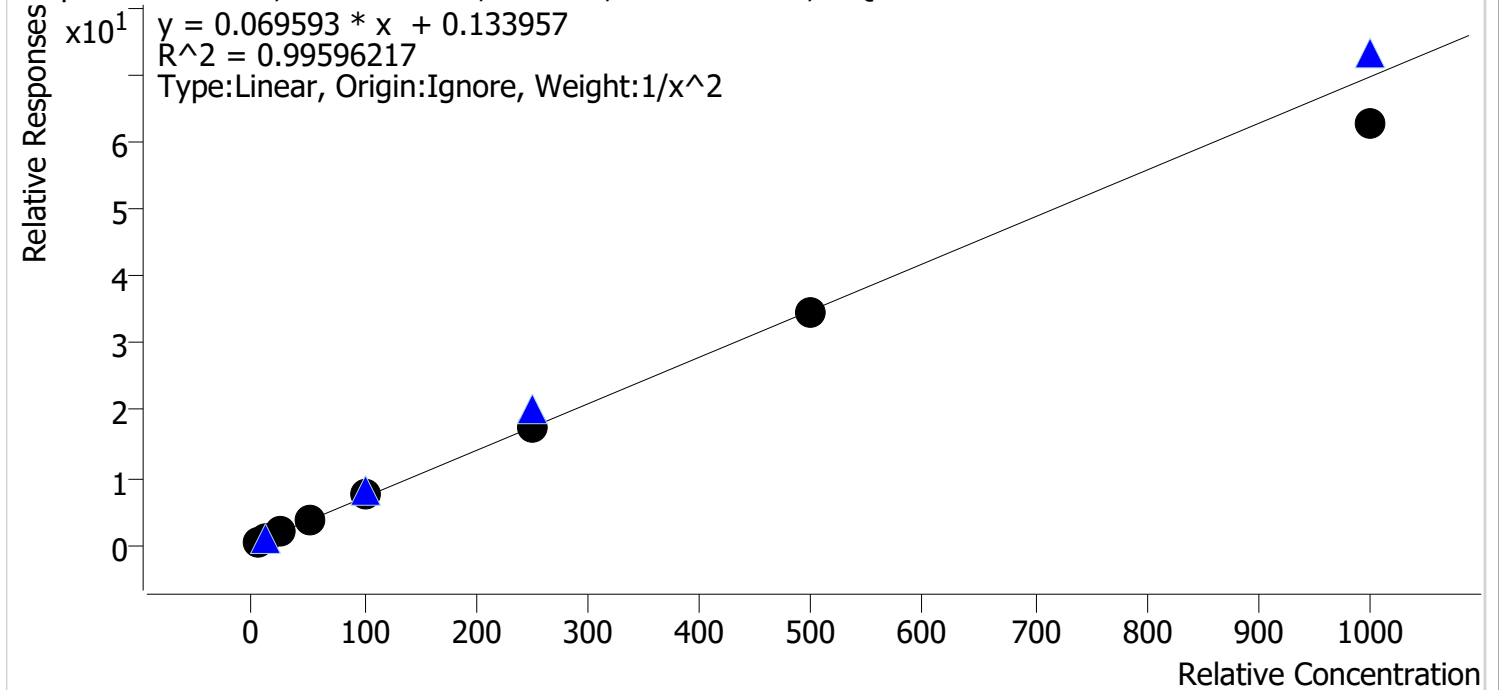
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	95.2
cal 2 mdq	2	✓	10.0	10.6	105.7
cal 3 mdq	3	✓	25.0	26.9	107.6
cal 4 mdq	4	✓	50.0	52.2	104.5
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	258.4	103.4
cal 7 mdq	7	✓	500.0	489.4	97.9
cal 8 mdq	8	✓	1000.0	851.9	85.2

Compound Calibration Report



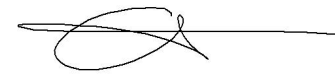
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



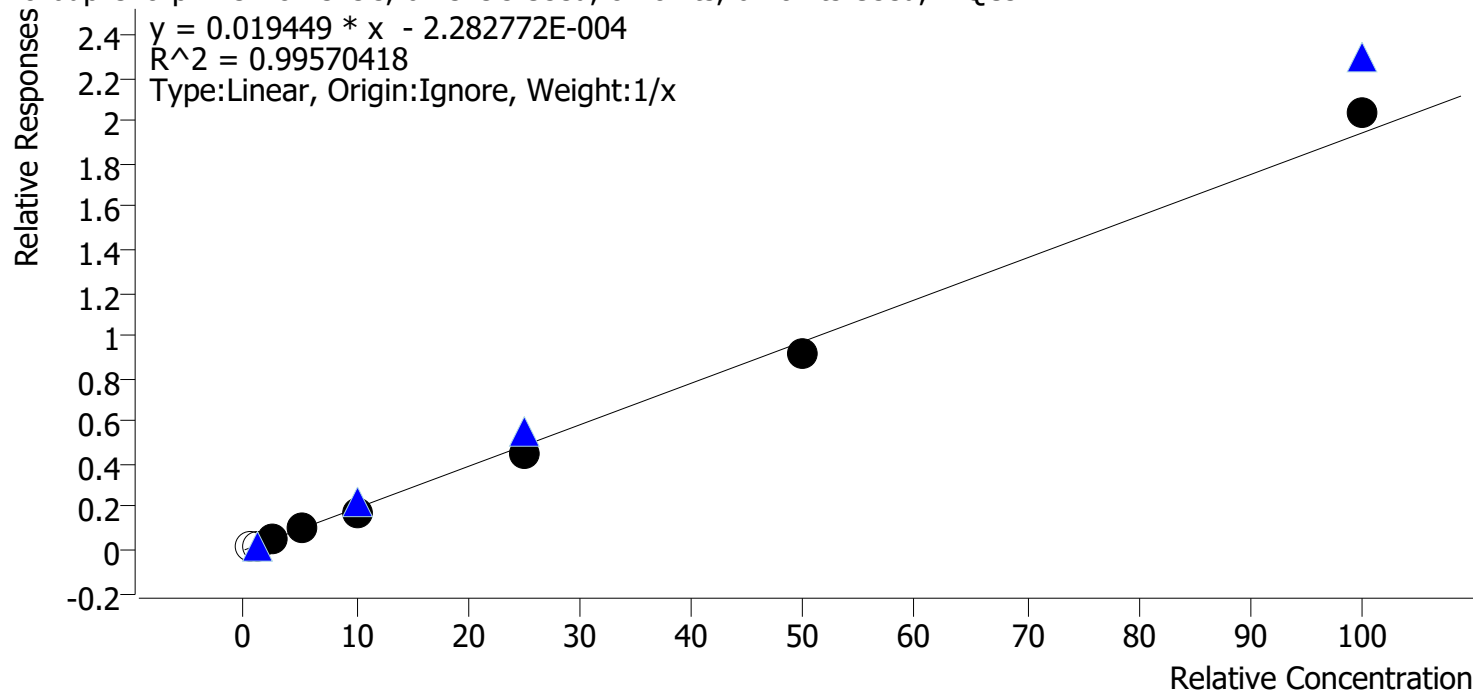
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.5	94.6
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	52.9	105.7
cal 5 mdq	5	✓	100.0	106.9	106.9
cal 6 mdq	6	✓	250.0	252.6	101.0
cal 7 mdq	7	✓	500.0	496.5	99.3
cal 8 mdq	8	✓	1000.0	900.4	90.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

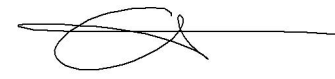
Norbuprenorphine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	x	0.5	1.1	211.9
cal 2 mdq	2	x	1.0	1.0	101.7
cal 3 mdq	3	✓	2.5	2.8	112.7
cal 4 mdq	4	✓	5.0	5.1	102.7
cal 5 mdq	5	✓	10.0	9.2	92.0
cal 6 mdq	6	✓	25.0	23.4	93.6
cal 7 mdq	7	✓	50.0	47.0	94.1
cal 8 mdq	8	✓	100.0	104.9	104.9

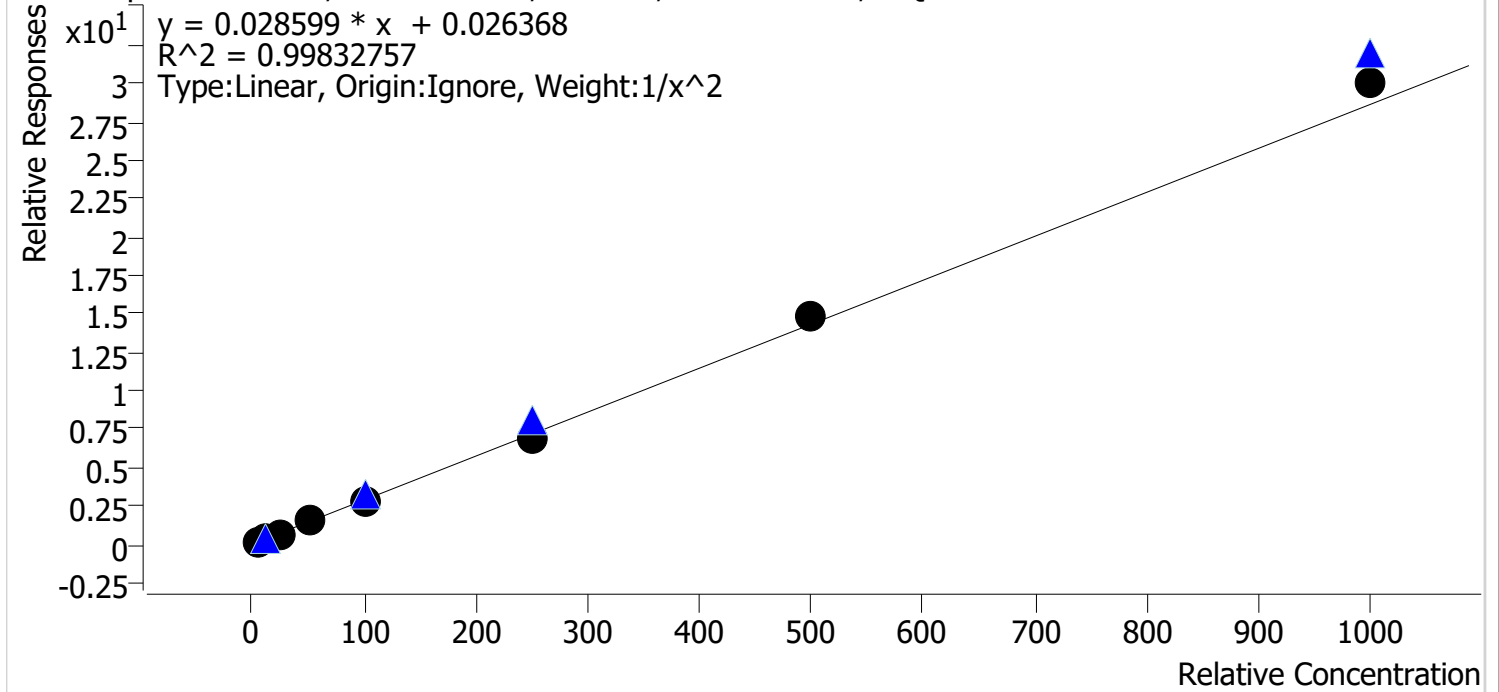
Cal 1 and 2 dropped due to the ratio for 1ng control being out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



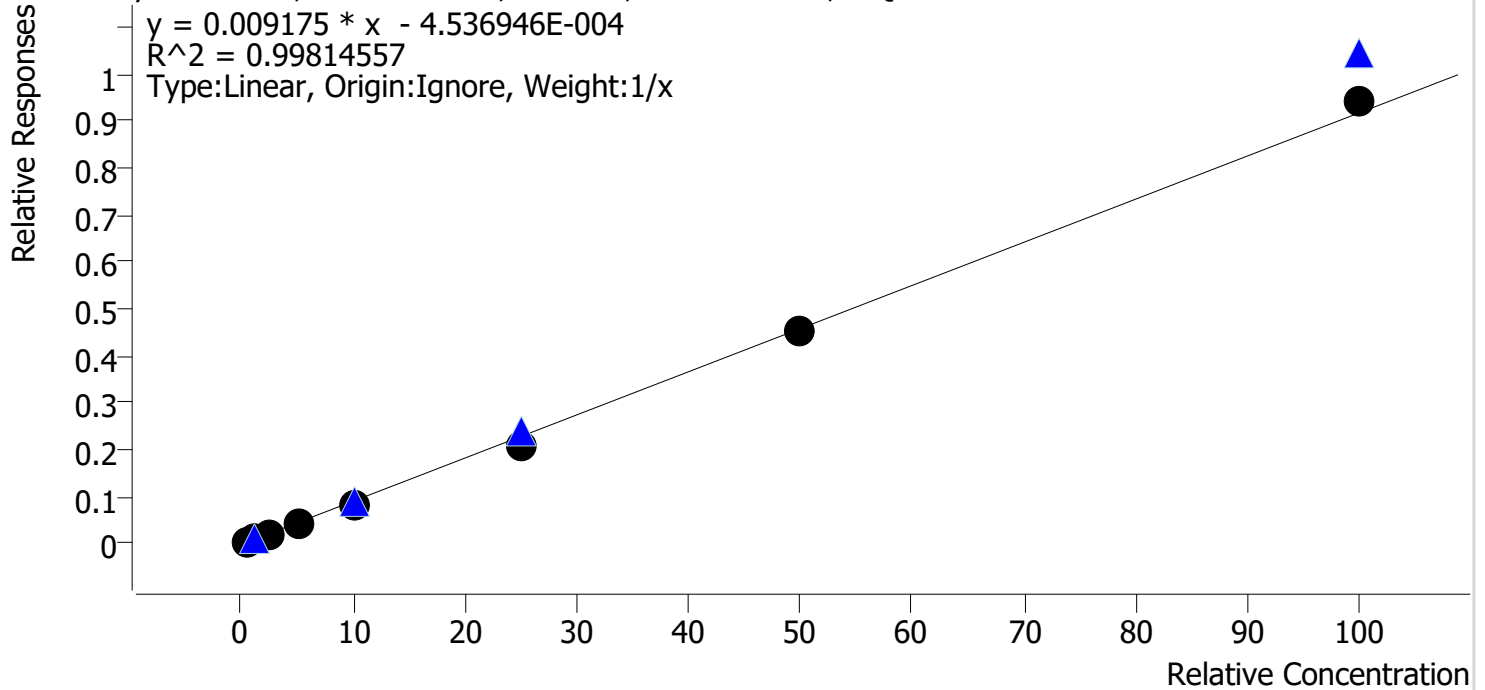
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.7	96.9
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	51.0	102.1
cal 5 mdq	5	✓	100.0	95.0	95.0
cal 6 mdq	6	✓	250.0	243.8	97.5
cal 7 mdq	7	✓	500.0	518.8	103.8
cal 8 mdq	8	✓	1000.0	1046.9	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



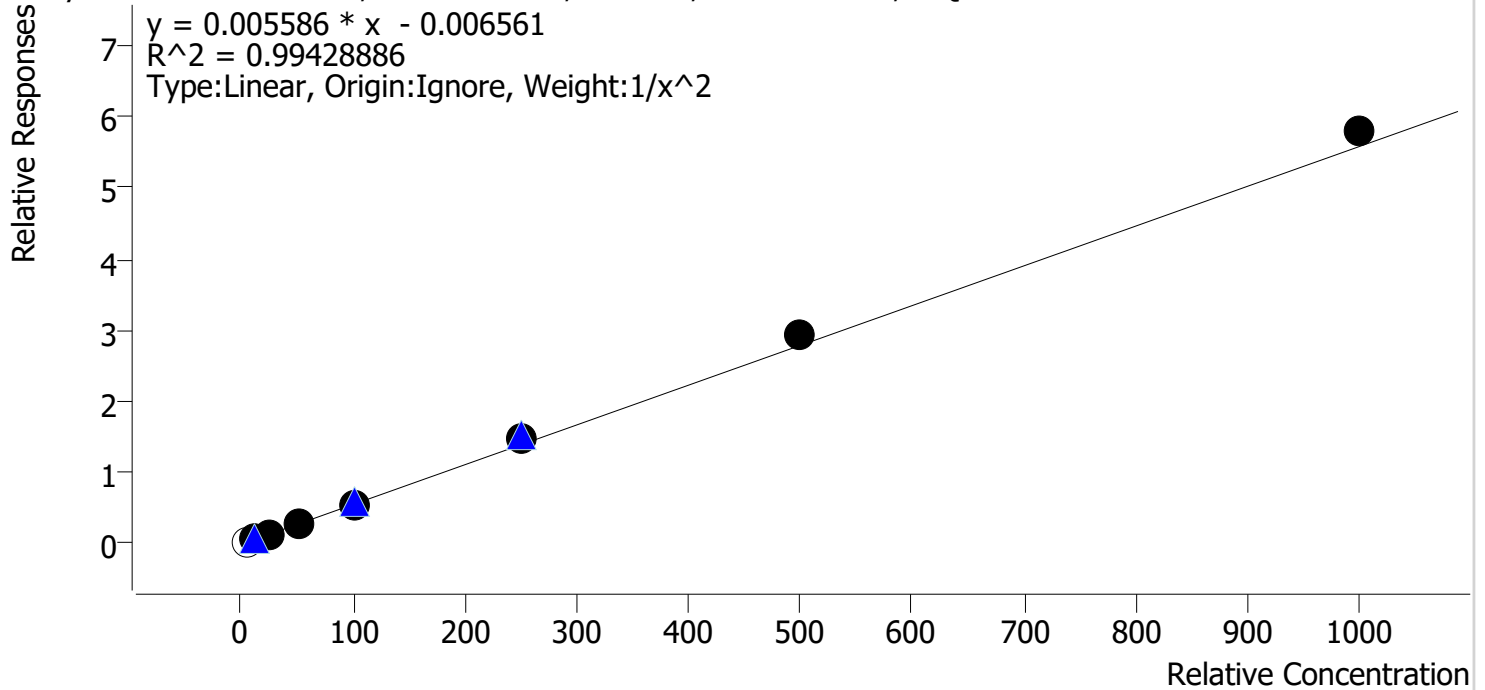
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	0.5	0.6	121.6
cal 2 mdq	2	✓	1.0	1.0	102.4
cal 3 mdq	3	✓	2.5	2.4	94.2
cal 4 mdq	4	✓	5.0	4.7	94.1
cal 5 mdq	5	✓	10.0	9.2	92.1
cal 6 mdq	6	✓	25.0	23.2	92.9
cal 7 mdq	7	✓	50.0	49.9	99.7
cal 8 mdq	8	✓	100.0	103.0	103.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

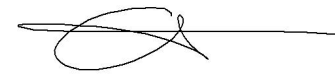
Norhydrocodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	x	5.0	6.3	126.4
cal 2 mdq	2	✓	10.0	10.5	105.3
cal 3 mdq	3	✓	25.0	22.1	88.5
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	95.1	95.1
cal 6 mdq	6	✓	250.0	262.1	104.8
cal 7 mdq	7	✓	500.0	524.7	104.9
cal 8 mdq	8	✓	1000.0	1039.6	104.0

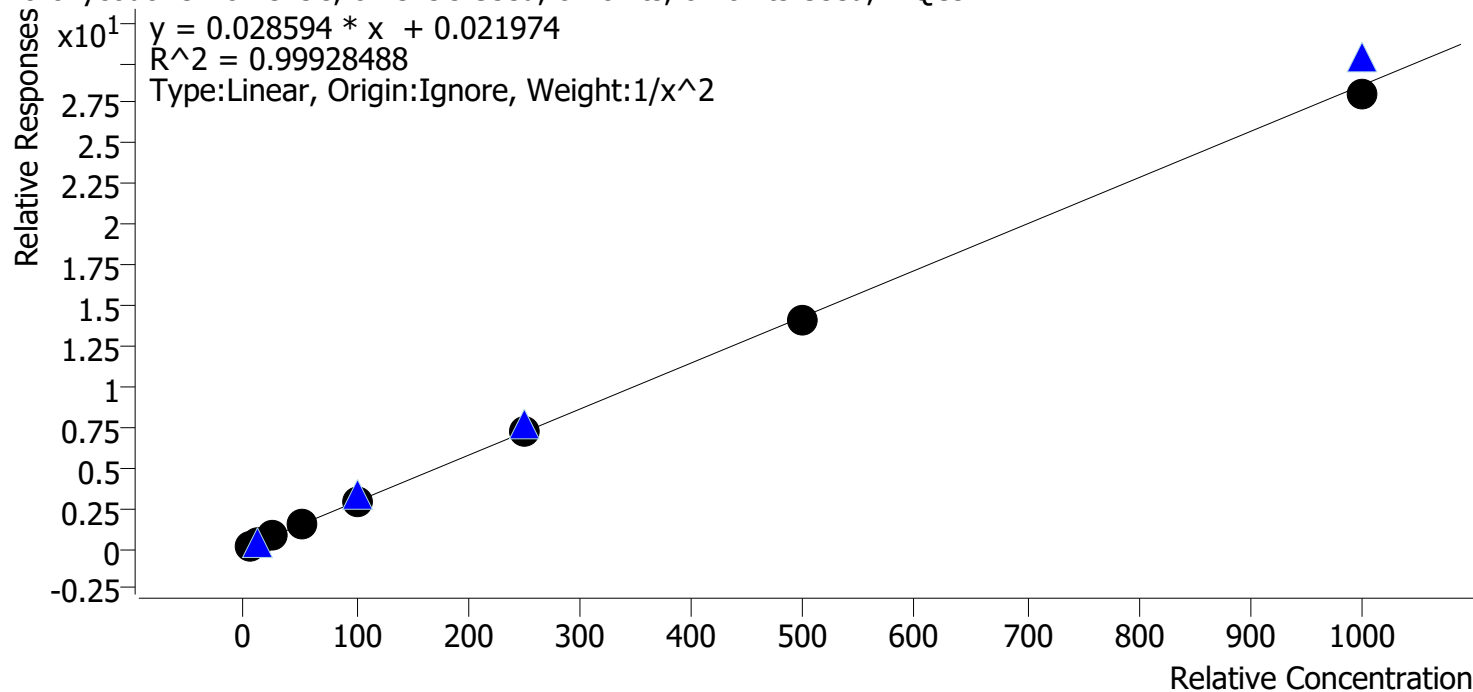
cal 1 dropped due ratio being out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

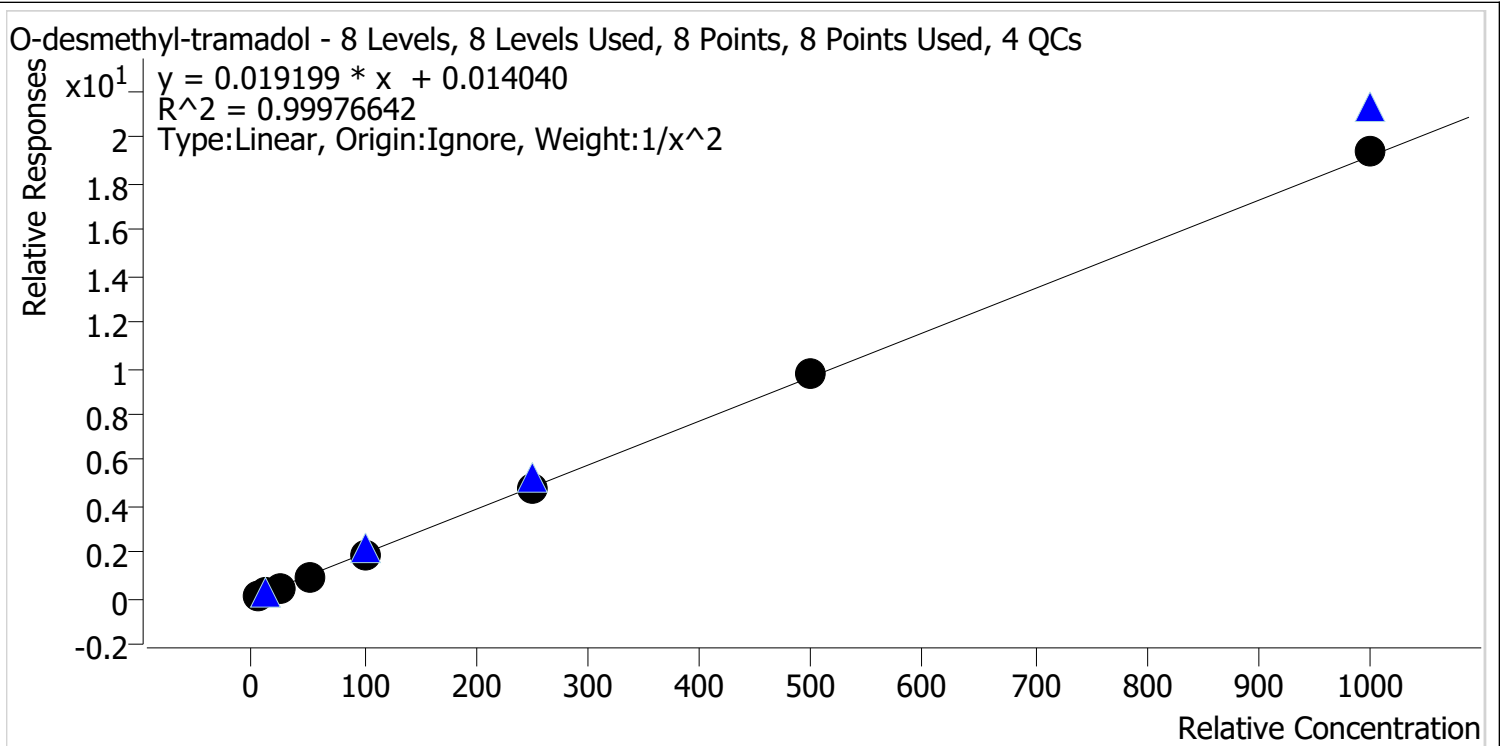


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	492.4	98.5
cal 8 mdq	8	✓	1000.0	978.9	97.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



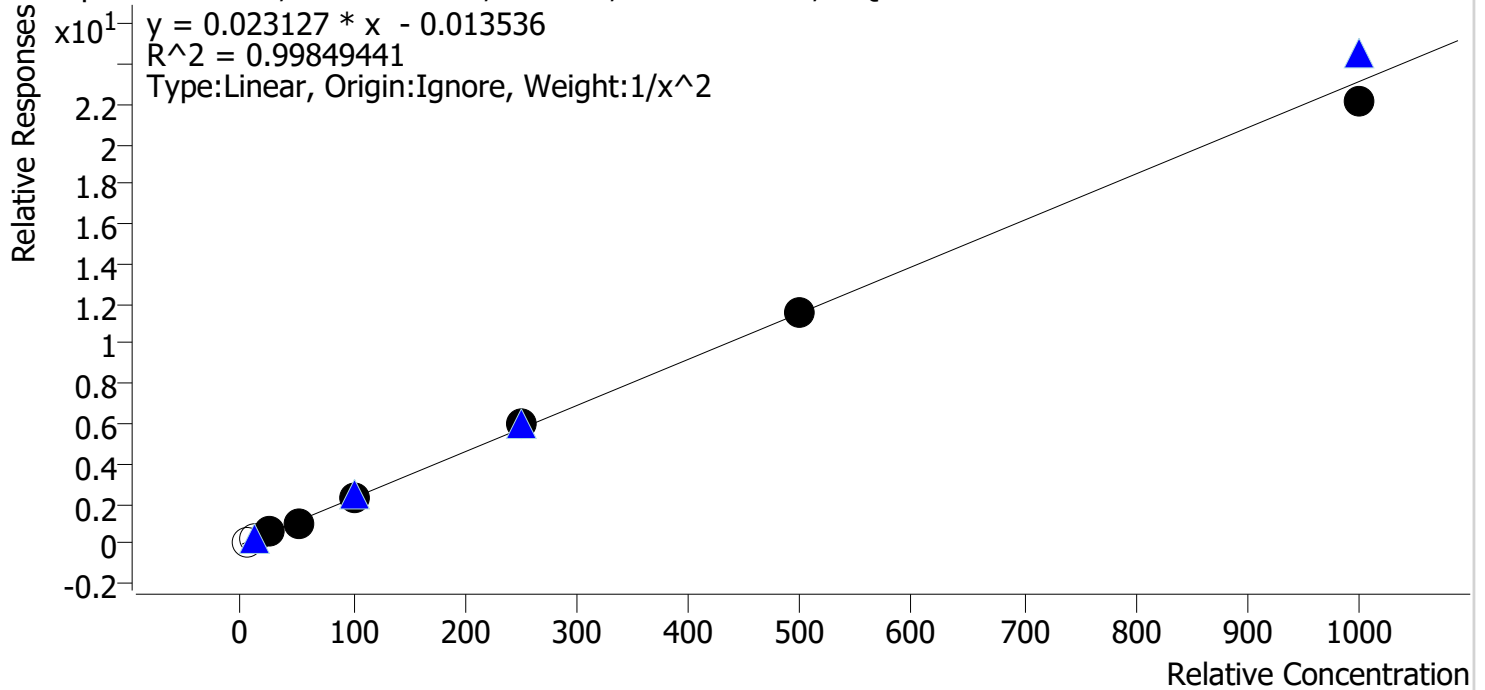
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	49.5	98.9
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	250.9	100.3
cal 7 mdq	7	✓	500.0	510.1	102.0
cal 8 mdq	8	✓	1000.0	1011.7	101.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

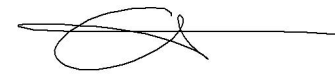
Oxazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	x	5.0	5.8	115.5
cal 2 mdq	2	x	10.0	13.2	132.0
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	48.2	96.5
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	260.1	104.0
cal 7 mdq	7	✓	500.0	504.9	101.0
cal 8 mdq	8	✓	1000.0	960.5	96.0

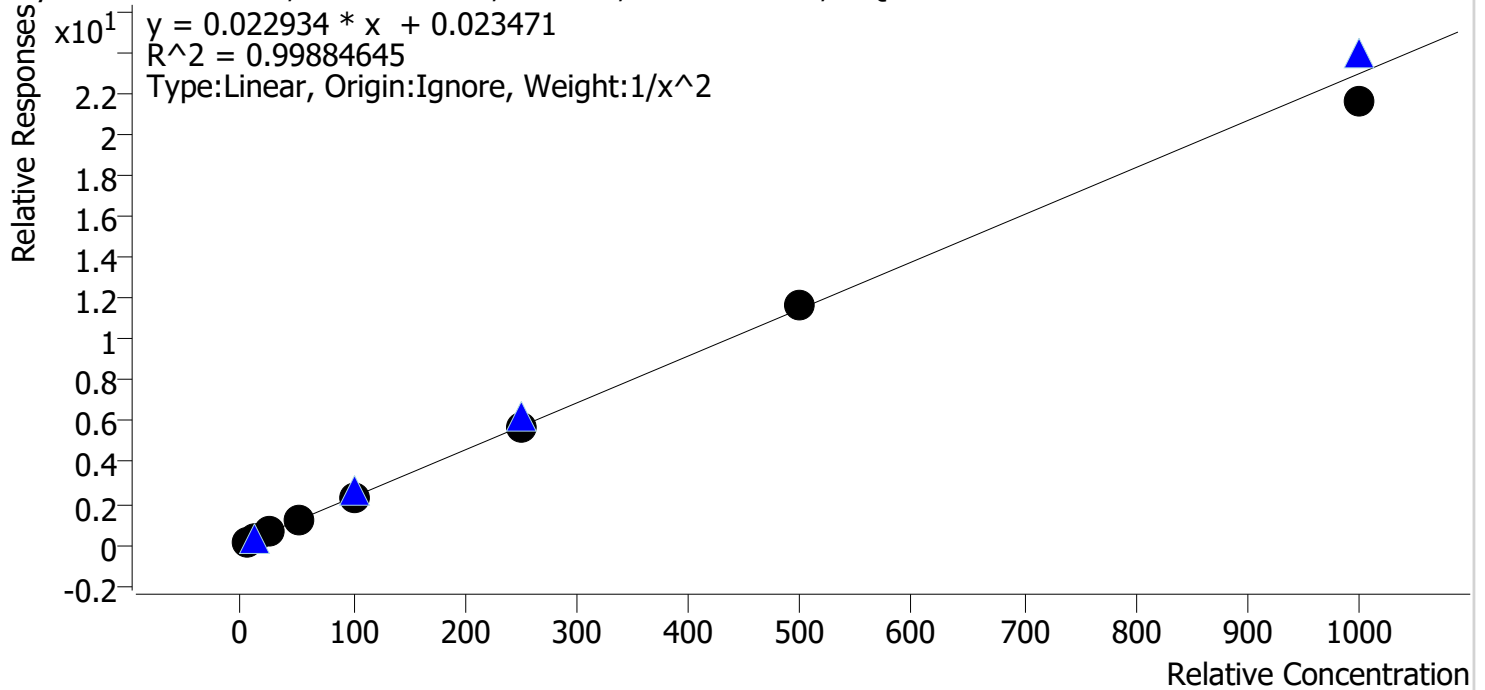
Cal 1 dropped due to ratio out of range, cal 2 dropped due to ratio on 10 ng control being out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



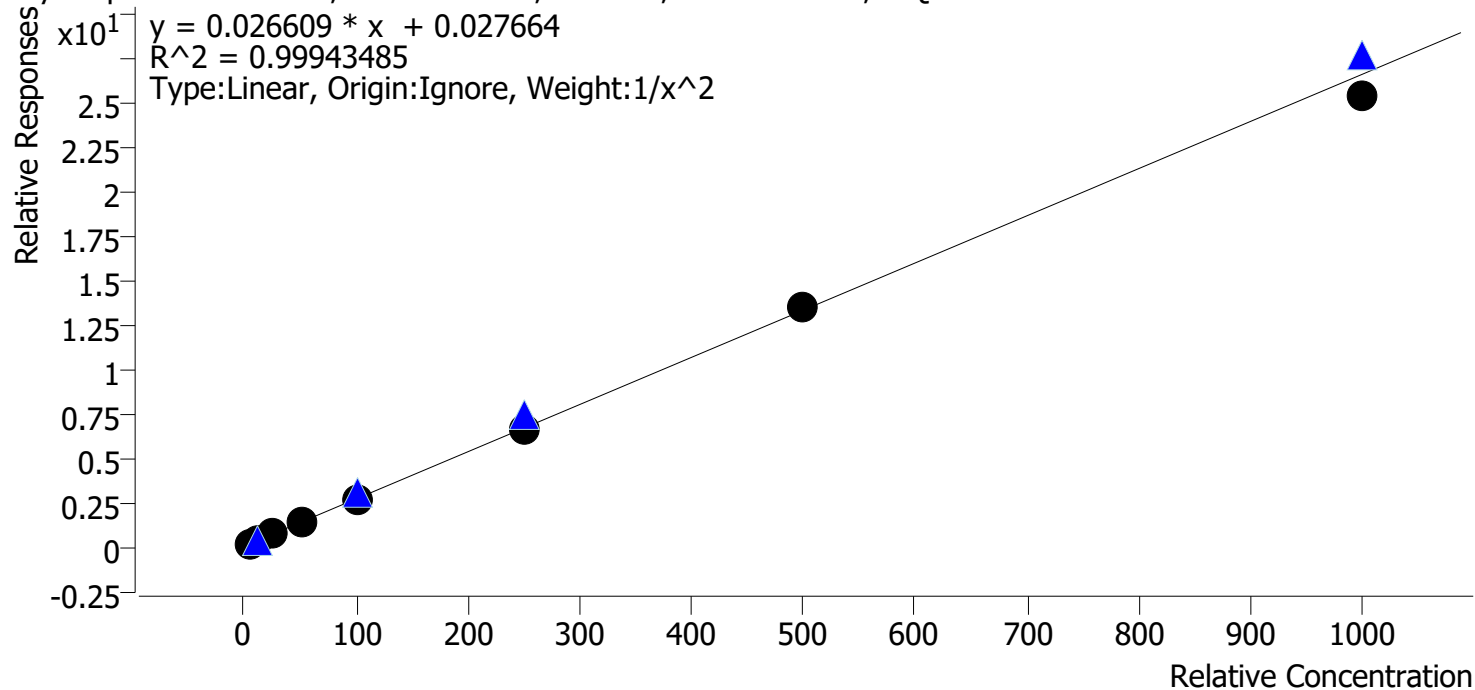
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	25.8	103.1
cal 4 mdq	4	✓	50.0	51.6	103.2
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	248.6	99.4
cal 7 mdq	7	✓	500.0	507.7	101.5
cal 8 mdq	8	✓	1000.0	940.6	94.1

Compound Calibration Report



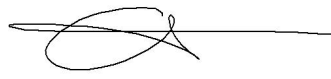
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



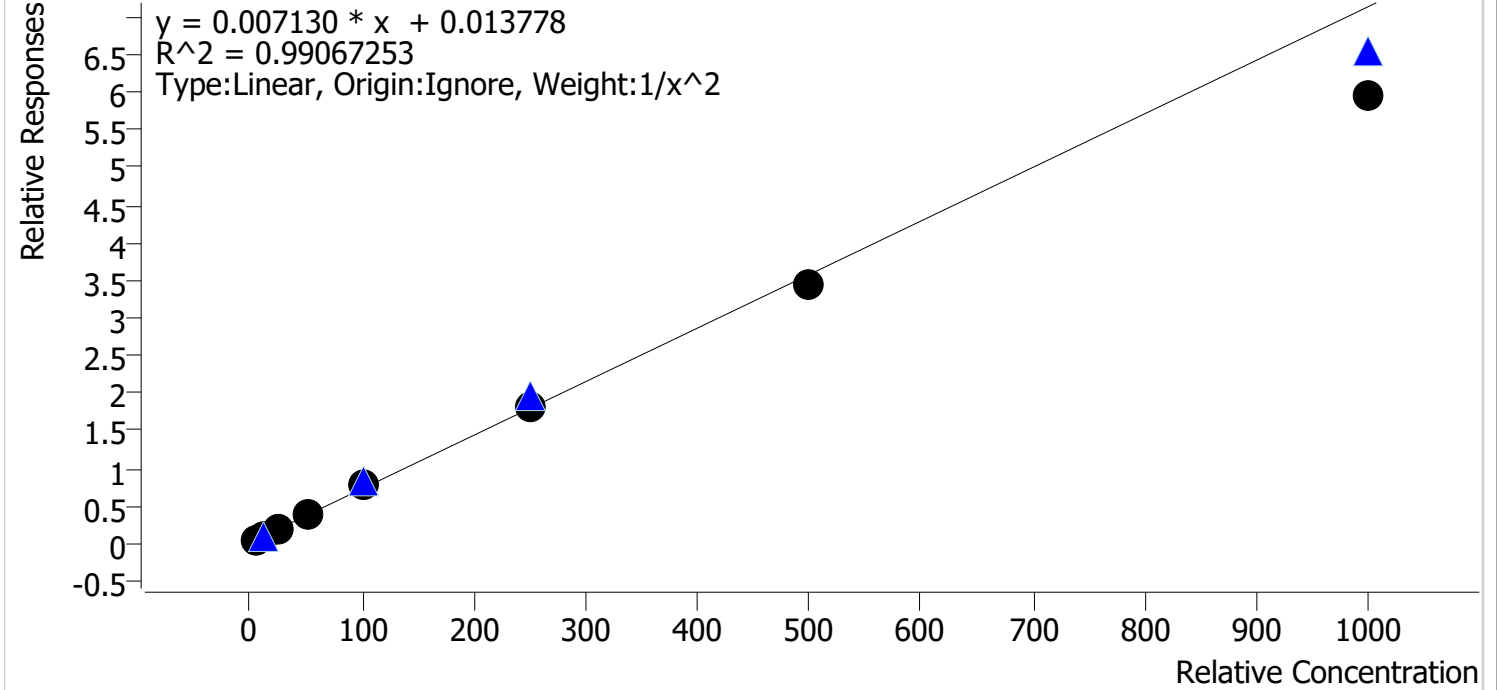
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	50.5	100.9
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	251.1	100.5
cal 7 mdq	7	✓	500.0	502.7	100.5
cal 8 mdq	8	✓	1000.0	952.8	95.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



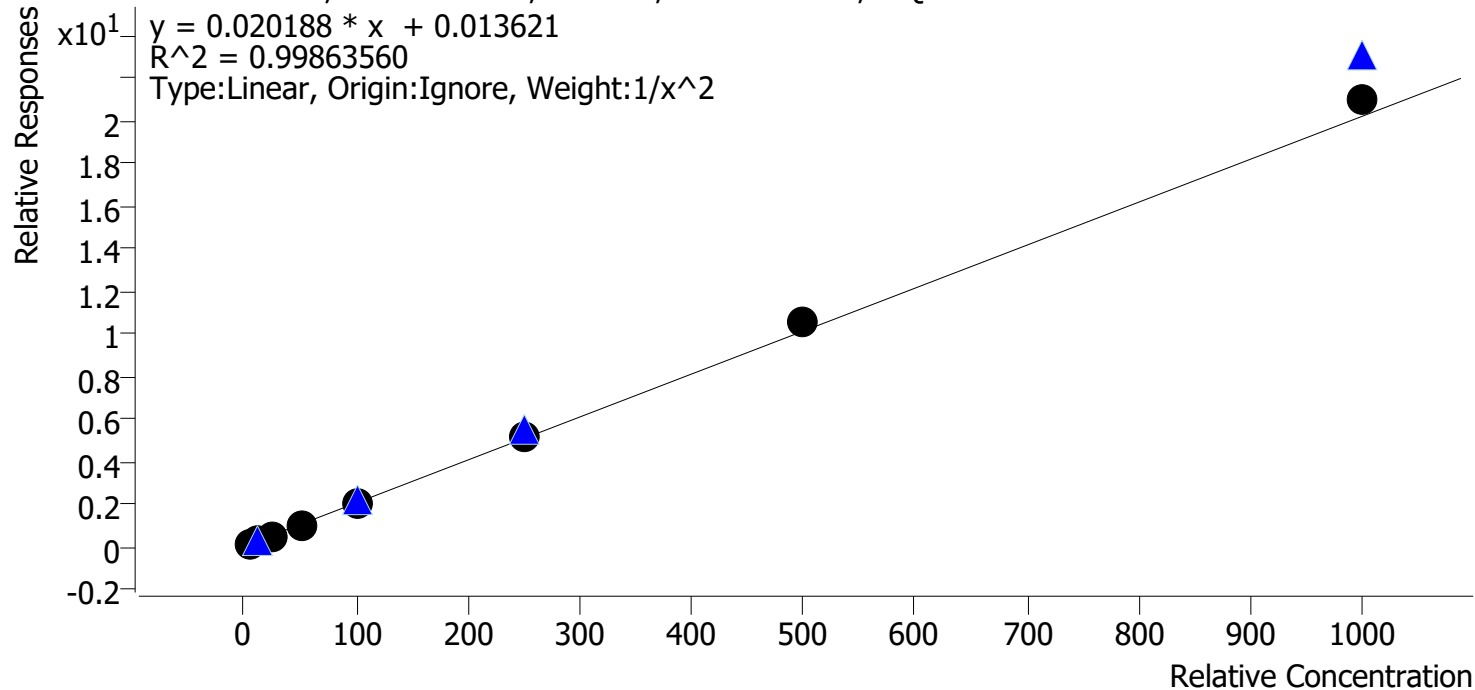
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	27.0	108.1
cal 4 mdq	4	✓	50.0	54.6	109.2
cal 5 mdq	5	✓	100.0	105.3	105.3
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	478.0	95.6
cal 8 mdq	8	✓	1000.0	831.1	83.1

Compound Calibration Report



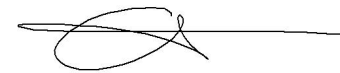
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



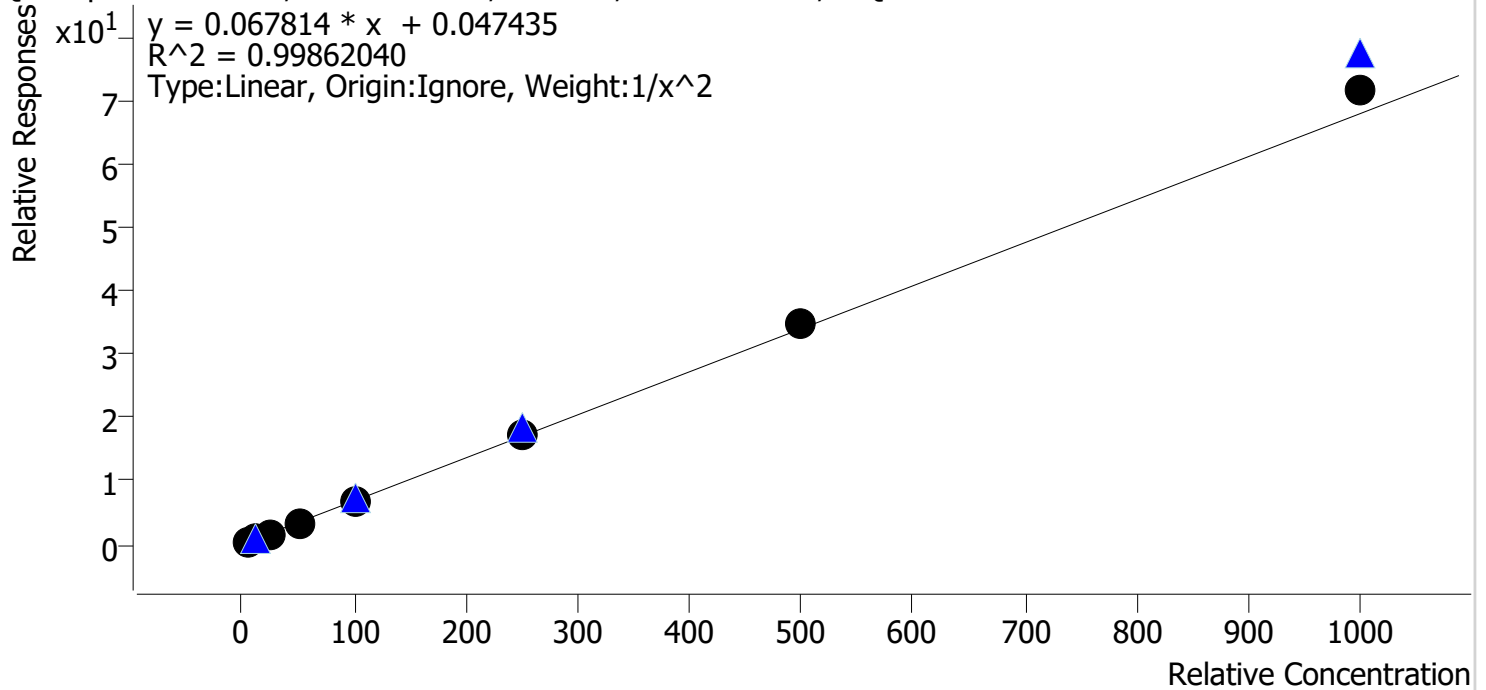
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	24.0	95.9
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	523.0	104.6
cal 8 mdq	8	✓	1000.0	1037.9	103.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



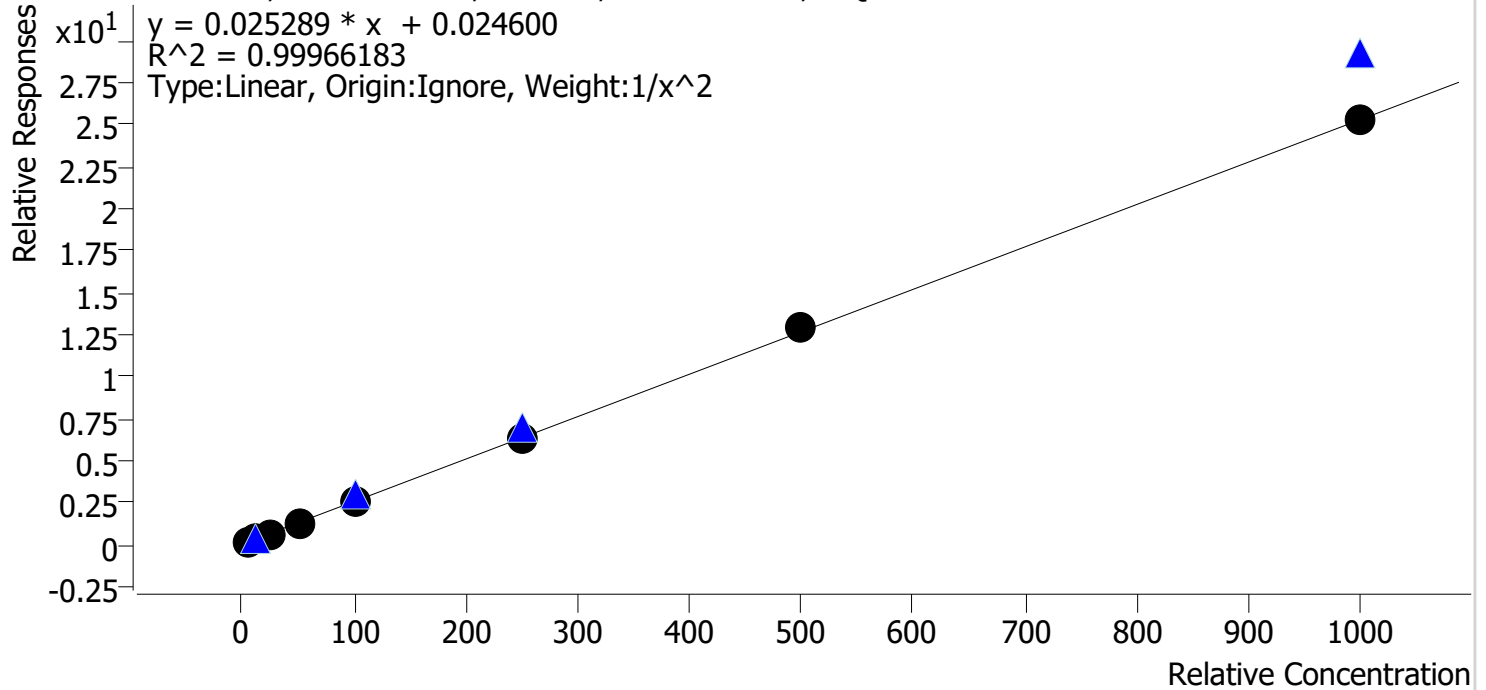
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	514.3	102.9
cal 8 mdq	8	✓	1000.0	1051.7	105.2

Compound Calibration Report



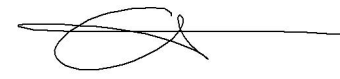
Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



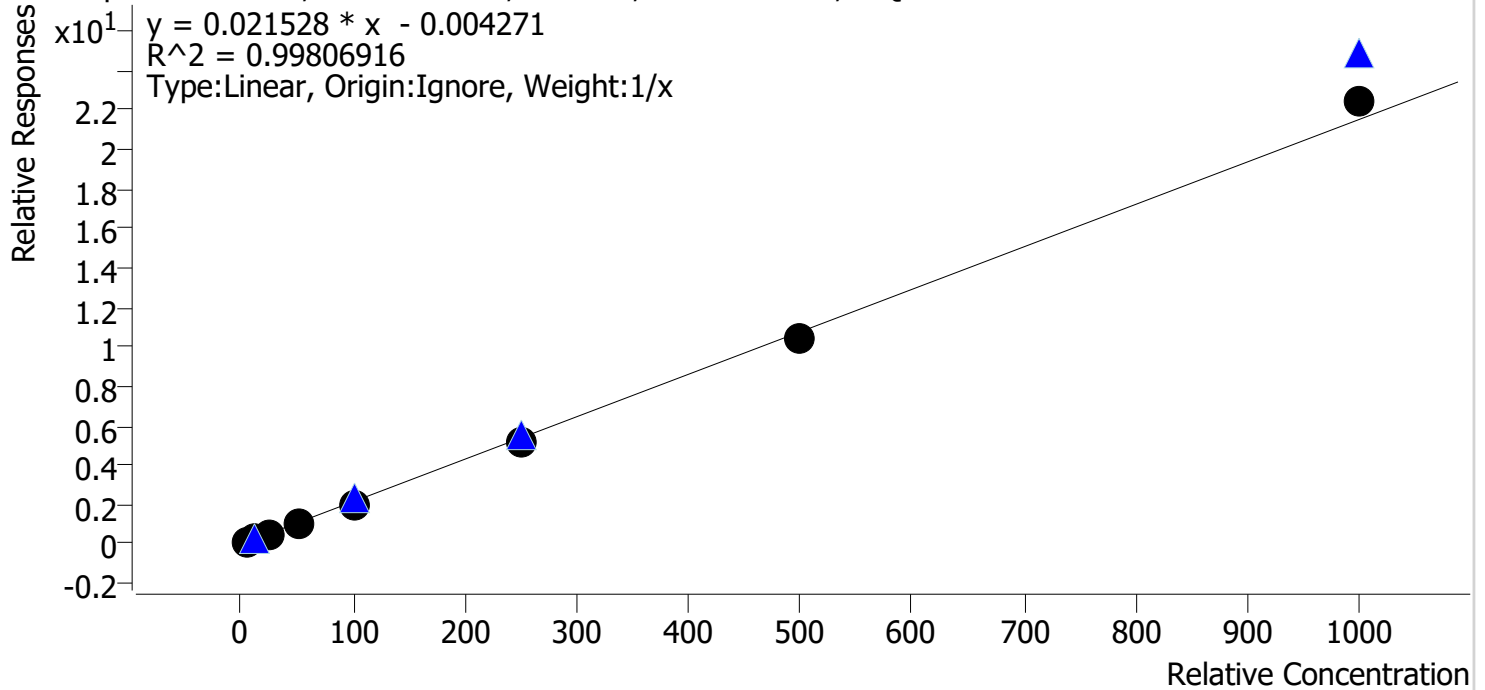
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	49.0	98.1
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	510.7	102.1
cal 8 mdq	8	✓	1000.0	1001.2	100.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

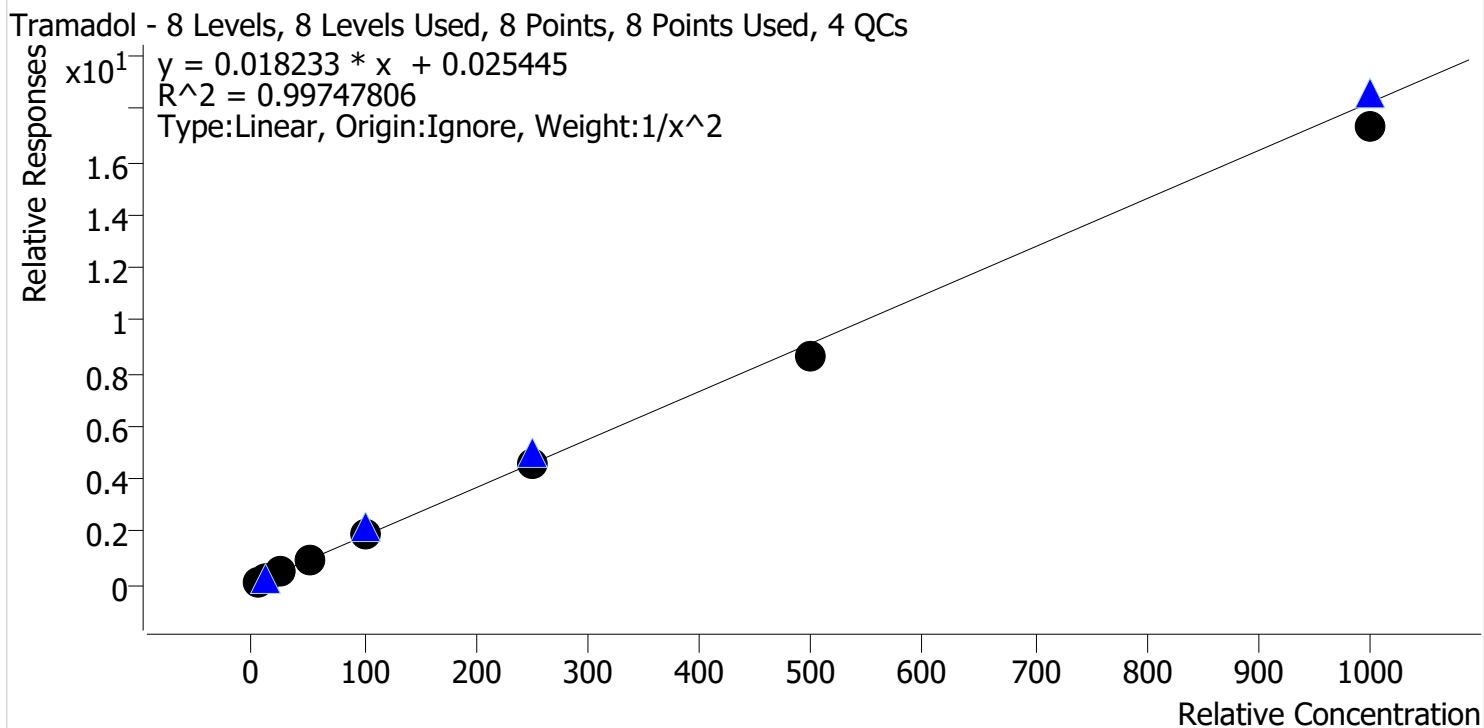


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.6	112.8
cal 2 mdq	2	✓	10.0	10.7	106.6
cal 3 mdq	3	✓	25.0	23.7	94.7
cal 4 mdq	4	✓	50.0	48.1	96.2
cal 5 mdq	5	✓	100.0	94.7	94.7
cal 6 mdq	6	✓	250.0	236.9	94.8
cal 7 mdq	7	✓	500.0	481.4	96.3
cal 8 mdq	8	✓	1000.0	1038.8	103.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	25.8	103.2
cal 4 mdq	4	✓	50.0	53.4	106.7
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	247.2	98.9
cal 7 mdq	7	✓	500.0	471.5	94.3
cal 8 mdq	8	✓	1000.0	946.9	94.7

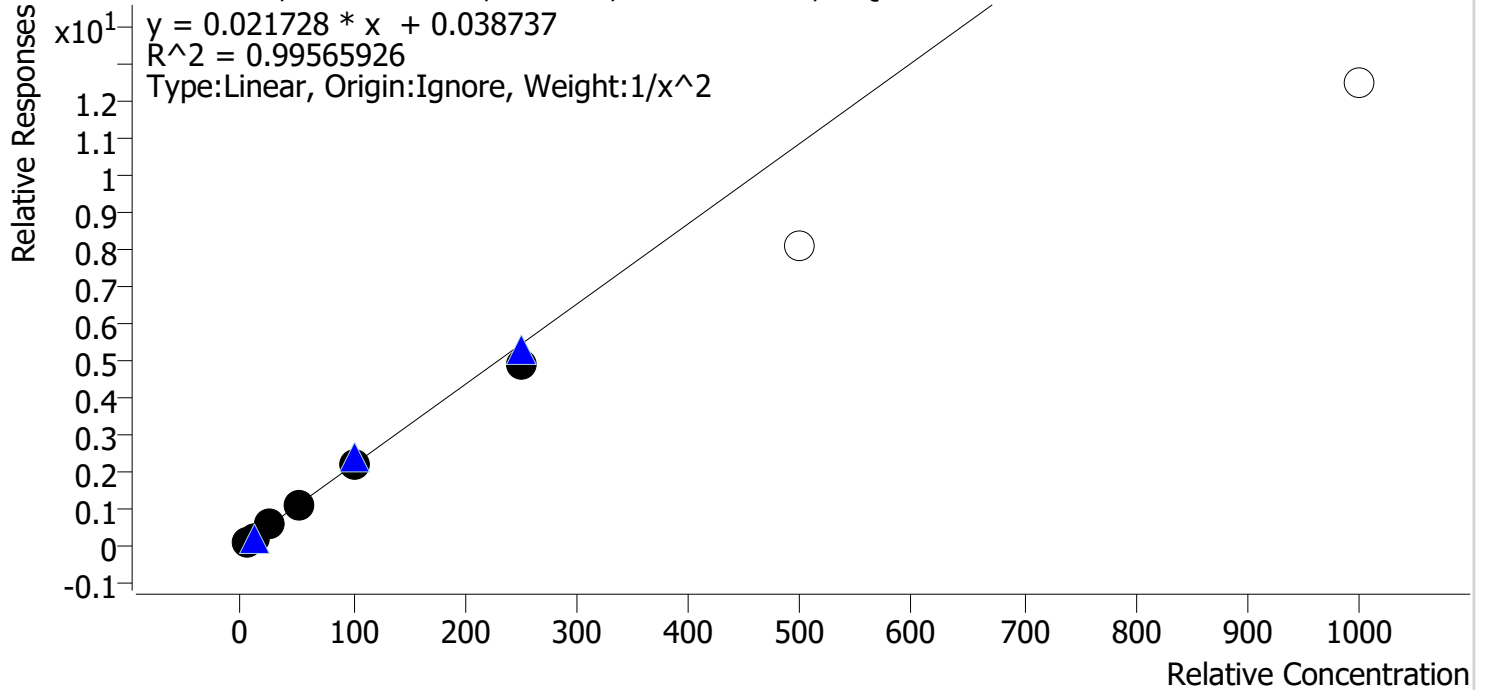
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

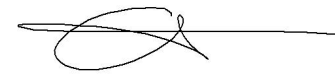
Trazodone - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



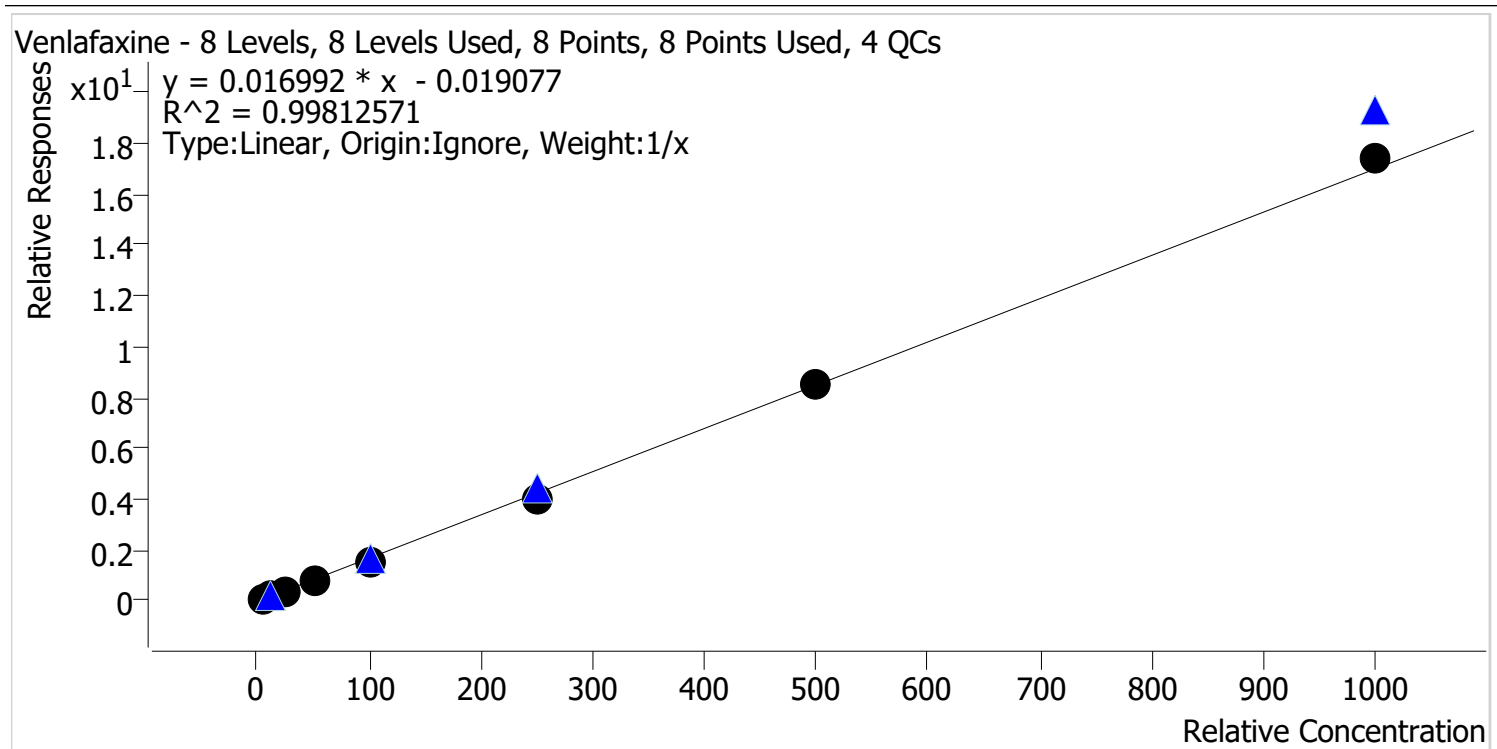
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.9	97.0
cal 2 mdq	2	✓	10.0	10.4	103.6
cal 3 mdq	3	✓	25.0	26.2	104.7
cal 4 mdq	4	✓	50.0	52.0	103.9
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	226.9	90.8
cal 7 mdq	7	✗	500.0	371.8	74.4
cal 8 mdq	8	✗	1000.0	576.1	57.6

Cal 7 and 8 dropped due to accuracy out of range.

Compound Calibration Report

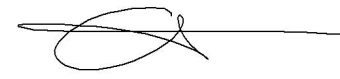


Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



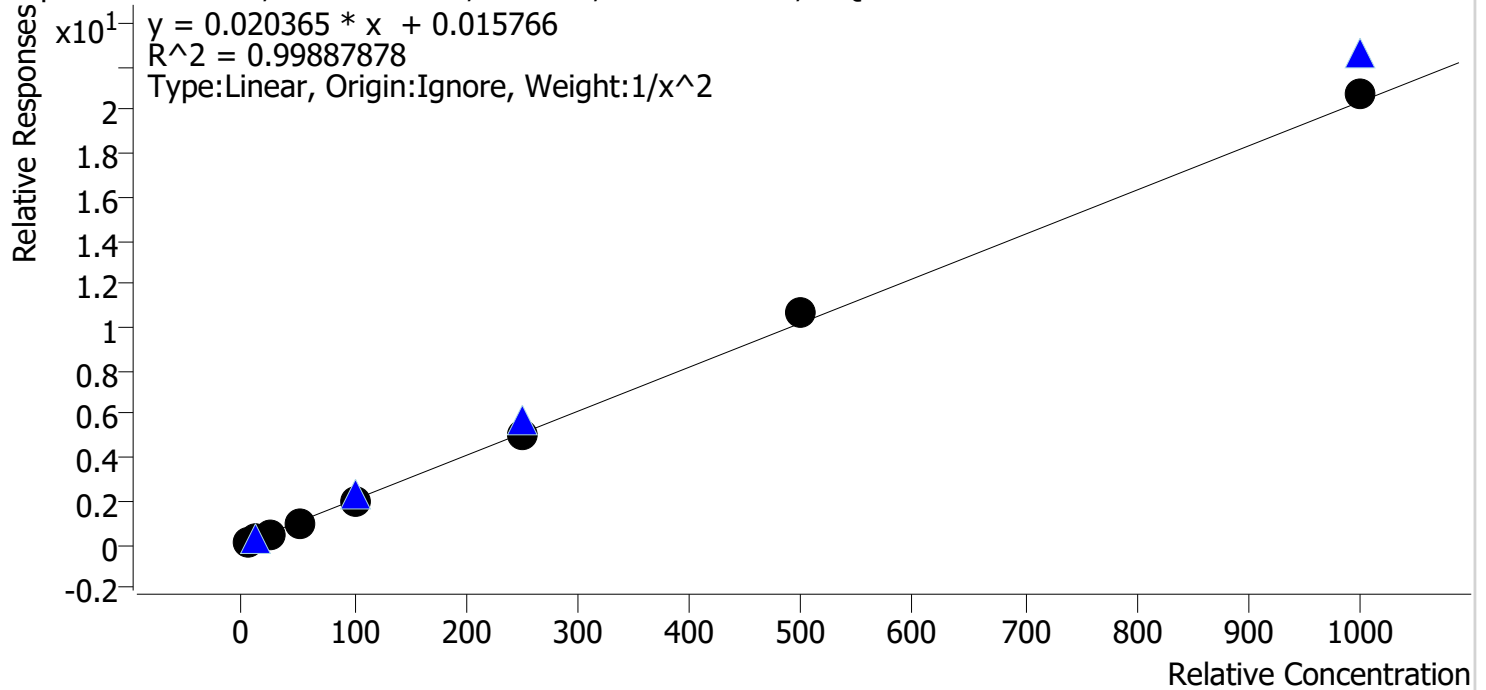
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	6.2	123.3
cal 2 mdq	2	✓	10.0	10.5	105.1
cal 3 mdq	3	✓	25.0	23.3	93.2
cal 4 mdq	4	✓	50.0	45.5	91.0
cal 5 mdq	5	✓	100.0	90.1	90.1
cal 6 mdq	6	✓	250.0	235.9	94.4
cal 7 mdq	7	✓	500.0	501.7	100.3
cal 8 mdq	8	✓	1000.0	1026.9	102.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



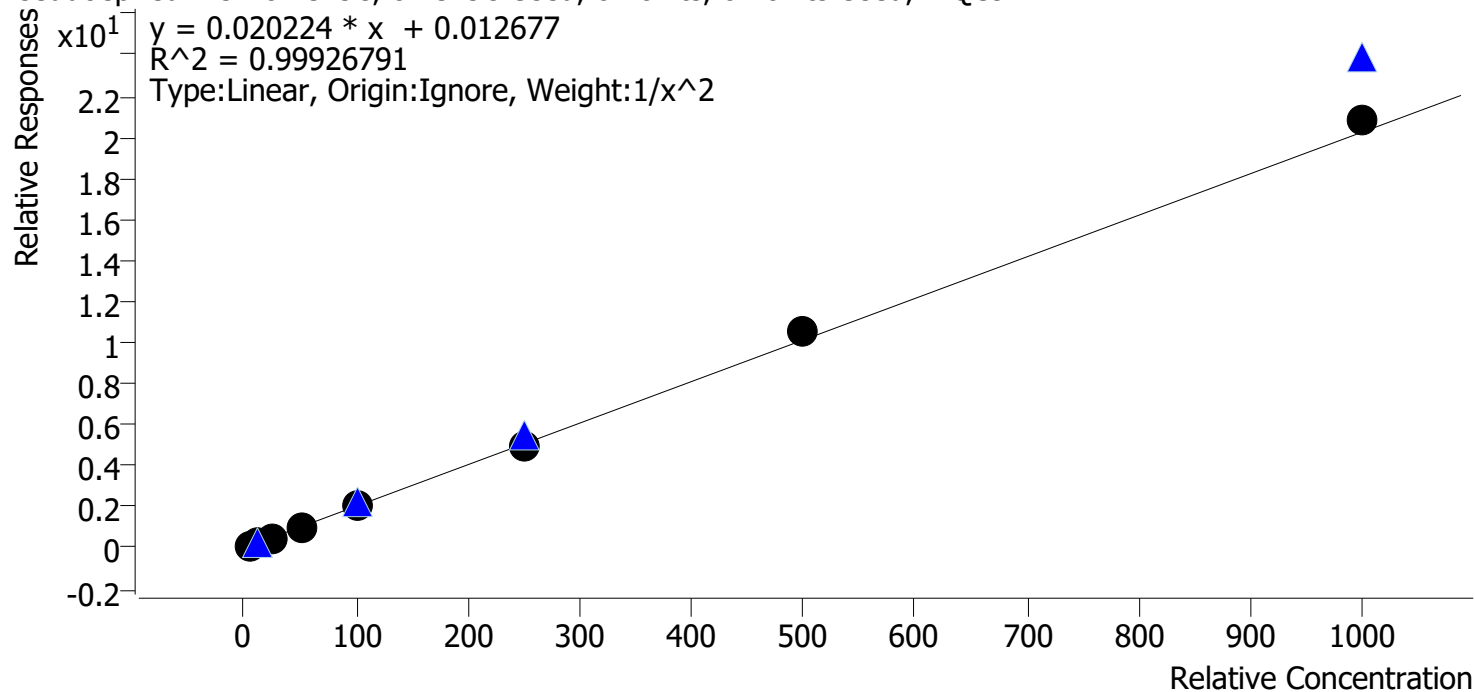
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	23.8	95.2
cal 4 mdq	4	✓	50.0	48.9	97.9
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	525.7	105.1
cal 8 mdq	8	✓	1000.0	1016.0	101.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



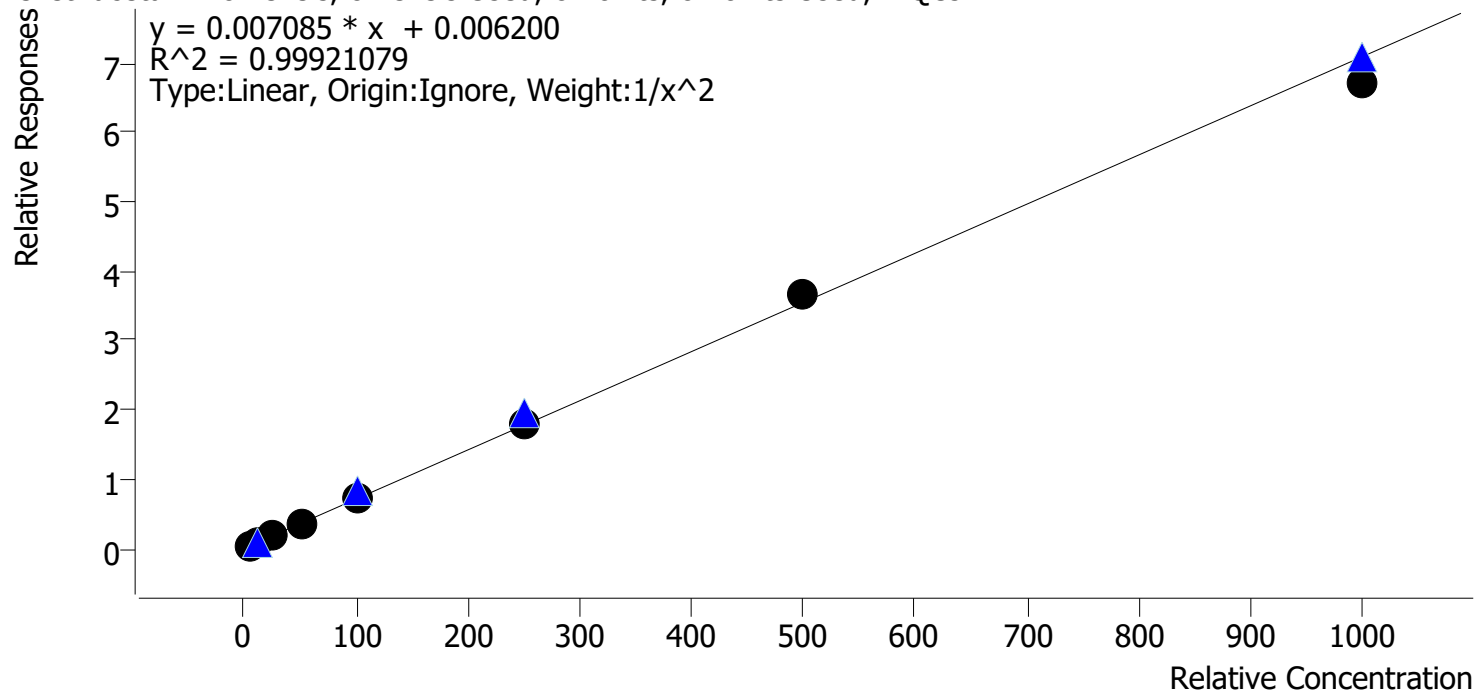
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	24.4	97.4
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	97.8	97.8
cal 6 mdq	6	✓	250.0	247.5	99.0
cal 7 mdq	7	✓	500.0	520.3	104.1
cal 8 mdq	8	✓	1000.0	1026.0	102.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Phentermine-D5

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



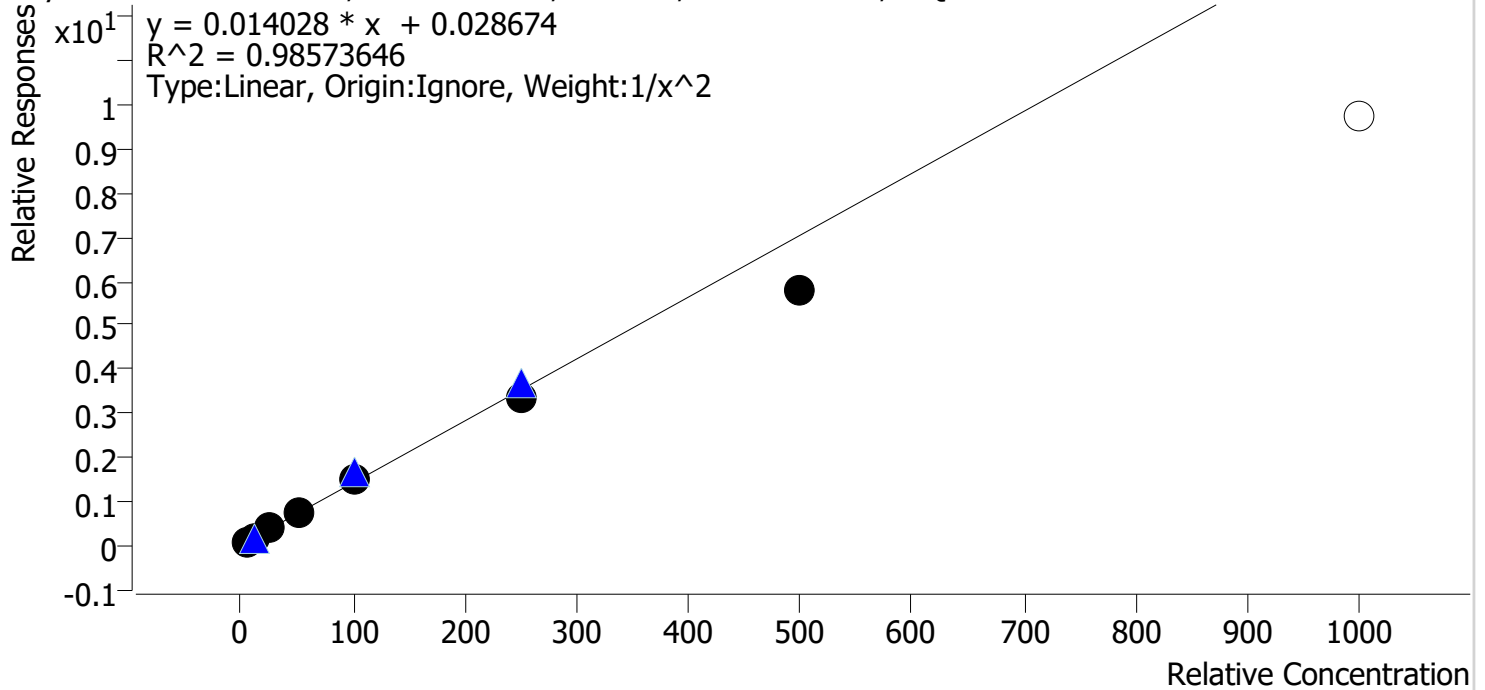
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.1	100.5
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	517.5	103.5
cal 8 mdq	8	✓	1000.0	947.2	94.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Last Cal. Update 11/3/2021 4:09 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdqr	1	✓	5.0	4.7	94.0
cal 2 mdq	2	✓	10.0	10.7	106.9
cal 3 mdq	3	✓	25.0	27.1	108.6
cal 4 mdq	4	✓	50.0	54.5	109.0
cal 5 mdq	5	✓	100.0	105.1	105.1
cal 6 mdq	6	✓	250.0	236.3	94.5
cal 7 mdq	7	✓	500.0	409.7	81.9
cal 8 mdq	8	x	1000.0	694.3	69.4

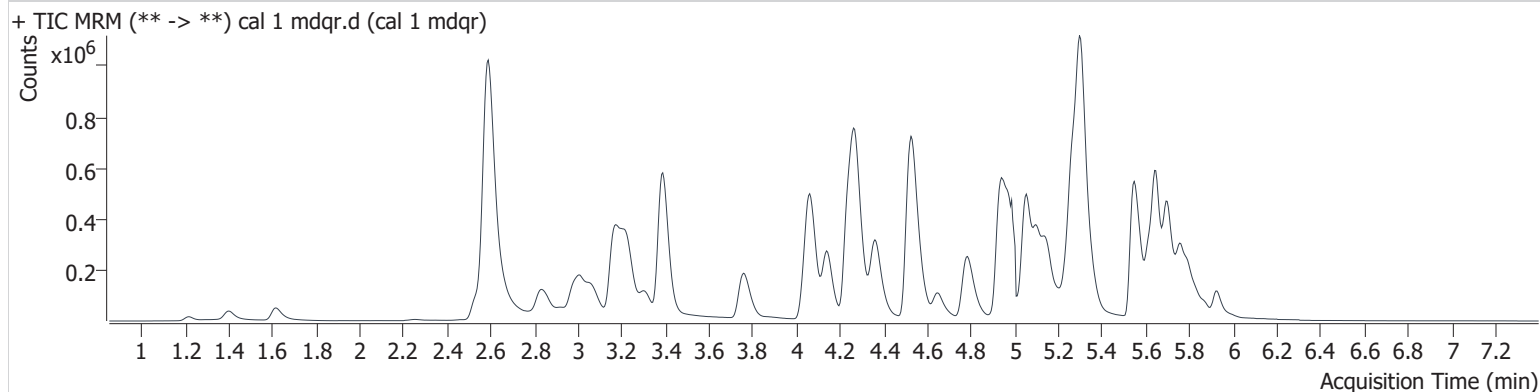
Cal 8 dropped due to accuracy out of range.

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
 Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 Data File cal 1 mdqr.d
 Type Cal Sample cal 1 mdqr
 Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
 Sample Position P2-A6 Comment
 Injection Volume 3
 Acq. Date-Time 11/3/2021 10:26:26 AM
 Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	1475	9895.1	157.7	620.8	79392	0.490 ng/ml
7-aminoclonazepam	4.287	18253	3107.9	74.3	∞	190906	5.039 ng/ml
a-hydroxyalprazolam	5.681	2725	∞	52.6	∞	312301	4.808 ng/ml
alpha-PHP	4.946	76297	10142.5	40.3	1912.3	460853	4.748 ng/ml
alpha-PVP	4.372	111681	7020.9	53.4	4819.3	825397	5.053 ng/ml
Alprazolam	5.761	51719	∞	89.2	720.9	312301	5.052 ng/ml
Amphetamine	3.062	65777	971.1	242.0	26459.2	460853	4.723 ng/ml
Benzoylcegonine	3.906	1946	15084.1	58.9	34.4	10115	4.907 ng/ml
Buprenorphine	5.857	2088	∞	9.6 Low	∞	111324	0.358 ng/ml
Bupropion	4.800	103369	∞	69.7	972.1	784306	5.079 ng/ml
Carisoprodol	5.716	29727	10108.8	59.4	314.7	220444	4.990 ng/ml
Citalopram	5.244	81818	1172.3	40.6	50067.5	644677	4.945 ng/ml
Clonazepam	5.609	3338	306.8	36.3	2645.2	10368	5.002 ng/ml
Clonazepam	5.556	6912	711.1	42.6	∞	312301	4.732 ng/ml
Cocaine	4.271	88770	6115.3	50.8	5157.2	1306617	4.998 ng/ml
Codeine	2.608	11160	295091.0	94.3	50957.8	93349	4.827 ng/ml
Cyclobenzaprine	5.621	102389	8812.7	8.7	9396.4	612156	4.992 ng/ml
Dextromethorphan	5.277	64264	4199.4	74.2	6736.7	577254	5.177 ng/ml
Dextrophan	4.144	77021	11131.9	43.1	5510.0	715905	5.060 ng/ml
Diazepam	5.928	28178	927.5	88.4	1436.8	244964	4.947 ng/ml
Dihydrocodeine	2.567	31851	4392.6	58.2	337.6	336732	4.699 ng/ml
Diphenhydramine	5.309	271541	5475.0	31.8	1718.2	2424037	5.048 ng/ml
Doxylamine	4.540	329189	15514.4	75.8	1025662.8	2260458	4.981 ng/ml
EDDP	5.271	126779	36976.7	43.4	89902.4	1151147	5.039 ng/ml
Etizolam	5.795	28705	∞	24.0	∞	312301	5.121 ng/ml
Fentanyl	5.119	9320	1252.2	108.7	∞	830737	0.512 ng/ml
Flualprazolam	5.686	16915	1242.9	102.5	5007742578 3114.0	312301	4.984 ng/ml
Fluoxetine	5.703	104757	1901.4	7.0	10494.5	663672	5.044 ng/ml
Hydrocodone	3.044	33171	∞	34.2	2031.3	343449	4.925 ng/ml
Hydromorphone	1.628	22445	2524.1	77.9	2657.5	152417	4.954 ng/ml
Ketamine	4.062	73733	21483.7	36.1	528.4	669738	4.920 ng/ml
Lamotrigine	4.314	6839	∞	88.8	36048.5	273277	5.103 ng/ml

AM #28 Multi-Drug Quant. Results

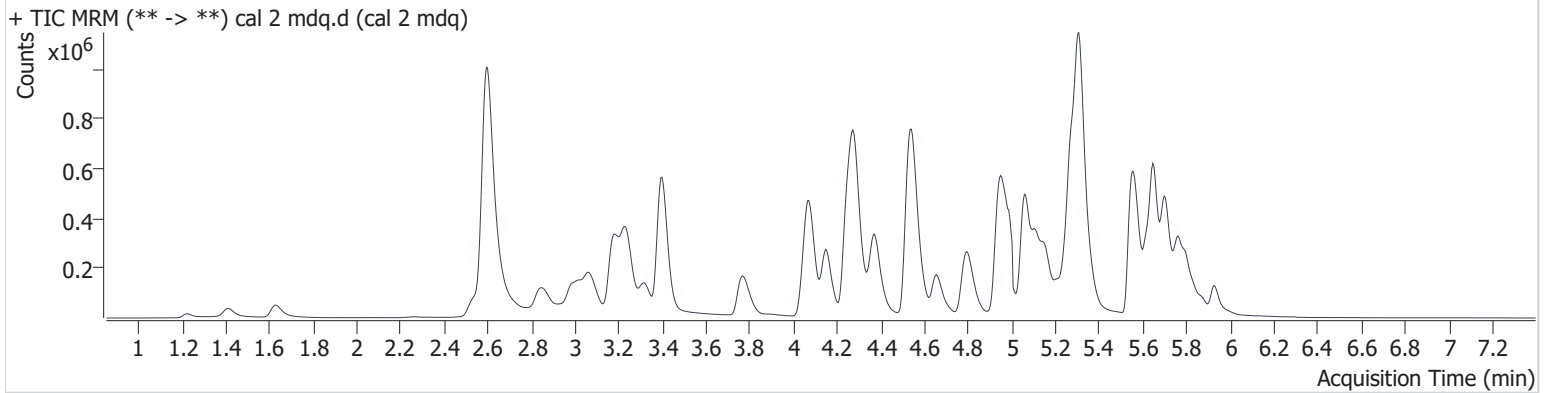
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.656	25830	800.6	210.2	4525.4	622213	4.984 ng/ml
Lorazepam	5.734	3458	∞	45.5	50.7	28246	4.556 ng/ml
MDA	3.225	74505	2067.3	28.3	316.5	425871	4.762 ng/ml
MDMA	3.312	77383	∞	95.0	∞	146744	4.971 ng/ml
Meprobamate	4.925	7677	54558.0	25.7	566.7	43469	4.930 ng/ml
Methadone	5.651	150778	5102.5	54.3	6218.3	1186547	5.155 ng/ml
Methamphetamine	3.231	361110	973.7	39.9	1204.3	1190571	5.106 ng/ml
Metoprolol	4.334	22897	2692.5	94.4	∞	425871	5.059 ng/ml
Mirtazapine	4.649	215513	41309.6	45.6	∞	1186547	5.074 ng/ml
Mitragynine	5.253	32233	62671.8	30.7	18106.1	3583194	4.759 ng/ml
Morphine	1.226	6223	35211.1	15.6	405.9	12758	5.084 ng/ml
Norbuprenorphine	5.020	336	946.2	99.3	491.1	16505	1.059 ng/ml
Nordiazepam	5.877	10229	15085.9	61.1	330371.2	59414	5.098 ng/ml
Norfentanyl	4.088	5962	254.4	39.5	3933.4	1163675	0.608 ng/ml
Norhydrocodone	3.095	2972	∞	22.3 Low	∞	103375	6.321 ng/ml
Noroxycodone	2.946	19910	4363.4	45.9	∞	122777	4.903 ng/ml
O-desmethyl-tramadol	3.394	190433	13117.8	6.0	2122.4	1725150	5.018 ng/ml
Oxazepam	5.751	3391	665.0	136.6 High	51.4	28246	5.776 ng/ml
Oxycodone	2.863	63862	∞	29.3	∞	462715	4.994 ng/ml
Oxymorphone	1.404	22112	3288.2	44.7	∞	138773	4.949 ng/ml
Phentermine	3.796	30004	171.5	10.1	272.3	622213	4.831 ng/ml
Promethazine	5.548	130341	7028.4	39.4	890.8	1121193	5.084 ng/ml
Pseudoephedrine	2.600	411240	5418.3	25.1	8056.9	3583194	5.048 ng/ml
Quetiapine	5.566	159436	∞	62.5	213787.1	405773	5.095 ng/ml
Sertraline	5.766	41530	133869.9	94.8	15148.5	274524	5.009 ng/ml
Temazepam	5.803	32017	4161.6	27.4	54.7	273277	5.641 ng/ml
Tramadol	4.252	179825	7254.6	3.9	957.4	1571066	4.882 ng/ml
Trazodone	5.206	109158	119222.9	81.5	58122.5	757180	4.852 ng/ml
Venlafaxine	5.053	134399	3602.3	38.3	457.7	1568631	6.165 ng/ml
Zolpidem	4.959	204236	∞	27.9	6104.9	1725984	5.036 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B6	Comment	
Injection Volume	3		
Acq. Date-Time	11/2/2021 5:45:46 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.181	2684	∞	132.1	22941.0	69878	1.046 ng/ml
7-aminoclonazepam	4.292	30811	3155.9	69.6	∞	179203	9.801 ng/ml
a-hydroxyalprazolam	5.687	4790	106.0	54.6	∞	278189	10.393 ng/ml
alpha-PHP	4.951	133173	360774.9	40.0	7498.1	402018	10.652 ng/ml
alpha-PVP	4.382	188381	4833.8	54.3	2211.7	751122	9.917 ng/ml
Alprazolam	5.761	83734	1612.5	94.9	1022.1	278189	9.874 ng/ml
Amphetamine	3.068	107093	4351.2	212.2	9583.3	402018	10.857 ng/ml
Benzoylcegonine	3.911	3246	1561.6	54.2	77.6	9182	10.523 ng/ml
Buprenorphine	5.857	3313	∞	16.2	∞	114806	0.778 ng/ml
Bupropion	4.811	170307	176989.5	70.5	15460.7	726124	9.675 ng/ml
Carisoprodol	5.716	51265	201097.9	57.6	663.3	195142	10.311 ng/ml
Citalopram	5.254	143410	1668.9	36.7	12502.1	573572	10.350 ng/ml
Clonazepam	5.614	5597	3168.6	37.6	6248.5	10328	9.590 ng/ml
Clonazepam	5.556	12079	429.5	38.8	∞	278189	10.678 ng/ml
Cocaine	4.281	147446	∞	52.1	1486416.6	1166789	10.026 ng/ml
Codeine	2.613	18274	68173.7	94.4	∞	81741	10.472 ng/ml
Cyclobenzaprine	5.627	170325	241818.3	9.4	125767.0	538930	10.099 ng/ml
Dextromethorphan	5.287	104888	407849.5	78.7	∞	506569	10.009 ng/ml
Dextrophan	4.154	126098	41109.3	44.7	241818.0	646133	9.876 ng/ml
Diazepam	5.933	51388	1179.1	86.7	1555715426 17206.0	232714	10.320 ng/ml
Dihydrocodeine	2.572	53929	4704.4	61.0	1061.1	301959	10.688 ng/ml
Diphenhydramine	5.314	459254	103956.2	30.2	5088.6	2179462	10.027 ng/ml
Doxylamine	4.551	560689	∞	77.9	114315.5	2047324	10.111 ng/ml
EDDP	5.276	217131	∞	43.6	1306492.9	1063432	9.915 ng/ml
Etizolam	5.795	48999	128884.5	23.1	∞	278189	9.961 ng/ml
Fentanyl	5.129	14594	2471.2	120.6	1220130.2	735669	0.977 ng/ml
Flualprazolam	5.697	28579	∞	101.0	∞	278189	9.986 ng/ml
Fluoxetine	5.703	175538	∞	7.2	25702.0	613399	9.851 ng/ml
Hydrocodone	3.054	55971	1001.7	36.7	538.4	303242	10.161 ng/ml
Hydromorphone	1.638	39136	995.3	79.1	851.6	130362	10.167 ng/ml
Ketamine	4.068	124686	12055.9	37.3	3569.7	599713	10.254 ng/ml
Lamotrigine	4.330	11179	48164.2	85.3	9349.4	265766	9.727 ng/ml

AM #28 Multi-Drug Quant. Results

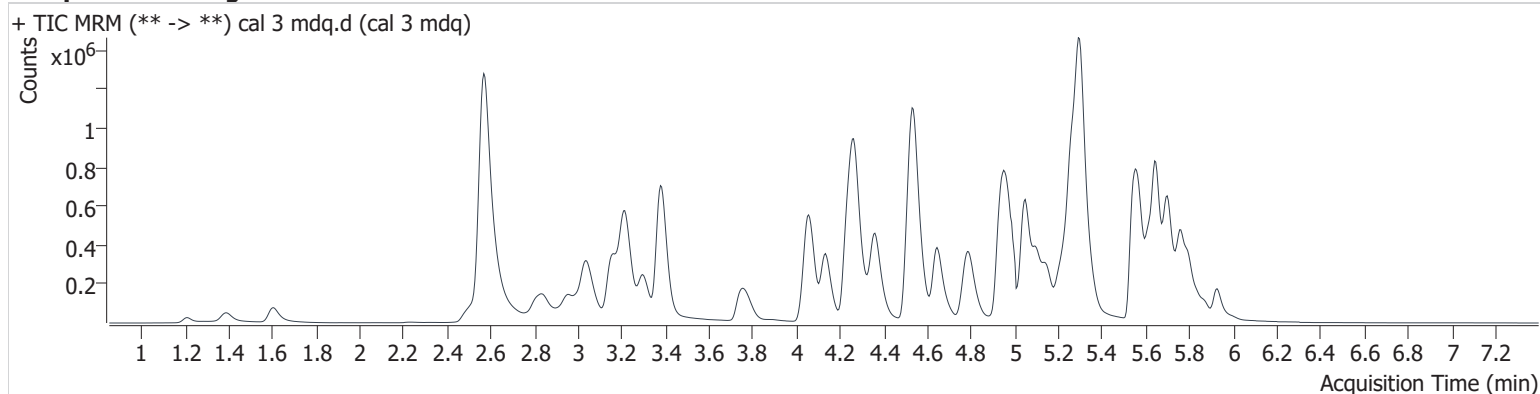
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.656	42522	2402.5	223.7	1550.6	549225	10.052 ng/ml
Lorazepam	5.739	5247	∞	51.4	428.5	23348	10.498 ng/ml
MDA	3.235	123963	8002.5	28.0	1322.3	367863	10.589 ng/ml
MDMA	3.323	132006	∞	92.6	9317.6	131800	10.134 ng/ml
Meprobamate	4.936	11691	21657.0	29.3	1823.0	37955	9.964 ng/ml
Methadone	5.651	247410	4005.5	56.3	3342.7	1088534	9.635 ng/ml
Methamphetamine	3.242	403022	3583.0	39.7	1989.8	1047555	9.191 ng/ml
Metoprolol	4.339	36651	∞	99.7	∞	367863	9.756 ng/ml
Mirtazapine	4.655	361478	149916.7	46.9	∞	1088534	9.793 ng/ml
Mitragynine	5.263	55902	∞	30.9	∞	3152386	10.569 ng/ml
Morphine	1.231	9086	12016.0	15.5	809.2	11465	9.463 ng/ml
Norbuprenorphine	5.020	295	208.6	98.8	153.4	15108	1.017 ng/ml
Nordiazepam	5.882	17482	44210.7	67.4	56599.3	57590	9.692 ng/ml
Norfentanyl	4.099	9320	1109.5	39.9	156868.7	1042267	1.024 ng/ml
Norhydrocodone	3.106	4602	∞	26.0	∞	88090	10.527 ng/ml
Noroxycodone	2.956	35420	968.1	44.2	∞	110919	10.399 ng/ml
O-desmethyl-tramadol	3.404	317260	50614.1	6.3	1829.7	1535094	10.033 ng/ml
Oxazepam	5.746	6813	182.2	88.7	19.6	23348	13.203 ng/ml
Oxycodone	2.868	104710	∞	29.2	∞	420516	9.834 ng/ml
Oxymorphone	1.414	36058	∞	44.6	∞	121236	10.138 ng/ml
Phentermine	3.801	47268	498.3	9.4	501.9	549225	10.138 ng/ml
Promethazine	5.553	227229	384685.6	39.6	9566.5	1065384	9.890 ng/ml
Pseudoephedrine	2.605	674520	6395.0	24.6	3474.9	3152386	9.953 ng/ml
Quetiapine	5.571	269562	∞	63.6	404632.0	377161	9.840 ng/ml
Sertraline	5.771	69269	∞	94.6	5720.9	247472	10.096 ng/ml
Temazepam	5.803	59839	∞	26.5	165.0	265766	10.657 ng/ml
Tramadol	4.262	301165	72633.1	3.6	272.6	1423713	10.206 ng/ml
Trazodone	5.212	178615	∞	81.5	639614.7	676875	10.362 ng/ml
Venlafaxine	5.063	226555	28388.4	38.5	∞	1420446	10.509 ng/ml
Zolpidem	4.964	338601	∞	27.9	363372.7	1530709	10.088 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 **Data File** cal 3 mdq.d
Type Cal **Sample** cal 3 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-C6 **Comment**
Injection Volume 3
Acq. Date-Time 11/2/2021 5:54:47 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.160	6505	1789.2	131.3	193648.8	72119	2.499 ng/ml
7-aminoclonazepam	4.277	71309	∞	71.1	35276.3	171157	25.068 ng/ml
a-hydroxyalprazolam	5.681	11534	371.1	52.2	∞	275154	26.635 ng/ml
alpha-PHP	4.940	310106	∞	40.2	8702.4	402514	26.300 ng/ml
alpha-PVP	4.367	442926	30643.1	54.1	6040.3	742053	24.492 ng/ml
Alprazolam	5.755	196753	∞	93.3	∞	275154	24.622 ng/ml
Amphetamine	3.042	232480	5530.8	239.3	14016.8	402514	26.295 ng/ml
Benzoylcegonine	3.896	7121	∞	54.6	171.1	9634	23.969 ng/ml
Buprenorphine	5.862	7998	∞	15.4	3835.0	111815	2.550 ng/ml
Bupropion	4.795	414958	190487.0	68.4	19556.6	715017	25.142 ng/ml
Carisoprodol	5.716	114773	∞	58.8	1312949632	195261	23.841 ng/ml
Citalopram	5.238	315497	13297.7	39.9	109061.2	555586	24.304 ng/ml
Clonazepam	5.604	13220	87243.3	33.5	54725.6	9912	26.104 ng/ml
Clonazolam	5.556	28284	5442.6	39.1	849.9	275154	27.264 ng/ml
Cocaine	4.271	351691	∞	49.3	203559.6	1183129	24.733 ng/ml
Codeine	2.583	42589	∞	91.3	∞	84743	25.613 ng/ml
Cyclobenzaprine	5.621	403769	461333.2	8.6	1226.4	549164	24.489 ng/ml
Dextromethorphan	5.272	248510	15162.3	75.3	266960.6	502507	24.521 ng/ml
Dextrorphan	4.134	299560	∞	44.8	1775949.3	650857	24.455 ng/ml
Diazepam	5.928	117317	4105.4	88.7	3359.1	236358	24.314 ng/ml
Dihydrocodeine	2.541	125413	3520.2	61.1	742.3	306278	27.146 ng/ml
Diphenhydramine	5.303	1055610	42625.4	31.6	20100.9	2130894	24.388 ng/ml
Doxylamine	4.540	1321097	3174699.0	77.4	35572.5	2082144	24.539 ng/ml
EDDP	5.266	499449	881209.8	43.0	434126.0	1022882	24.645 ng/ml
Etizolam	5.795	114210	1543.5	23.5	∞	275154	23.694 ng/ml
Fentanyl	5.119	35053	2531.3	121.3	85454.7	757529	2.404 ng/ml
Flualprazolam	5.692	68978	∞	98.1	∞	275154	25.223 ng/ml
Fluoxetine	5.698	403334	∞	7.3	42949.8	583172	25.039 ng/ml
Hydrocodone	3.028	132379	∞	36.9	∞	298095	25.606 ng/ml
Hydromorphone	1.608	95337	∞	73.2	2929.1	129164	25.090 ng/ml
Ketamine	4.057	290506	41261.5	37.5	3649.2	602878	25.193 ng/ml
Lamotrigine	4.309	24133	2723.0	92.9	8080.2	258551	23.644 ng/ml

AM #28 Multi-Drug Quant. Results

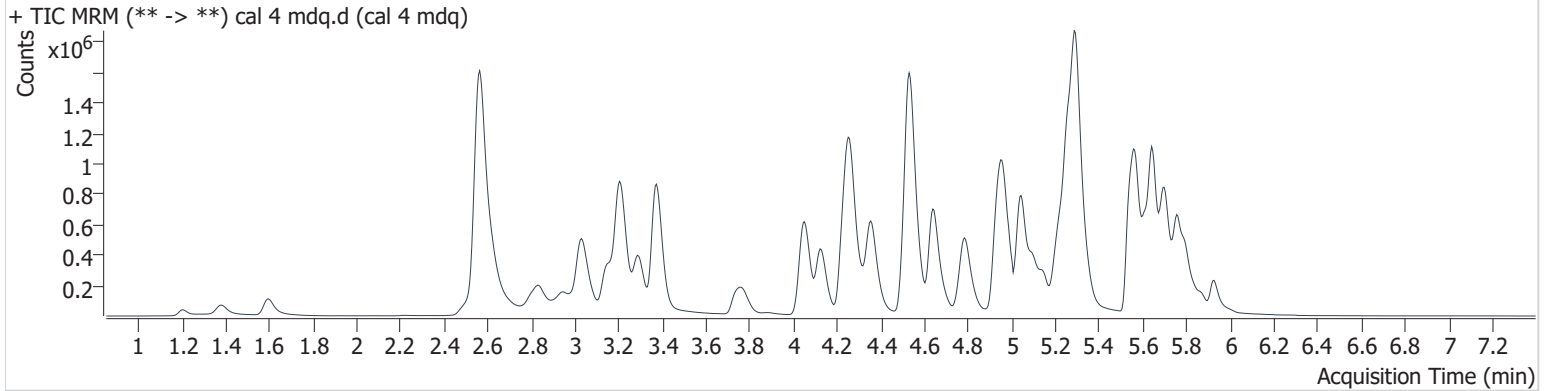
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	99579	2054.6	221.9	6454.2	543790	24.970 ng/ml
Lorazepam	5.734	11285	1984.7	45.4	∞	25990	22.667 ng/ml
MDA	3.210	271825	31016.8	27.3	∞	347836	26.576 ng/ml
MDMA	3.302	306497	∞	92.2	12934.1	129915	24.914 ng/ml
Meprobamate	4.920	28112	57950.3	30.4	503.2	39505	25.426 ng/ml
Methadone	5.646	583318	∞	54.9	32493.6	1076259	23.704 ng/ml
Methamphetamine	3.221	754704	12651.2	41.3	5047.9	1062822	25.516 ng/ml
Metoprolol	4.329	86151	∞	96.5	∞	347836	24.912 ng/ml
Mirtazapine	4.644	850852	164816.5	46.8	112679.4	1076259	24.175 ng/ml
Mitragynine	5.253	131040	119691.8	30.2	∞	3098696	26.898 ng/ml
Morphine	1.216	21457	3677.3	17.2	2289.0	11381	25.165 ng/ml
Norbuprenorphine	5.015	817	1188.2	104.4	6159.9	14969	2.818 ng/ml
Nordiazepam	5.877	41447	∞	64.0	40093.4	56984	24.511 ng/ml
Norfentanyl	4.083	22249	1997.6	39.3	21523.6	1051921	2.355 ng/ml
Norhydrocodone	3.080	10642	∞	27.5	∞	90918	22.131 ng/ml
Noroxycodone	2.931	79964	∞	47.7	∞	110060	24.641 ng/ml
O-desmethyl-tramadol	3.383	746543	163540.8	6.4	∞	1540893	24.503 ng/ml
Oxazepam	5.741	14834	301.0	77.2	∞	25990	25.264 ng/ml
Oxycodone	2.843	258071	∞	27.8	∞	419764	25.784 ng/ml
Oxymorphone	1.389	85510	∞	43.6	131395.0	122369	25.222 ng/ml
Phentermine	3.786	112305	844.3	9.2	516.8	543790	27.033 ng/ml
Promethazine	5.548	529376	∞	40.0	5842.0	1063430	23.984 ng/ml
Pseudoephedrine	2.575	1565886	351076.8	24.6	11332.6	3098696	24.360 ng/ml
Quetiapine	5.566	622997	∞	64.5	510365.4	373376	23.905 ng/ml
Sertraline	5.766	158577	∞	98.4	5108.9	248007	24.312 ng/ml
Temazepam	5.803	130685	5411.9	28.6	568.8	258551	23.677 ng/ml
Tramadol	4.247	703433	43618.5	3.5	430.9	1418641	25.799 ng/ml
Trazodone	5.206	422537	∞	79.6	∞	695531	26.177 ng/ml
Venlafaxine	5.048	531856	68787.1	39.0	3572.6	1412128	23.288 ng/ml
Zolpidem	4.959	785770	3151841.6	29.1	383631.5	1570490	23.795 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 **Data File** cal 4 mdq.d
Type Cal **Sample** cal 4 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-D6 **Comment**
Injection Volume 3
Acq. Date-Time 11/2/2021 6:03:49 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.150	11719	∞	129.2	∞	65749	4.968 ng/ml
7-aminoclonazepam	4.272	131474	19254.2	71.6	218181.4	157386	51.193 ng/ml
a-hydroxyalprazolam	5.676	20944	2294.1	52.5	2873793581	261524	51.734 ng/ml
alpha-PHP	4.935	562591	86136.5	41.2	271337.2	372768	52.625 ng/ml
alpha-PVP	4.362	805966	55502.0	54.0	30019.2	681024	49.196 ng/ml
Alprazolam	5.755	364515	∞	91.0	∞	261524	48.797 ng/ml
Amphetamine	3.032	412002	76223.5	237.3	7513.0	372768	52.474 ng/ml
Benzoylcegonine	3.885	13293	68314.0	58.8	298.2	9074	49.269 ng/ml
Buprenorphine	5.867	13134	18205.1	17.6	1103.1	104102	4.820 ng/ml
Bupropion	4.790	745787	1240628.1	70.1	8520.2	660010	49.725 ng/ml
Carisoprodol	5.711	206102	∞	57.3	4997.4	173429	48.839 ng/ml
Citalopram	5.233	581308	5576.6	39.3	202573.9	506960	49.714 ng/ml
Clonazepam	5.604	24859	822.2	31.0	∞	8950	56.215 ng/ml
Clonazolam	5.550	48694	4279.5	41.5	4929.9	261524	50.562 ng/ml
Cocaine	4.260	646176	3675391.4	50.3	∞	1079953	50.643 ng/ml
Codeine	2.572	73313	∞	93.7	∞	72859	52.948 ng/ml
Cyclobenzaprine	5.616	721056	2510200.6	9.0	3483.5	484388	50.349 ng/ml
Dextromethorphan	5.272	444107	41479.1	75.0	1622887.1	447529	49.651 ng/ml
Dextrorphan	4.129	541808	30553.0	44.8	1558428.9	592615	49.423 ng/ml
Diazepam	5.928	214136	∞	86.7	5654.2	214155	49.890 ng/ml
Dihydrocodeine	2.536	222753	1802.1	61.0	6295.2	280788	54.510 ng/ml
Diphenhydramine	5.298	1865931	68666.4	31.5	1305670.6	1958153	47.468 ng/ml
Doxylamine	4.535	2443835	260698.6	77.2	79871.4	1903135	50.529 ng/ml
EDDP	5.261	913593	64424.9	42.9	∞	941586	49.636 ng/ml
Etizolam	5.795	204298	∞	22.0	∞	261524	44.734 ng/ml
Fentanyl	5.114	61926	7032.1	125.1	125567.9	694282	4.721 ng/ml
Flualprazolam	5.686	131760	34012.5	89.3	3425105620	261524	51.291 ng/ml
Fluoxetine	5.698	704661	124664.4	7.4	87051.4	521863	49.712 ng/ml
Hydrocodone	3.023	237184	∞	38.4	∞	272773	50.925 ng/ml
Hydromorphone	1.597	184332	∞	70.8	3995.9	124542	50.376 ng/ml
Ketamine	4.052	531432	490298.9	37.3	3501.1	558914	50.767 ng/ml
Lamotrigine	4.299	44418	16744.1	86.8	2459.3	229024	50.950 ng/ml

AM #28 Multi-Drug Quant. Results

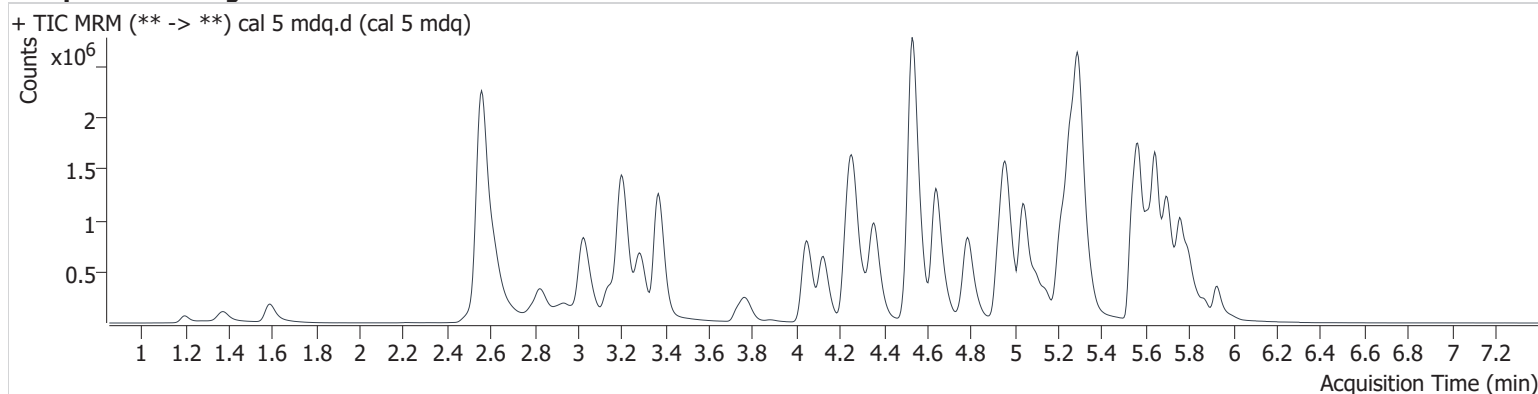
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	181341	7155.6	220.5	45922.1	501517	50.158 ng/ml
Lorazepam	5.734	20692	987.3	47.5	337.4	22862	50.019 ng/ml
MDA	3.199	478106	18159.2	27.8	6343.1	314739	53.104 ng/ml
MDMA	3.292	557252	106234.1	91.9	117802.3	119878	49.836 ng/ml
Meprobamate	4.915	51845	77882.3	29.4	1013.5	34406	55.894 ng/ml
Methadone	5.646	1092588	3808785.6	53.9	14710.7	980259	49.302 ng/ml
Methamphetamine	3.211	1291027	15974.2	37.9	10580.7	972628	56.487 ng/ml
Metoprolol	4.319	154664	∞	96.4	∞	314739	49.865 ng/ml
Mirtazapine	4.639	1594018	206449.9	48.0	278054.7	980259	50.385 ng/ml
Mitragynine	5.248	225247	145278.6	31.9	61980.5	2801457	52.243 ng/ml
Morphine	1.206	39453	10194.9	16.3	573.3	10345	52.874 ng/ml
Norbuprenorphine	5.004	1365	314.7	94.1	882.3	13696	5.136 ng/ml
Nordiazepam	5.877	74760	∞	63.2	∞	50320	51.028 ng/ml
Norfentanyl	4.078	40913	2365.6	39.7	47733.9	957881	4.705 ng/ml
Norhydrocodone	3.075	22150	∞	25.7	1582.0	83455	48.692 ng/ml
Noroxycodone	2.920	150346	∞	46.8	∞	100830	51.379 ng/ml
O-desmethyl-tramadol	3.378	1360916	135283.0	6.3	11419.5	1412141	49.465 ng/ml
Oxazepam	5.741	25199	526.4	76.2	1876.5	22862	48.243 ng/ml
Oxycodone	2.832	469760	∞	29.6	∞	389297	51.592 ng/ml
Oxymorphone	1.379	156941	∞	43.9	1037428.5	114503	50.471 ng/ml
Phentermine	3.775	202097	1164.3	8.5	∞	501517	54.585 ng/ml
Promethazine	5.543	943398	621000.6	41.1	6972.3	944129	48.822 ng/ml
Pseudoephedrine	2.570	2828986	518756.4	24.5	∞	2801457	49.305 ng/ml
Quetiapine	5.566	1179699	311787.3	62.8	∞	347060	49.425 ng/ml
Sertraline	5.766	273763	1022839.6	97.7	10976.6	216461	49.039 ng/ml
Temazepam	5.798	236290	3427.3	28.8	312.2	229024	48.122 ng/ml
Tramadol	4.242	1280428	56617.5	3.6	1630.8	1282656	53.354 ng/ml
Trazodone	5.206	757146	∞	80.0	∞	648383	51.962 ng/ml
Venlafaxine	5.043	979184	41435.9	38.6	9549.5	1299103	45.482 ng/ml
Zolpidem	4.959	1434649	472158.5	28.8	480599.1	1417415	48.928 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 **Data File** cal 5 mdq.d
Type Cal **Sample** cal 5 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-E6 **Comment**
Injection Volume 3
Acq. Date-Time 11/2/2021 6:12:52 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	21461	∞	137.5	5530.6	63391	9.465 ng/ml
7-aminoclonazepam	4.272	219236	14611.9	75.9	8698.0	136955	98.950 ng/ml
a-hydroxyalprazolam	5.681	37373	3576.2	55.1	1262.9	231714	105.132 ng/ml
alpha-PHP	4.930	1044871	101349.5	40.4	11618.7	348568	105.660 ng/ml
alpha-PVP	4.362	1543213	509592.1	53.4	25286.3	658461	98.058 ng/ml
Alprazolam	5.755	671811	∞	90.3	∞	231714	102.419 ng/ml
Amphetamine	3.032	717621	27290.4	245.2	37285.1	348568	99.779 ng/ml
Benzoylcegonine	3.885	25485	3519.1	53.6	1119.2	8442	103.428 ng/ml
Buprenorphine	5.872	25206	43985.4	16.9	6375.8	101185	9.926 ng/ml
Bupropion	4.785	1432152	111040.1	69.1	26750.6	638153	99.562 ng/ml
Carisoprodol	5.711	342493	∞	58.7	7617.6	149192	94.924 ng/ml
Citalopram	5.228	1035285	14792.1	39.5	25857.8	451073	100.135 ng/ml
Clonazepam	5.604	44375	47485.6	33.9	587137.5	9105	99.938 ng/ml
Clonazepam	5.545	85805	1918.0	40.7	∞	231714	101.993 ng/ml
Cocaine	4.260	1194635	199667.0	50.8	1058414.5	1025790	99.375 ng/ml
Codeine	2.572	131579	64364.2	94.8	13935.0	69120	101.650 ng/ml
Cyclobenzaprine	5.616	1305082	1767403.0	8.8	526364.2	444216	100.099 ng/ml
Dextromethorphan	5.266	805764	95837.2	74.3	971973.5	405272	99.922 ng/ml
Dextrophan	4.123	1028679	297809.4	44.7	118130.7	568237	98.701 ng/ml
Diazepam	5.928	404795	∞	86.5	13151.7	203112	100.328 ng/ml
Dihydrocodeine	2.531	414013	4622.2	60.8	3627.2	275533	105.072 ng/ml
Diphenhydramine	5.298	3401426	229538.1	31.7	120329.8	1774177	96.114 ng/ml
Doxylamine	4.535	4802387	512404.6	79.4	364699.1	1893213	100.639 ng/ml
EDDP	5.261	1661415	55776.9	42.8	1126102.5	857299	99.810 ng/ml
Etizolam	5.790	387488	5030.4	21.9	∞	231714	95.946 ng/ml
Fentanyl	5.114	123253	19943.7	119.1	117359.7	666070	9.894 ng/ml
Flualprazolam	5.686	223841	5071.6	97.2	∞	231714	98.890 ng/ml
Fluoxetine	5.698	1228086	4546926.0	7.7	175244.3	468646	97.294 ng/ml
Hydrocodone	3.018	460170	∞	37.1	∞	270329	100.483 ng/ml
Hydromorphone	1.592	357302	∞	73.8	1691589298 74295.0	123250	98.733 ng/ml
Ketamine	4.047	1012541	80781.3	37.7	5925.9	543342	100.540 ng/ml
Lamotrigine	4.293	77157	3436.8	88.7	7668.3	199879	103.081 ng/ml

AM #28 Multi-Drug Quant. Results

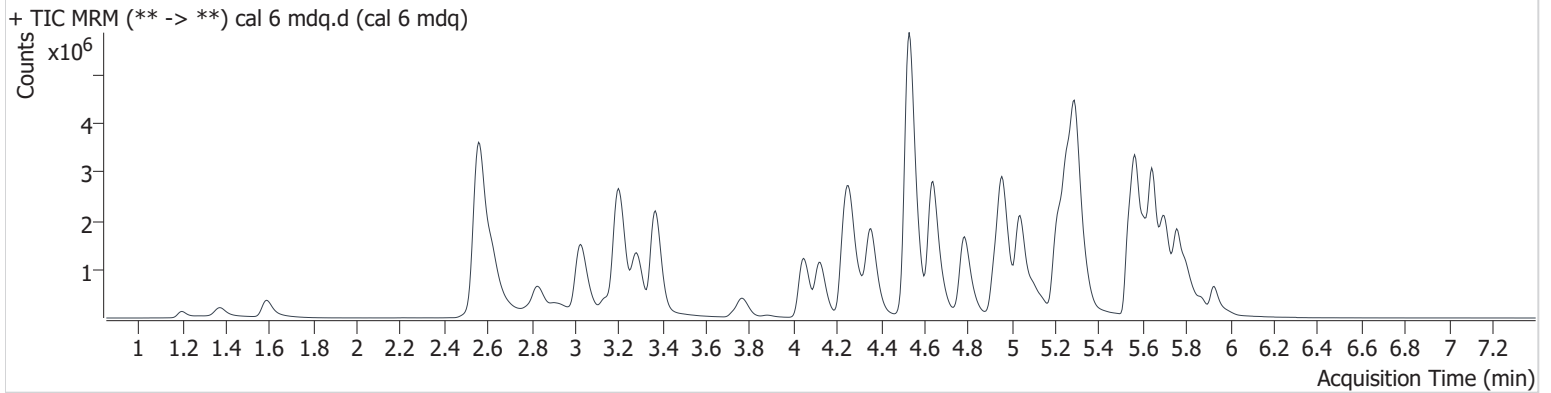
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.620	345169	∞	222.0	187021.5	480602	100.490 ng/ml
Lorazepam	5.734	34999	6752.9	52.5	3853.1	20368	97.267 ng/ml
MDA	3.194	810710	111819.6	27.1	7337.7	280508	102.418 ng/ml
MDMA	3.287	1036133	29244.8	91.9	54003.8	112428	99.560 ng/ml
Meprobamate	4.910	90651	252156.8	30.1	681.5	32614	104.649 ng/ml
Methadone	5.646	2011793	49678.8	53.1	21408.5	930123	96.167 ng/ml
Methamphetamine	3.206	2234836	10129.7	38.7	21859.2	951412	107.745 ng/ml
Metoprolol	4.319	277933	857473.2	96.2	∞	280508	100.996 ng/ml
Mirtazapine	4.639	3020482	404694.8	47.2	158943.0	930123	101.241 ng/ml
Mitragynine	5.248	398376	93703.0	33.2	1408157.8	2601714	100.598 ng/ml
Morphine	1.201	77769	16346.1	16.0	1269.4	10267	106.916 ng/ml
Norbuprenorphine	5.004	2308	2181.6	89.4	939.4	12920	9.198 ng/ml
Nordiazepam	5.877	136603	∞	63.5	∞	49776	95.039 ng/ml
Norfentanyl	4.078	77454	13752.6	39.8	∞	921125	9.214 ng/ml
Norhydrocodone	3.065	43790	∞	28.1	∞	83469	95.100 ng/ml
Noroxycodone	2.910	270831	∞	47.0	∞	94713	99.235 ng/ml
O-desmethyl-tramadol	3.368	2633617	1307158.2	6.3	58981.5	1377907	98.820 ng/ml
Oxazepam	5.741	47483	1578.3	70.5	574.2	20368	101.389 ng/ml
Oxycodone	2.827	912952	∞	29.5	∞	392353	100.435 ng/ml
Oxymorphone	1.374	306520	36081.2	43.7	36319.9	112298	101.541 ng/ml
Phentermine	3.770	367309	7378.1	8.6	4283.9	480602	105.258 ng/ml
Promethazine	5.543	1752709	1509014.9	39.7	68423.5	890328	96.841 ng/ml
Pseudoephedrine	2.565	5179280	43976.8	24.6	∞	2601714	97.806 ng/ml
Quetiapine	5.566	2168809	1480201.3	64.3	∞	328409	96.685 ng/ml
Sertraline	5.761	501684	1896589.2	96.3	28703.9	194598	100.973 ng/ml
Temazepam	5.798	406779	∞	28.7	911.1	199879	94.731 ng/ml
Tramadol	4.237	2375629	103242.9	3.7	2177.9	1253645	102.533 ng/ml
Trazodone	5.206	1380189	∞	79.3	∞	624503	99.933 ng/ml
Venlafaxine	5.043	1879821	639572.5	38.0	7475.8	1243402	90.097 ng/ml
Zolpidem	4.959	2814274	233064.1	28.3	7131440.6	1380838	99.306 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 **Data File** cal 6 mdq.d
Type Cal **Sample** cal 6 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-F6 **Comment**
Injection Volume 3
Acq. Date-Time 11/2/2021 6:21:54 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	48874	∞	132.3	3574.6	55367	24.728 ng/ml
7-aminoclonazepam	4.272	400207	32292.8	76.4	50444.4	101967	243.953 ng/ml
a-hydroxyalprazolam	5.676	75739	∞	49.2	610.6	190029	261.161 ng/ml
alpha-PHP	4.925	2219150	38666.7	40.0	22339.4	304851	258.231 ng/ml
alpha-PVP	4.356	3373759	392840.1	54.4	203549.8	571791	247.847 ng/ml
Alprazolam	5.755	1350118	∞	92.6	1387597809 5543.1	190029	252.207 ng/ml
Amphetamine	3.032	1352024	26301.9	244.6	111501.7	304851	217.667 ng/ml
Benzoylcegonine	3.880	60591	∞	55.4	∞	8265	253.746 ng/ml
Buprenorphine	5.872	56917	118041.2	17.0	13525.5	90946	25.574 ng/ml
Bupropion	4.785	3233423	4226172.8	69.8	69207.4	582794	247.338 ng/ml
Carisoprodol	5.711	629724	∞	59.5	7267.4	104340	250.570 ng/ml
Citalopram	5.223	1992489	47546.6	40.3	830339.5	359167	242.921 ng/ml
Clonazepam	5.604	91300	1641.5	34.7	336577.7	7370	256.666 ng/ml
Clonazolam	5.545	175888	2905.8	37.9	1157.6	190029	257.105 ng/ml
Cocaine	4.260	2530208	∞	49.4	81606.9	859082	252.616 ng/ml
Codeine	2.572	254325	118729.6	96.3	12489.7	54320	252.431 ng/ml
Cyclobenzaprine	5.616	2678991	54555.5	8.7	∞	371142	247.026 ng/ml
Dextromethorphan	5.266	1569415	∞	75.6	∞	322518	245.200 ng/ml
Dextrorphan	4.123	2265793	209627.9	43.4	98771.2	496042	250.348 ng/ml
Diazepam	5.928	870878	∞	87.1	4197145271 5758.7	175743	250.791 ng/ml
Dihydrocodeine	2.531	829497	4646.7	61.2	1902.4	248087	236.313 ng/ml
Diphenhydramine	5.293	7217907	227190.9	30.9	2788921.7	1436751	252.832 ng/ml
Doxylamine	4.530	11184872	10993159.4	79.9	613985.9	1726181	258.386 ng/ml
EDDP	5.256	3619282	211565.4	43.0	10441089.1	755372	247.758 ng/ml
Etizolam	5.790	798644	∞	23.2	∞	190029	241.374 ng/ml
Fentanyl	5.114	295552	∞	120.3	285769.6	631275	25.176 ng/ml
Flualprazolam	5.686	472534	∞	91.7	∞	190029	255.486 ng/ml
Fluoxetine	5.698	2389367	∞	7.5	456198.5	358189	249.014 ng/ml
Hydrocodone	3.018	1043150	∞	36.2	∞	243330	254.307 ng/ml
Hydromorphone	1.592	808344	∞	74.5	∞	110692	248.806 ng/ml
Ketamine	4.047	2245430	157340.6	37.3	16373.9	483319	252.267 ng/ml
Lamotrigine	4.293	148530	12184.0	87.9	992787.5	157049	255.002 ng/ml

AM #28 Multi-Drug Quant. Results

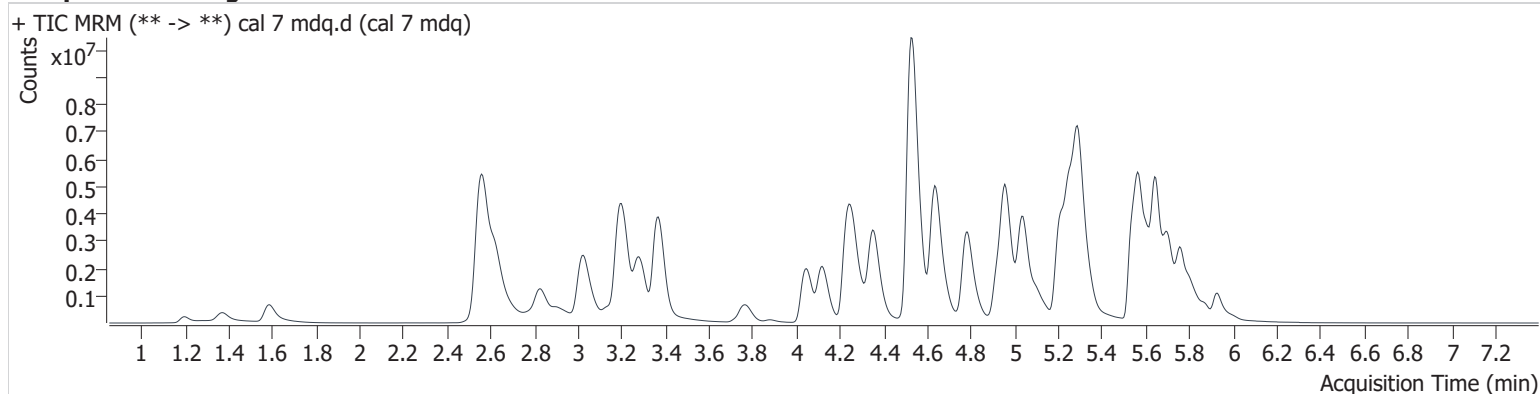
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	753427	25268.2	223.5	260086.6	420106	252.243 ng/ml
Lorazepam	5.729	73694	∞	48.6	2037.9	15855	267.445 ng/ml
MDA	3.189	1474897	∞	26.9	11817.3	215105	245.078 ng/ml
MDMA	3.281	2216068	567582.8	91.3	114563.7	94835	253.623 ng/ml
Meprobamate	4.910	193219	487324.0	29.3	2687.2	29403	249.921 ng/ml
Methadone	5.646	4564953	77782.7	51.2	74178.1	812508	250.640 ng/ml
Methamphetamine	3.206	4544728	84533.4	38.7	45643.7	890470	245.962 ng/ml
Metoprolol	4.319	549014	∞	97.5	∞	215105	260.861 ng/ml
Mirtazapine	4.639	6729495	∞	47.2	317063.0	812508	259.178 ng/ml
Mitragynine	5.242	814869	553016.3	34.0	137386.2	2086793	258.442 ng/ml
Morphine	1.201	166244	12407.8	16.5	2189.1	9385	252.613 ng/ml
Norbuprenorphine	4.999	5130	1028.5	94.1	3712.5	11280	23.396 ng/ml
Nordiazepam	5.877	287198	∞	62.6	∞	41036	243.797 ng/ml
Norfentanyl	4.078	166132	33067.3	39.6	24019.3	781309	23.224 ng/ml
Norhydrocodone	3.065	101203	∞	27.1	∞	69453	262.052 ng/ml
Noroxycodone	2.910	586535	∞	45.7	∞	80978	252.542 ng/ml
O-desmethyl-tramadol	3.368	5936759	676302.4	6.1	225617.0	1229058	250.858 ng/ml
Oxazepam	5.735	95168	3604.3	73.5	865.2	15855	260.115 ng/ml
Oxycodone	2.827	2084884	∞	29.4	∞	364235	248.561 ng/ml
Oxymorphone	1.374	686427	77162.2	43.6	13916.6	102293	251.149 ng/ml
Phentermine	3.770	760147	5094.3	8.2	12346.2	420106	251.842 ng/ml
Promethazine	5.538	3890446	94021.3	39.2	28069.5	764253	251.486 ng/ml
Pseudoephedrine	2.565	10471657	∞	24.5	∞	2086793	247.496 ng/ml
Quetiapine	5.566	4637551	463409.2	62.2	∞	271390	251.287 ng/ml
Sertraline	5.761	963174	∞	98.6	795374.0	151297	250.766 ng/ml
Temazepam	5.798	800397	27604.3	28.5	2480.9	157049	236.931 ng/ml
Tramadol	4.237	5074555	203858.1	3.6	2369.2	1119685	247.166 ng/ml
Trazodone	5.201	2890610	133105.1	80.4	82959.6	581683	226.929 ng/ml
Venlafaxine	5.038	4265521	268811.0	38.2	15985.7	1069194	235.912 ng/ml
Zolpidem	4.959	6233053	224344.5	28.8	54968.3	1229086	248.251 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument 69679 **Data File** cal 7 mdq.d
Type Cal **Sample** cal 7 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-G6 **Comment**
Injection Volume 3
Acq. Date-Time 11/2/2021 6:30:56 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	99829	448669.5	131.4	41874.2	53354	52.449 ng/ml
7-aminoclonazepam	4.267	492766	19969.1	77.9	23764.9	60669	505.829 ng/ml
a-hydroxyalprazolam	5.676	108116	4997.4	54.5	613.3	152537	465.158 ng/ml
alpha-PHP	4.925	4184395	128364.2	40.3	207971.9	311397	477.654 ng/ml
alpha-PVP	4.356	7027331	528294.4	53.2	311224.4	575867	513.286 ng/ml
Alprazolam	5.755	2114235	3852.0	94.5	1486920136 5829.3	152537	492.827 ng/ml
Amphetamine	3.032	2270067	85006.3	240.4	∞	311397	359.300 ng/ml
Benzoylcegonine	3.880	136566	139680.1	53.1	3176.1	9163	517.715 ng/ml
Buprenorphine	5.872	115709	∞	16.8	25335.6	94567	50.401 ng/ml
Bupropion	4.785	7046506	965280.8	66.9	28079.6	612831	513.472 ng/ml
Carisoprodol	5.716	952373	∞	58.4	33217.9	77074	513.667 ng/ml
Citalopram	5.223	3277094	62761.9	41.3	2482920.1	289760	495.890 ng/ml
Clonazepam	5.599	149056	11750.0	34.4	275002.8	6720	460.862 ng/ml
Clonazolam	5.545	259590	∞	42.0	3687.8	152537	473.942 ng/ml
Cocaine	4.255	4447409	305352.6	49.1	204930.3	748281	510.643 ng/ml
Codeine	2.572	425329	42387.9	92.6	∞	47091	488.513 ng/ml
Cyclobenzaprine	5.611	4735091	138771.2	8.6	364172.1	314934	515.355 ng/ml
Dextromethorphan	5.261	2659077	96438.3	74.2	62414.6	265900	504.373 ng/ml
Dextrorphan	4.118	4577590	225378.7	44.3	423637.6	487124	515.943 ng/ml
Diazepam	5.928	1682505	∞	88.0	∞	168006	507.746 ng/ml
Dihydrocodeine	2.526	1471421	6985.4	61.6	3661.6	254751	409.709 ng/ml
Diphenhydramine	5.293	13320655	5804133897 74617.0	30.3	135685.3	1278464	525.020 ng/ml
Doxylamine	4.530	21702336	790061.5	82.1	915611.8	1686770	513.902 ng/ml
EDDP	5.256	7270648	1842330.1	42.3	103939.2	740726	508.256 ng/ml
Etizolam	5.790	1419010	9782.4	23.0	6076.0	152537	534.475 ng/ml
Fentanyl	5.108	649009	∞	125.7	∞	670613	52.141 ng/ml
Flualprazolam	5.686	718296	4507.0	97.7	∞	152537	484.351 ng/ml
Fluoxetine	5.698	3763463	638459.2	7.6	493275.4	270889	519.561 ng/ml
Hydrocodone	3.013	2115876	∞	36.4	∞	250939	500.978 ng/ml
Hydromorphone	1.587	1644739	∞	74.2	∞	111195	504.023 ng/ml
Ketamine	4.047	4470728	207440.8	37.3	29075.1	479173	507.710 ng/ml
Lamotrigine	4.288	237429	6906.7	86.9	204191.1	124004	517.984 ng/ml

cal 7 mdq

Generated at 4:15 PM on 11/3/2021

AM #28 Multi-Drug Quant. Results

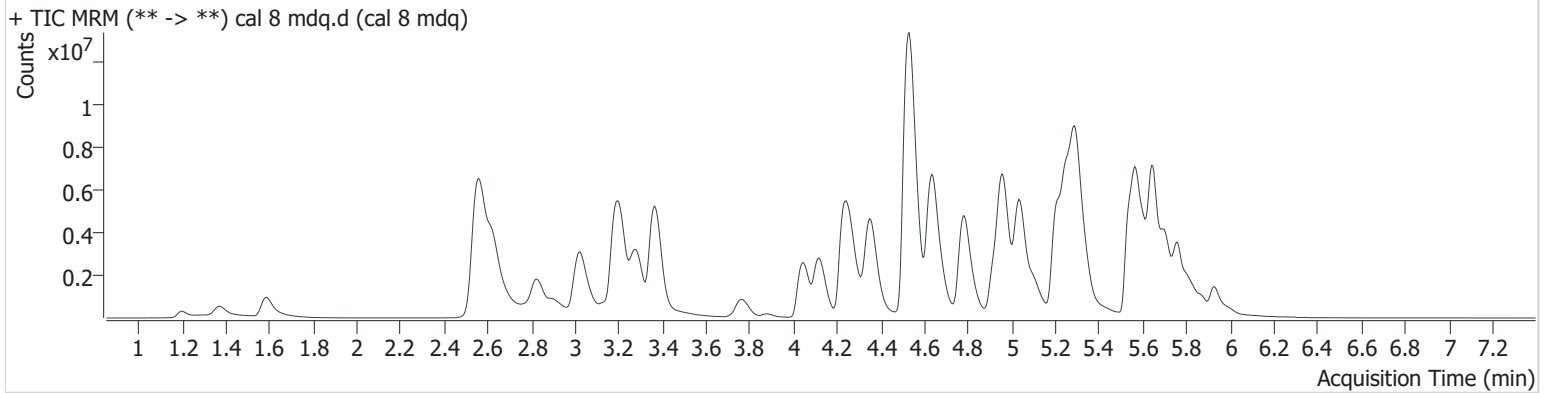
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	1608186	54753.2	223.4	338732.5	437874	517.481 ng/ml
Lorazepam	5.729	130533	∞	48.3	1749.6	14692	513.575 ng/ml
MDA	3.179	2126030	54898.6	27.2	9819.7	177374	429.568 ng/ml
MDMA	3.287	4307416	318895.2	86.9	215002.6	91785	510.127 ng/ml
Meprobamate	4.899	337591	2919272.0	29.4	4932.3	30785	418.283 ng/ml
Methadone	5.646	9134326	169439.9	50.0	60679.0	775282	526.181 ng/ml
Methamphetamine	3.201	8566801	83773.5	38.1	143429.5	990278	423.936 ng/ml
Metoprolol	4.319	886464	1469721.7	98.6	∞	177374	511.223 ng/ml
Mirtazapine	4.634	12726446	2949222.6	46.8	342621.0	775282	514.290 ng/ml
Mitragynine	5.237	1338356	75513.0	35.1	5823697.1	1813955	489.403 ng/ml
Morphine	1.201	309704	9775.1	16.5	745.1	8929	496.458 ng/ml
Norbuprenorphine	4.999	8667	7514.8	105.7	182.7	9477	47.035 ng/ml
Nordiazepam	5.877	505174	∞	64.1	∞	33986	518.829 ng/ml
Norfentanyl	4.073	300352	20115.8	39.3	677104.2	657185	49.860 ng/ml
Norhydrocodone	3.065	189162	∞	29.7	∞	64690	524.690 ng/ml
Noroxycodone	2.905	1105677	∞	45.3	∞	78404	492.424 ng/ml
O-desmethyl-tramadol	3.370	12148984	∞	6.1	89882.7	1238674	510.124 ng/ml
Oxazepam	5.735	171349	1303.0	73.7	3887.3	14692	504.877 ng/ml
Oxycodone	2.827	4245036	∞	29.2	∞	363868	507.669 ng/ml
Oxymorphone	1.369	1342783	553050.2	43.5	196569.6	100176	502.713 ng/ml
Phentermine	3.770	1498313	14066.8	8.0	5250.4	437874	477.981 ng/ml
Promethazine	5.538	7789664	288895.5	37.6	88863.7	736779	523.042 ng/ml
Pseudoephedrine	2.559	19109844	∞	24.1	∞	1813955	520.282 ng/ml
Quetiapine	5.566	7736782	∞	61.0	∞	221518	514.333 ng/ml
Sertraline	5.761	1511220	1286142.5	97.2	163262.2	116799	510.670 ng/ml
Temazepam	5.803	1284668	∞	28.6	2026.0	124004	481.417 ng/ml
Tramadol	4.231	9919863	∞	3.3	15979.7	1150364	471.541 ng/ml
Trazodone	5.201	5276154	143548.9	81.0	292147.0	650024	371.789 ng/ml
Venlafaxine	5.041	9014622	643265.0	37.1	126313.4	1059846	501.695 ng/ml
Zolpidem	4.959	12332975	858309.0	27.8	203967.9	1150229	525.738 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\110221\QuantResults\mdq.batch.bin
Calibration Last Update 11/3/2021 4:09:36 PM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-H6	Comment	
Injection Volume	3		
Acq. Date-Time	11/2/2021 6:39:58 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	152590	3274173.8	133.1	∞	42959	99.596 ng/ml
7-aminoclonazepam	4.267	487886	5988.0	80.1	11376.3	30156	1008.479 ng/ml
a-hydroxyalprazolam	5.676	138053	1274.7	56.3	4059.0	103921	872.640 ng/ml
alpha-PHP	4.920	5967104	71700.9	39.5	50148.9	254003	835.927 ng/ml
alpha-PVP	4.357	10564616	432992.9	52.1	67609.7	429348	1035.644 ng/ml
Alprazolam	5.755	2986478	3114.5	91.5	1192.9	103921	1022.726 ng/ml
Amphetamine	3.032	2922114	123057.0	236.6	263282.3	254003	568.375 ng/ml
Benzoylcegonine	3.880	240230	442595.2	54.9	5158.6	8917	937.355 ng/ml
Buprenorphine	5.872	180301	31385.7	16.1	∞	75154	99.228 ng/ml
Bupropion	4.785	10998631	∞	65.9	587910.9	489272	1004.637 ng/ml
Carisoprodol	5.716	1073092	10584189.5	58.9	∞	42045	1061.649 ng/ml
Citalopram	5.218	4124159	209622.5	41.7	44773.2	173197	1044.764 ng/ml
Clonazepam	5.599	196405	8045.4	33.4	140615.6	4206	972.192 ng/ml
Clonazepam	5.545	330805	1976.2	38.8	1732.3	103921	887.769 ng/ml
Cocaine	4.255	6016424	270027.7	50.0	∞	533249	970.119 ng/ml
Codeine	2.572	558055	187384.4	99.3	24659.5	33560	900.778 ng/ml
Cyclobenzaprine	5.611	6297552	90381.9	8.5	12008.3	219217	985.363 ng/ml
Dextromethorphan	5.266	3368800	68921.3	75.2	123976.0	169787	1001.148 ng/ml
Dextrophan	4.118	6817802	245728.2	44.0	160019.4	369637	1013.509 ng/ml
Diazepam	5.928	2500145	∞	87.7	∞	128632	986.285 ng/ml
Dihydrocodeine	2.526	2054613	32054.8	61.1	6127.1	210344	694.287 ng/ml
Diphenhydramine	5.298	18272354	288234.5	30.0	283252.5	885579	1040.285 ng/ml
Doxylamine	4.530	30072388	∞	85.8	461065.1	1288535	932.872 ng/ml
EDDP	5.256	12197070	396285.5	42.3	610950.3	621759	1016.452 ng/ml
Etizolam	5.795	2067656	11109.2	22.8	9059.9	103921	1143.308 ng/ml
Fentanyl	5.108	1113709	534883.9	125.9	200333.9	570201	105.327 ng/ml
Flualprazolam	5.686	999953	7245.9	98.4	10162.9	103921	990.331 ng/ml
Fluoxetine	5.703	4428815	97409.0	7.2	209395.3	165389	1002.238 ng/ml
Hydrocodone	3.013	3253668	∞	36.2	2667934339	207545	932.152 ng/ml
					84856.0		
Hydromorphone	1.587	2570656	∞	74.5	∞	88422	990.715 ng/ml
Ketamine	4.042	6582713	9285088.2	37.0	27536.2	382375	937.712 ng/ml
Lamotrigine	4.288	271312	7260.3	88.9	∞	76952	955.249 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	2433049	153777.3	223.5	715679.3	362206	947.186 ng/ml
Lorazepam	5.729	189911	∞	49.4	4059.7	11303	973.529 ng/ml
MDA	3.168	2523545	96271.2	27.3	12893.2	124142	729.589 ng/ml
MDMA	3.281	5841331	681765.0	90.0	723399.3	65588	968.798 ng/ml
Meprobamate	4.899	447188	209105.8	28.7	11994.8	24664	692.785 ng/ml
Methadone	5.646	13881213	∞	48.2	116519.4	588126	1054.611 ng/ml
Methamphetamine	3.202	11601359	49553.4	38.2	1008874.5	835848	686.286 ng/ml
Metoprolol	4.313	1143877	259397.5	96.7	∞	124142	942.913 ng/ml
Mirtazapine	4.634	17889716	325429.9	46.1	382804.3	588126	953.534 ng/ml
Mitragynine	5.237	1610228	42688.3	35.1	35696.1	1255154	851.868 ng/ml
Morphine	1.201	459526	1982.9	16.1	4947.9	7318	900.407 ng/ml
Norbuprenorphine	4.999	13791	∞	88.2	420.1	6759	104.916 ng/ml
Nordiazepam	5.877	701973	∞	53.3	∞	23425	1046.937 ng/ml
Norfentanyl	4.073	418744	21989.2	39.7	74871.3	443244	103.012 ng/ml
Norhydrocodone	3.065	269350	∞	33.0	∞	46438	1039.593 ng/ml
Noroxycodone	2.900	1685674	∞	43.6	∞	60175	978.914 ng/ml
O-desmethyl-tramadol	3.363	18323320	∞	5.9	275416.3	942637	1011.722 ng/ml
Oxazepam	5.735	250914	∞	73.2	9654.4	11303	960.482 ng/ml
Oxycodone	2.824	6704189	∞	29.2	∞	310448	940.596 ng/ml
Oxymorphone	1.369	2046654	∞	43.5	∞	80641	952.776 ng/ml
Phentermine	3.765	2151302	∞	7.5	28843.1	362206	831.087 ng/ml
Promethazine	5.538	11384199	3738374.4	36.6	∞	542953	1037.942 ng/ml
Pseudoephedrine	2.559	26059061	∞	23.8	23158.4	1255154	1025.953 ng/ml
Quetiapine	5.571	9781483	493909.5	60.9	∞	137057	1051.711 ng/ml
Sertraline	5.761	1880628	172127.0	96.0	98967.2	74208	1001.171 ng/ml
Temazepam	5.803	1720639	36539.1	28.6	692953.3	76952	1038.825 ng/ml
Tramadol	4.226	13772855	∞	3.4	17118.9	796556	946.892 ng/ml
Trazodone	5.196	7234805	∞	79.0	137219.5	576229	576.070 ng/ml
Venlafaxine	5.038	14002821	415314.5	36.1	77724.3	803424	1026.851 ng/ml
Zolpidem	4.961	18213338	502369.7	28.3	185256.8	879579	1016.035 ng/ml