

11/17/2021

REVIEWED
By Sarah Collins at 3:49 pm, Nov 18, 2021

Worklist: 5392

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-2218		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2383		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2399		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2412		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2413		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2416		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2419		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2422		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2428		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2435	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2441		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2443		UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2485		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 11/17/21 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

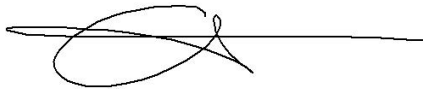
- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary 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:

Curve limits: amphetamine 5-250, buprenorphine 2.5-100, dihydrocodeine 5-500, MDA 5-500, lorazepam 10-1000, meprobamate 5-500, methamphetamine 5-500, norbuprenorphine 2.5-100, oxazepam 25-1000, quetiapine 5-500

Qualitative only: alpha-hydroxyalprazolam (surrogate internal standard), clonazepam (qc accuracy), Oxazepam (points dropped from curve)

Not evaluated: Norhydrocodone (ratios rising as concentrations rise indicating an interferant)



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	2248-1 clogged new aliquot to b4	2422-1							2443-1	
B	IS + Cal. 2	IS + QC_2	2383-1	2248-1							2435-4	
C	IS + Cal. 3	qc3	2419-1								neg urine	
D	IS + Cal. 4	IS + QC_4	2412-1									
E	IS + Cal. 5	Qc 2 urine	2441-1									
F	IS + Cal. 6	negative blood	2413-1									
G	IS + Cal. 7	2399-1	2485-1									
H	IS + Cal. 8	2218-1	2416-1									

am 28 extraction 11/17/21

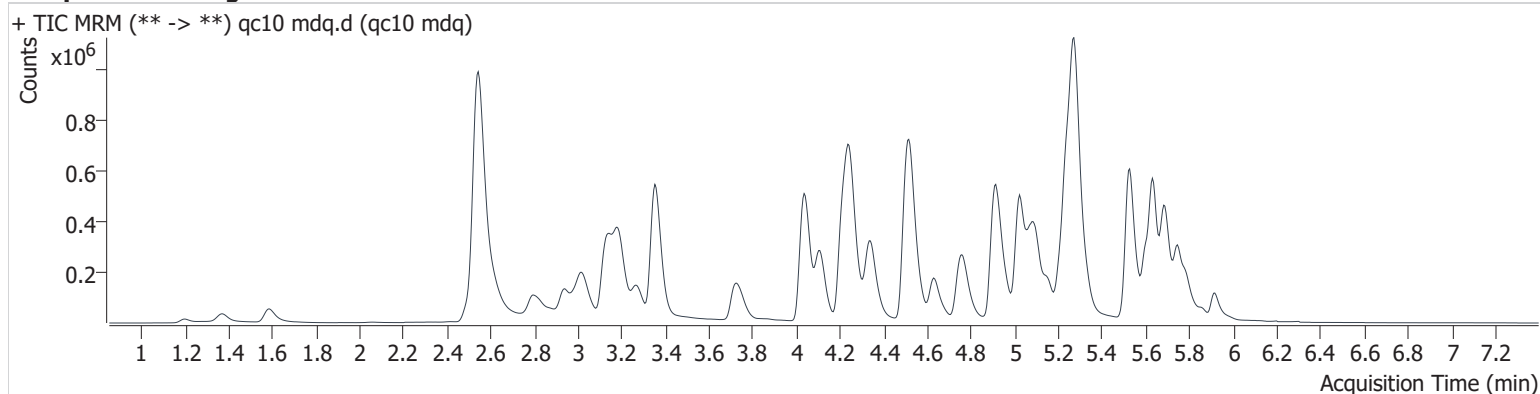
c2021-____-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-A2 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 7:12:21 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	2765	1830.1	143.5	217.2	71030	1.012 ng/ml
7-aminoclonazepam	4.267	27463	1082.9	74.6	1859.3	143604	10.861 ng/ml
a-hydroxyalprazolam	5.676	3642	∞	44.1	∞	238068	9.621 ng/ml
alpha-PHP	4.914	140295	12626.7	39.3	5080.8	422283	11.495 ng/ml
alpha-PVP	4.346	190486	13786.3	53.9	3874.0	725768	10.410 ng/ml
Alprazolam	5.745	75062	711.5	94.1	2446.0	238068	10.467 ng/ml
Amphetamine	3.021	106630	1067.3	245.9	1811.1	422283	11.255 ng/ml
Benzoylcegonine	3.875	3800	∞	58.1	58.1	10051	11.216 ng/ml
Buprenorphine	5.706	2961	47201.1	16.6	983.1	91865	1.276 ng/ml ocr
Bupropion	4.769	180208	4130.3	71.3	1731.7	724341	10.432 ng/ml
Carisoprodol	5.705	41727	∞	67.1	12393.6	162794	10.377 ng/ml
Citalopram	5.212	147347	1725.8	38.5	1872.8	572255	10.559 ng/ml
Clonazepam	5.593	5805	7992.4	31.5	2466.6	10420	11.056 ng/ml
Clonazepam	5.540	12576	∞	38.6	4816.2	238068	8.436 ng/ml
Cocaine	4.245	149407	6408.6	50.6	4732.5	1107088	10.787 ng/ml
Codeine	2.583	20117	4172.4	92.9	3245.7	78622	10.580 ng/ml
Cyclobenzaprine	5.606	174773	3215.9	9.0	1200.9	531159	10.257 ng/ml
Dextromethorphan	5.251	112638	9702.8	73.1	6134.5	496582	11.069 ng/ml
Dextrophan	4.113	131613	5167.6	45.1	4329.8	636295	10.663 ng/ml
Diazepam	5.923	50403	1937.8	85.3	3120.0	217606	10.935 ng/ml
Dihydrocodeine	2.536	53687	1107.6	60.5	723.8	291144	11.507 ng/ml
Diphenhydramine	5.278	467147	7774.4	31.4	3040.4	2133845	10.572 ng/ml
Doxylamine	4.525	552355	4550.4	77.3	4638.1	1910940	10.694 ng/ml
EDDP	5.245	242970	5732.2	41.5	6021.7	1075551	10.625 ng/ml
Etizolam	5.785	45565	12925.1	23.6	47634.8	238068	10.045 ng/ml
Fentanyl	5.088	15213	∞	123.4	7045.0	718759	1.084 ng/ml
Flualprazolam	5.681	27970	1974.3	102.3	2250.8	238068	9.238 ng/ml
Fluoxetine	5.687	176606	3316.8	7.3	11263.4	560678	11.134 ng/ml
Hydrocodone	3.018	56560	∞	33.3	1255.9	285457	10.932 ng/ml
Hydromorphone	1.592	44654	1196.0	73.8	1370.0	134811	10.978 ng/ml
Ketamine	4.047	128895	5726.8	36.3	824.8	575481	11.038 ng/ml
Lamotrigine	4.283	11474	492.7	92.6	4888.9	179783	11.590 ng/ml
Levetiracetam	2.620	48562	2439.2	227.3	3259.5	514498	11.295 ng/ml

AM #28 Multi-Drug Quant. Results

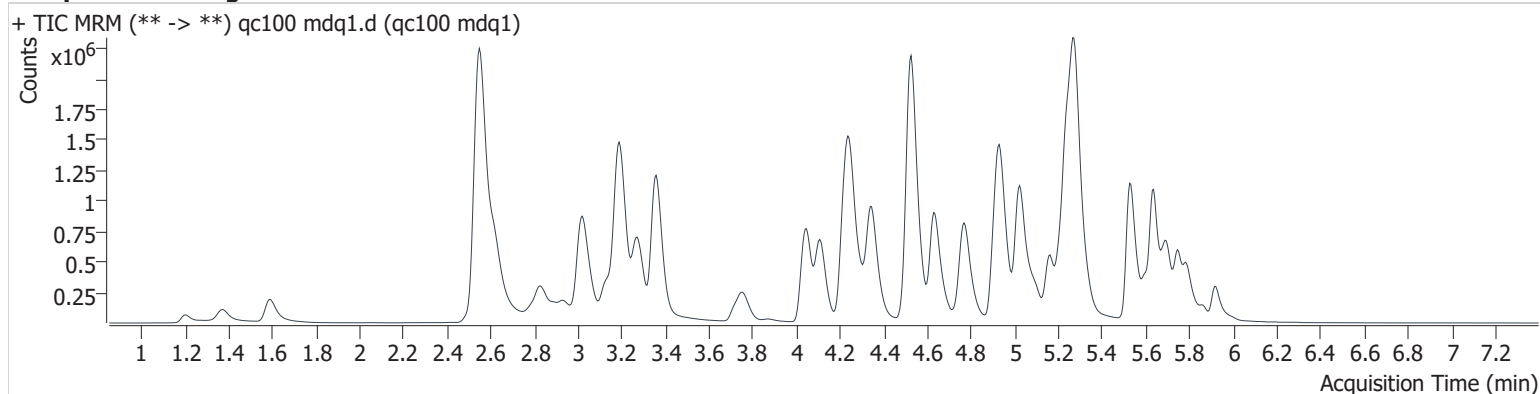
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.729	4135	∞	51.4	∞	20057	9.691 ng/ml
MDA	3.179	127846	4538.5	27.5	817.9	372571	10.837 ng/ml
MDMA	3.276	135030	4587.9	96.4	∞	128376	10.674 ng/ml
Meprobamate	4.900	11609	45253.3	29.6	82.0	31991	11.519 ng/ml
Methadone	5.635	250990	4034.3	56.3	2503.7	1031390	10.577 ng/ml
Methamphetamine	3.195	424082	2153.7	38.3	1555.5	1042329	11.767 ng/ml
Metoprolol	4.303	38746	2744.3	96.1	∞	372571	10.931 ng/ml
Mirtazapine	4.629	368956	7891.3	47.4	14358.4	1031390	12.067 ng/ml
Mitragynine	5.216	57231	7270.7	28.9	32187.5	13622	11.688 ng/ml
Morphine	1.206	9847	1135.1	16.5	644.5	10241	11.499 ng/ml
Norbuprenorphine	4.989	358	∞	113.4	300.9	13622	1.559 ng/ml ocr
Nordiazepam	5.866	13625	∞	65.1	∞	42483	10.482 ng/ml
Norfentanyl	4.068	9463	1938.0	40.3	∞	1012045	0.999 ng/ml
Norhydrocodone	3.049	4973	∞	21.8 Low	471.1	83845	10.443 ng/ml ne
Noroxycodone	2.900	36280	∞	41.7	∞	102342	11.393 ng/ml
O-desmethyl-tramadol	3.358	320588	5039.8	6.3	2015.6	1452973	10.649 ng/ml
Oxazepam	5.730	5711	188.9	107.1 High	65.5	20057	10.211 ng/ml ocr
Oxycodone	2.827	103462	∞	31.0	∞	390799	10.715 ng/ml
Oxymorphone	1.374	35907	11642.6	44.9	∞	116314	10.788 ng/ml
Phentermine	3.760	48856	228.5	10.4	168.5	514498	12.010 ng/ml
Promethazine	5.527	220008	4596.7	41.9	∞	991773	10.445 ng/ml
Pseudoephedrine	2.554	698730	12962.5	24.8	8395.8	3101632	10.523 ng/ml
Quetiapine	5.524	253733	9343.7	62.5	11444.1	339795	11.040 ng/ml
Sertraline	5.750	60547	6658.2	98.3	1691.6	201895	10.992 ng/ml
Temazepam	5.792	43331	4592.9	28.7	105.5	179783	11.266 ng/ml
Tramadol	4.226	310389	13231.0	3.8	252.4	1355182	10.942 ng/ml
Trazodone	5.155	195891	2923.5	78.3	3608.1	654241	11.685 ng/ml
Venlafaxine	5.022	235372	5149.9	37.9	1774.5	1397974	11.341 ng/ml
Zolpidem	4.927	337090	69783.4	28.3	2545.0	1437279	10.676 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 PM

Instrument	69679	Data File	qc100 mdq1.d
Type	QC	Sample	qc100 mdq1
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	11/17/2021 10:48:36 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	22748	5811.1	129.7	2376.1	60039	11.024 ng/ml
7-aminoclonazepam	4.267	134302	5914.3	71.3	6010.9	72215	111.189 ng/ml
a-hydroxyalprazolam	5.676	25063	∞	53.5	12161.2	163976	114.503 ng/ml
alpha-PHP	4.914	1092184	53627.1	40.6	662947.2	365980	114.900 ng/ml
alpha-PVP	4.346	1570497	85583.2	53.9	31397.7	592093	111.002 ng/ml
Alprazolam	5.750	522708	∞	91.8	∞	163976	112.260 ng/ml
Amphetamine	3.021	753492	∞	257.1	54452.8	365980	107.245 ng/ml
Benzoylcegonine	3.870	29016	13931.4	54.0	436.9	9038	109.619 ng/ml
Buprenorphine	5.706	15191	6123.6	18.2	35462.1	58566	10.050 ng/ml
Bupropion	4.769	1466840	∞	70.4	60708.1	581235	111.934 ng/ml
Carisoprodol	5.705	344620	567949.4	62.9	6447.0	132752	109.091 ng/ml
Citalopram	5.212	957517	43566.9	38.9	614857.3	378066	112.671 ng/ml
Clonazepam	5.593	51258	25926.9	34.8	23542.9	8966	124.609 ng/ml
Clonazepam	5.540	105792	134980.6	37.8	∞	163976	122.677 ng/ml
Cocaine	4.245	1165922	762224.3	50.7	295893.9	893904	111.213 ng/ml
Codeine	2.588	142058	∞	95.1	5723.0	56842	110.168 ng/ml
Cyclobenzaprine	5.606	501929	14554.3	8.2	3081.5	152489	112.371 ng/ml
Dextromethorphan	5.251	626639	3658945.1	75.6	164401.6	282176	112.685 ng/ml
Dextrophan	4.113	1079039	83658.3	44.5	∞	517656	113.212 ng/ml
Diazepam	5.923	373936	30887.4	87.9	21585.9	167461	111.247 ng/ml
Dihydrocodeine	2.536	394468	5646.0	61.0	2906.2	243806	116.716 ng/ml
Diphenhydramine	5.278	3107963	104788.7	31.2	40058.7	1427138	108.870 ng/ml
Doxylamine	4.525	3893685	472541.9	77.9	114970.1	1388842	110.859 ng/ml
EDDP	5.245	1910194	∞	42.8	1941192.5	888757	108.491 ng/ml
Etizolam	5.785	341742	∞	22.8	∞	163976	111.258 ng/ml
Fentanyl	5.088	63476	6214.4	123.0	52948.5	306941	11.130 ng/ml
Flualprazolam	5.681	225340	5501.4	90.7	11138.6	163976	118.080 ng/ml
Fluoxetine	5.687	285812	11227.5	7.5	∞	95360	112.237 ng/ml
Hydrocodone	3.018	464301	∞	37.2	∞	237239	117.060 ng/ml
Hydromorphone	1.592	390296	∞	74.3	1381318722 49148.0	116109	114.118 ng/ml
Ketamine	4.052	1033273	∞	37.0	11589.6	484240	115.895 ng/ml
Lamotrigine	4.288	83546	265407.6	91.0	17400.0	144361	122.366 ng/ml

AM #28 Multi-Drug Quant. Results

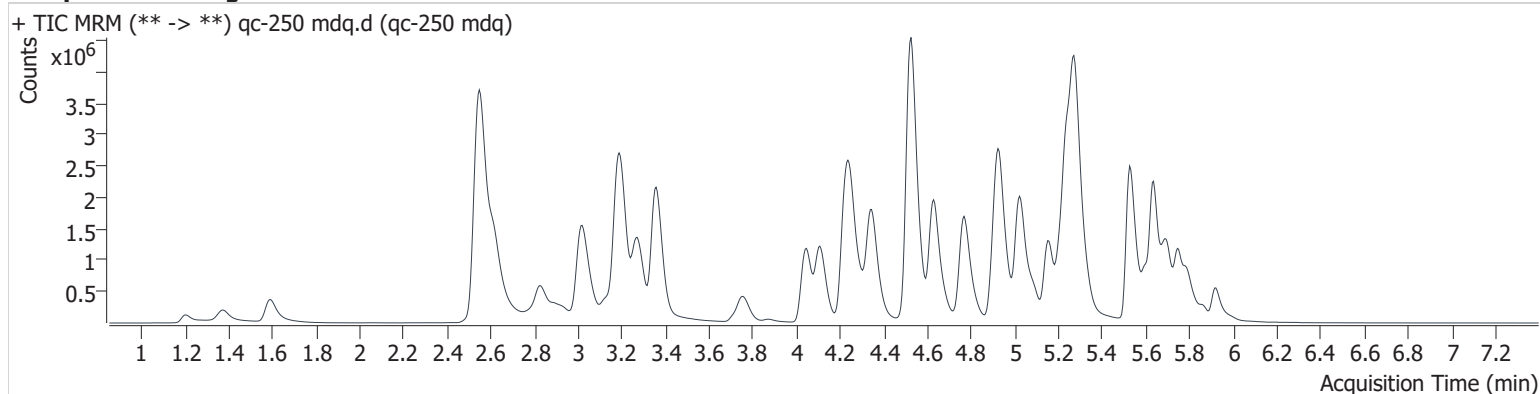
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.625	392654	21134.0	227.0	21355.8	441863	114.975 ng/ml
Lorazepam	5.723	33545	927.5	47.5	∞	16583	114.052 ng/ml
MDA	3.179	896463	34377.0	27.3	6386.1	278036	115.386 ng/ml
MDMA	3.271	1063673	356302.1	95.2	72393.2	104032	112.094 ng/ml
Meprobamate	4.894	89985	125609.6	30.0	4302.5	26806	123.962 ng/ml
Methadone	5.635	1562125	70033.7	54.5	3579607.7	648446	107.942 ng/ml
Methamphetamine	3.195	2316237	6804.8	39.6	37749.7	902207	117.789 ng/ml
Metoprolol	4.308	282521	341298.4	97.5	∞	278036	110.889 ng/ml
Mirtazapine	4.634	2059795	90453.3	47.4	801726.8	648446	125.062 ng/ml
Mitragynine	5.222	298661	228082.1	31.7	13774.2	11523	87.617 ng/ml
Morphine	1.206	78560	35969.4	17.4	1478.3	9194	113.034 ng/ml
Norbuprenorphine	4.989	1982	∞	112.5	∞	11523	9.804 ng/ml
Nordiazepam	5.866	100970	∞	62.1	∞	30559	113.198 ng/ml
Norfentanyl	4.063	75475	2332.4	41.2	∞	827244	11.759 ng/ml
Norhydrocodone	3.054	45804	∞	27.3	∞	67113	117.974 ng/ml
Noroxycodone	2.900	286676	∞	45.9	∞	88769	111.464 ng/ml
O-desmethyl-tramadol	3.358	2670635	812690.2	6.3	29120.4	1230404	111.307 ng/ml
Oxazepam	5.730	43612	3592.3	72.5	302.2	16583	112.263 ng/ml
Oxycodone	2.827	858298	∞	29.3	∞	332716	112.361 ng/ml
Oxymorphone	1.369	306281	∞	44.2	∞	100401	114.163 ng/ml
Phentermine	3.760	377998	7383.8	10.1	1146.0	441863	120.565 ng/ml
Promethazine	5.527	683573	82026.4	41.5	28939.3	310850	107.325 ng/ml
Pseudoephedrine	2.554	5413847	93012.7	24.8	30448.3	2428927	110.203 ng/ml
Quetiapine	5.529	1386674	∞	63.8	∞	196103	115.637 ng/ml
Sertraline	5.750	88011	149999.2	99.7	26577.9	30261	111.882 ng/ml
Temazepam	5.792	331845	10559.1	28.0	759.8	144361	108.740 ng/ml
Tramadol	4.226	2493226	111036.4	3.6	2039.7	1146438	115.771 ng/ml
Trazodone	5.160	969484	109278.8	82.0	∞	364697	116.180 ng/ml
Venlafaxine	5.022	1948685	71963.0	38.5	12052.0	1146559	102.505 ng/ml
Zolpidem	4.933	2563420	604458.2	28.8	45775.7	1127131	111.818 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-C2	Comment	
Injection Volume	3		
Acq. Date-Time	11/17/2021 7:21:24 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	49256	∞	132.0	∞	53411	27.023 ng/ml
7-aminoclonazepam	4.261	226118	7429.7	75.4	4517.4	48608	279.084 ng/ml
a-hydroxyalprazolam	5.676	47508	4509.9	57.5	∞	138859	258.843 ng/ml
alpha-PHP	4.909	2258986	115075.8	40.5	103247.7	320654	273.228 ng/ml
alpha-PVP	4.346	3422922	134170.6	53.7	43923.5	526790	272.845 ng/ml
Alprazolam	5.750	1066466	12106.1	91.7	∞	138859	271.466 ng/ml
Amphetamine	3.021	1423719	13731.1	246.5	204816.1	320654	233.783 ng/ml
Benzoylcegonine	3.875	64798	5211.2	52.3	1970.1	8393	266.306 ng/ml
Buprenorphine	5.701	35311	42930.9	18.0	5344.1	54684	24.973 ng/ml
Bupropion	4.769	3340239	∞	69.6	51331.5	548216	271.190 ng/ml
Carisoprodol	5.705	690787	516830.6	60.5	14503.2	104953	277.263 ng/ml
Citalopram	5.212	1988574	13435.6	39.9	16124.2	323288	275.069 ng/ml
Clonazepam	5.593	108236	∞	34.0	25685.6	8217	288.655 ng/ml
Clonazepam	5.540	211456	10705.2	41.0	600702.0	138859	291.940 ng/ml
Cocaine	4.245	2388005	104364.9	49.4	155973.8	752575	271.709 ng/ml
Codeine	2.583	268650	95960.7	96.9	∞	43387	274.103 ng/ml
Cyclobenzaprine	5.606	1371044	83177.5	8.7	30523.4	172963	272.139 ng/ml
Dextromethorphan	5.251	1321983	64564.5	76.1	158469.6	245659	273.761 ng/ml
Dextrophan	4.108	2362606	∞	43.5	53698.5	454836	283.066 ng/ml
Diazepam	5.923	815616	14907.6	86.6	116224.3	148266	275.050 ng/ml
Dihydrocodeine	2.531	778587	2041.5	61.2	5335.8	218248	259.788 ng/ml
Diphenhydramine	5.278	6821461	52678.4	30.8	269627.7	1257448	271.814 ng/ml
Doxylamine	4.528	8727216	170290.5	78.2	239218.9	1244552	278.517 ng/ml
EDDP	5.240	4290966	128004.0	43.2	1906104.6	802186	271.303 ng/ml
Etizolam	5.785	711497	∞	22.7	936358.4	138859	273.810 ng/ml
Fentanyl	5.088	166987	66630.8	124.0	524383.2	331739	27.179 ng/ml
Flualprazolam	5.681	448047	5914.2	94.7	∞	138859	278.511 ng/ml
Fluoxetine	5.687	817797	47741.9	7.4	∞	113189	271.601 ng/ml
Hydrocodone	3.018	1003763	∞	36.1	∞	216763	278.371 ng/ml
Hydromorphone	1.592	849074	∞	67.6	∞	102945	280.437 ng/ml
Ketamine	4.047	2182188	242477.6	37.6	49836.4	428329	278.458 ng/ml
Lamotrigine	4.283	166467	4732.3	87.7	10057.5	114618	310.316 ng/ml
Levetiracetam	2.620	849741	30076.9	224.6	118711.9	397012	278.372 ng/ml

AM #28 Multi-Drug Quant. Results

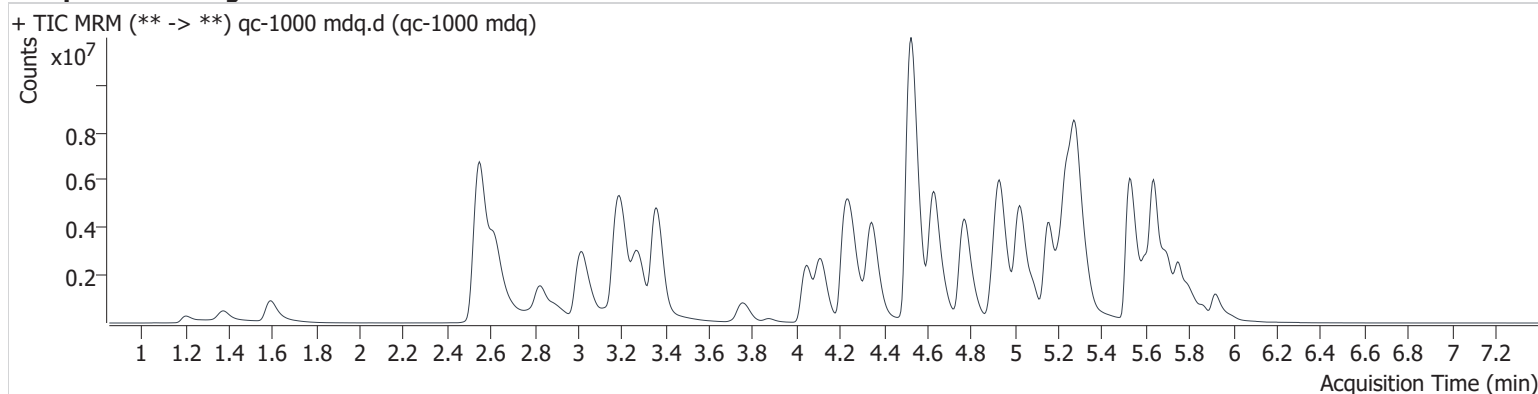
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	69171	∞	49.6	2092.6	14317	275.376 ng/ml
MDA	3.173	1616297	37301.3	27.3	11235.9	211466	275.741 ng/ml
MDMA	3.271	2211500	∞	95.1	38933.4	91515	266.236 ng/ml
Meprobamate	4.894	175813	∞	30.2	1851.6	23894	274.224 ng/ml
Methadone	5.635	3727506	79812.2	54.4	118131.3	625367	267.609 ng/ml
Methamphetamine	3.195	4664033	8436.4	38.8	∞	831781	266.974 ng/ml
Metoprolol	4.308	540689	51580.1	93.6	∞	211466	279.731 ng/ml
Mirtazapine	4.629	4529162	296399.9	47.6	∞	625367	288.049 ng/ml
Mitragynine	5.216	707902	85300.5	32.7	54160.8	9083	269.468 ng/ml
Morphine	1.206	171387	6649.2	16.3	1089.8	7943	287.526 ng/ml
Norbuprenorphine	4.983	4474	∞	102.5	152.8	9083	27.942 ng/ml
Nordiazepam	5.866	212075	∞	60.9	∞	27512	264.839 ng/ml
Norfentanyl	4.063	155086	14909.0	38.8	607644.3	703481	28.739 ng/ml
Norhydrocodone	3.054	102316	∞	29.8	∞	62646	282.030 ng/ml ne
Noroxycodone	2.900	587139	∞	44.2	∞	75488	269.787 ng/ml
O-desmethyl-tramadol	3.358	5911613	208614.6	6.1	1082630.8	1096001	277.700 ng/ml
Oxazepam	5.730	91457	14532.8	71.3	∞	14317	275.784 ng/ml
Oxycodone	2.827	1886465	∞	29.3	∞	304620	271.013 ng/ml
Oxymorphone	1.374	664338	∞	44.3	102208.4	90597	275.618 ng/ml
Phentermine	3.760	794505	2052.6	9.0	13384.7	397012	284.110 ng/ml
Promethazine	5.527	1990625	116826.5	40.6	52571.6	366614	265.624 ng/ml
Pseudoephedrine	2.555	10819304	∞	24.5	82671.1	1979529	271.228 ng/ml
Quetiapine	5.524	3040027	∞	62.8	207494.8	183132	273.233 ng/ml
Sertraline	5.756	271807	6752.3	100.8	12901.3	39155	267.878 ng/ml
Temazepam	5.792	636581	32895.9	28.6	1904.8	114618	262.940 ng/ml
Tramadol	4.226	5266444	125799.6	3.5	3065.1	1038580	271.801 ng/ml
Trazodone	5.149	2408796	99908.0	80.0	105927.1	372827	284.627 ng/ml
Venlafaxine	5.022	4371266	117271.7	37.7	25742.7	1021937	255.981 ng/ml
Zolpidem	4.927	5411701	171863.2	29.1	122959.1	963478	277.558 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-D2 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 7:30:26 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	133450	393831.9	133.2	∞	36094	108.742 ng/ml
7-aminoclonazepam	4.267	391230	114613.5	77.9	6442.6	20577	1142.613 ng/ml
a-hydroxyalprazolam	5.671	109998	2999.7	56.2	1783.3	80807	1035.949 ng/ml
alpha-PHP	4.904	5356187	242232.9	39.5	71005.2	234270	889.995 ng/ml
alpha-PVP	4.346	9376398	452649.5	53.0	294559.2	354261	1113.353 ng/ml
Alprazolam	5.750	2412369	7371.9	92.0	3058.4	80807	1057.248 ng/ml
Amphetamine	3.016	2943190	30717.2	242.2	∞	234270	665.453 ng/ml ocr
Benzoylcegonine	3.875	240306	12275.7	54.4	8774.9	7775	1071.756 ng/ml
Buprenorphine	5.701	71422	120851.4	16.4	16203.1	26077	105.822 ng/ml
Bupropion	4.769	9925927	12461499.3	66.8	212726.6	406551	1088.695 ng/ml
Carisoprodol	5.705	1401615	45125093.7	58.1	32811.8	54447	1085.699 ng/ml
Citalopram	5.207	4271434	75801.5	41.0	250390.1	176323	1086.246 ng/ml
Clonazepam	5.593	255462	673935.5	35.8	260261.0	5003	1122.404 ng/ml
Clonazepam	5.545	461969	∞	40.3	∞	80807	1100.832 ng/ml
Cocaine	4.250	5776571	273702.8	49.5	199824.9	456886	1085.030 ng/ml
Codeine	2.588	597427	20850.8	94.4	15107.9	22237	1191.895 ng/ml
Cyclobenzaprine	5.606	4410439	270637.5	8.2	7422.9	140866	1078.094 ng/ml
Dextromethorphan	5.251	3053071	58525.5	75.9	55199.9	140116	1109.972 ng/ml
Dextrophan	4.113	6345634	684163.6	43.4	621888.2	296051	1170.023 ng/ml
Diazepam	5.923	2135184	63435.9	86.5	∞	98433	1086.571 ng/ml
Dihydrocodeine	2.526	1807486	1611.3	61.8	11766.9	167299	790.874 ng/ml ocr
Diphenhydramine	5.283	16946809	∞	30.4	104884.9	745676	1140.056 ng/ml
Doxylamine	4.525	25892031	1167854.7	82.8	∞	962344	1070.952 ng/ml
EDDP	5.240	11703146	461809.6	41.8	78035.1	522171	1139.521 ng/ml
Etizolam	5.785	1700019	174826.9	22.9	13164.9	80807	1124.820 ng/ml
Fentanyl	5.088	670082	326825.5	129.2	2447100.4	318185	113.907 ng/ml
Flualprazolam	5.681	930526	68152.3	95.9	13992.8	80807	996.376 ng/ml
Fluoxetine	5.693	1921495	49919.4	7.4	∞	64056	1129.971 ng/ml
Hydrocodone	3.018	2662846	∞	40.0	7289941468	166105	966.220 ng/ml
Hydromorphone	1.592	2474965	∞	75.0	∞	79159	1063.897 ng/ml
Ketamine	4.047	5827994	644170.4	37.0	∞	304702	1048.884 ng/ml
Lamotrigine	4.283	267564	117294.2	94.3	9611.9	63365	906.293 ng/ml

AM #28 Multi-Drug Quant. Results

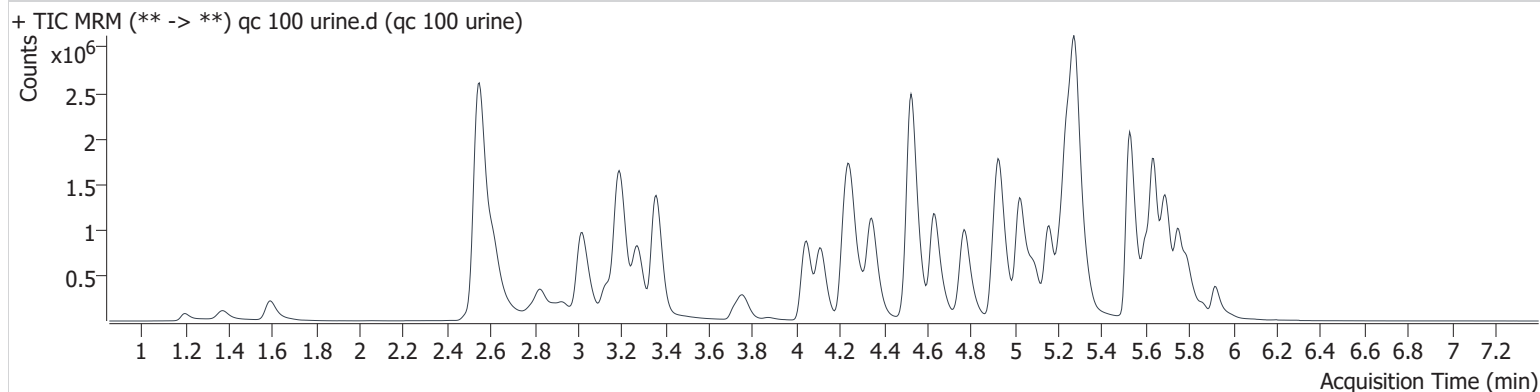
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Levetiracetam	2.625	2396708	220360.1	225.6	295014.0	298336	1047.671	ng/ml
Lorazepam	5.723	187767	11733.3	50.3	5083.1	10476	1027.442	ng/ml
MDA	3.163	2639479	114302.8	26.9	7403.6	116011	823.993	ng/ml ocr
MDMA	3.271	5370526	152482.0	93.6	210137.7	54643	1085.732	ng/ml
Meprobamate	4.889	370451	1444400.5	29.8	∞	18208	761.955	ng/ml ocr
Methadone	5.635	11952916	417083.2	49.8	112215.4	466123	1152.505	ng/ml
Methamphetamine	3.190	11145226	131310.8	37.6	74134.2	692551	781.553	ng/ml ocr
Metoprolol	4.308	1047930	134142.2	97.7	∞	116011	989.427	ng/ml
Mirtazapine	4.629	14079757	501046.9	45.3	2512692.2	466123	1208.578	ng/ml
Mitragynine	5.211	1679383	113277.0	35.1	∞	6456	906.440	ng/ml
Morphine	1.206	448005	10223.7	16.0	398.0	5541	1081.125	ng/ml
Norbuprenorphine	4.983	12455	∞	101.5	4361.7	6456	109.234	ng/ml
Nordiazepam	5.866	537561	∞	60.9	73394.0	17560	1053.383	ng/ml
Norfentanyl	4.068	332881	36854.7	39.7	22155.9	409246	106.652	ng/ml
Norhydrocodone	3.060	242220	∞	33.2	∞	29722	1406.452	ng/ml ne
Noroxycodone	2.895	1521062	∞	44.5	∞	50403	1049.491	ng/ml
O-desmethyl-tramadol	3.358	16453966	1232091.8	5.9	55037.9	761965	1114.004	ng/ml
Oxazepam	5.730	244765	251193.9	72.3	5357.5	10476	1014.509	ng/ml
Oxycodone	2.827	5746933	∞	29.0	∞	241129	1045.594	ng/ml
Oxymorphone	1.374	1895958	385538.6	44.0	325392.5	69619	1025.916	ng/ml
Phentermine	3.755	2022265	∞	8.1	11205.1	298336	966.018	ng/ml
Promethazine	5.527	7068897	388757.8	38.4	68999.9	315937	1095.880	ng/ml
Pseudoephedrine	2.550	24503537	∞	23.9	∞	1094578	1113.031	ng/ml
Quetiapine	5.524	7676256	∞	62.8	∞	131139	966.779	ng/ml ocr
Sertraline	5.756	446634	155394.0	92.4	23434.0	14993	1151.570	ng/ml
Temazepam	5.798	1427717	50290.0	28.7	6547.4	63365	1067.178	ng/ml
Tramadol	4.221	13445467	197413.7	3.3	10424.8	665713	1086.753	ng/ml
Trazodone	5.155	7792907	2366532.0	80.1	373476.4	353134	975.989	ng/ml
Venlafaxine	5.022	12992163	381916.5	36.3	44143.7	699493	1107.133	ng/ml
Zolpidem	4.933	14644697	264748.6	28.0	149603.7	666567	1088.447	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 PM

Instrument 69679 **Data File** qc 100 urine.d
Type QC **Sample** qc 100 urine
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-E2 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 7:48:23 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	25837	∞	128.8	∞	66616	11.287 ng/ml
7-aminoclonazepam	4.267	170077	8130.1	75.4	21179.8	90785	112.010 ng/ml
a-hydroxyalprazolam	5.676	26428	∞	56.5	1568.7	188579	104.818 ng/ml
alpha-PHP	4.915	1258205	142143.5	40.5	14167.8	396930	122.136 ng/ml
alpha-PVP	4.351	1833404	76000.1	53.9	21626.8	702636	109.187 ng/ml
Alprazolam	5.750	599458	∞	91.0	2230.1	188579	111.945 ng/ml
Amphetamine	3.016	829439	15537.5	249.0	74382.4	396930	108.882 ng/ml
Benzoylcegonine	3.875	35599	∞	53.2	475.8	10382	117.208 ng/ml
Buprenorphine	5.706	22028	31291.9	16.4	8275.8	75697	11.271 ng/ml
Bupropion	4.769	1774110	71181.4	69.4	87269.0	705304	111.564 ng/ml
Carisoprodol	5.705	372727	1299621.6	62.4	13423.5	143679	109.015 ng/ml
Citalopram	5.212	1262234	14641.6	40.2	10305.2	503016	111.624 ng/ml
Clonazepam	5.593	50120	40538.3	33.9	695054.9	9504	114.850 ng/ml
Clonazepam	5.540	75326	702577.8	39.0	51525.5	188579	75.286 ng/ml
Cocaine	4.250	1191644	236024.7	50.4	73594.9	928434	109.426 ng/ml
Codeine	2.583	154551	13763.7	97.2	14159.2	61959	109.956 ng/ml
Cyclobenzaprine	5.606	1475399	330929.7	8.3	2141.1	467717	107.645 ng/ml
Dextromethorphan	5.251	980910	223353.9	75.5	43764.9	437081	113.882 ng/ml
Dextrophan	4.113	1284597	75048.5	45.0	94029.7	625971	111.448 ng/ml
Diazepam	5.923	465158	10246.0	87.9	1898.6	206249	112.367 ng/ml
Dihydrocodeine	2.531	439467	953.7	62.1	957.6	282165	112.278 ng/ml
Diphenhydramine	5.278	4267610	59538.9	31.2	105184.6	1986924	107.369 ng/ml
Doxylamine	4.525	4414035	114555.1	77.6	112782.9	1550649	112.573 ng/ml
EDDP	5.245	2225114	137878.5	42.5	37890.8	1017541	110.397 ng/ml
Etizolam	5.785	378981	∞	23.3	1159116.8	188579	107.278 ng/ml
Fentanyl	5.088	153962	23636.0	127.1	393694.3	741638	11.173 ng/ml
Flualprazolam	5.681	253503	∞	94.0	47239.0	188579	115.487 ng/ml
Fluoxetine	5.687	1502473	150678.2	7.6	92540.1	505821	111.225 ng/ml
Hydrocodone	3.018	540726	∞	37.4	∞	276850	116.820 ng/ml
Hydromorphone	1.592	450133	∞	69.2	14539.4	137655	111.005 ng/ml
Ketamine	4.052	1187277	36882.1	36.9	8963.4	560333	115.076 ng/ml
Lamotrigine	4.288	92131	3600.4	89.6	20125.6	205721	94.207 ng/ml
Levetiracetam	2.620	479868	15297.8	224.4	∞	521955	118.987 ng/ml

AM #28 Multi-Drug Quant. Results

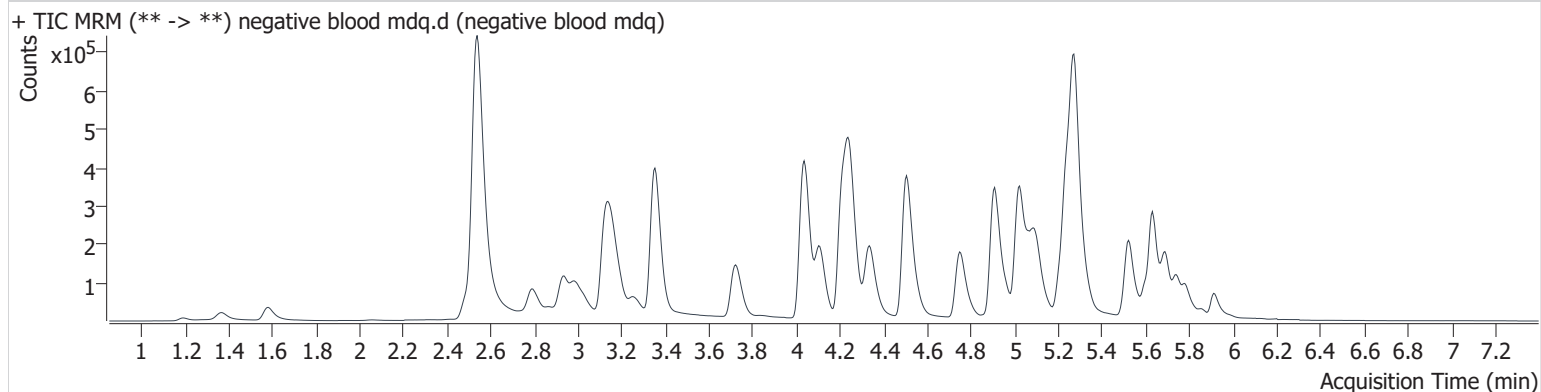
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	41316	∞	53.8	971.1	20852	111.666 ng/ml
MDA	3.179	925569	81891.7	27.3	11547.3	291669	113.538 ng/ml
MDMA	3.271	1260340	250753.0	93.3	113820.0	123951	111.470 ng/ml
Meprobamate	4.900	104569	∞	30.1	1207.7	33409	115.439 ng/ml
Methadone	5.635	2418612	213888.1	54.2	51963.9	1018706	106.376 ng/ml
Methamphetamine	3.195	2658146	162133.7	39.4	66504.6	1058991	114.981 ng/ml
Metoprolol	4.308	328754	170522.3	97.4	∞	291669	123.055 ng/ml
Mirtazapine	4.634	2695880	83490.2	47.7	38441.5	1018706	103.811 ng/ml
Mitragynine	5.217	583469	2545420.6	33.2	72584.0	15521	128.426 ng/ml
Morphine	1.201	95579	8599.0	16.4	685.0	11748	107.553 ng/ml
Norbuprenorphine	4.989	2868	361.6	100.4	∞	15521	10.526 ng/ml
Nordiazepam	5.866	112059	∞	63.1	788000.0	35533	108.018 ng/ml
Norfentanyl	4.068	82261	5869.5	38.4	4271.2	880002	12.054 ng/ml
Norhydrocodone	3.054	49929	∞	26.7	∞	79499	108.580 ng/ml ne
Noroxycodone	2.900	328604	∞	45.4	∞	100785	112.543 ng/ml
O-desmethyl-tramadol	3.358	3043481	145907.8	6.3	∞	1411851	110.540 ng/ml
Oxazepam	5.730	52375	1298.0	78.0	1648.8	20852	107.117 ng/ml
Oxycodone	2.827	982709	∞	29.5	∞	378436	113.112 ng/ml
Oxymorphone	1.374	308192	43870.2	44.3	61538.0	101731	113.368 ng/ml
Phentermine	3.760	430657	3167.4	9.8	1514.2	521955	116.229 ng/ml
Promethazine	5.527	2122171	104682.8	40.5	40059.5	955000	108.458 ng/ml
Pseudoephedrine	2.550	6381508	∞	24.6	∞	2832870	111.386 ng/ml
Quetiapine	5.524	1740551	2172878.2	62.6	∞	253258	112.354 ng/ml
Sertraline	5.750	447483	69383.2	97.6	19713.8	157221	109.475 ng/ml
Temazepam	5.793	475264	10469.8	29.4	7572.3	205721	109.286 ng/ml
Tramadol	4.226	2955055	92564.2	3.7	3383.4	1373804	114.491 ng/ml
Trazodone	5.155	1852632	138385.2	79.6	189847.6	680251	119.066 ng/ml
Venlafaxine	5.027	2358097	113500.1	38.1	9503.1	1389950	102.323 ng/ml
Zolpidem	4.927	3052728	84130.7	28.8	54438.9	1318681	113.836 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-F2	Comment	
Injection Volume	3		
Acq. Date-Time	11/17/2021 7:57:25 PM		
Sample Info.			

Sample Chromatogram

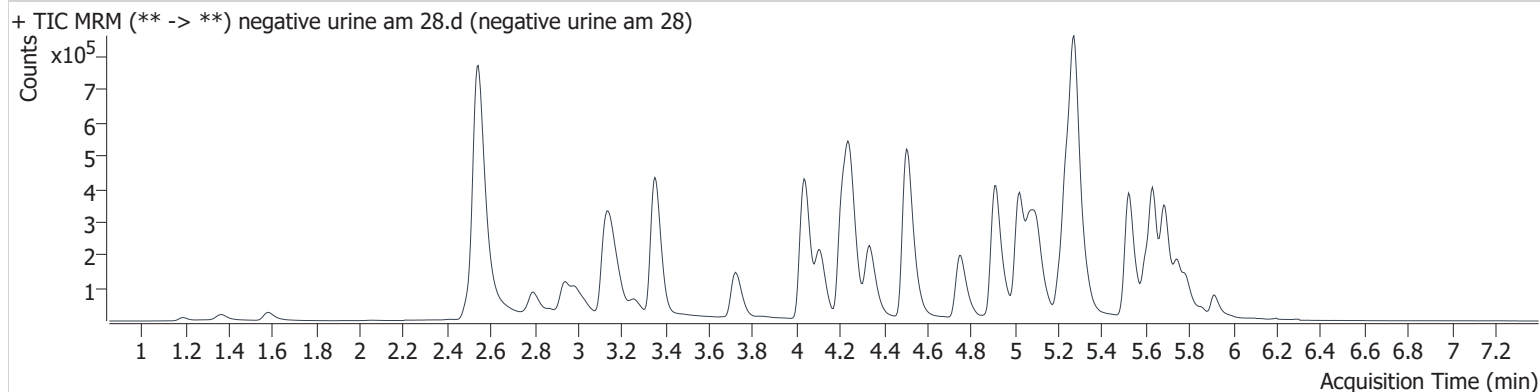


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 PM

Instrument	69679	Data File	negative urine am 28.d
Type	Sample	Sample	negative urine am 28
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C11	Comment	
Injection Volume	3		
Acq. Date-Time	11/17/2021 9:54:44 PM		
Sample Info.			

Sample Chromatogram

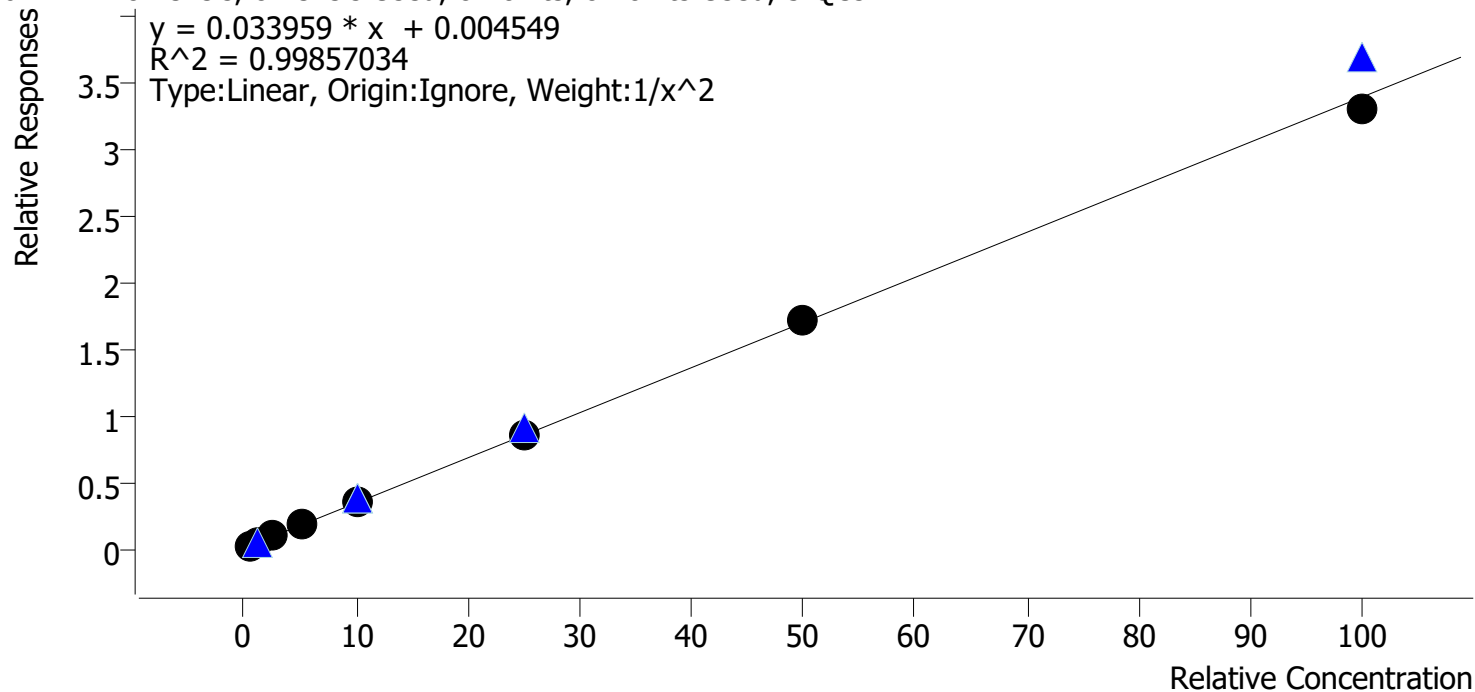


Compound Calibration Report



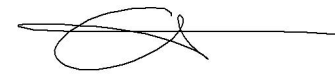
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Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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

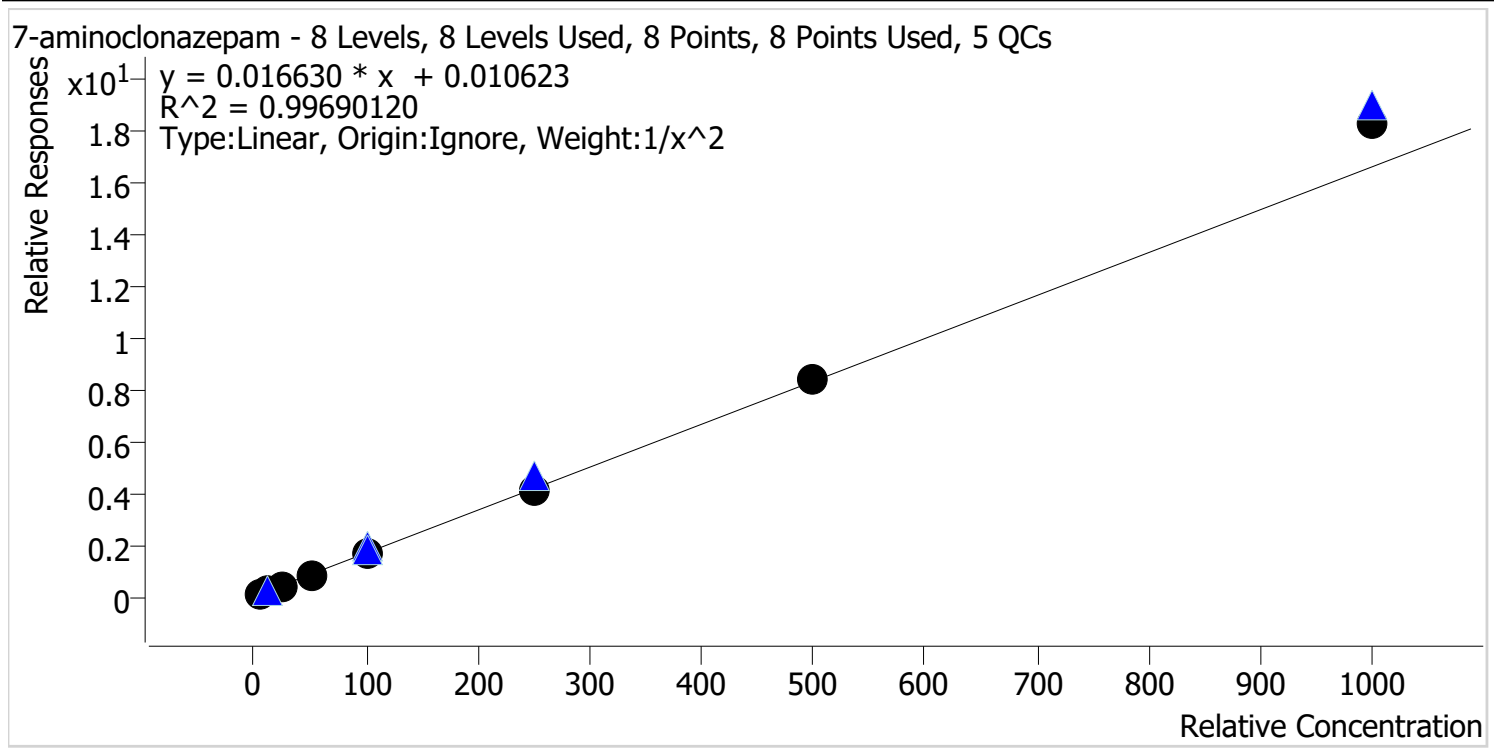


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	102.4
cal 2 mdq	2	✓	1.0	0.9	93.4
cal 3 mdq	3	✓	2.5	2.6	103.8
cal 4 mdq	4	✓	5.0	5.0	100.0
cal 5 mdq	5	✓	10.0	10.1	101.0
cal 6 mdq	6	✓	25.0	25.3	101.2
cal 7 mdq	7	✓	50.0	50.5	101.1
cal 8 mdq	8	✓	100.0	97.1	97.1

Compound Calibration Report

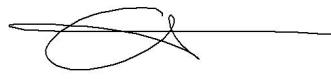


Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

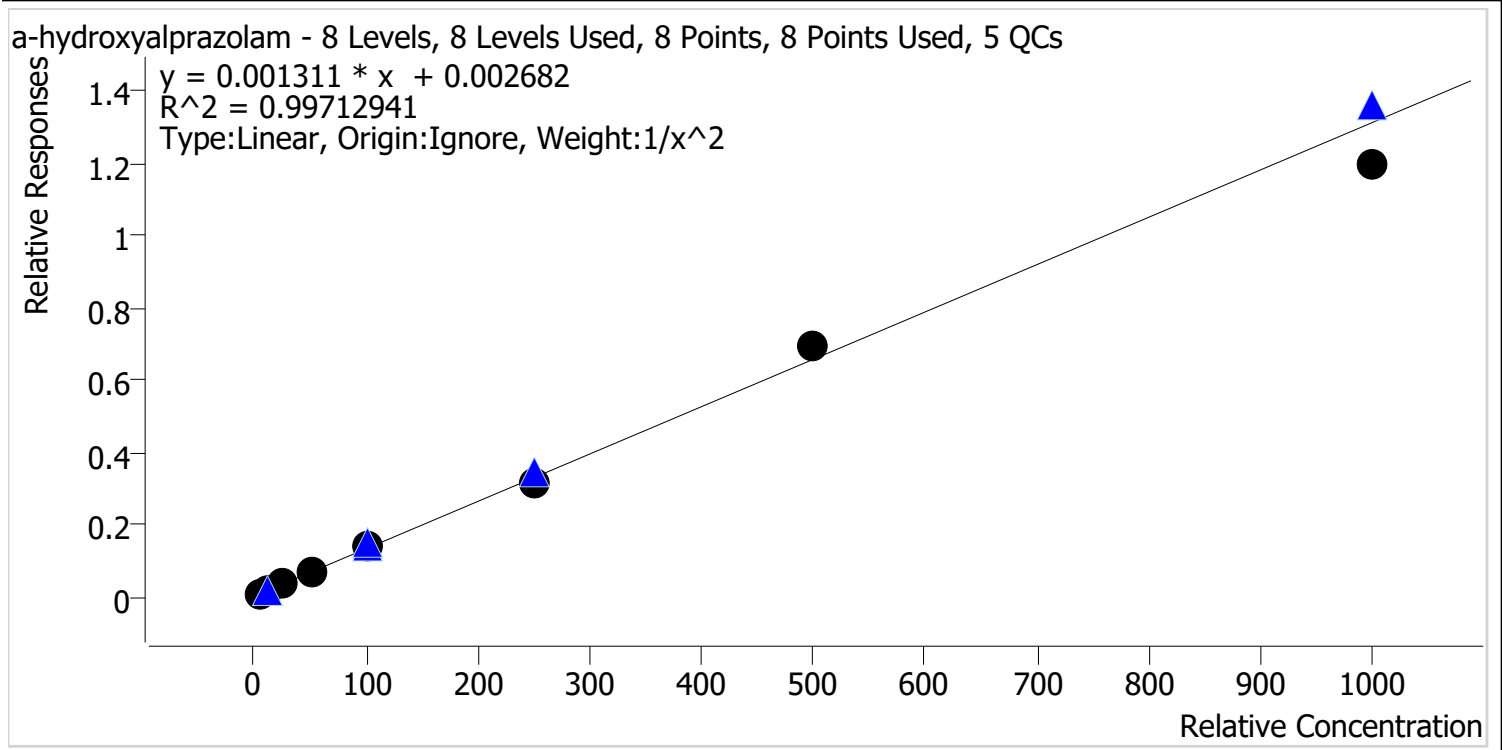


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.0
cal 2 mdq	2	✓	10.0	9.6	96.0
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	48.4	96.8
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	242.8	97.1
cal 7 mdq	7	✓	500.0	502.7	100.5
cal 8 mdq	8	✓	1000.0	1104.5	110.5

Compound Calibration Report

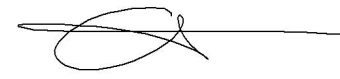


Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



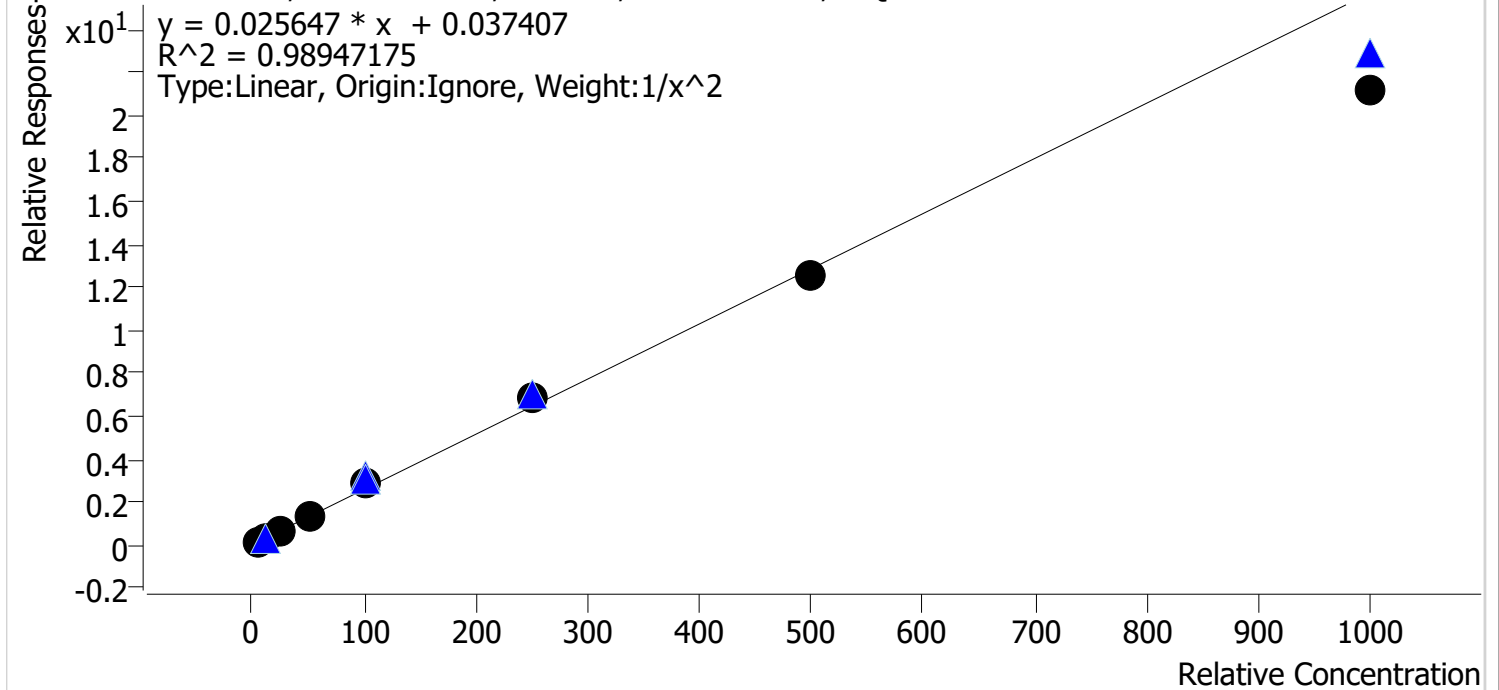
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	25.8	103.1
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	238.7	95.5
cal 7 mdq	7	✓	500.0	524.7	104.9
cal 8 mdq	8	✓	1000.0	913.9	91.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** Amphetamine-D11

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



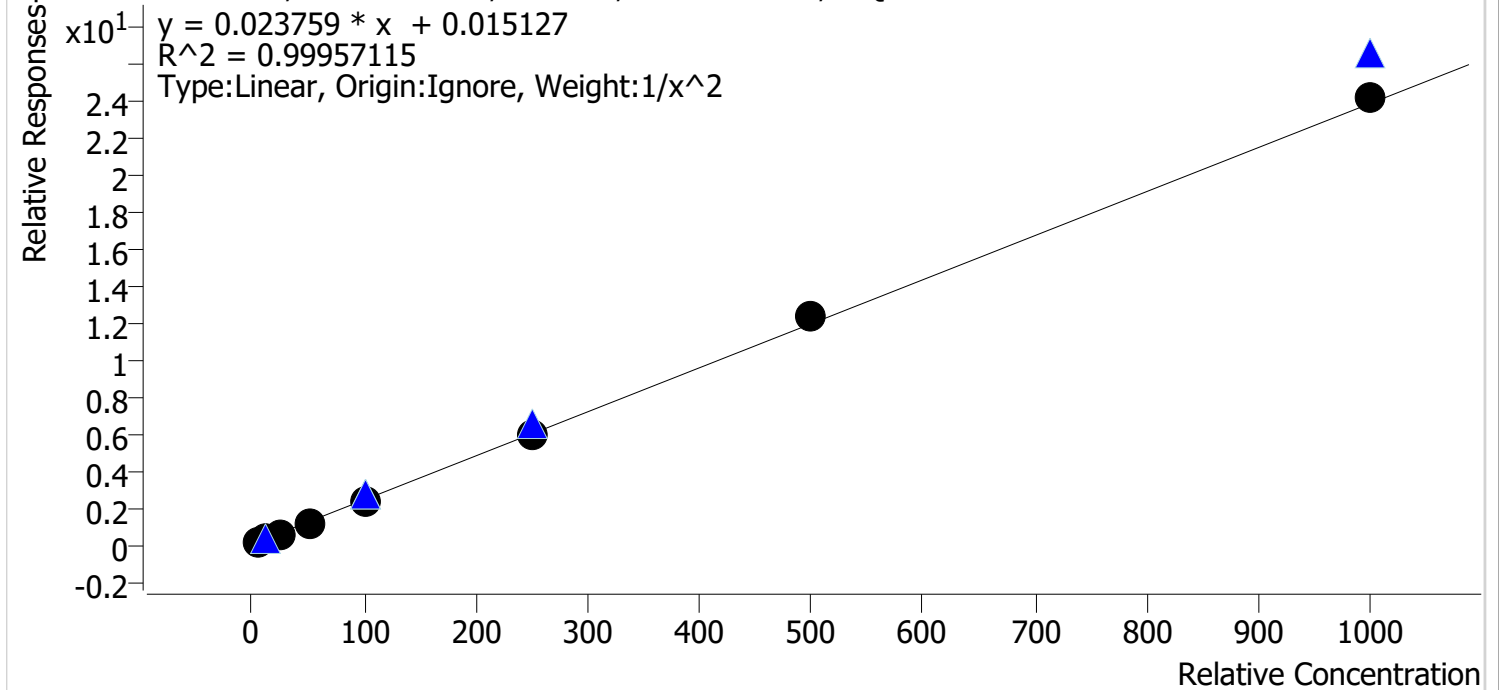
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	25.5	102.1
cal 4 mdq	4	✓	50.0	53.1	106.3
cal 5 mdq	5	✓	100.0	110.9	110.9
cal 6 mdq	6	✓	250.0	265.2	106.1
cal 7 mdq	7	✓	500.0	485.1	97.0
cal 8 mdq	8	✓	1000.0	823.0	82.3

Compound Calibration Report



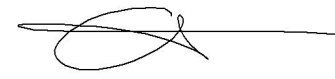
Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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

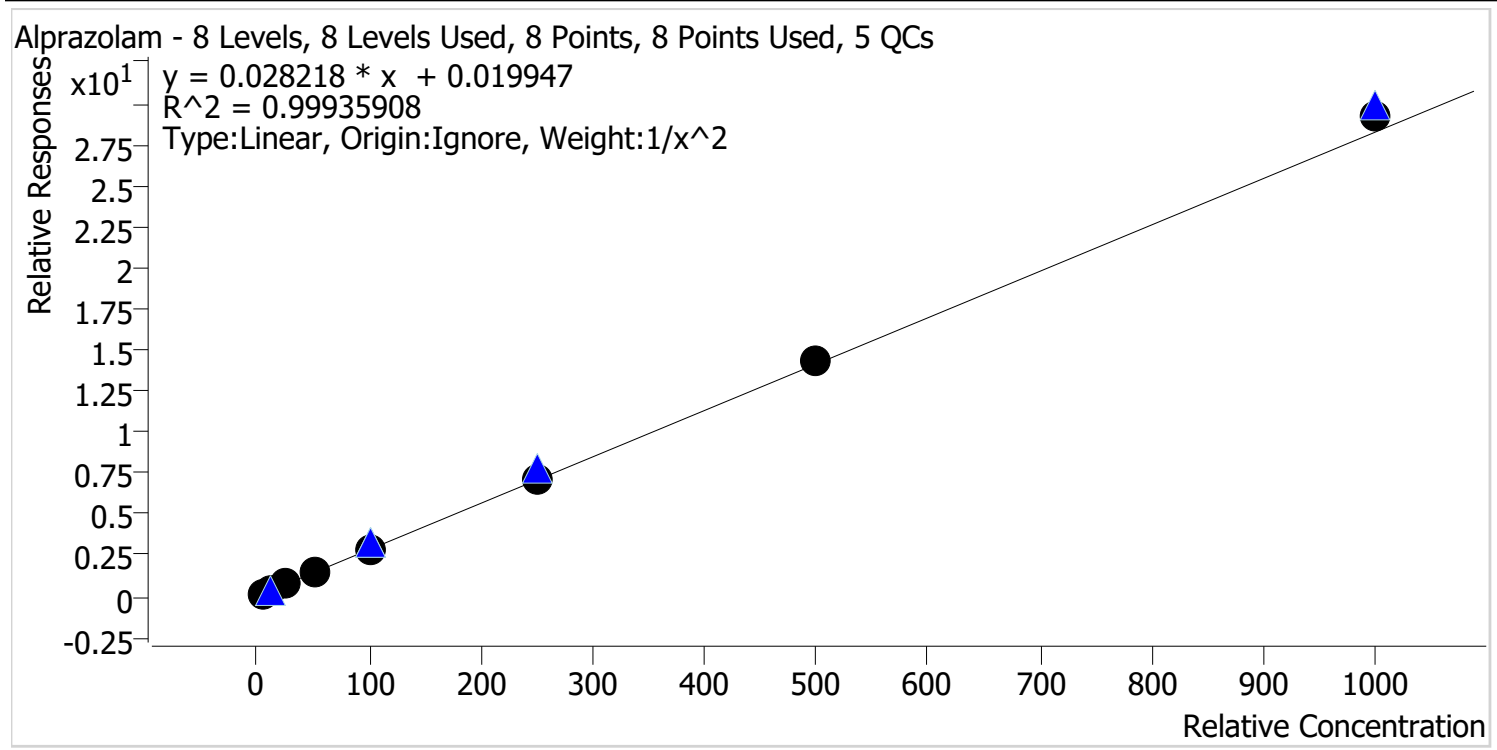


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	49.0	98.1
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	249.8	99.9
cal 7 mdq	7	✓	500.0	515.9	103.2
cal 8 mdq	8	✓	1000.0	1011.3	101.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



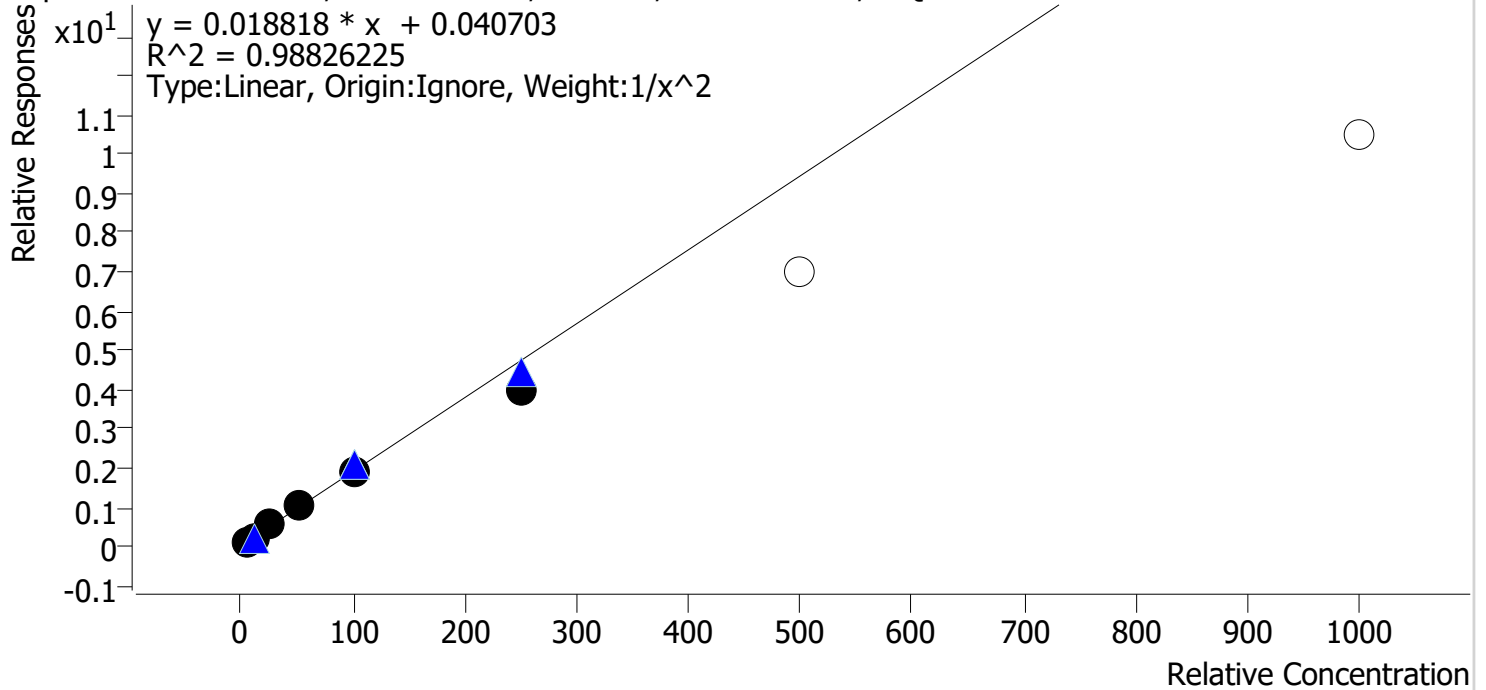
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	504.8	101.0
cal 8 mdq	8	✓	1000.0	1033.9	103.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

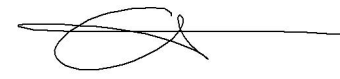
Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.4
cal 2 mdq	2	✓	10.0	10.5	105.4
cal 3 mdq	3	✓	25.0	26.9	107.7
cal 4 mdq	4	✓	50.0	52.9	105.8
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	210.6	84.2
cal 7 mdq	7	✗	500.0	370.3	74.1
cal 8 mdq	8	✗	1000.0	554.5	55.4

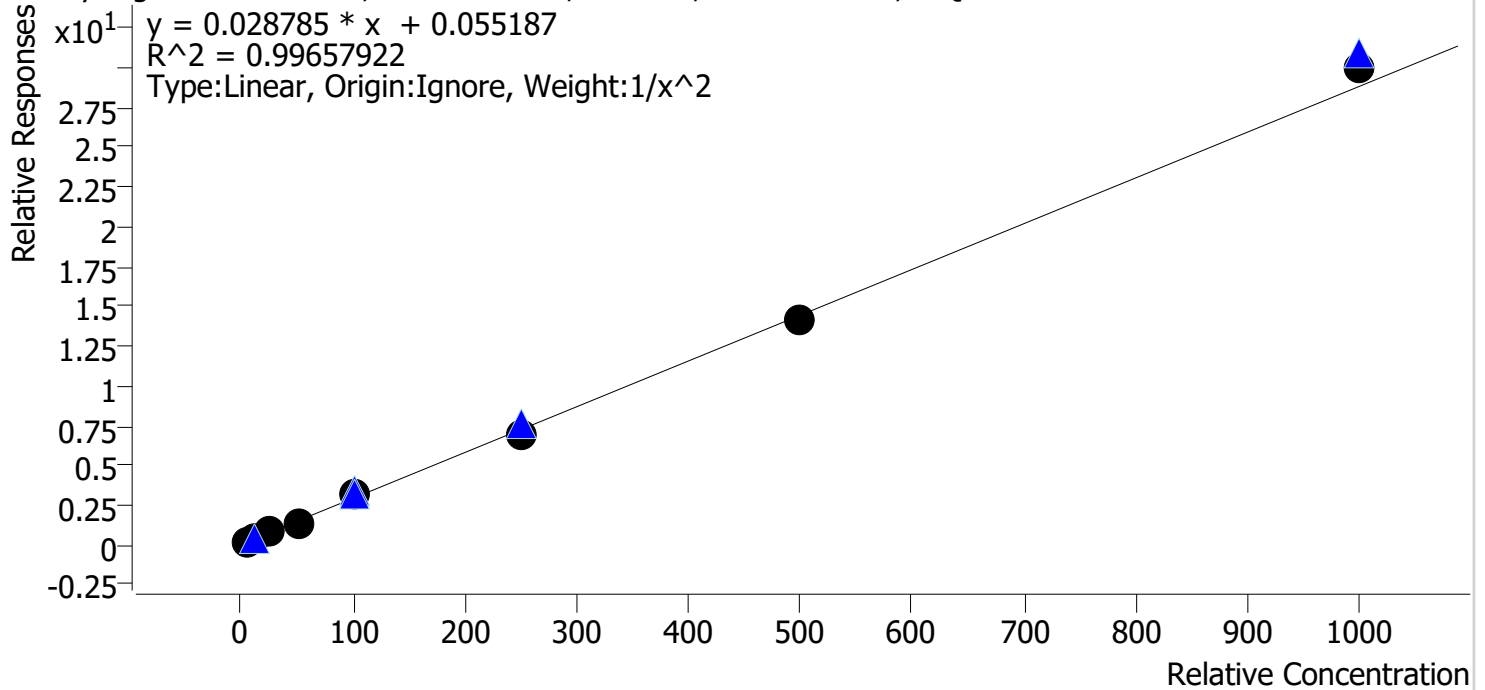
dropped cal 7 and 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



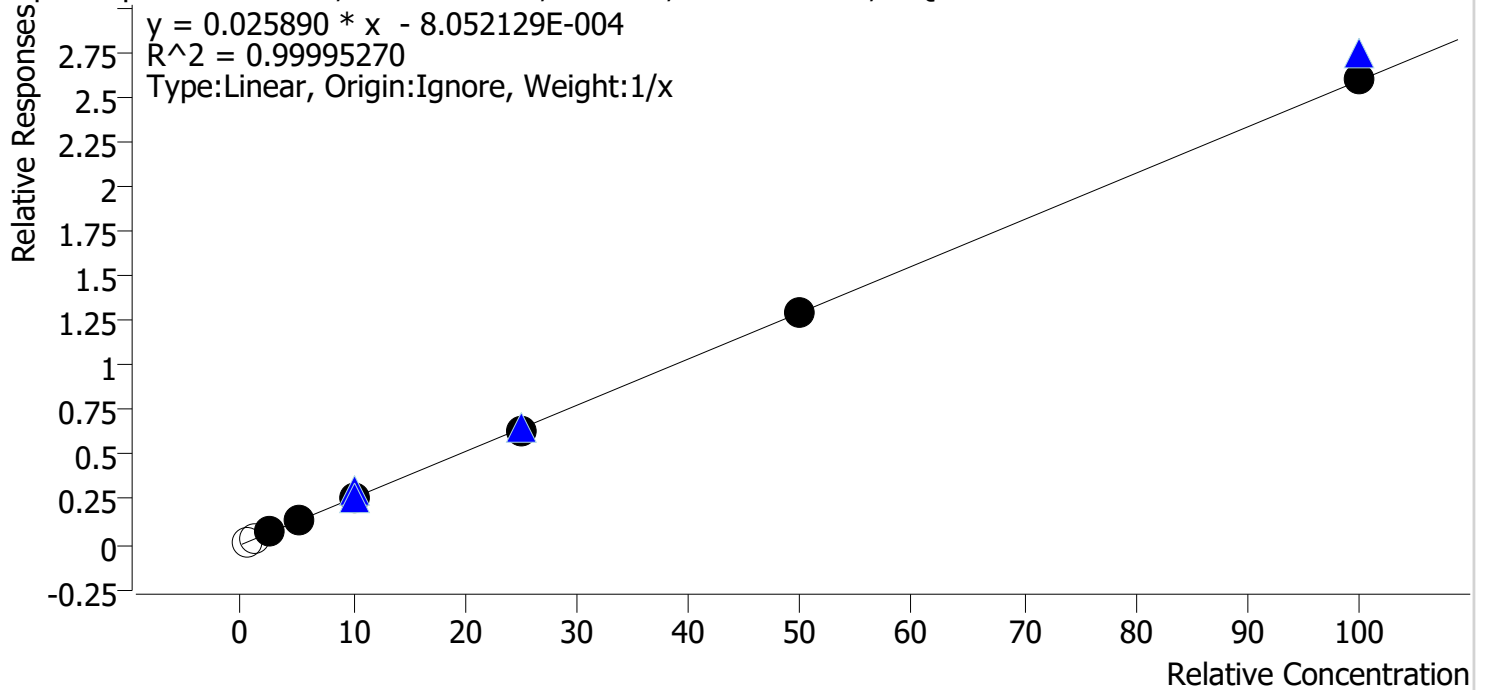
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	45.6	91.1
cal 5 mdq	5	✓	100.0	107.3	107.3
cal 6 mdq	6	✓	250.0	241.9	96.7
cal 7 mdq	7	✓	500.0	485.8	97.2
cal 8 mdq	8	✓	1000.0	1041.4	104.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.6	118.6
cal 2 mdq	2	x	1.0	1.2	115.6
cal 3 mdq	3	✓	2.5	2.5	99.0
cal 4 mdq	4	✓	5.0	5.1	102.4
cal 5 mdq	5	✓	10.0	10.0	99.6
cal 6 mdq	6	✓	25.0	24.7	99.0
cal 7 mdq	7	✓	50.0	49.9	99.8
cal 8 mdq	8	✓	100.0	100.3	100.3

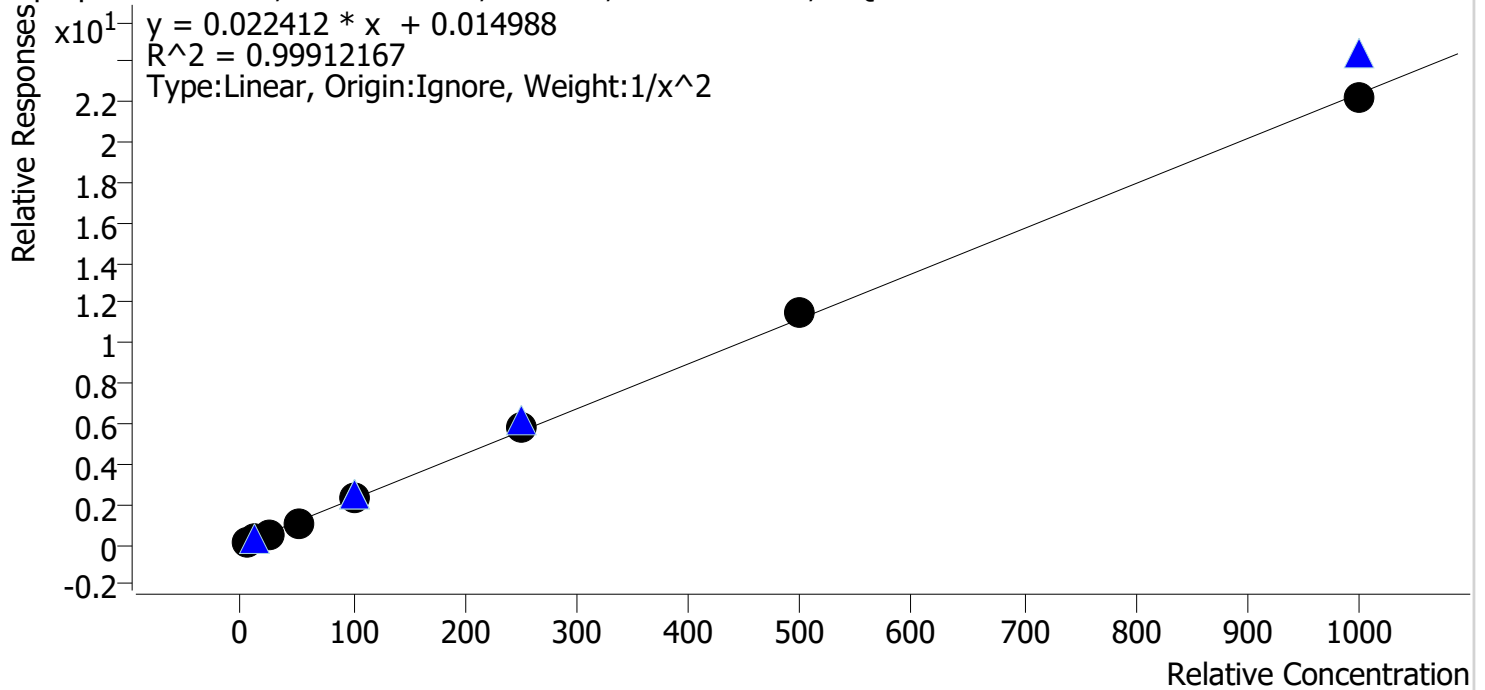
dropped cal 1 and 2 ratio out of range (cal 2)1ng cal

Compound Calibration Report



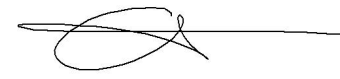
Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	261.9	104.8
cal 7 mdq	7	✓	500.0	510.8	102.2
cal 8 mdq	8	✓	1000.0	987.9	98.8

Compound Calibration Report

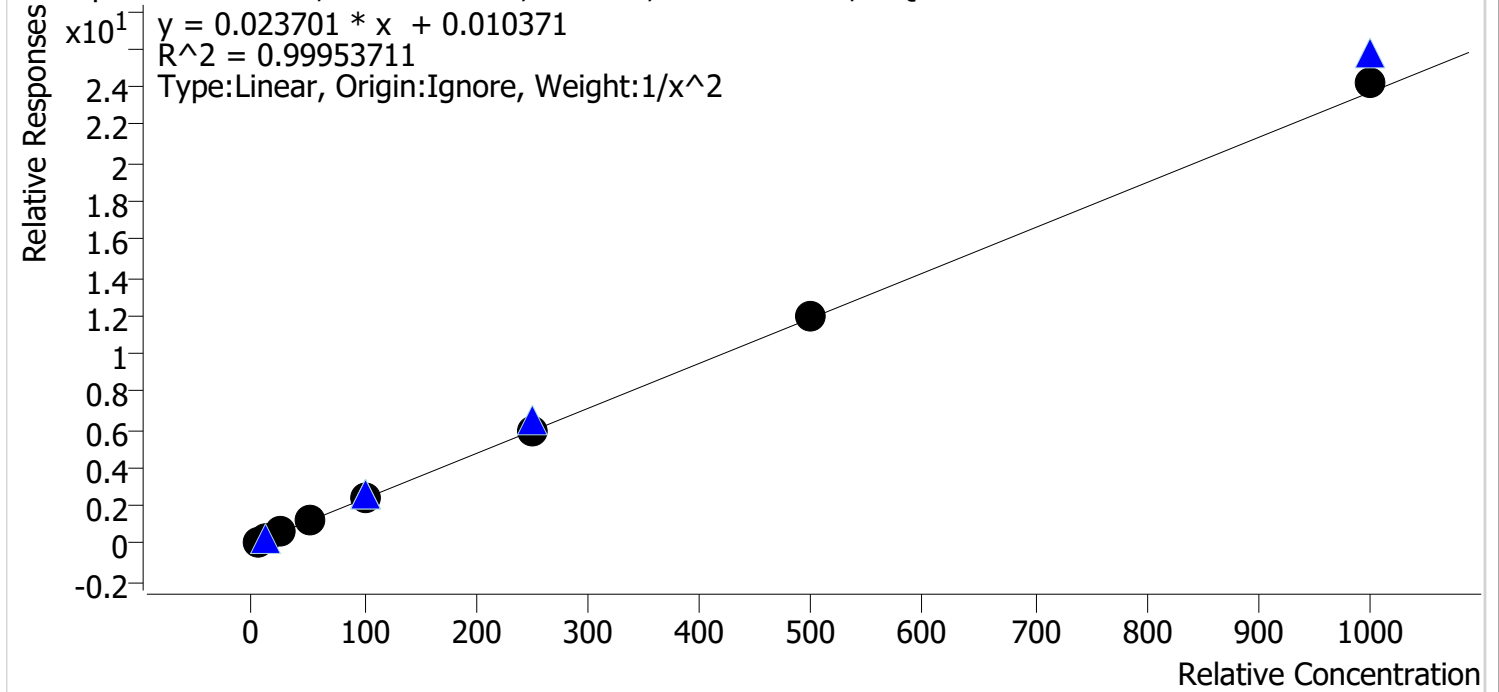


Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

Carisoprodol-D7

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



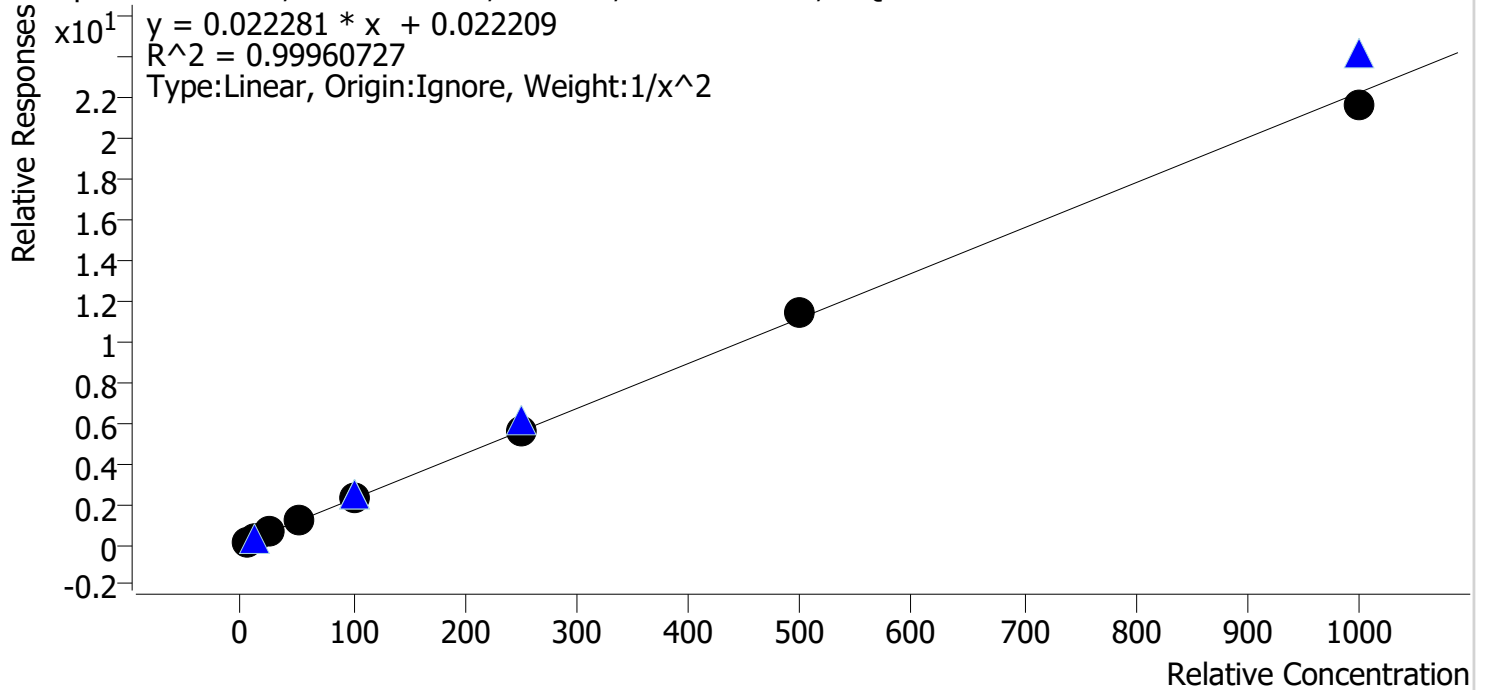
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	248.9	99.5
cal 7 mdq	7	✓	500.0	505.5	101.1
cal 8 mdq	8	✓	1000.0	1023.9	102.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	50.8	101.6
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	248.6	99.5
cal 7 mdq	7	✓	500.0	513.2	102.6
cal 8 mdq	8	✓	1000.0	975.7	97.6

Compound Calibration Report

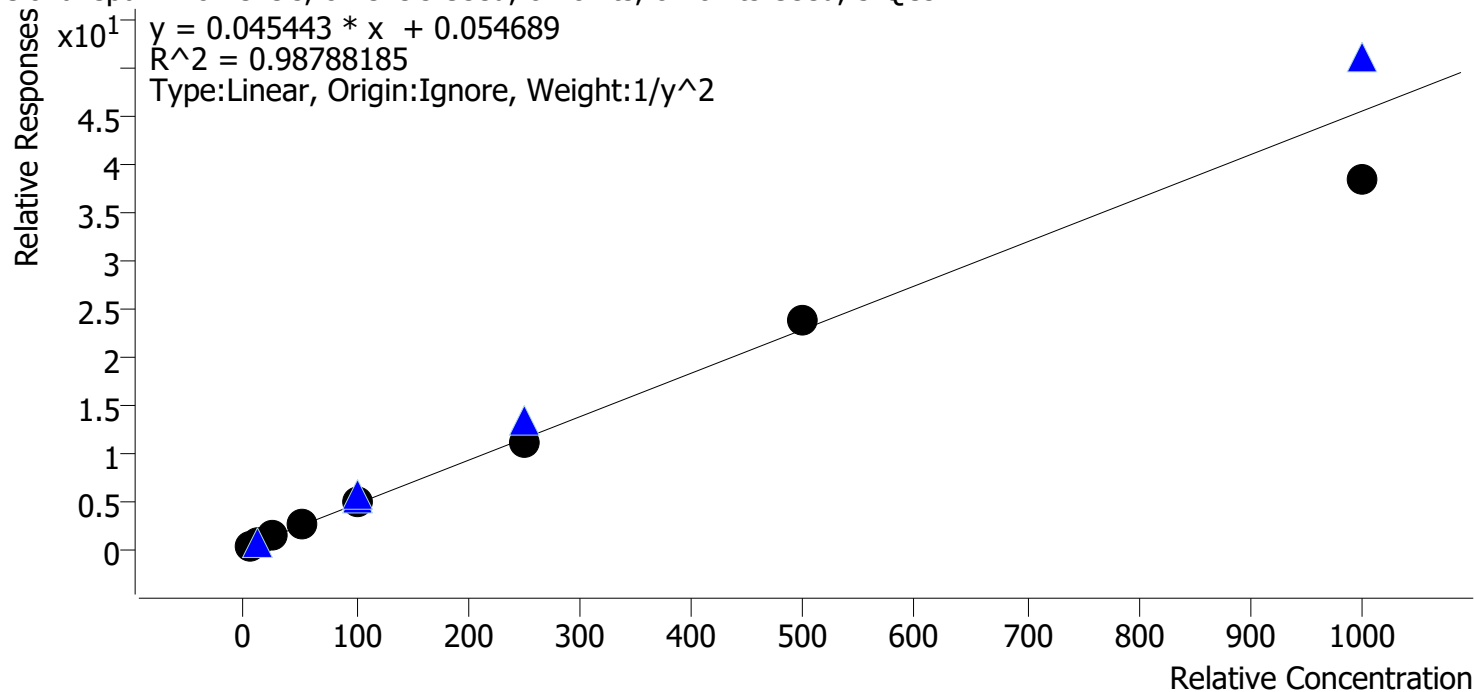


Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

Clonazepam-D4

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

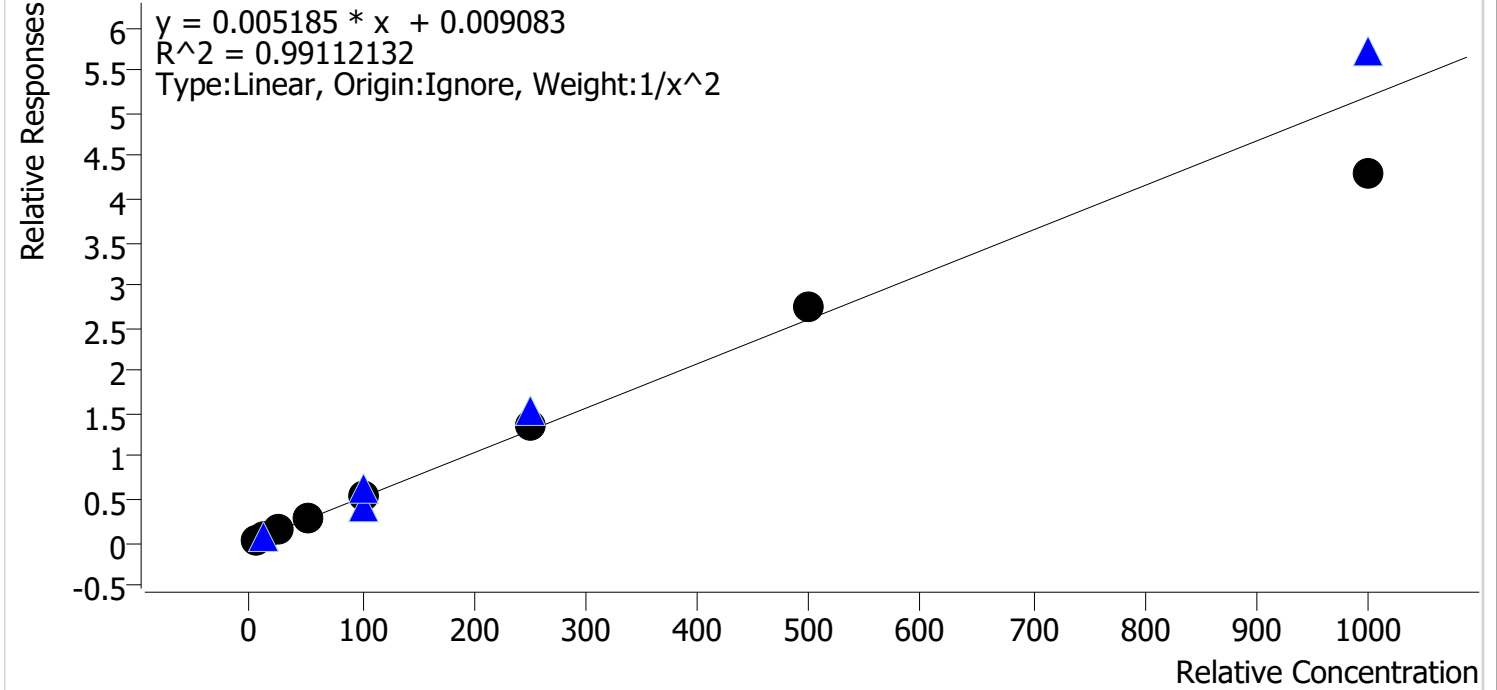


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.5
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	27.5	110.2
cal 4 mdq	4	✓	50.0	56.1	112.1
cal 5 mdq	5	✓	100.0	108.1	108.1
cal 6 mdq	6	✓	250.0	240.1	96.0
cal 7 mdq	7	✓	500.0	517.9	103.6
cal 8 mdq	8	✓	1000.0	846.4	84.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Alprazolam-D5

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



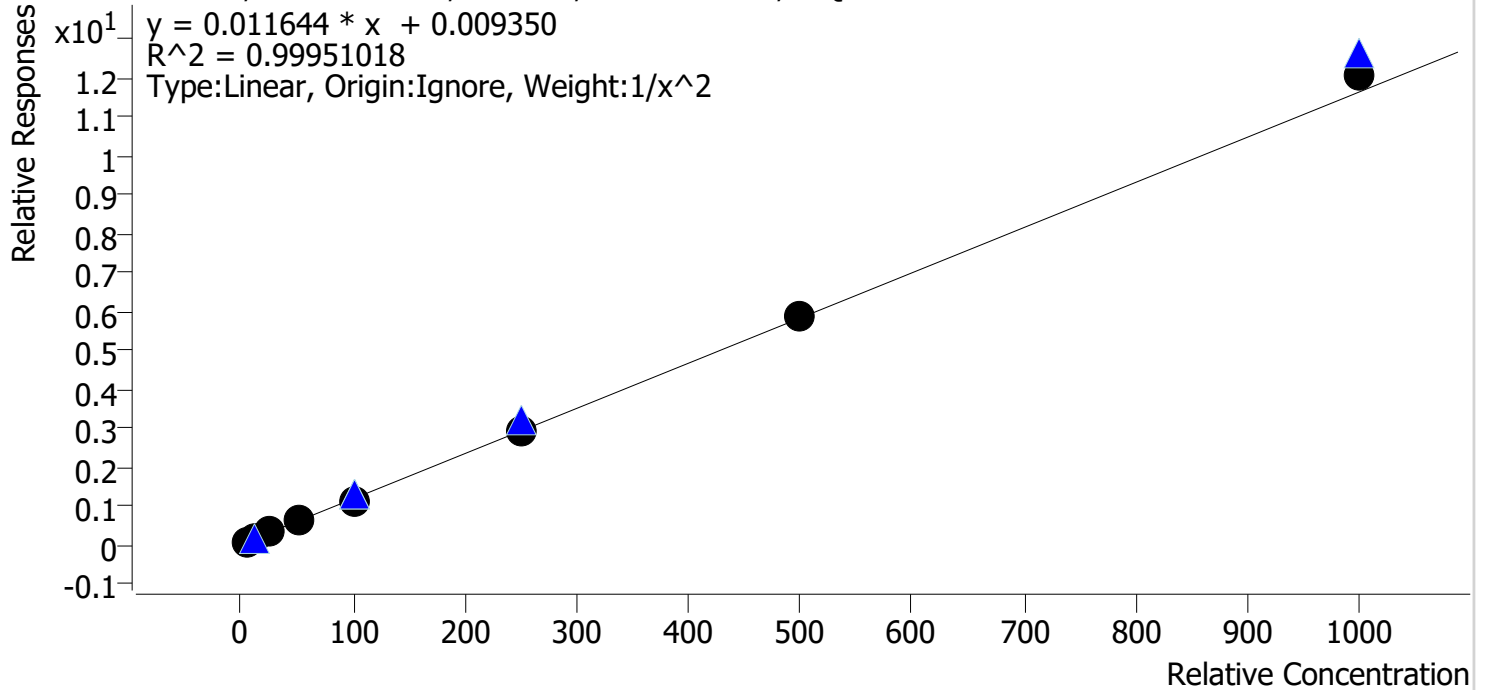
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.5
cal 2 mdq	2	✓	10.0	10.9	109.0
cal 3 mdq	3	✓	25.0	24.4	97.8
cal 4 mdq	4	✓	50.0	51.2	102.5
cal 5 mdq	5	✓	100.0	104.3	104.3
cal 6 mdq	6	✓	250.0	258.0	103.2
cal 7 mdq	7	✓	500.0	526.2	105.2
cal 8 mdq	8	✓	1000.0	825.7	82.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



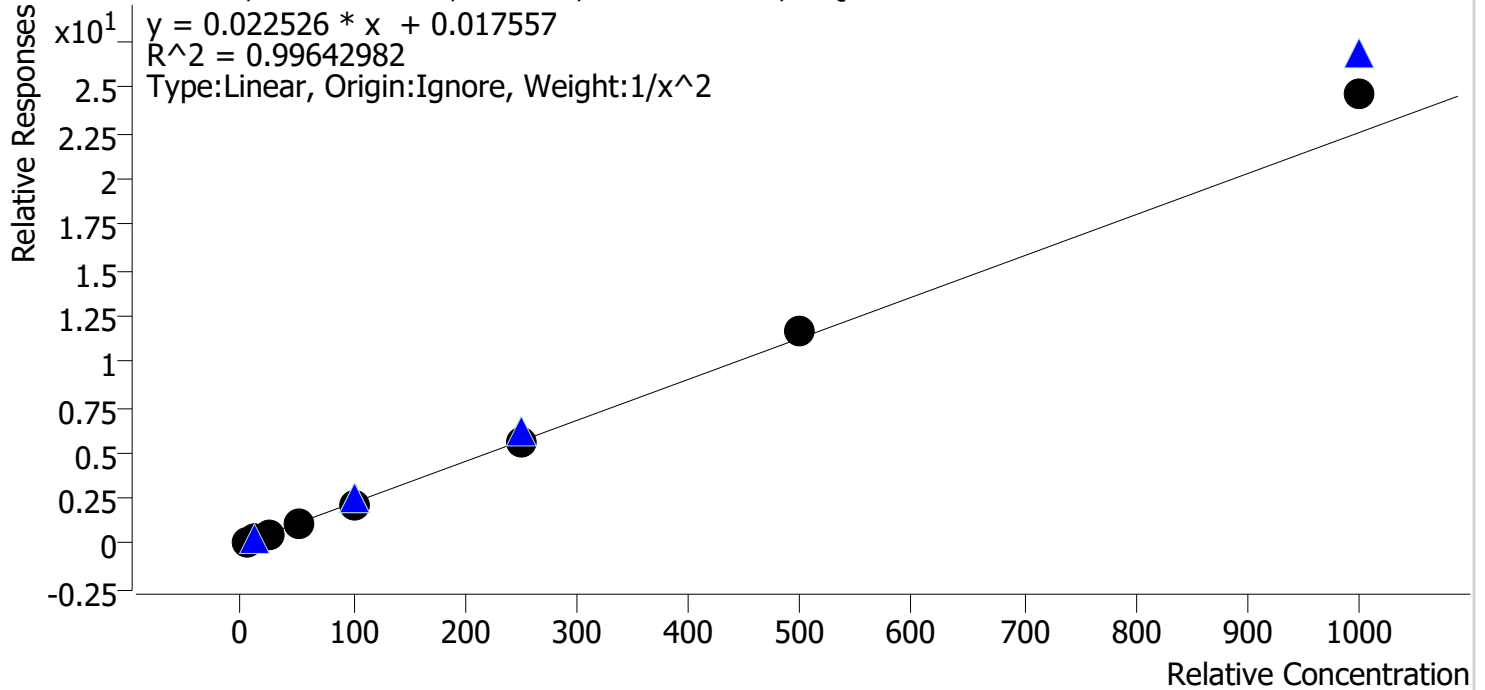
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	246.5	98.6
cal 7 mdq	7	✓	500.0	504.0	100.8
cal 8 mdq	8	✓	1000.0	1034.0	103.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



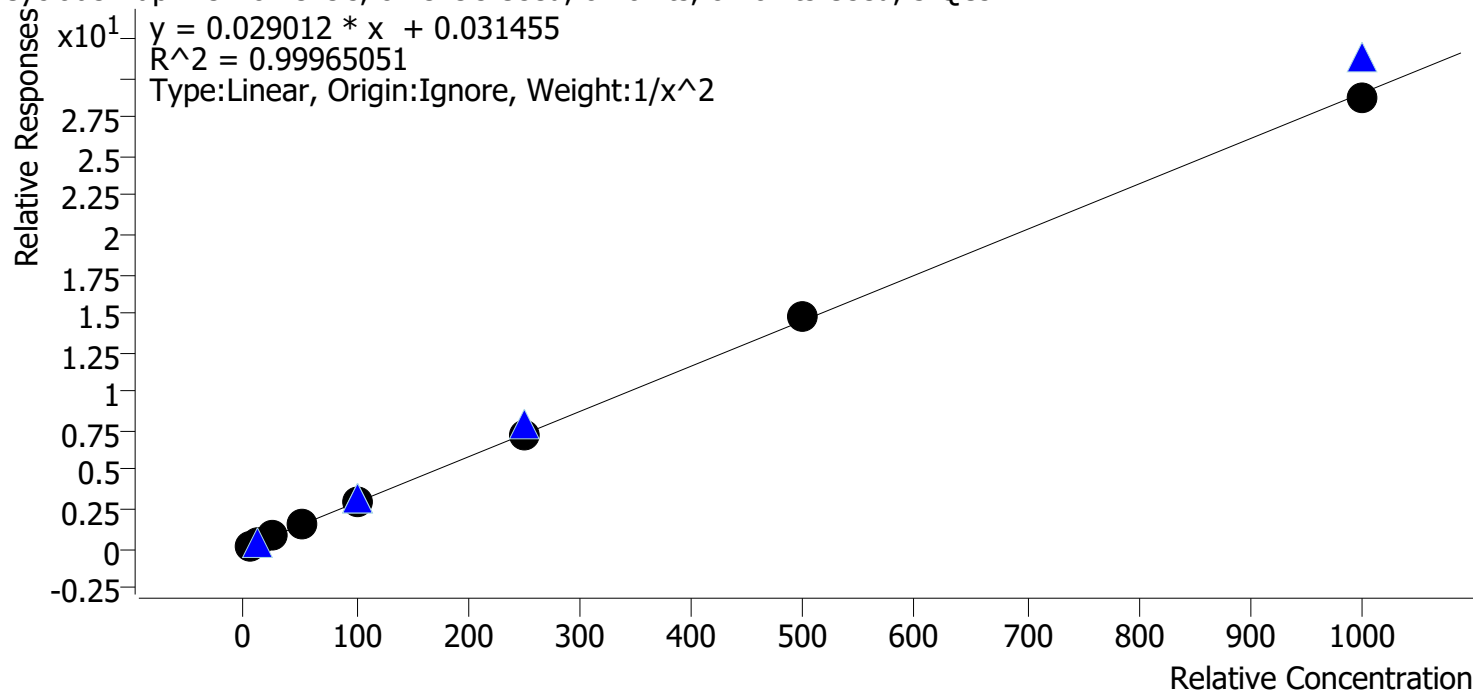
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.8
cal 2 mdq	2	✓	10.0	9.5	95.1
cal 3 mdq	3	✓	25.0	23.8	95.2
cal 4 mdq	4	✓	50.0	48.1	96.2
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	248.1	99.2
cal 7 mdq	7	✓	500.0	517.1	103.4
cal 8 mdq	8	✓	1000.0	1096.7	109.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



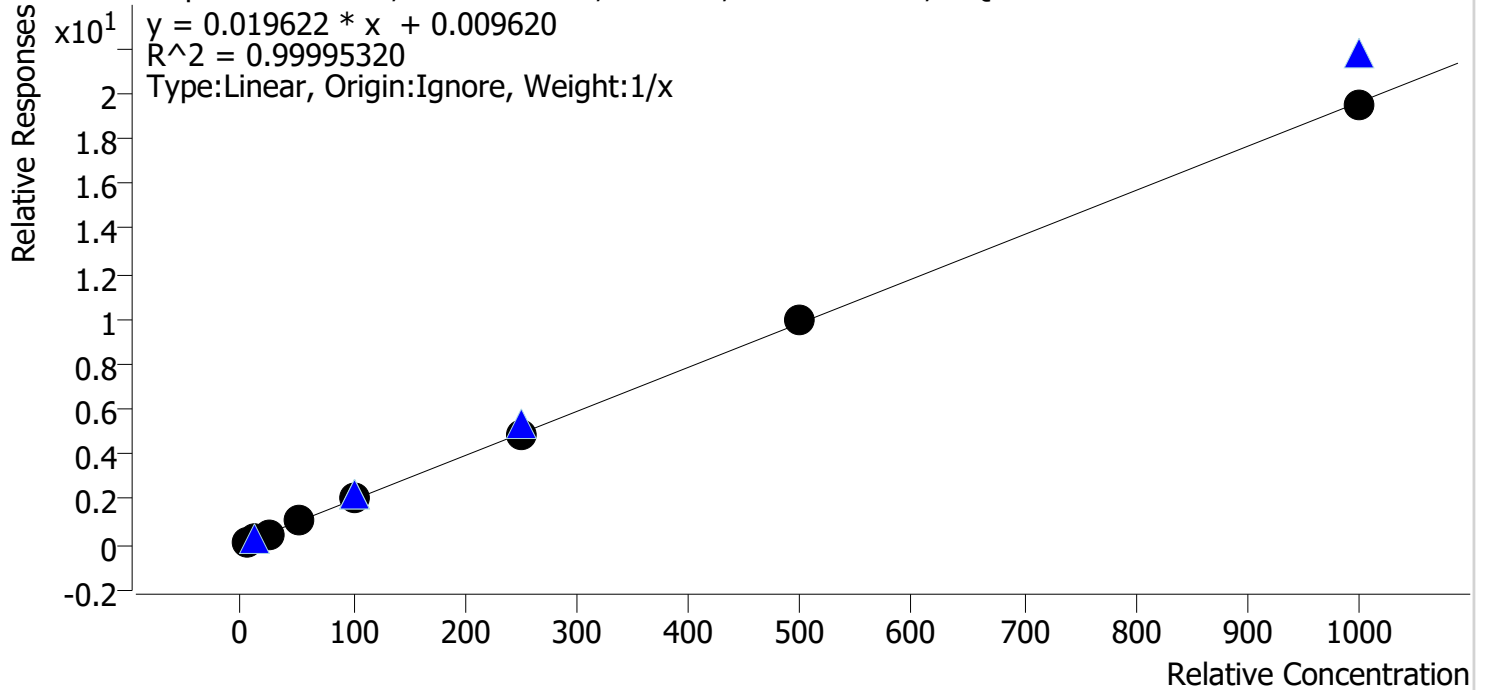
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	25.6	102.3
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	250.9	100.4
cal 7 mdq	7	✓	500.0	507.1	101.4
cal 8 mdq	8	✓	1000.0	988.8	98.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



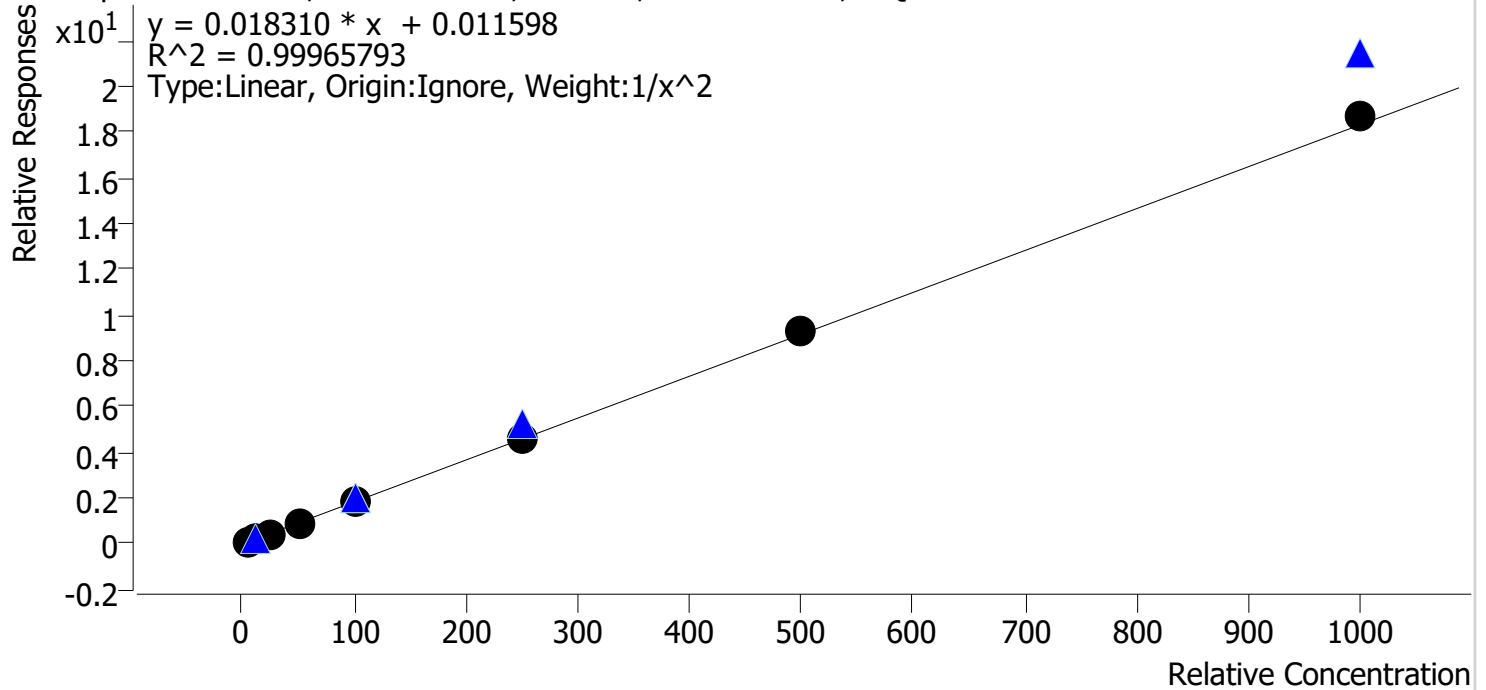
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.2
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	504.2	100.8
cal 8 mdq	8	✓	1000.0	997.9	99.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



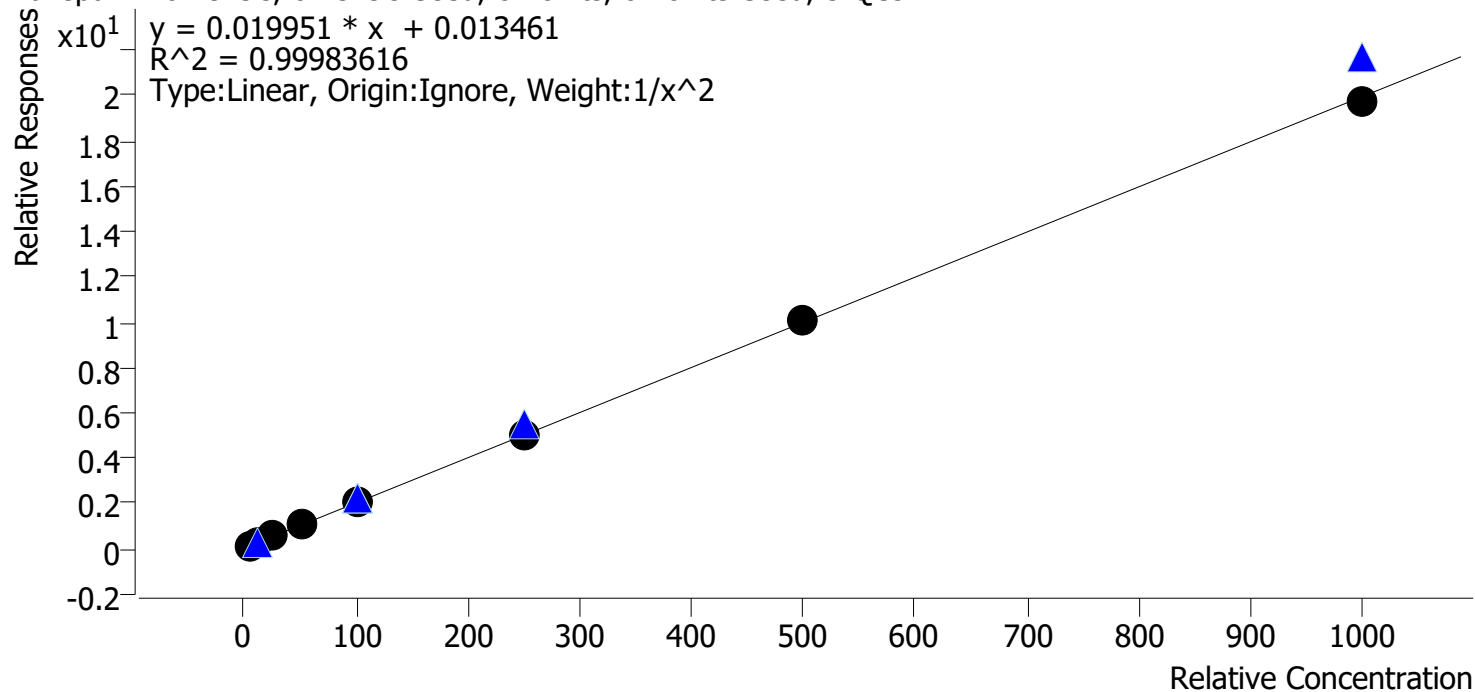
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.1	101.5
cal 3 mdq	3	✓	25.0	24.8	99.0
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	247.7	99.1
cal 7 mdq	7	✓	500.0	509.1	101.8
cal 8 mdq	8	✓	1000.0	1022.6	102.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



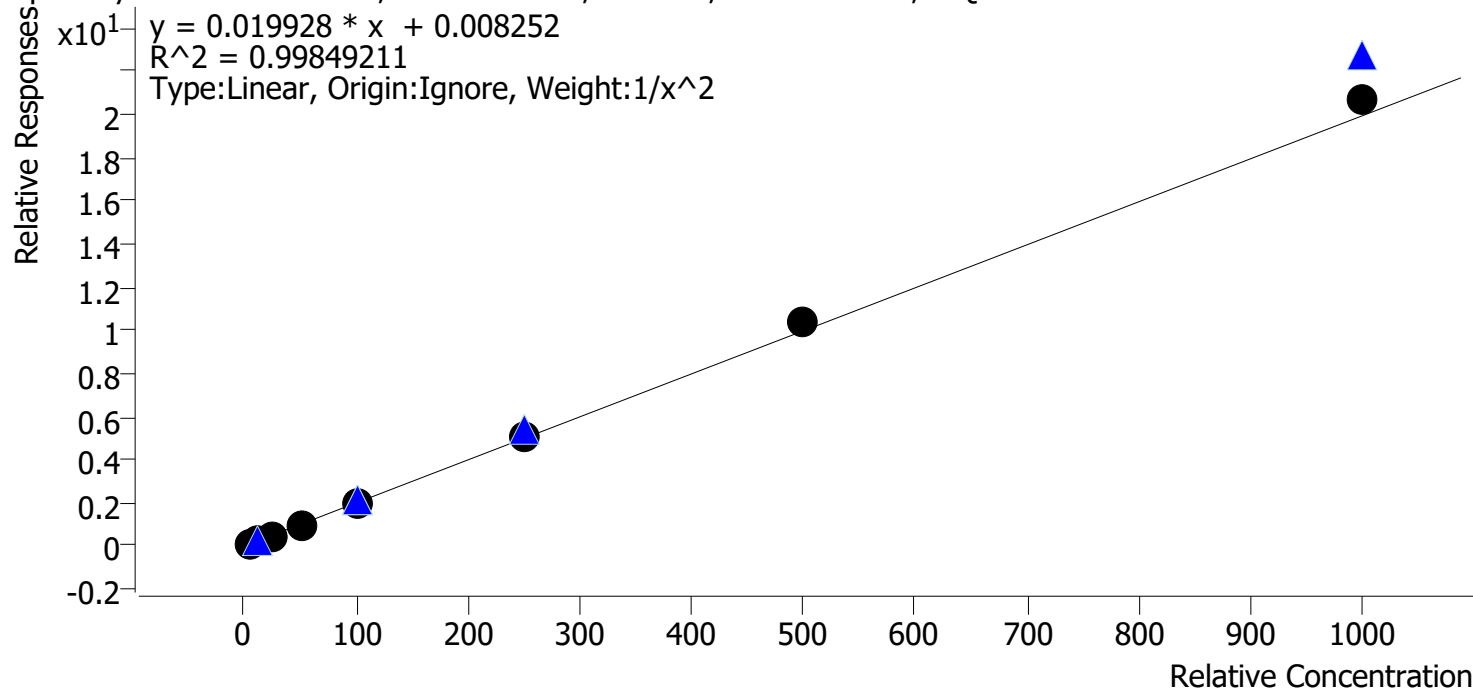
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	249.6	99.9
cal 7 mdq	7	✓	500.0	504.4	100.9
cal 8 mdq	8	✓	1000.0	988.7	98.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



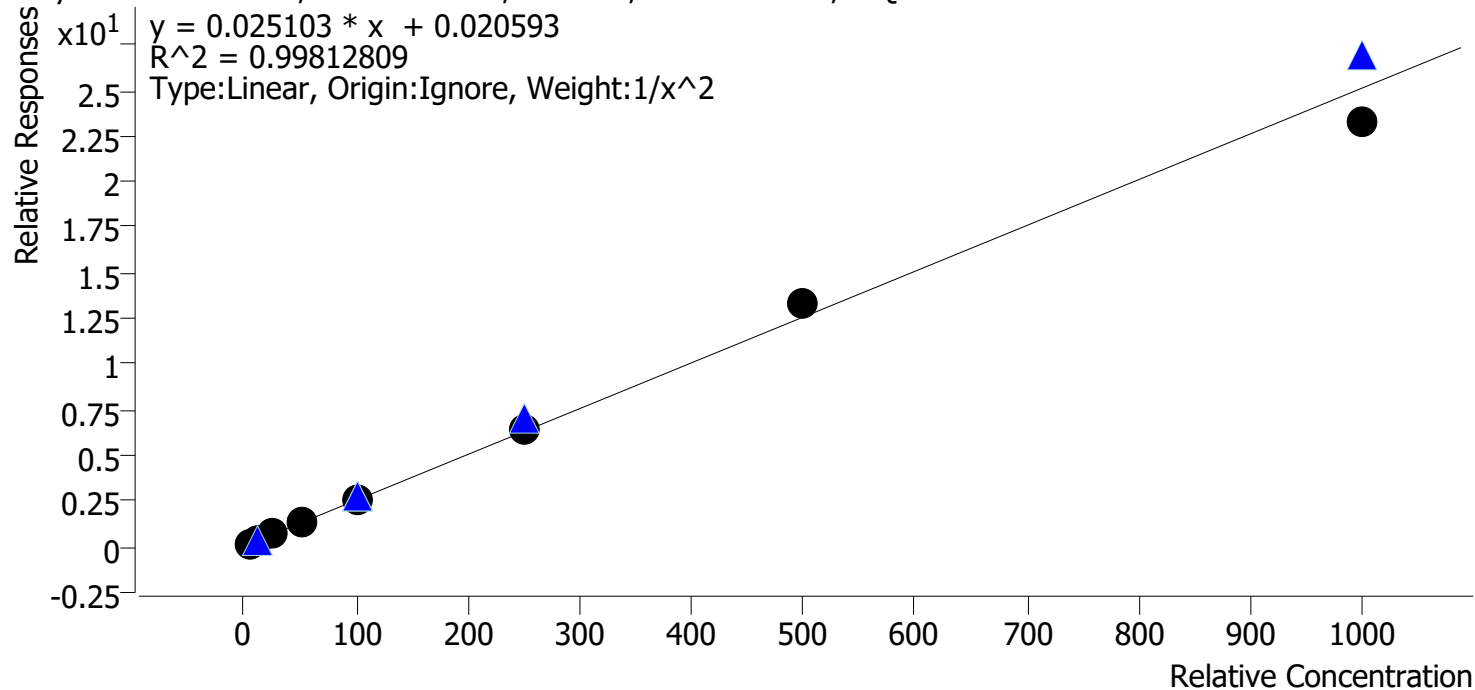
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	23.8	95.0
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	250.9	100.3
cal 7 mdq	7	✓	500.0	523.4	104.7
cal 8 mdq	8	✓	1000.0	1040.5	104.0

Compound Calibration Report



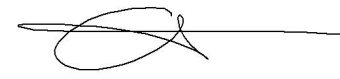
Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



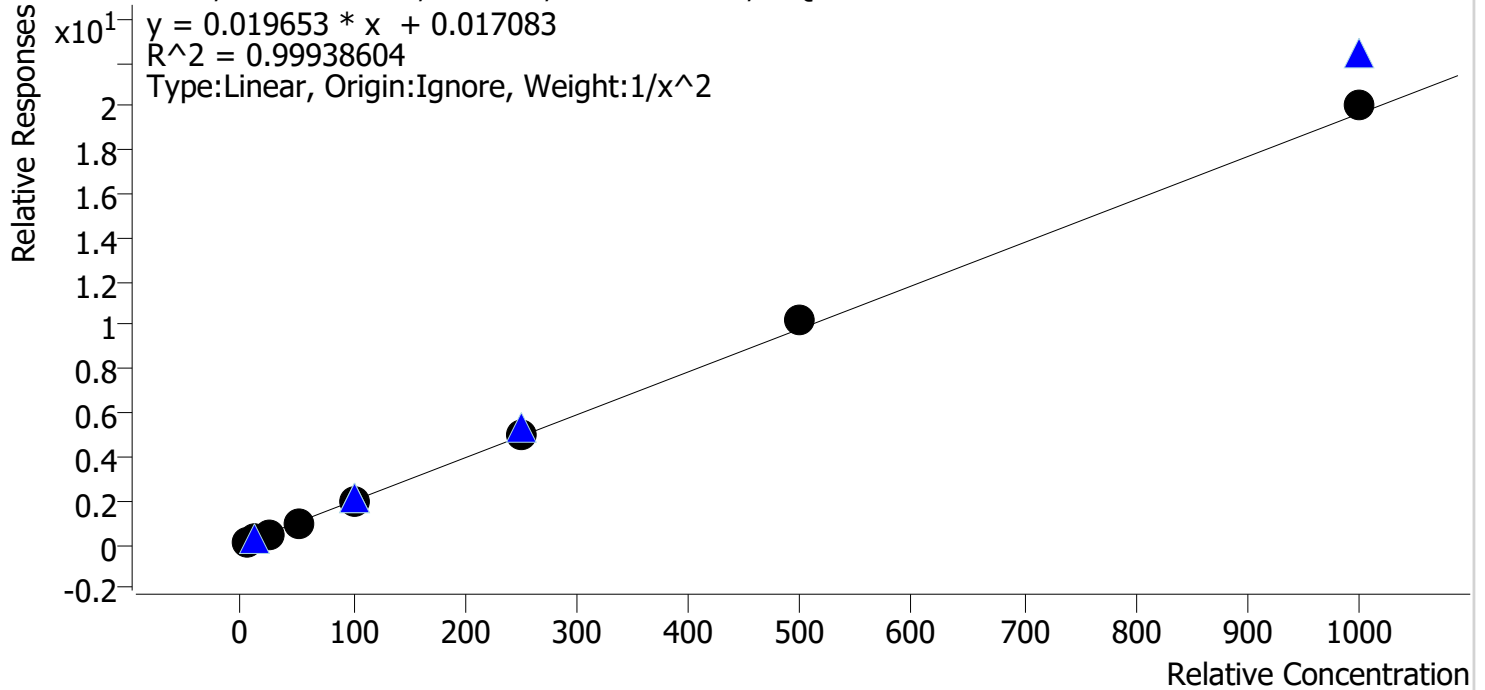
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	49.9	99.7
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	257.5	103.0
cal 7 mdq	7	✓	500.0	527.3	105.5
cal 8 mdq	8	✓	1000.0	925.0	92.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



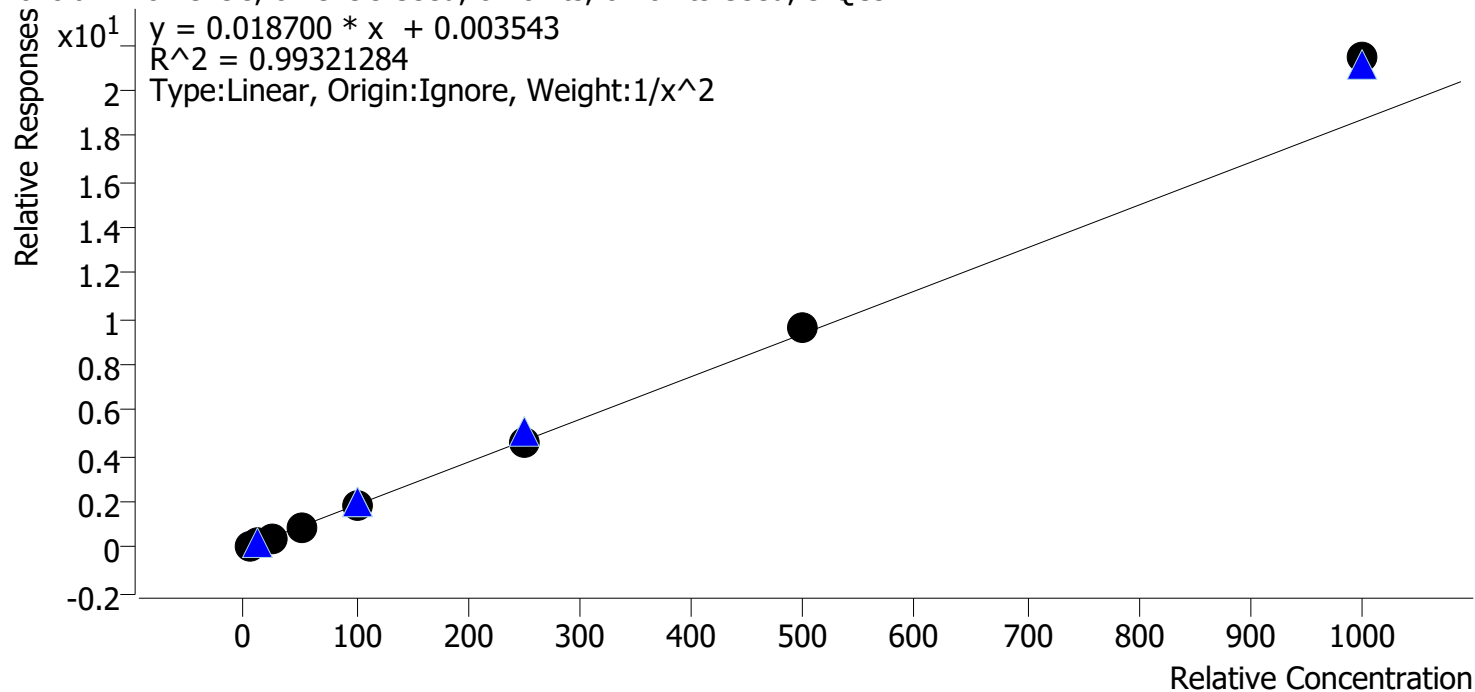
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	517.1	103.4
cal 8 mdq	8	✓	1000.0	1018.4	101.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Alprazolam-D5

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



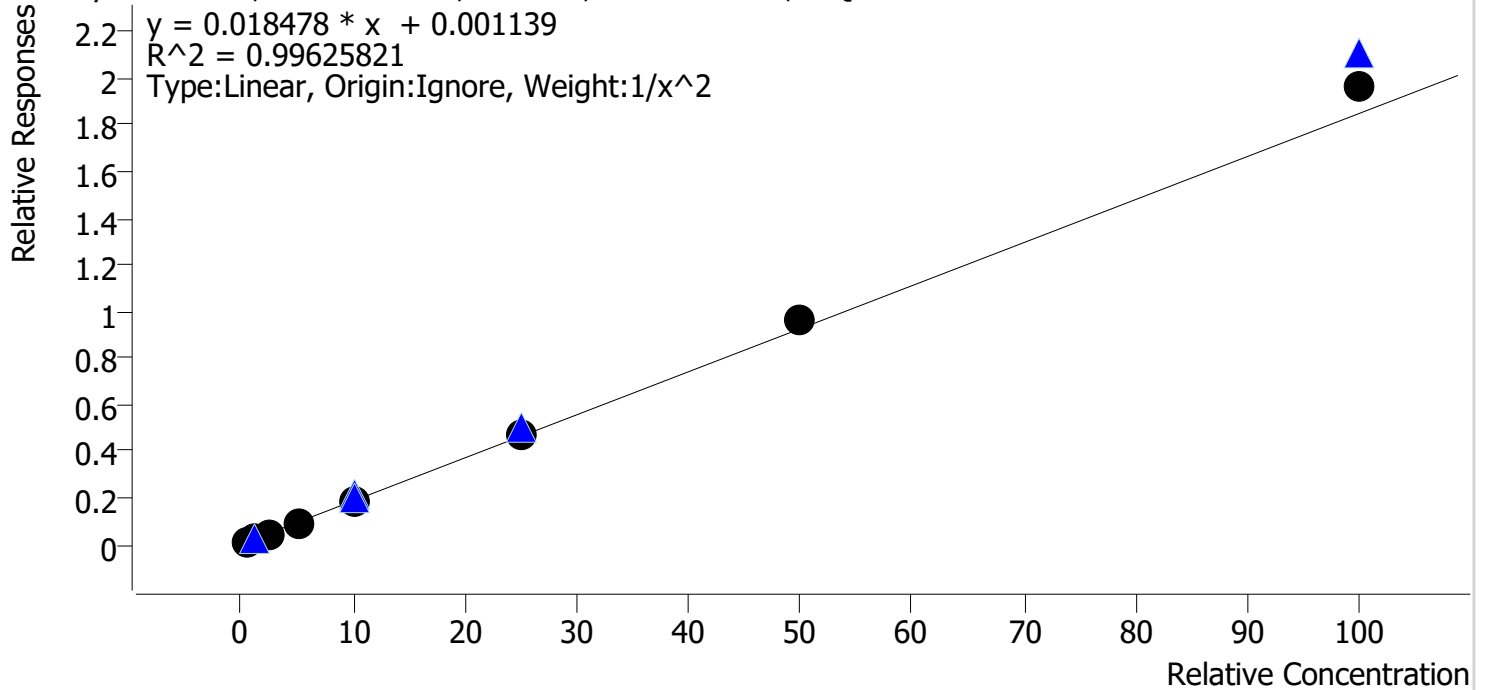
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	22.7	90.7
cal 4 mdq	4	✓	50.0	46.9	93.8
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	247.2	98.9
cal 7 mdq	7	✓	500.0	513.8	102.8
cal 8 mdq	8	✓	1000.0	1144.6	114.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

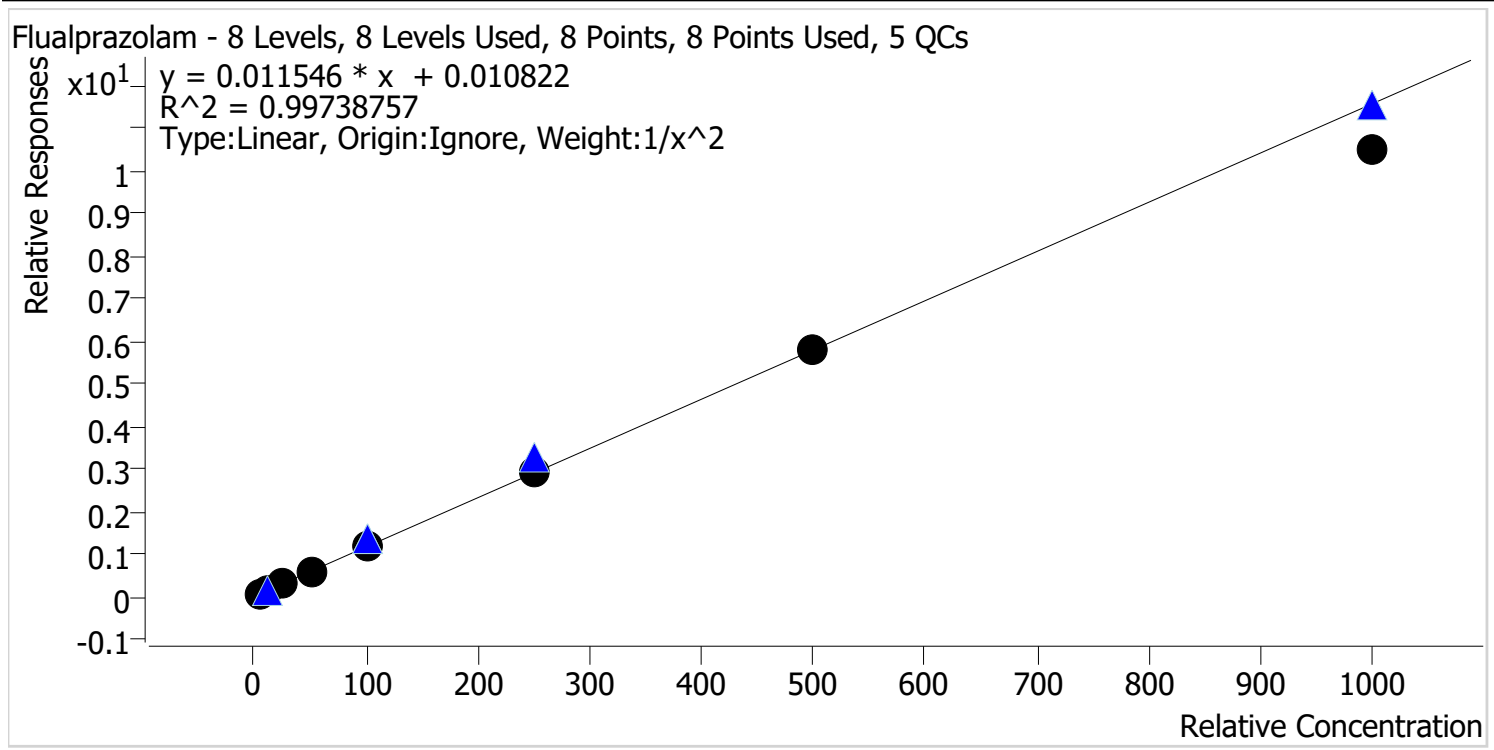


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	103.8
cal 2 mdq	2	✓	1.0	1.0	96.7
cal 3 mdq	3	✓	2.5	2.3	90.3
cal 4 mdq	4	✓	5.0	4.8	96.4
cal 5 mdq	5	✓	10.0	10.0	100.0
cal 6 mdq	6	✓	25.0	25.4	101.5
cal 7 mdq	7	✓	50.0	52.5	104.9
cal 8 mdq	8	✓	100.0	106.3	106.3

Compound Calibration Report

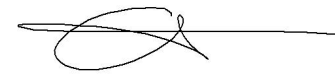


Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



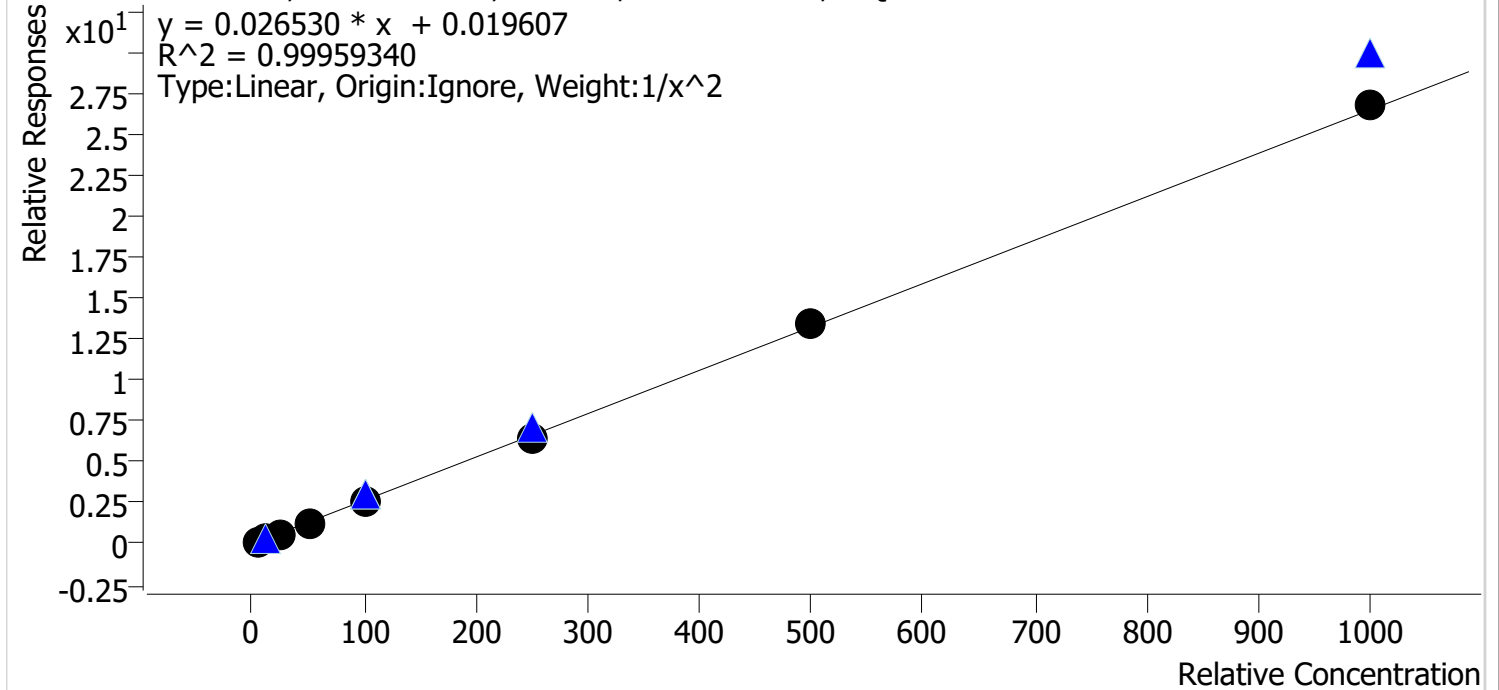
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.4	104.1
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	52.6	105.1
cal 5 mdq	5	✓	100.0	102.3	102.3
cal 6 mdq	6	✓	250.0	249.7	99.9
cal 7 mdq	7	✓	500.0	503.1	100.6
cal 8 mdq	8	✓	1000.0	909.0	90.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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

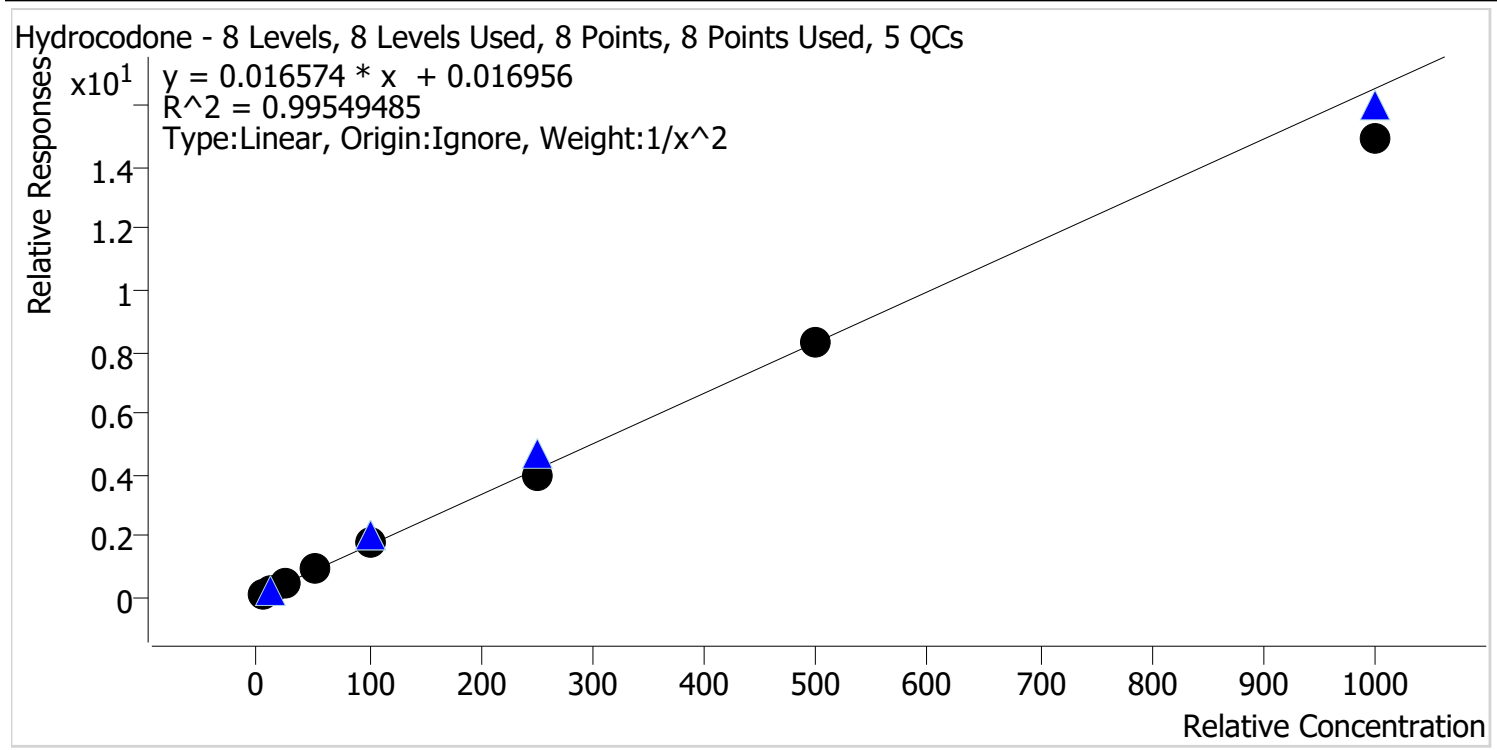


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.3	103.1
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	245.3	98.1
cal 7 mdq	7	✓	500.0	504.6	100.9
cal 8 mdq	8	✓	1000.0	1015.0	101.5

Compound Calibration Report

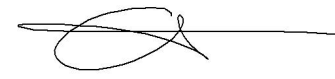


Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



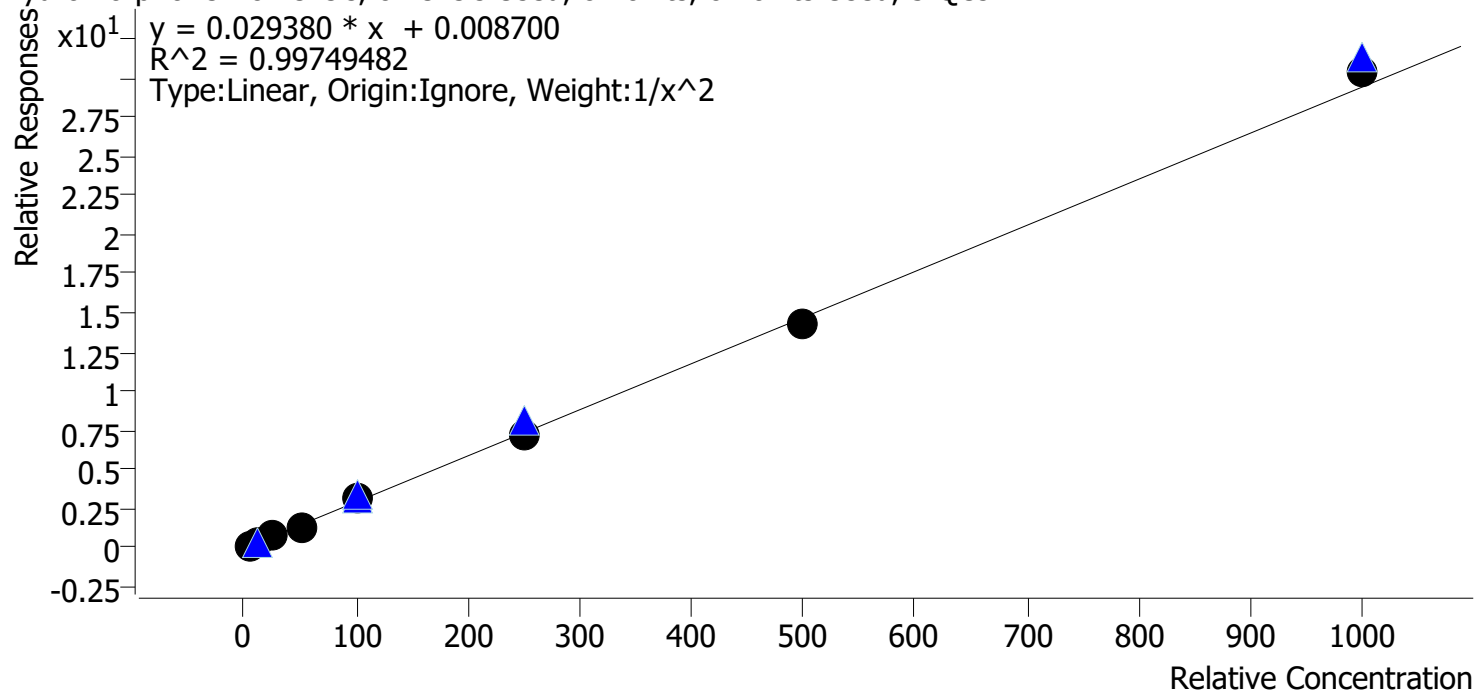
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.7
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	27.1	108.3
cal 4 mdq	4	✓	50.0	52.3	104.5
cal 5 mdq	5	✓	100.0	103.2	103.2
cal 6 mdq	6	✓	250.0	238.3	95.3
cal 7 mdq	7	✓	500.0	498.9	99.8
cal 8 mdq	8	✓	1000.0	898.9	89.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



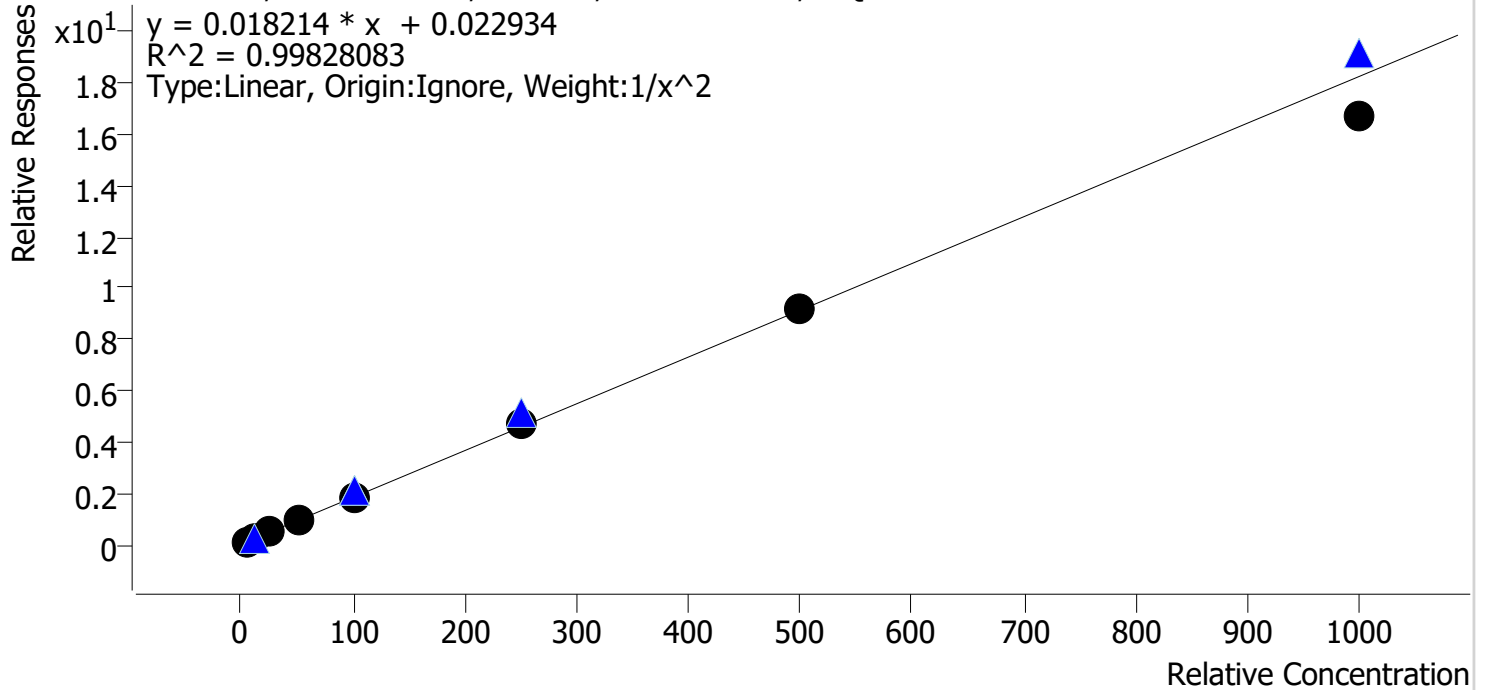
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	26.1	104.3
cal 4 mdq	4	✓	50.0	46.7	93.4
cal 5 mdq	5	✓	100.0	106.0	106.0
cal 6 mdq	6	✓	250.0	243.1	97.3
cal 7 mdq	7	✓	500.0	489.9	98.0
cal 8 mdq	8	✓	1000.0	1031.4	103.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



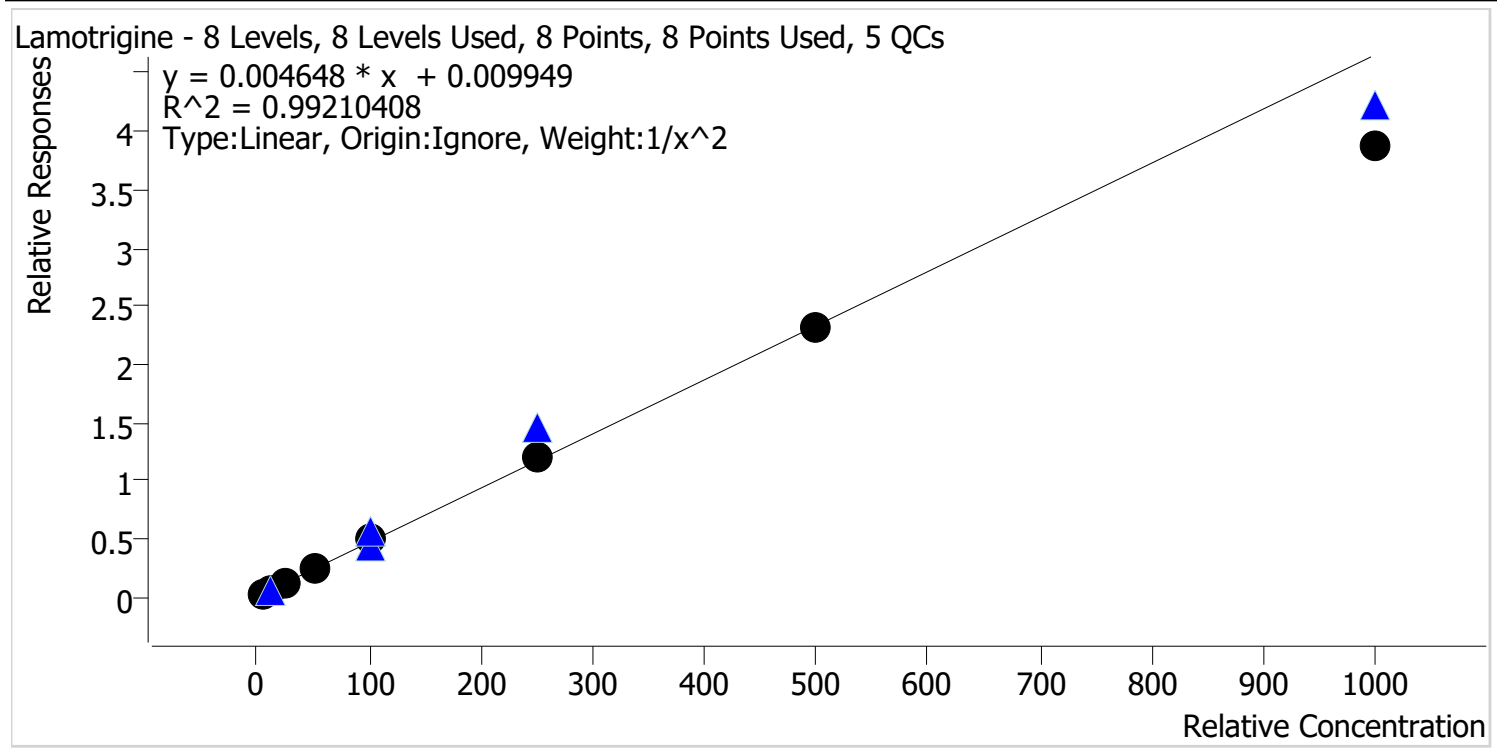
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	504.1	100.8
cal 8 mdq	8	✓	1000.0	915.5	91.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Lamotrigine

Internal Standard Temazepam-D5



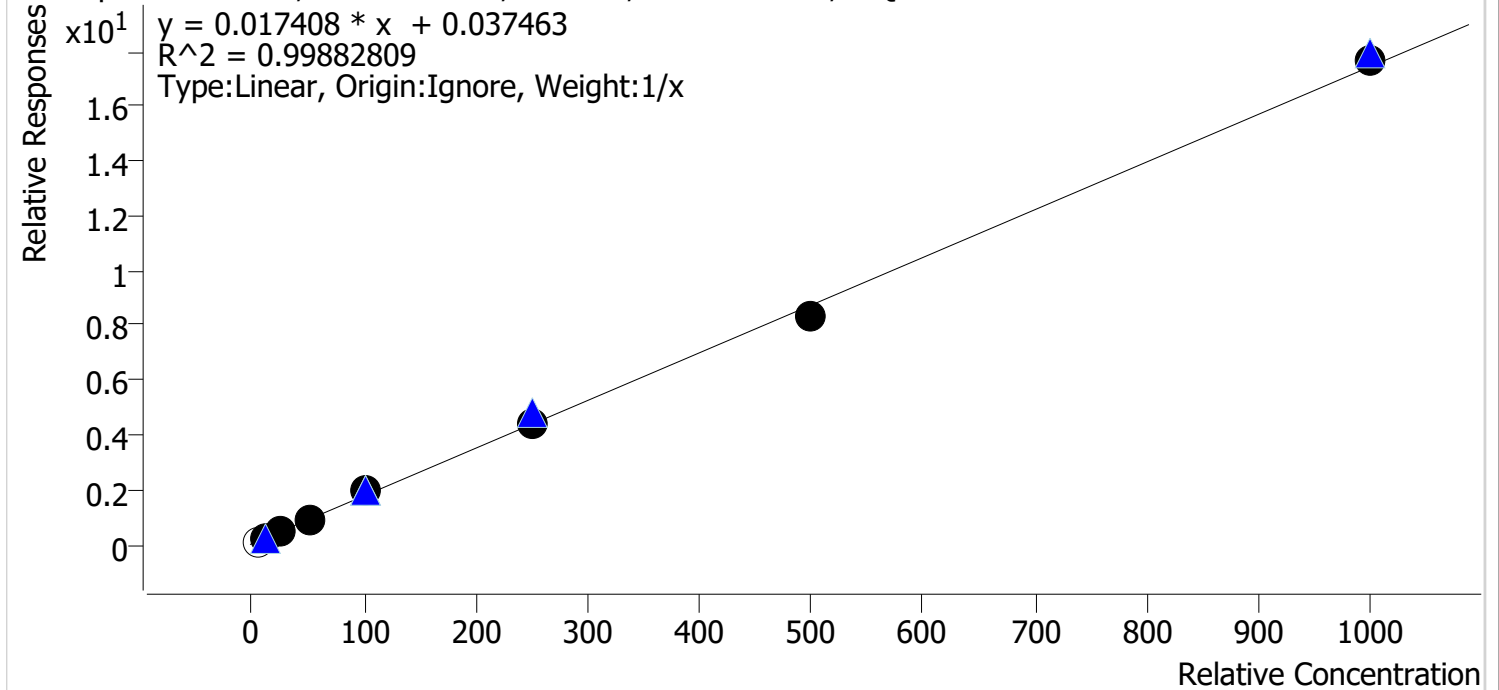
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	25.9	103.7
cal 4 mdq	4	✓	50.0	53.4	106.8
cal 5 mdq	5	✓	100.0	107.5	107.5
cal 6 mdq	6	✓	250.0	256.9	102.8
cal 7 mdq	7	✓	500.0	495.4	99.1
cal 8 mdq	8	✓	1000.0	830.4	83.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

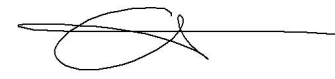
Lorazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	3.7	74.0
cal 2 mdq	2	✓	10.0	9.1	90.6
cal 3 mdq	3	✓	25.0	25.5	101.8
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	107.8	107.8
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	477.2	95.4
cal 8 mdq	8	✓	1000.0	1012.5	101.3

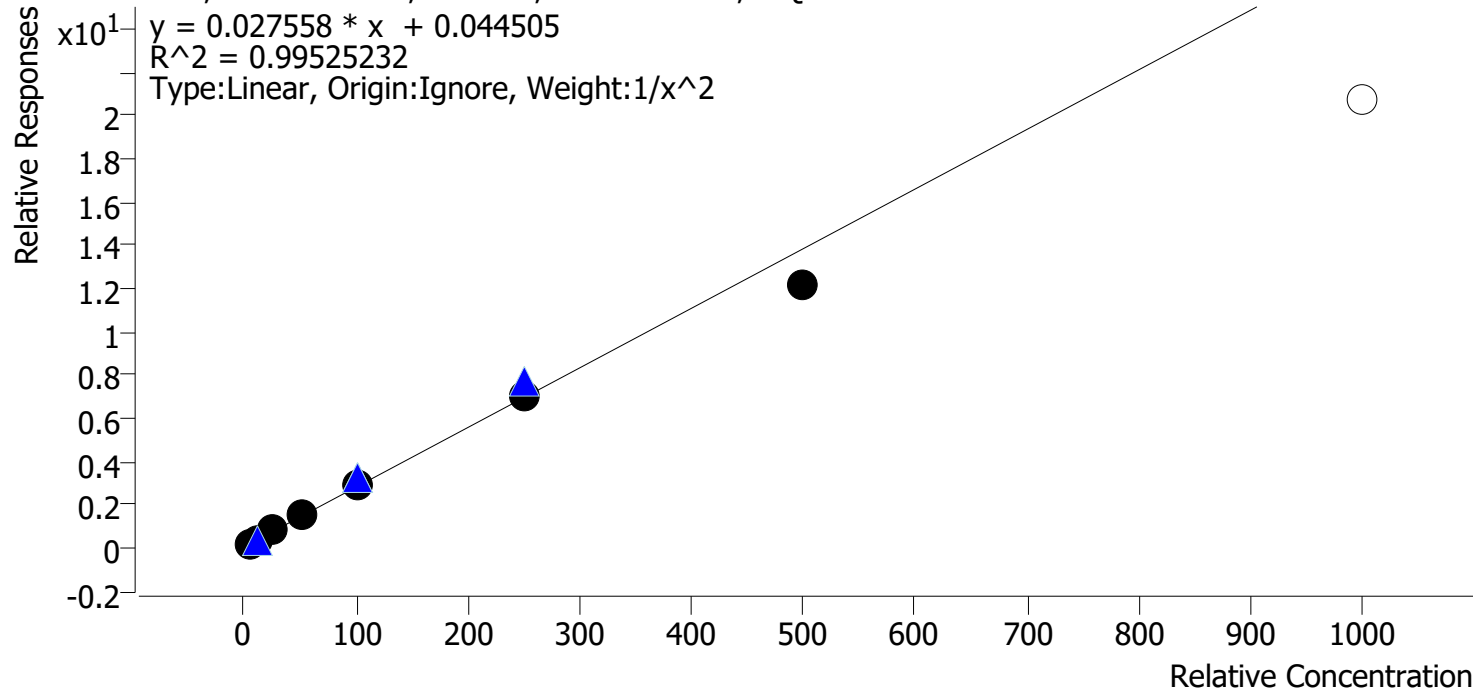
dropped cal 1 poor peak shape

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

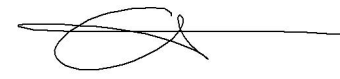
MDA - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	26.3	105.2
cal 4 mdq	4	✓	50.0	52.3	104.5
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	249.7	99.9
cal 7 mdq	7	✓	500.0	440.8	88.2
cal 8 mdq	8	✗	1000.0	749.8	75.0

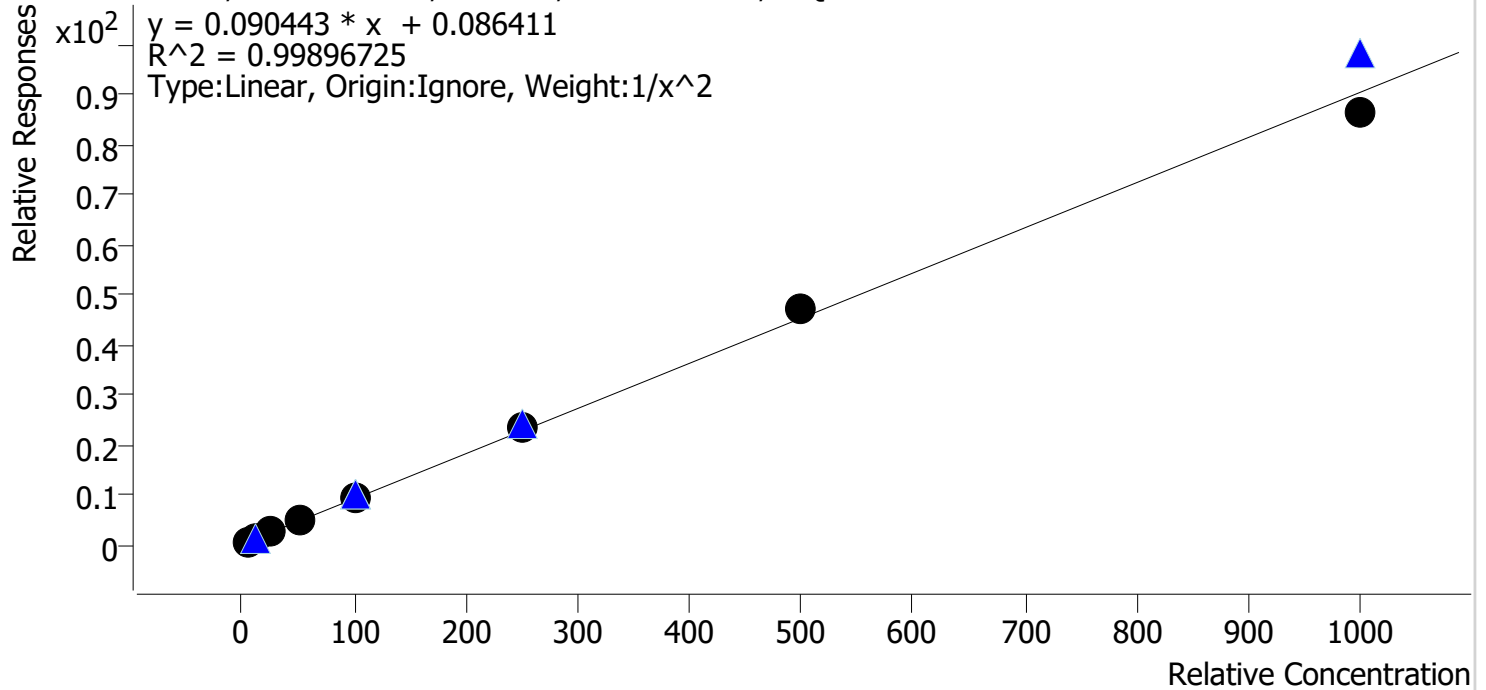
dropped cal 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



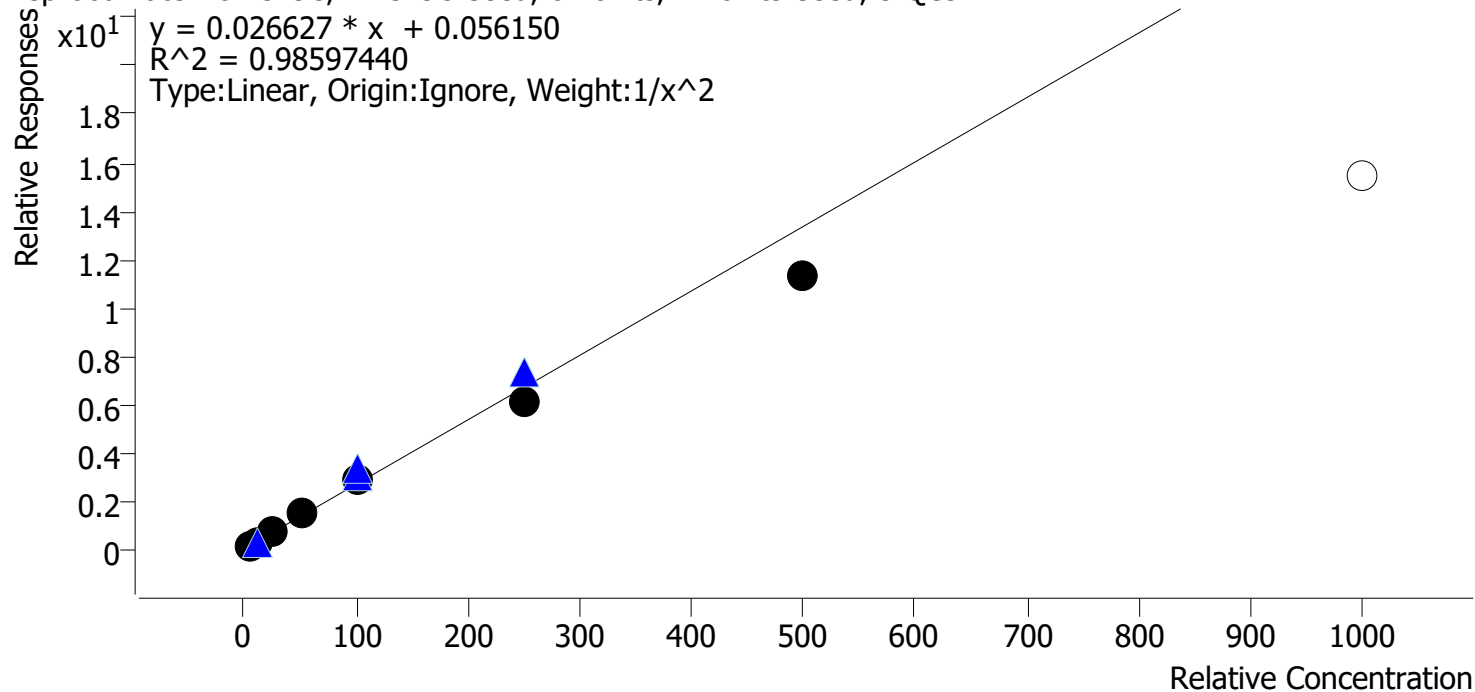
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	50.1	100.3
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	257.7	103.1
cal 7 mdq	7	✓	500.0	520.6	104.1
cal 8 mdq	8	✓	1000.0	959.0	95.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	93.0
cal 2 mdq	2	✓	10.0	10.9	109.4
cal 3 mdq	3	✓	25.0	27.0	108.1
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	106.8	106.8
cal 6 mdq	6	✓	250.0	229.5	91.8
cal 7 mdq	7	✓	500.0	421.2	84.2
cal 8 mdq	8	✗	1000.0	580.6	58.1

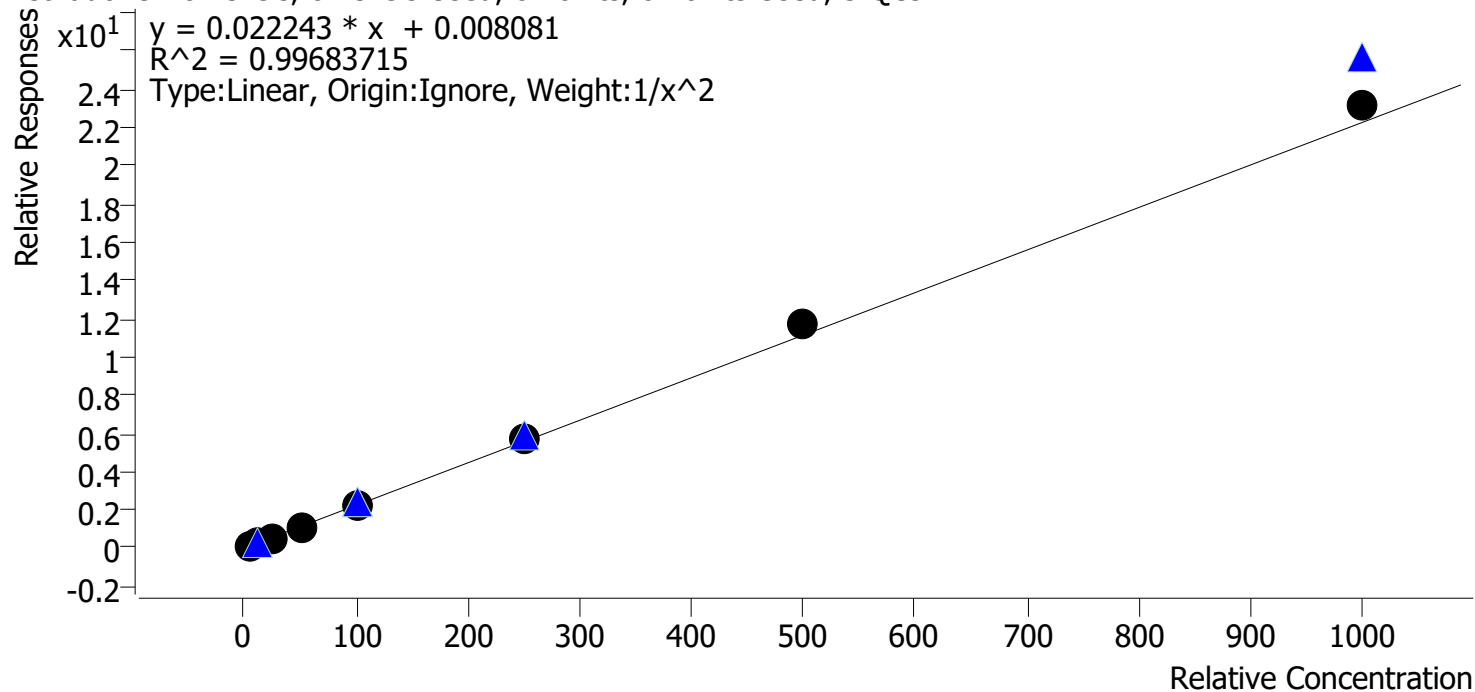
dropped cal 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



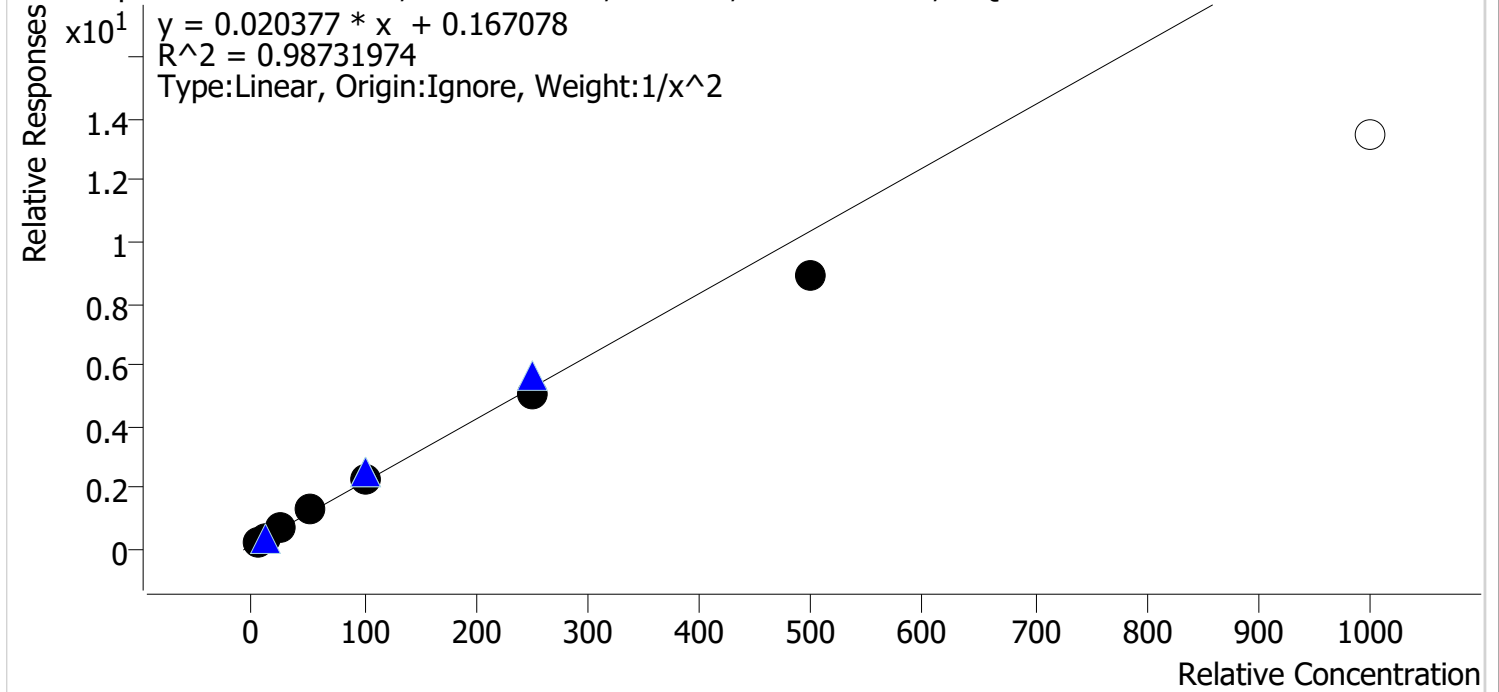
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	22.9	91.7
cal 4 mdq	4	✓	50.0	47.4	94.9
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	260.1	104.0
cal 7 mdq	7	✓	500.0	524.9	105.0
cal 8 mdq	8	✓	1000.0	1045.0	104.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

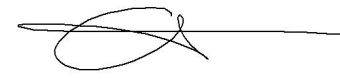
Methamphetamine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.2	92.3
cal 3 mdq	3	✓	25.0	27.7	110.7
cal 4 mdq	4	✓	50.0	55.4	110.7
cal 5 mdq	5	✓	100.0	105.0	105.0
cal 6 mdq	6	✓	250.0	238.3	95.3
cal 7 mdq	7	✓	500.0	426.7	85.3
cal 8 mdq	8	✗	1000.0	652.4	65.2

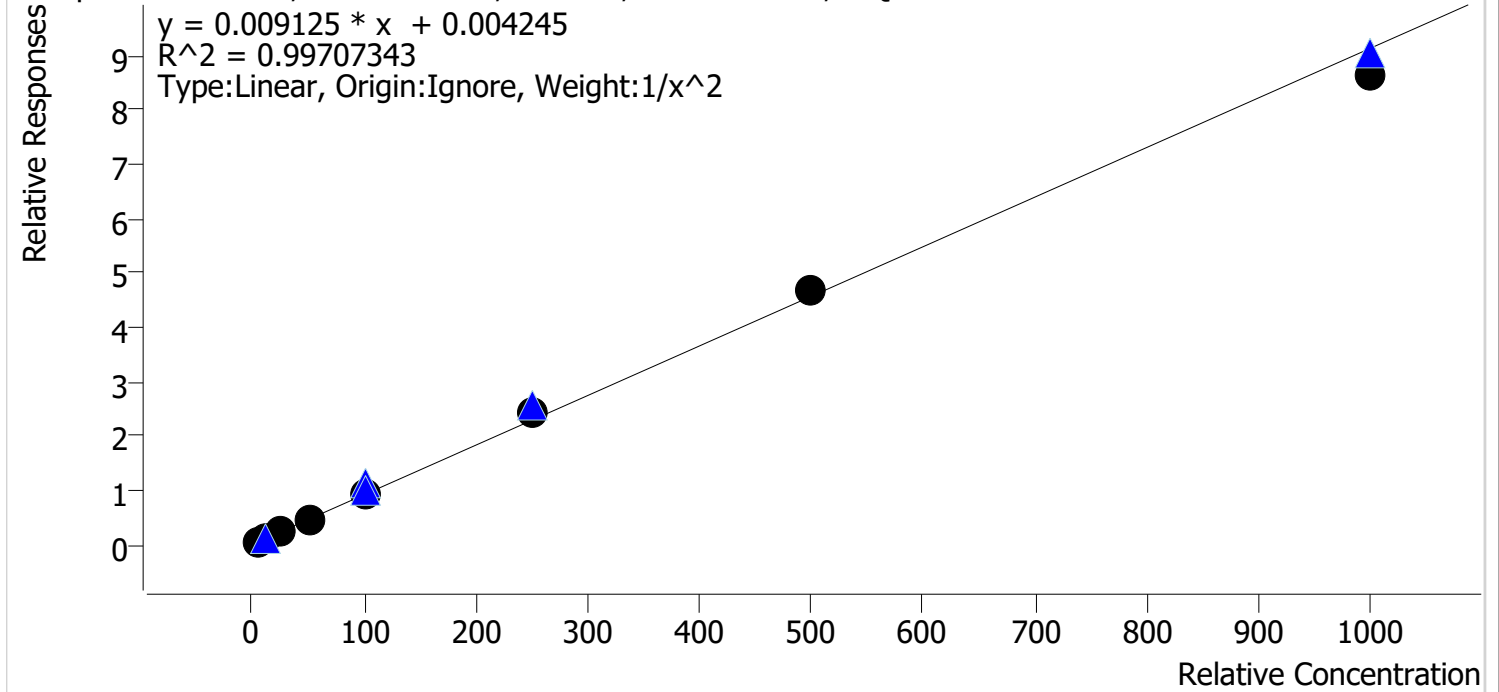
dropped cal 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



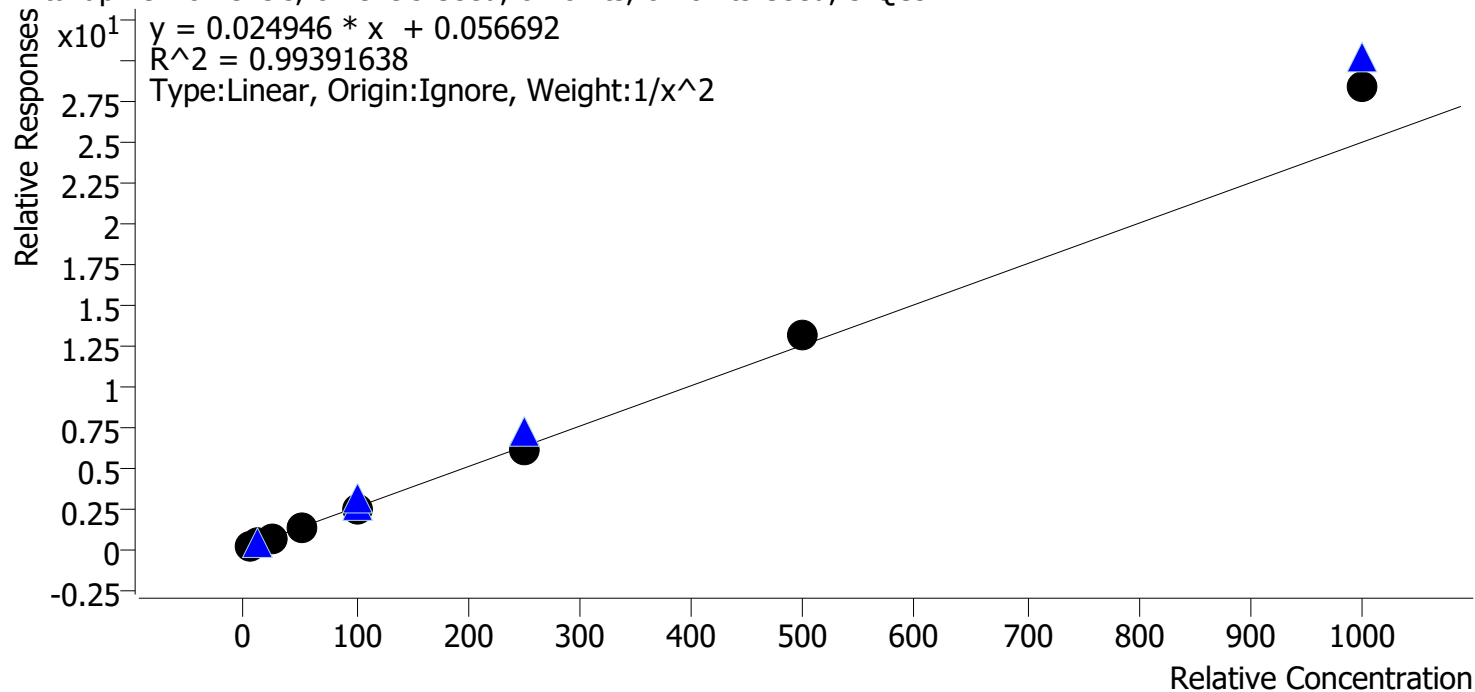
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.7
cal 2 mdq	2	✓	10.0	9.3	93.1
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	49.1	98.3
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	268.7	107.5
cal 7 mdq	7	✓	500.0	512.5	102.5
cal 8 mdq	8	✓	1000.0	949.4	94.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



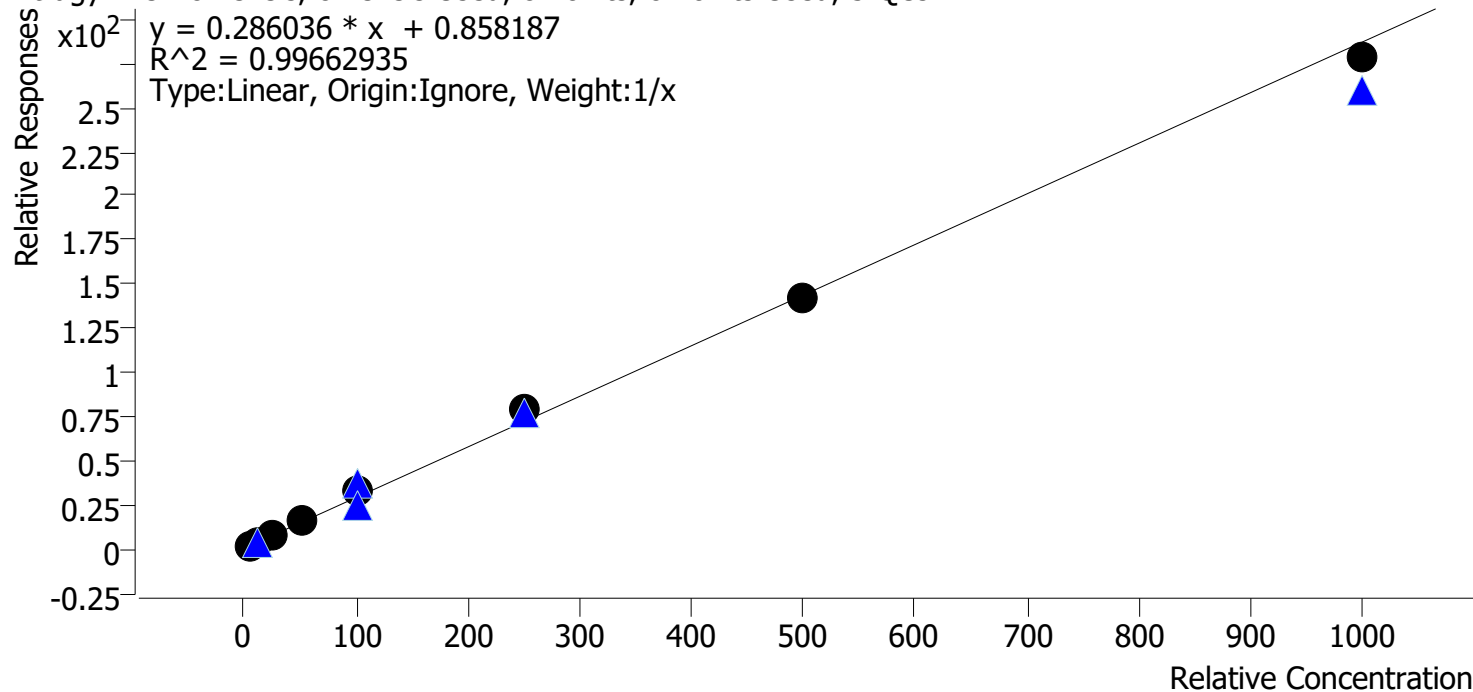
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.0
cal 2 mdq	2	✓	10.0	9.5	95.1
cal 3 mdq	3	✓	25.0	24.1	96.5
cal 4 mdq	4	✓	50.0	46.8	93.6
cal 5 mdq	5	✓	100.0	94.7	94.7
cal 6 mdq	6	✓	250.0	245.7	98.3
cal 7 mdq	7	✓	500.0	523.2	104.6
cal 8 mdq	8	✓	1000.0	1132.6	113.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Norbuprenorphine-D3

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

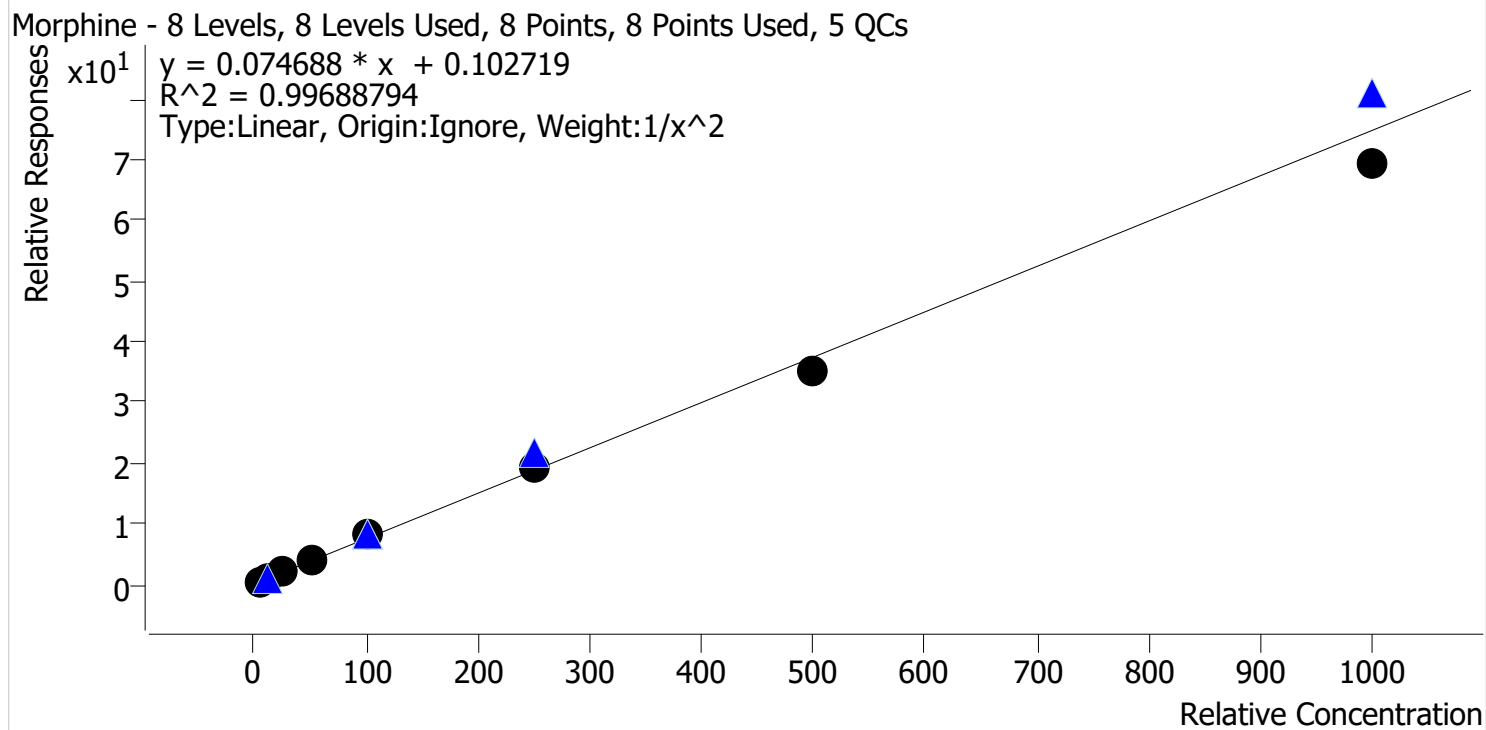


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.2
cal 2 mdq	2	✓	10.0	8.2	82.2
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	52.5	105.0
cal 5 mdq	5	✓	100.0	113.5	113.5
cal 6 mdq	6	✓	250.0	275.6	110.3
cal 7 mdq	7	✓	500.0	491.3	98.3
cal 8 mdq	8	✓	1000.0	969.4	96.9

Compound Calibration Report



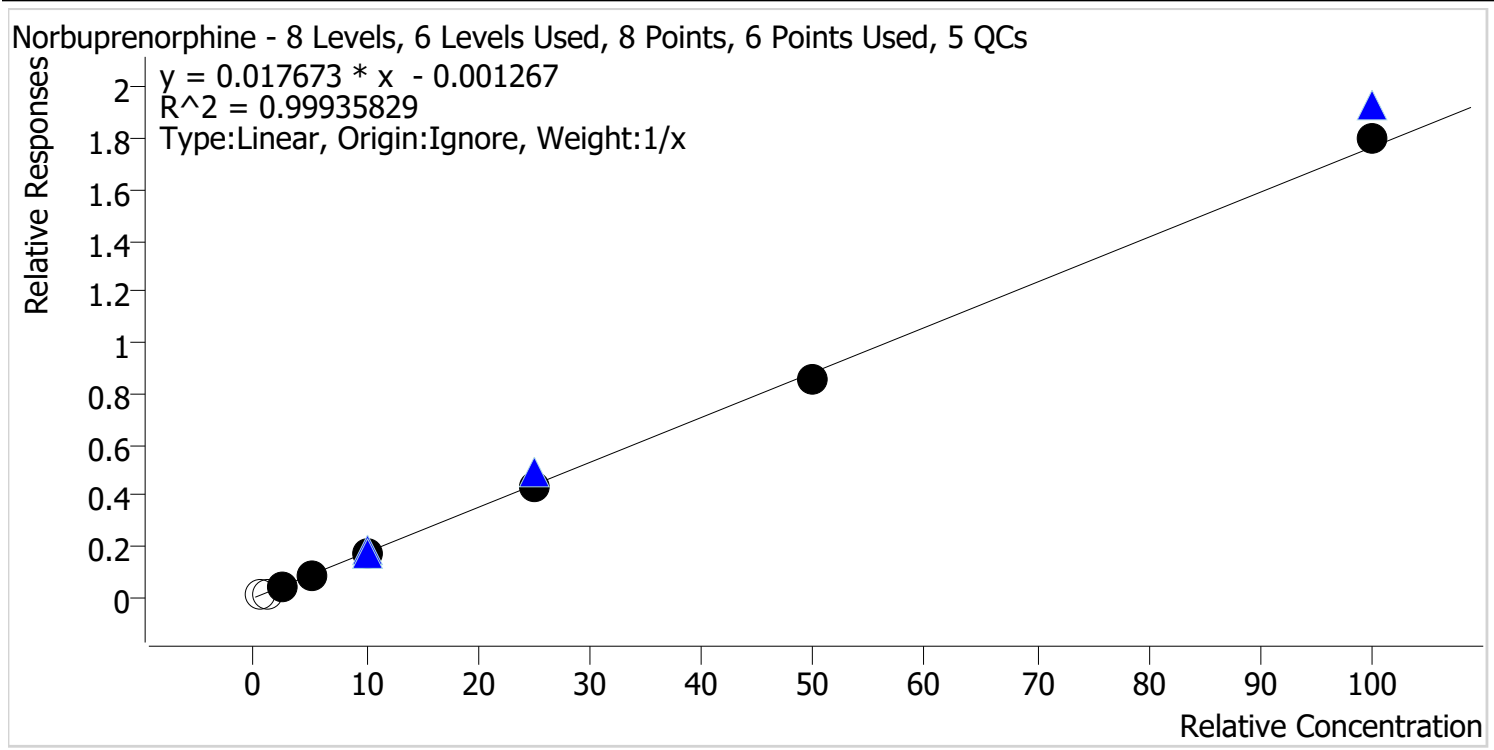
Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	25.6	102.4
cal 4 mdq	4	✓	50.0	51.7	103.3
cal 5 mdq	5	✓	100.0	107.0	107.0
cal 6 mdq	6	✓	250.0	254.0	101.6
cal 7 mdq	7	✓	500.0	467.6	93.5
cal 8 mdq	8	✓	1000.0	928.3	92.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



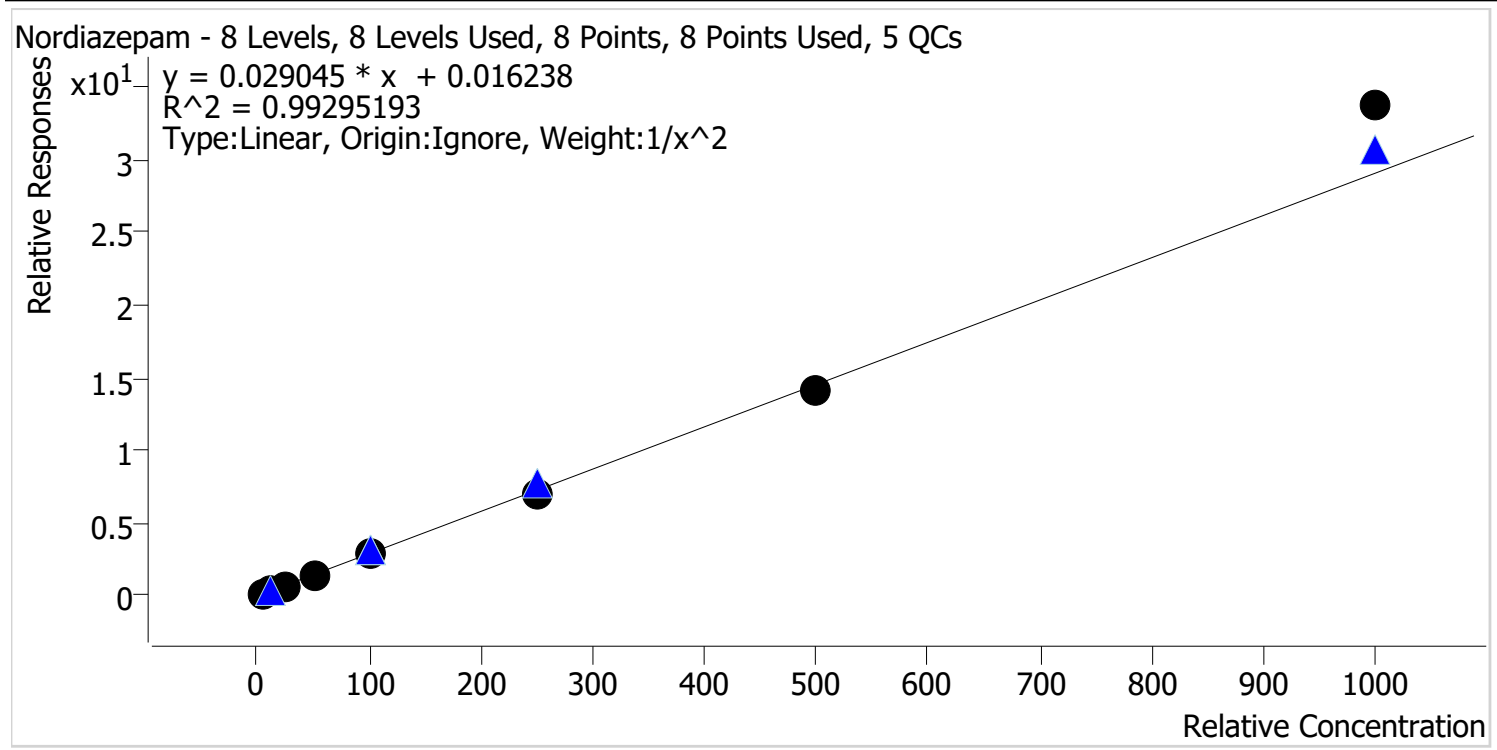
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.9	170.8
cal 2 mdq	2	x	1.0	1.0	99.5
cal 3 mdq	3	✓	2.5	2.7	107.8
cal 4 mdq	4	✓	5.0	4.7	94.3
cal 5 mdq	5	✓	10.0	9.9	99.1
cal 6 mdq	6	✓	25.0	25.0	99.9
cal 7 mdq	7	✓	50.0	48.6	97.3
cal 8 mdq	8	✓	100.0	101.6	101.6

dropped cal 1 and cal 2 ratios out of range

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



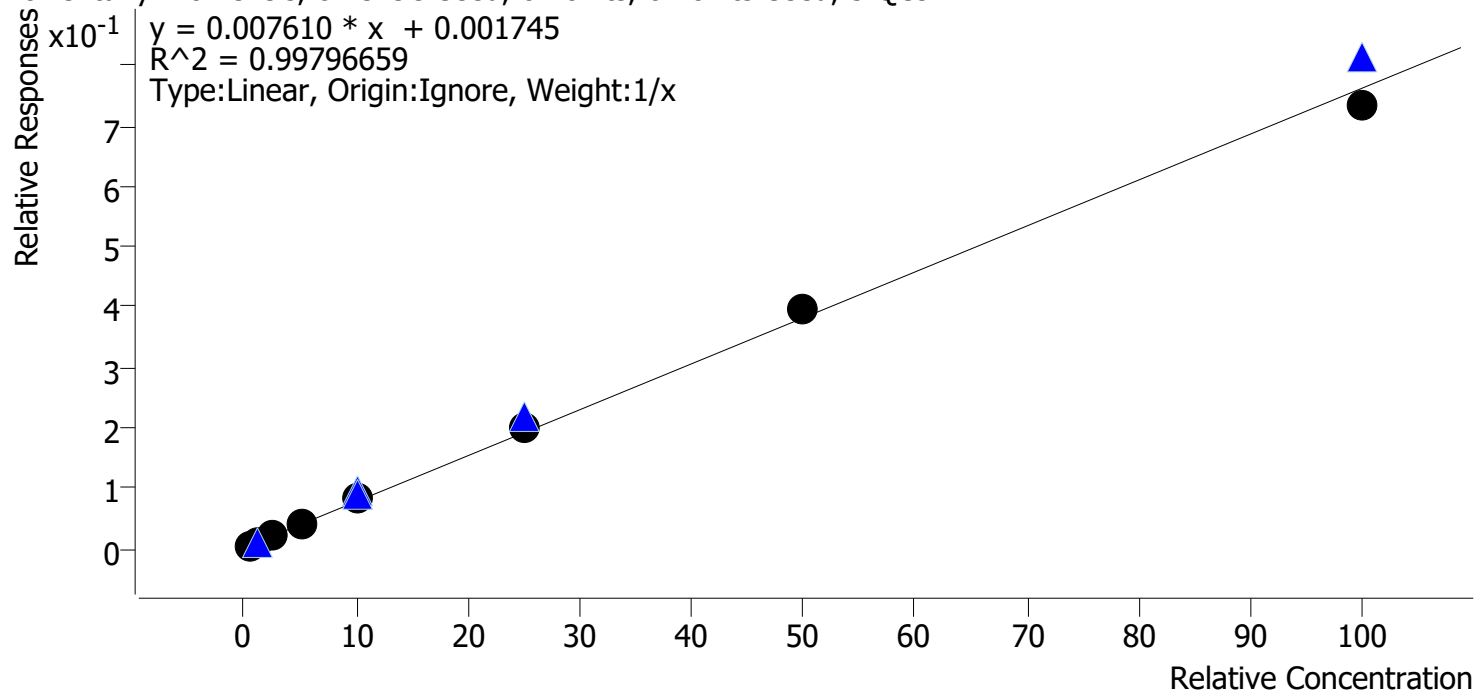
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.2
cal 2 mdq	2	✓	10.0	9.5	94.7
cal 3 mdq	3	✓	25.0	23.3	93.1
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	238.7	95.5
cal 7 mdq	7	✓	500.0	490.4	98.1
cal 8 mdq	8	✓	1000.0	1159.9	116.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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

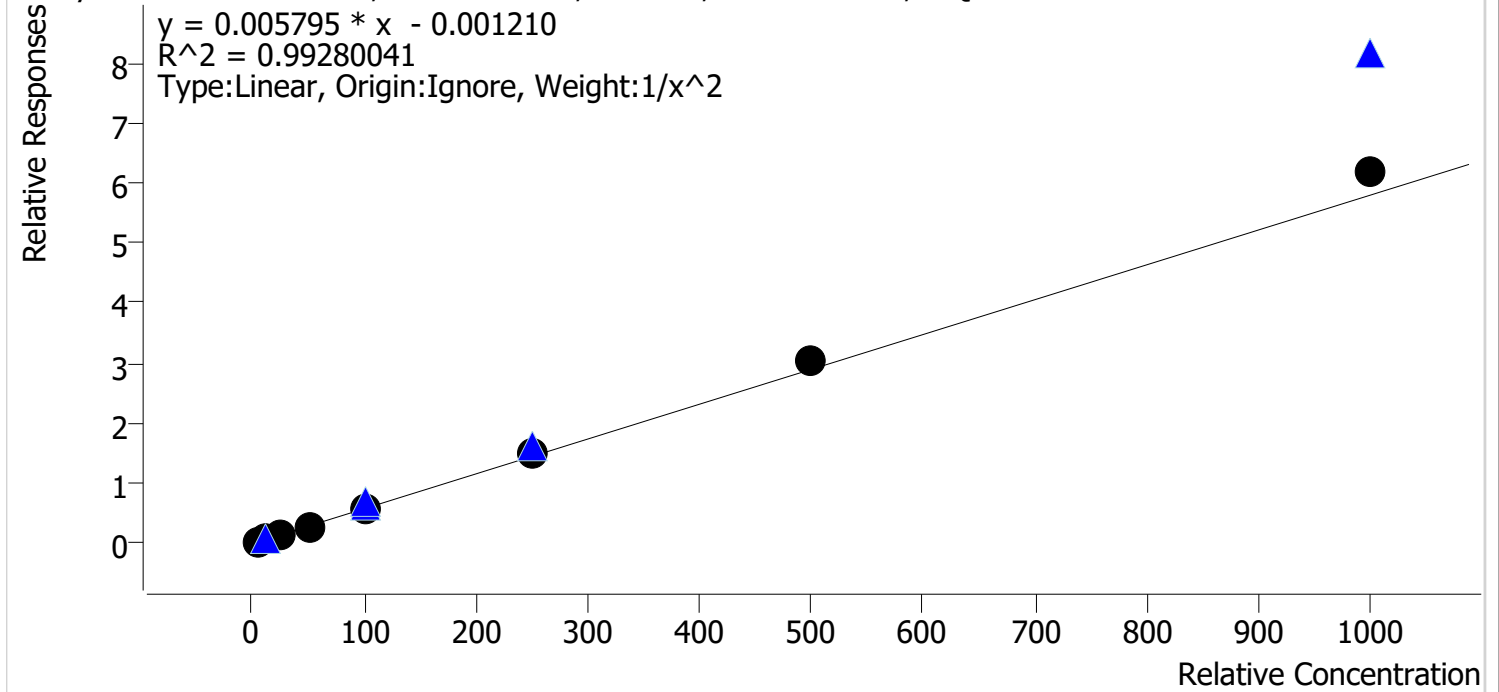


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.4	81.4
cal 2 mdq	2	✓	1.0	1.0	100.4
cal 3 mdq	3	✓	2.5	2.5	100.7
cal 4 mdq	4	✓	5.0	5.3	106.6
cal 5 mdq	5	✓	10.0	10.6	106.1
cal 6 mdq	6	✓	25.0	26.3	105.3
cal 7 mdq	7	✓	50.0	51.7	103.5
cal 8 mdq	8	✓	100.0	96.1	96.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.8
cal 2 mdq	2	✓	10.0	9.4	94.2
cal 3 mdq	3	✓	25.0	21.8	87.2
cal 4 mdq	4	✓	50.0	46.8	93.5
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	263.3	105.3
cal 7 mdq	7	✓	500.0	529.3	105.9
cal 8 mdq	8	✓	1000.0	1065.6	106.6

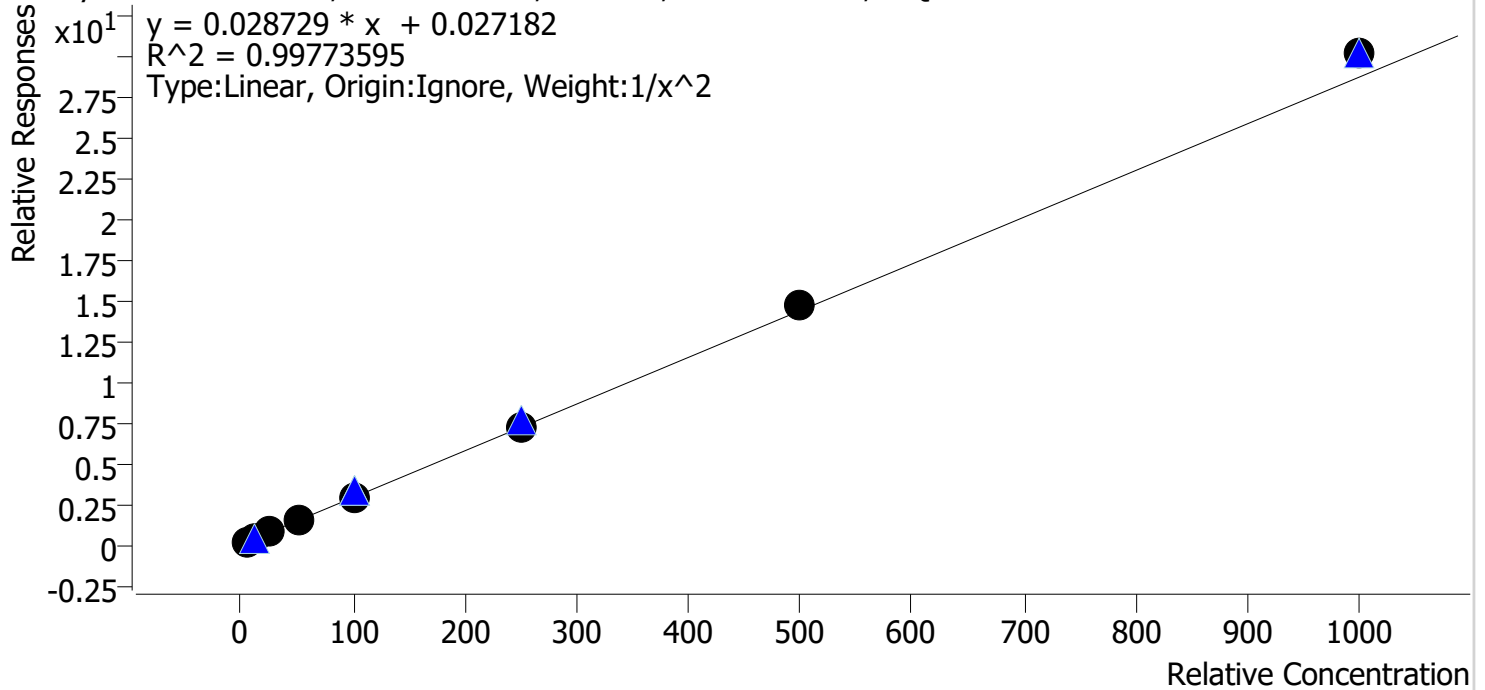
not evaluated rising ratios indicating interferant

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

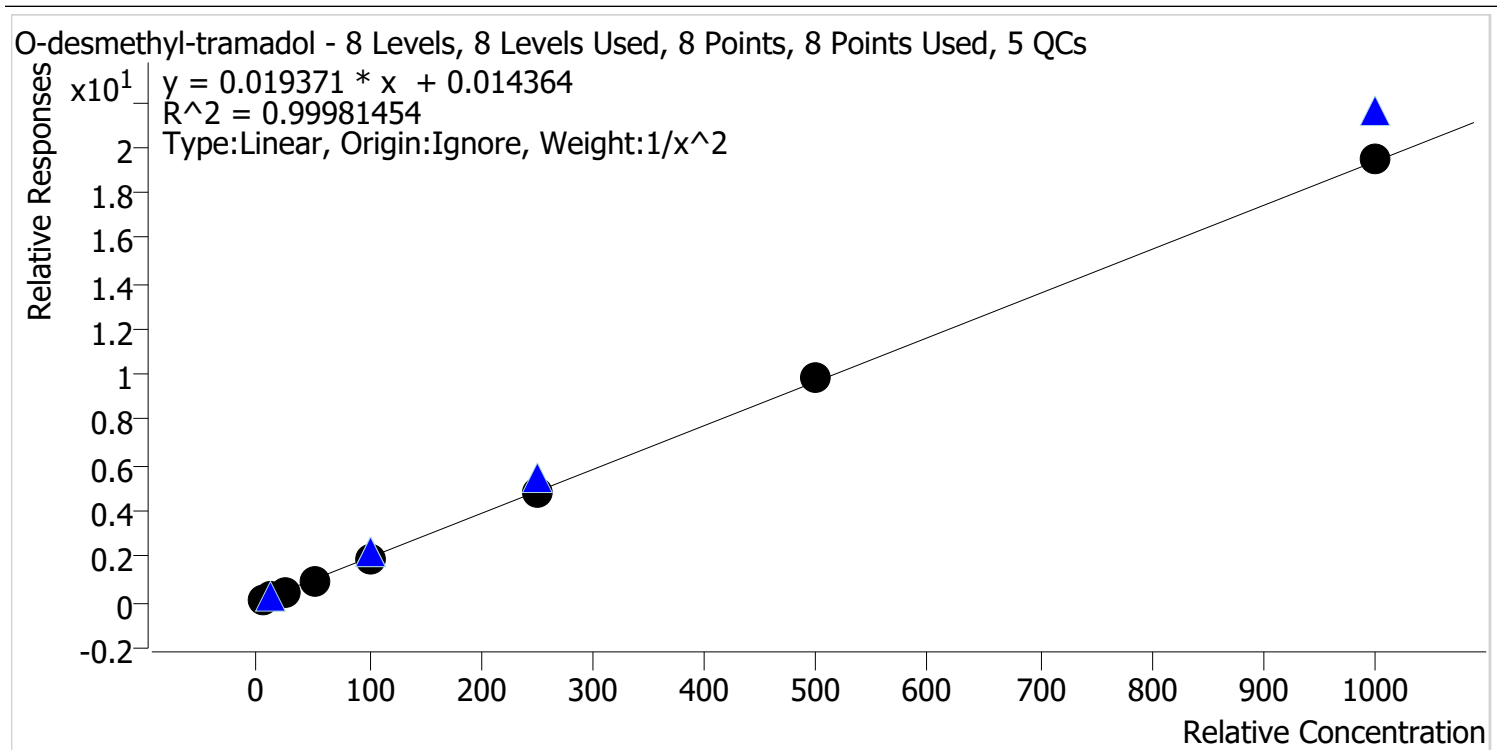


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.3
cal 2 mdq	2	✓	10.0	9.2	92.3
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	246.2	98.5
cal 7 mdq	7	✓	500.0	513.8	102.8
cal 8 mdq	8	✓	1000.0	1050.4	105.0

Compound Calibration Report

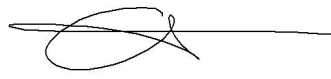


Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



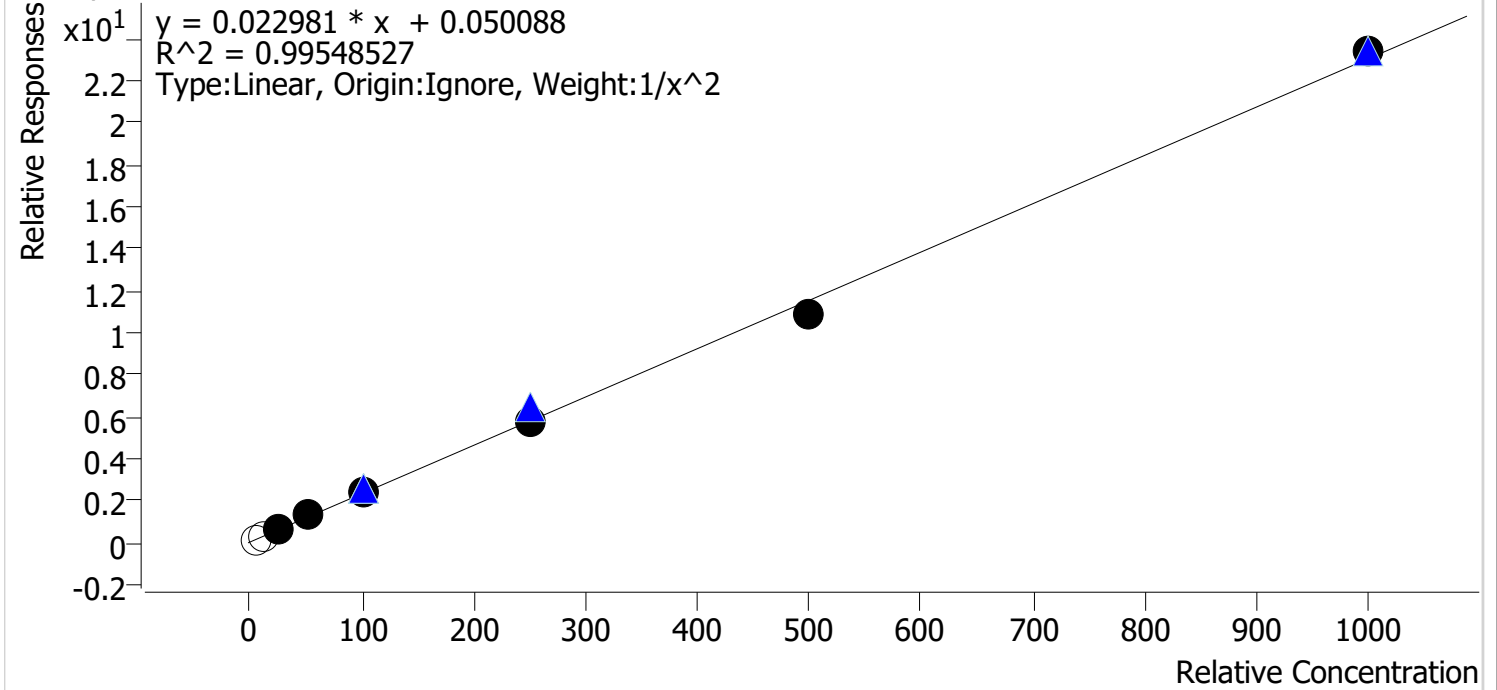
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	509.5	101.9
cal 8 mdq	8	✓	1000.0	1009.0	100.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

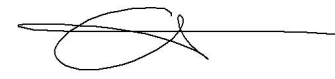
Oxazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	4.4	87.7
cal 2 mdq	2	x	10.0	9.1	90.8
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	54.7	109.5
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	471.7	94.3
cal 8 mdq	8	✓	1000.0	1014.9	101.5

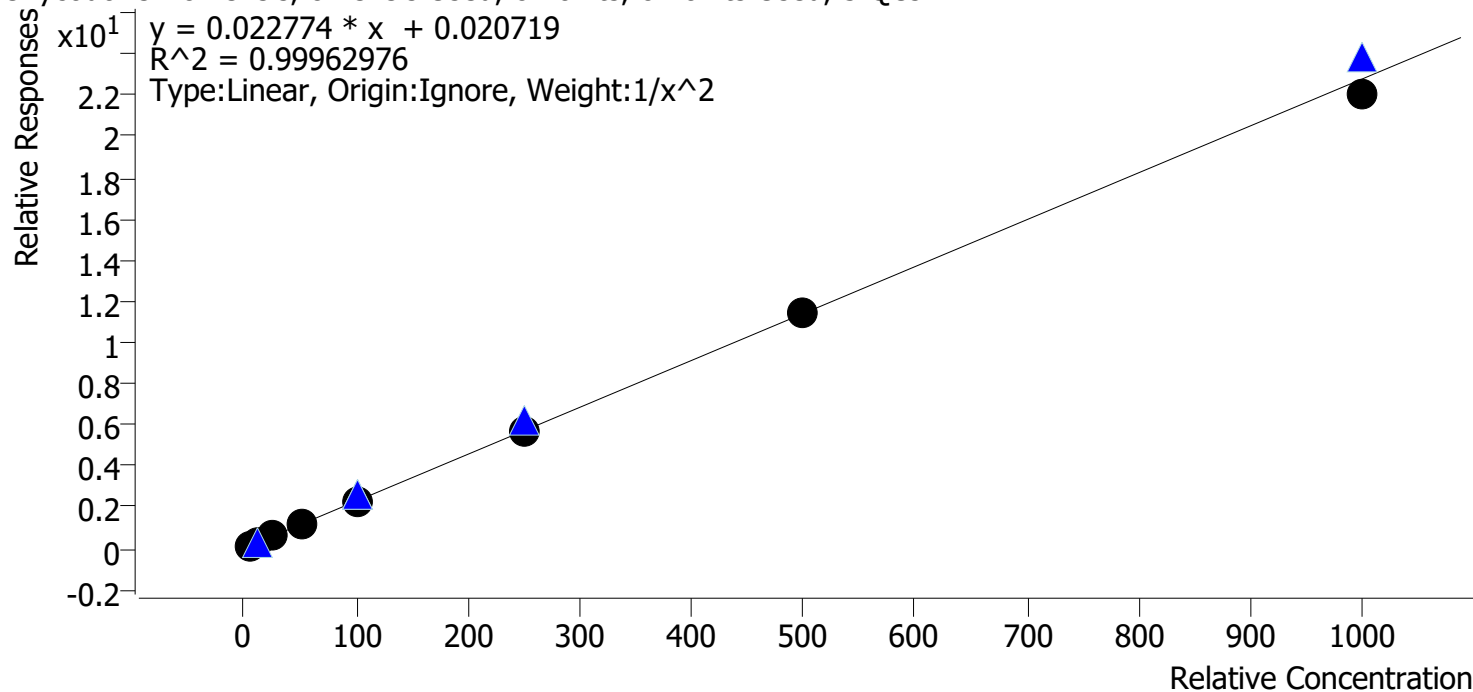
dropped cal 1 and cal 2 ratio of 10 ng qc out of range

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

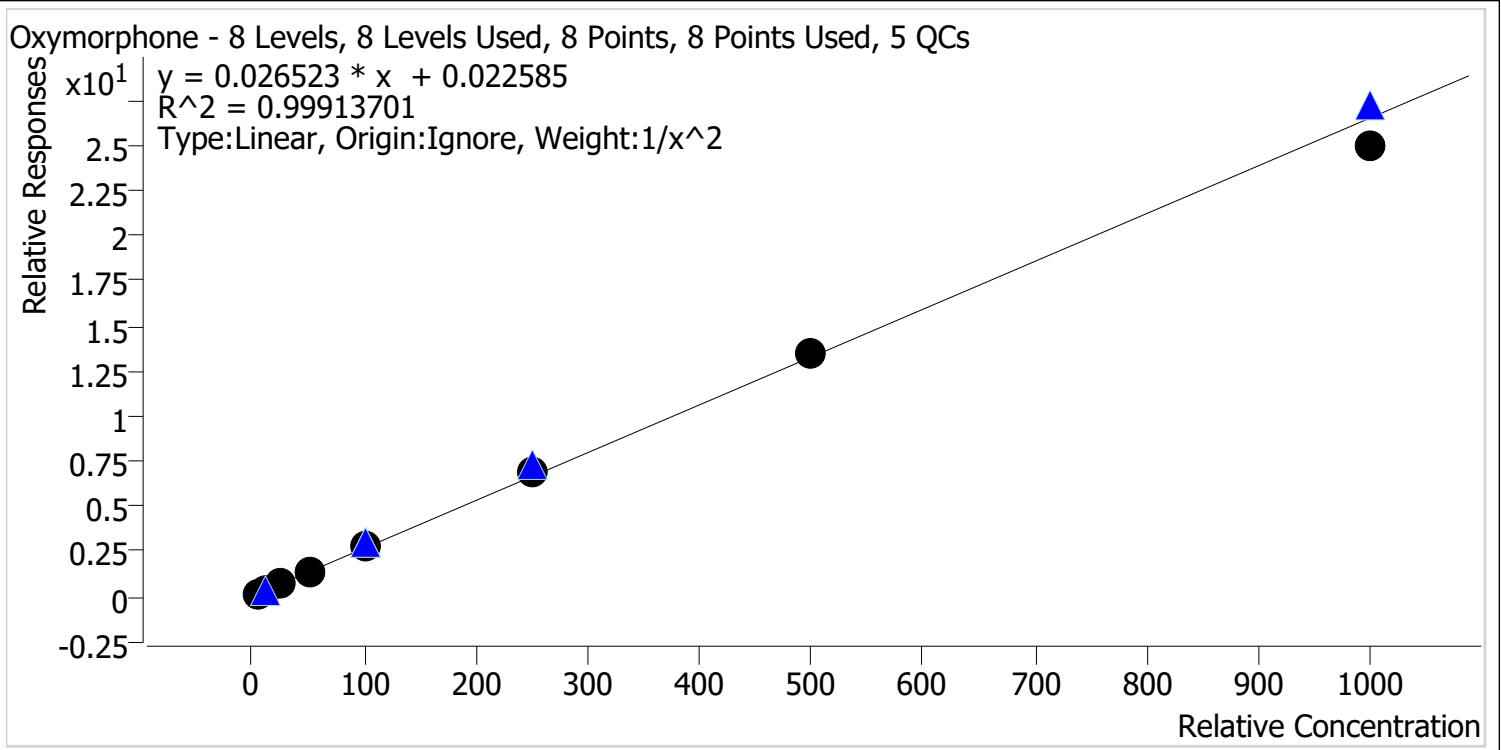
Oxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	50.7	101.3
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	504.3	100.9
cal 8 mdq	8	✓	1000.0	965.8	96.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



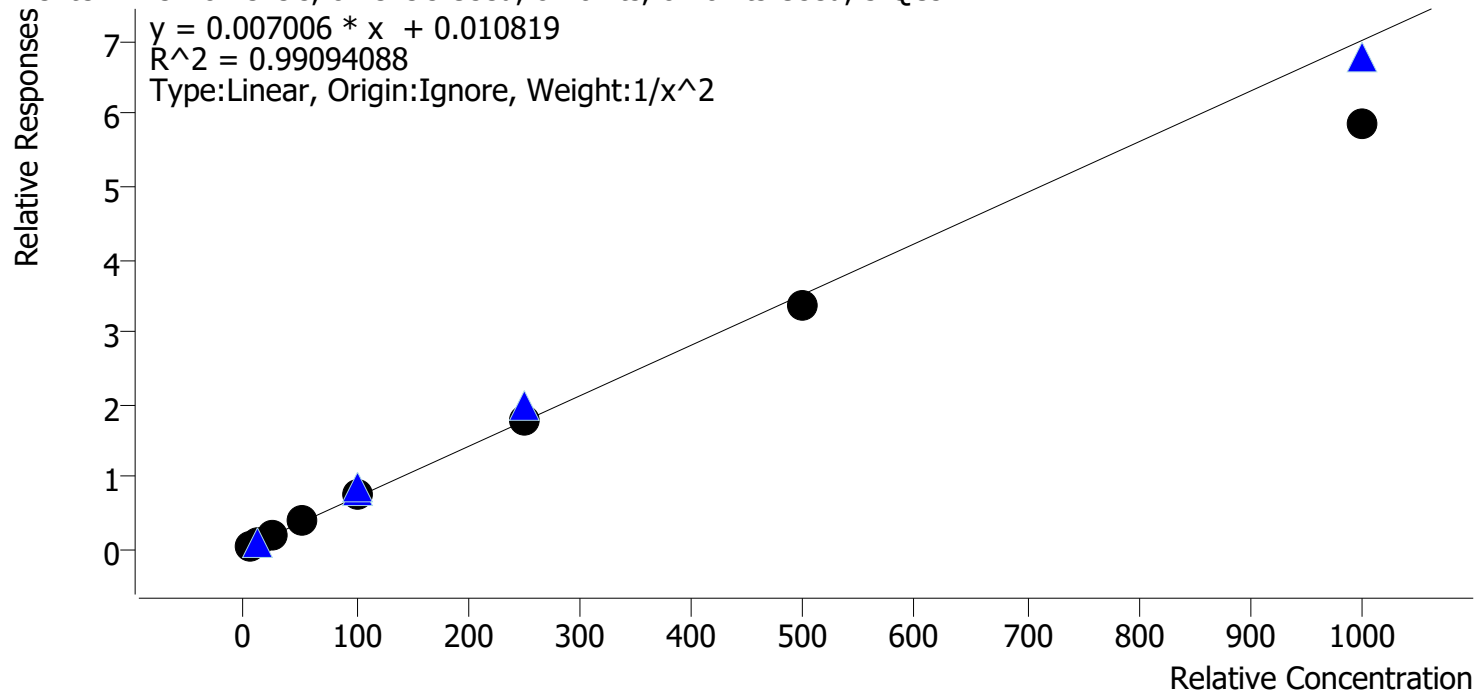
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	505.2	101.0
cal 8 mdq	8	✓	1000.0	942.6	94.3

Compound Calibration Report



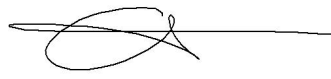
Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



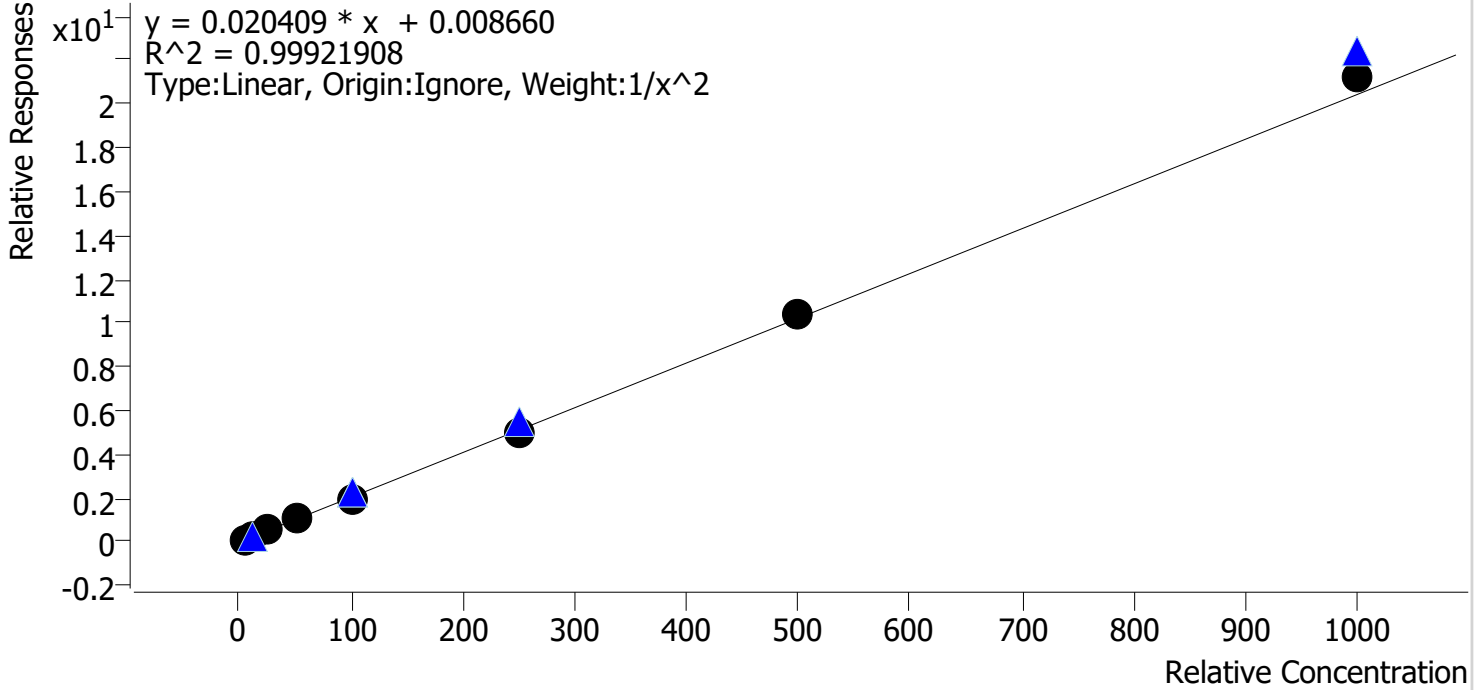
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	27.3	109.2
cal 4 mdq	4	✓	50.0	54.6	109.3
cal 5 mdq	5	✓	100.0	104.6	104.6
cal 6 mdq	6	✓	250.0	253.5	101.4
cal 7 mdq	7	✓	500.0	481.4	96.3
cal 8 mdq	8	✓	1000.0	838.2	83.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



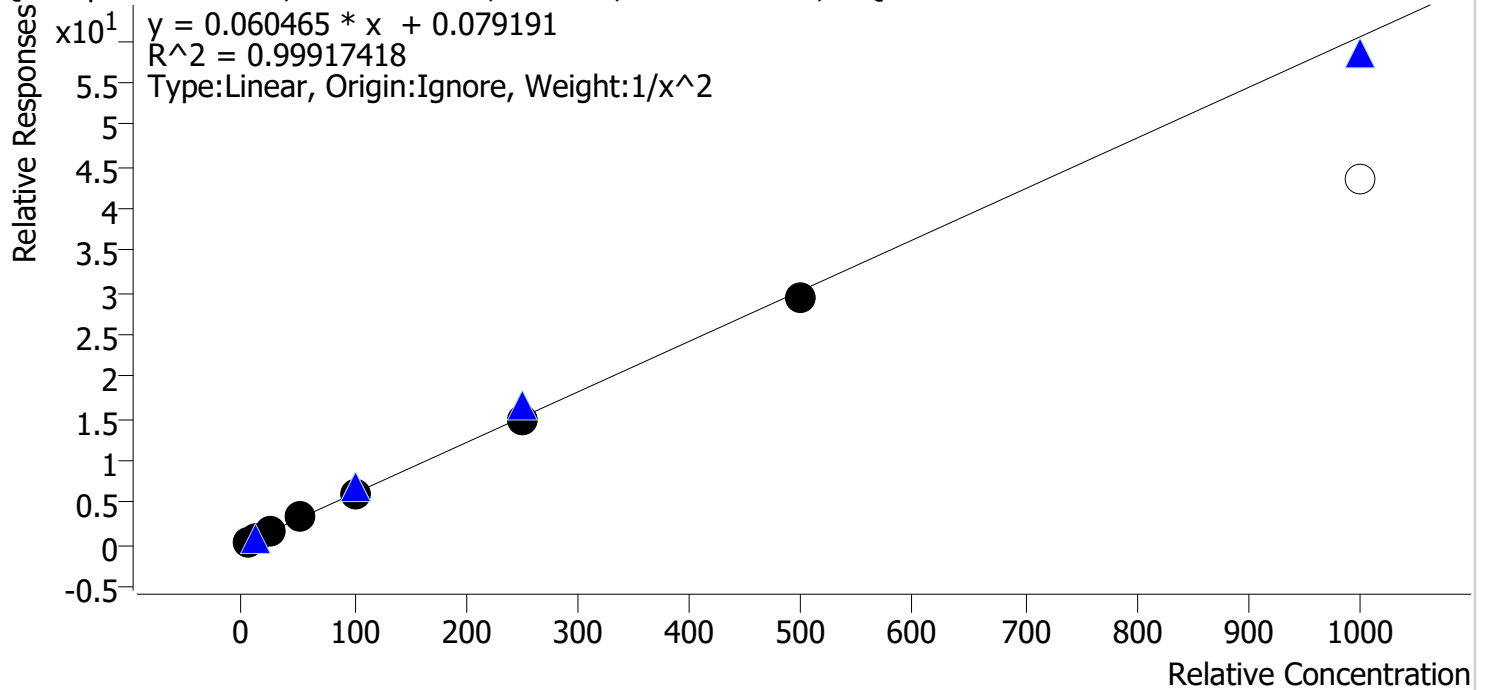
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.6	98.2
cal 4 mdq	4	✓	50.0	49.8	99.5
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	246.4	98.6
cal 7 mdq	7	✓	500.0	512.9	102.6
cal 8 mdq	8	✓	1000.0	1040.7	104.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

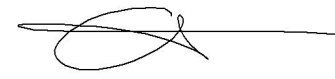
Quetiapine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	51.2	102.5
cal 5 mdq	5	✓	100.0	99.5	99.5
cal 6 mdq	6	✓	250.0	246.2	98.5
cal 7 mdq	7	✓	500.0	482.6	96.5
cal 8 mdq	8	✗	1000.0	721.4	72.1

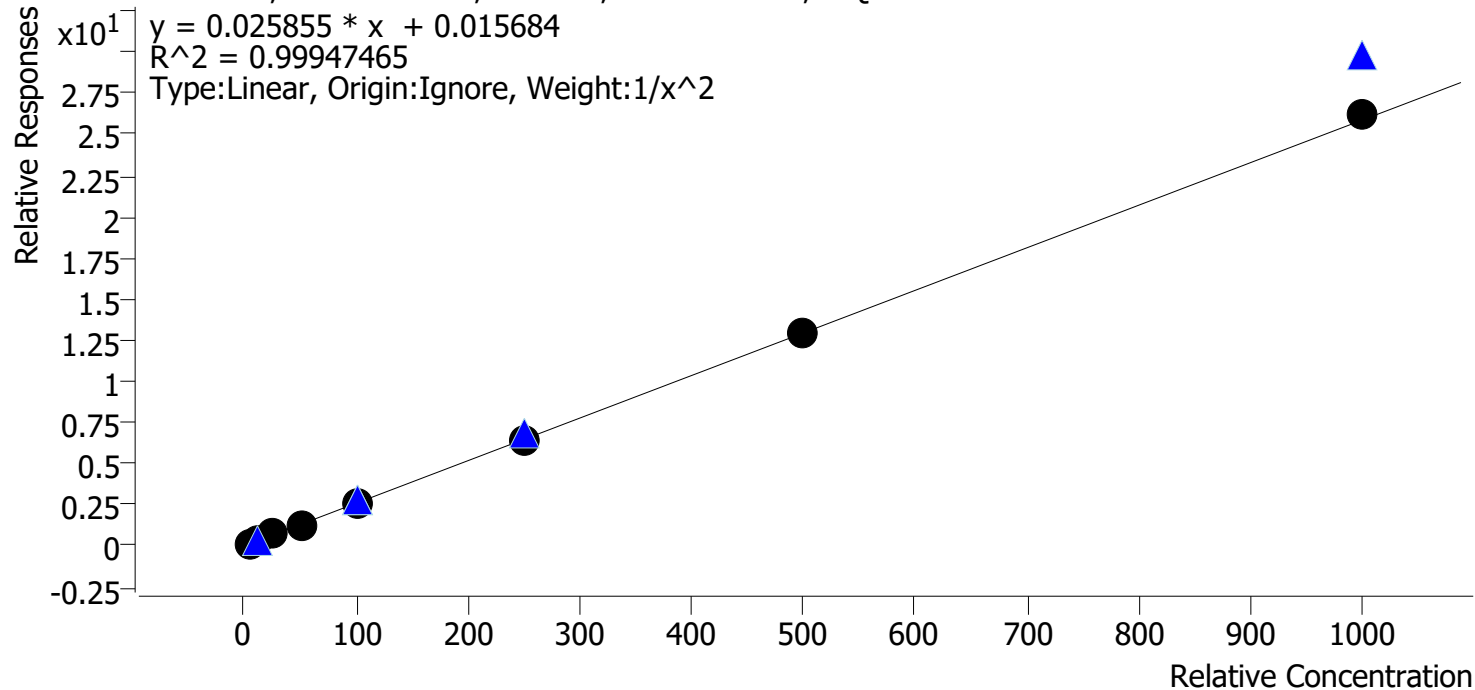
dropped cal 8 accuracy

Compound Calibration Report



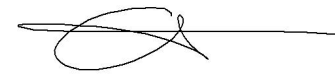
Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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

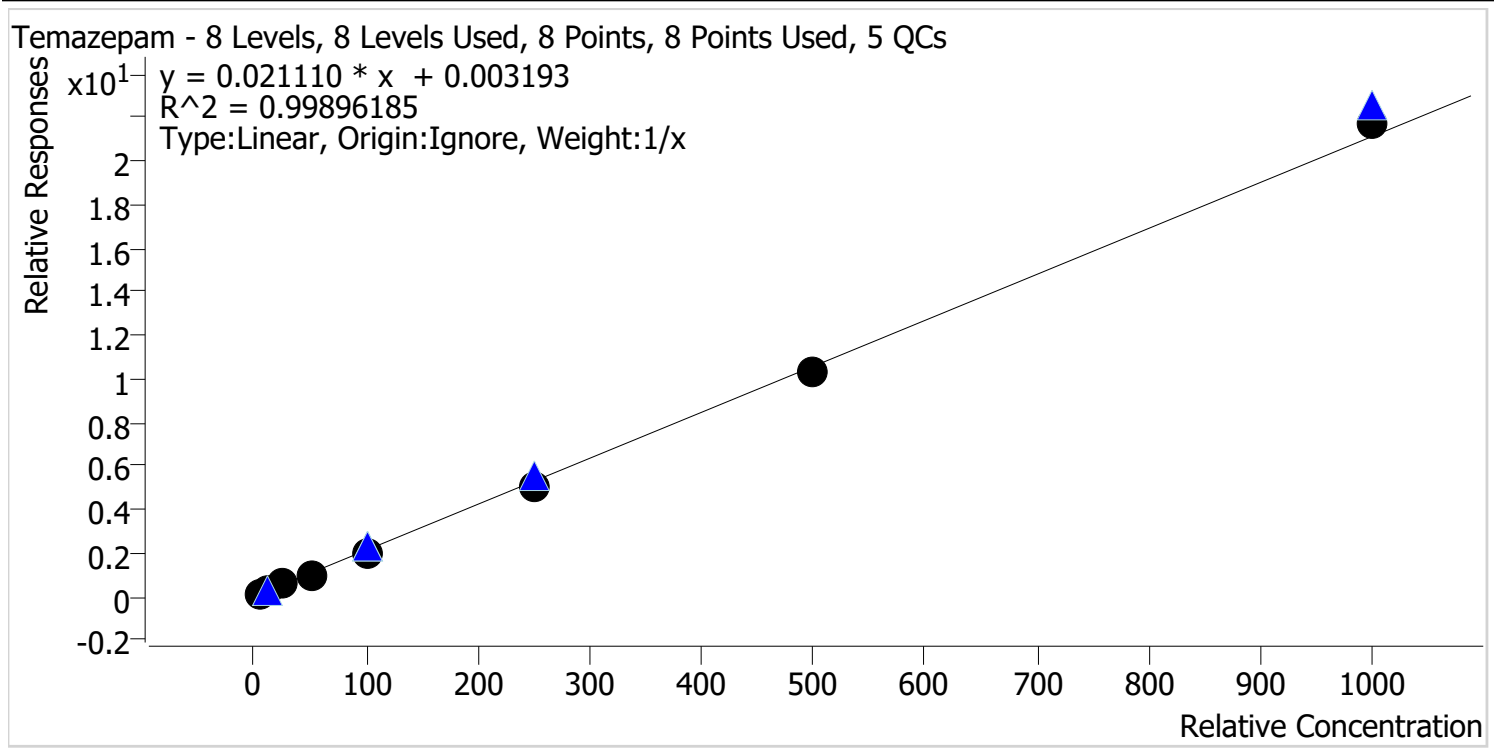


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	25.3	101.0
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	245.2	98.1
cal 7 mdq	7	✓	500.0	496.9	99.4
cal 8 mdq	8	✓	1000.0	1011.5	101.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

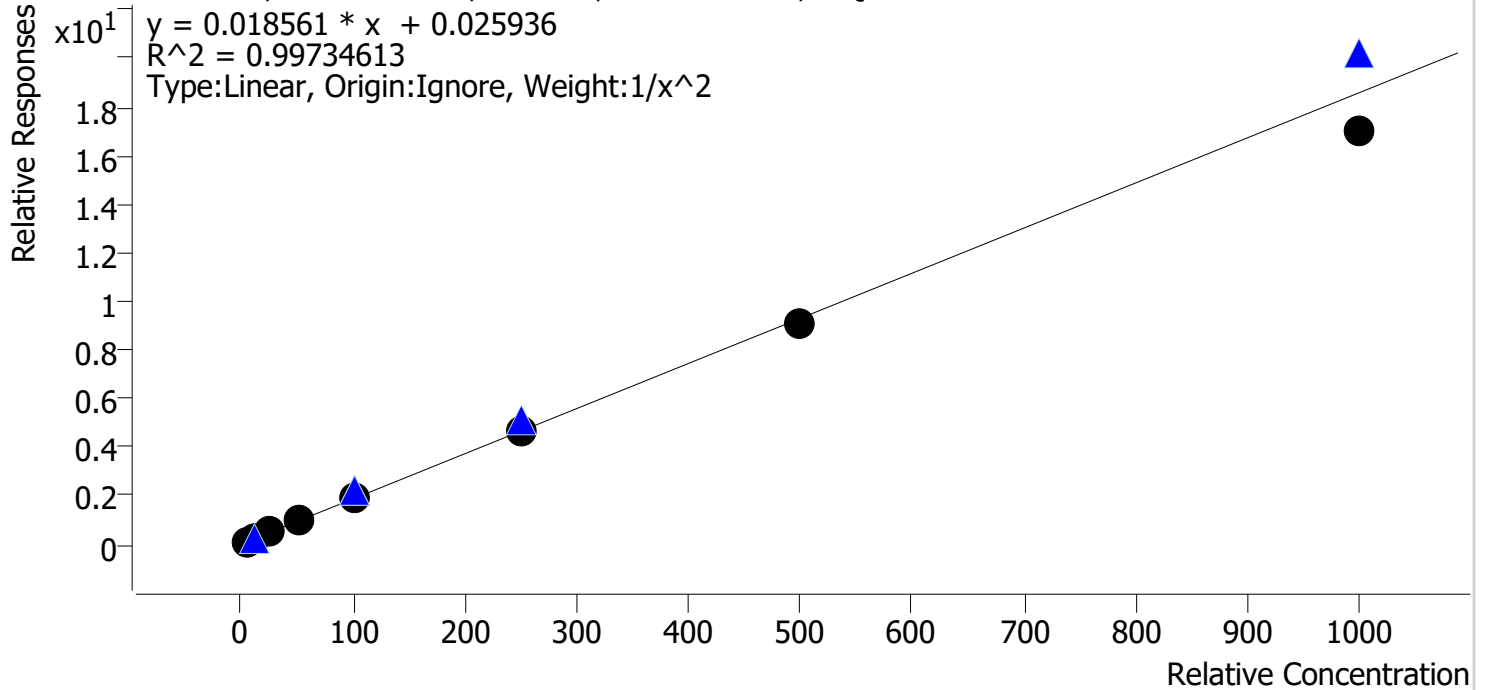


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.6
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	48.3	96.5
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	237.5	95.0
cal 7 mdq	7	✓	500.0	489.8	98.0
cal 8 mdq	8	✓	1000.0	1027.5	102.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	26.1	104.6
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	247.0	98.8
cal 7 mdq	7	✓	500.0	488.0	97.6
cal 8 mdq	8	✓	1000.0	916.7	91.7

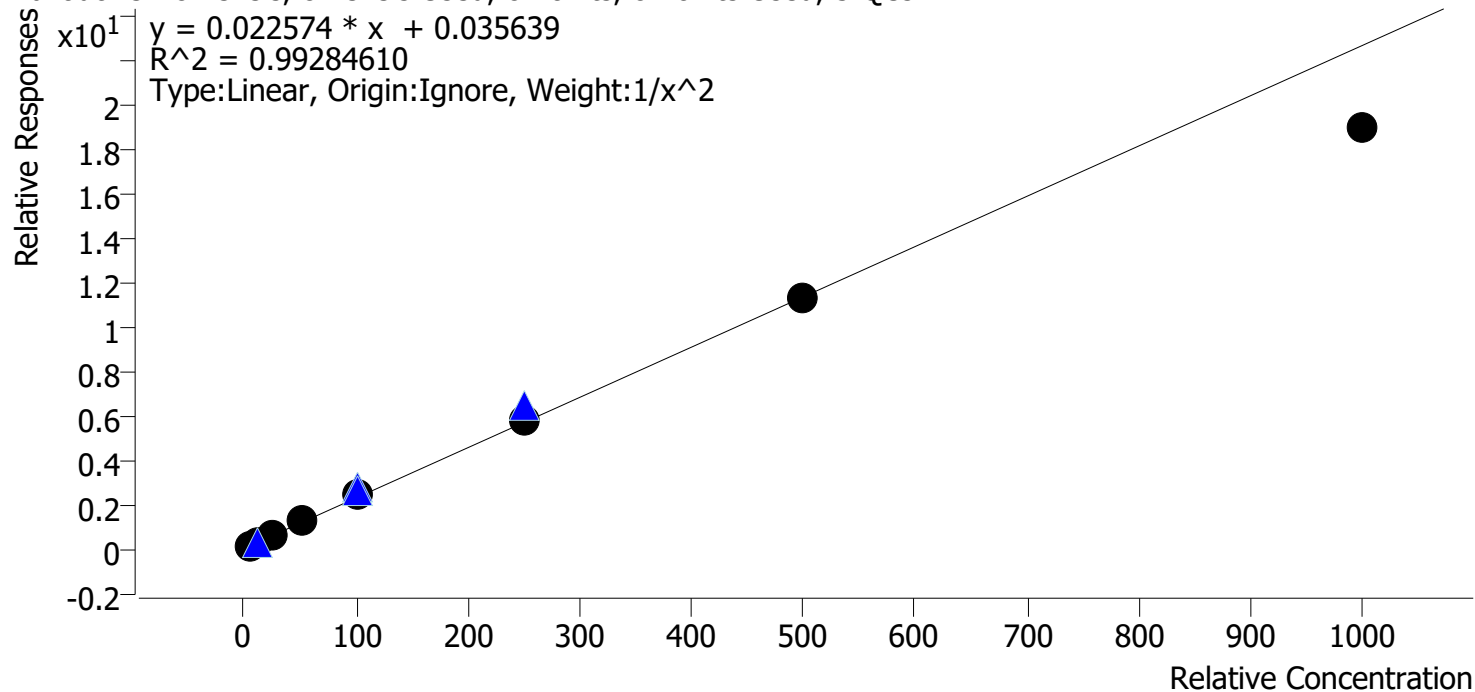
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

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

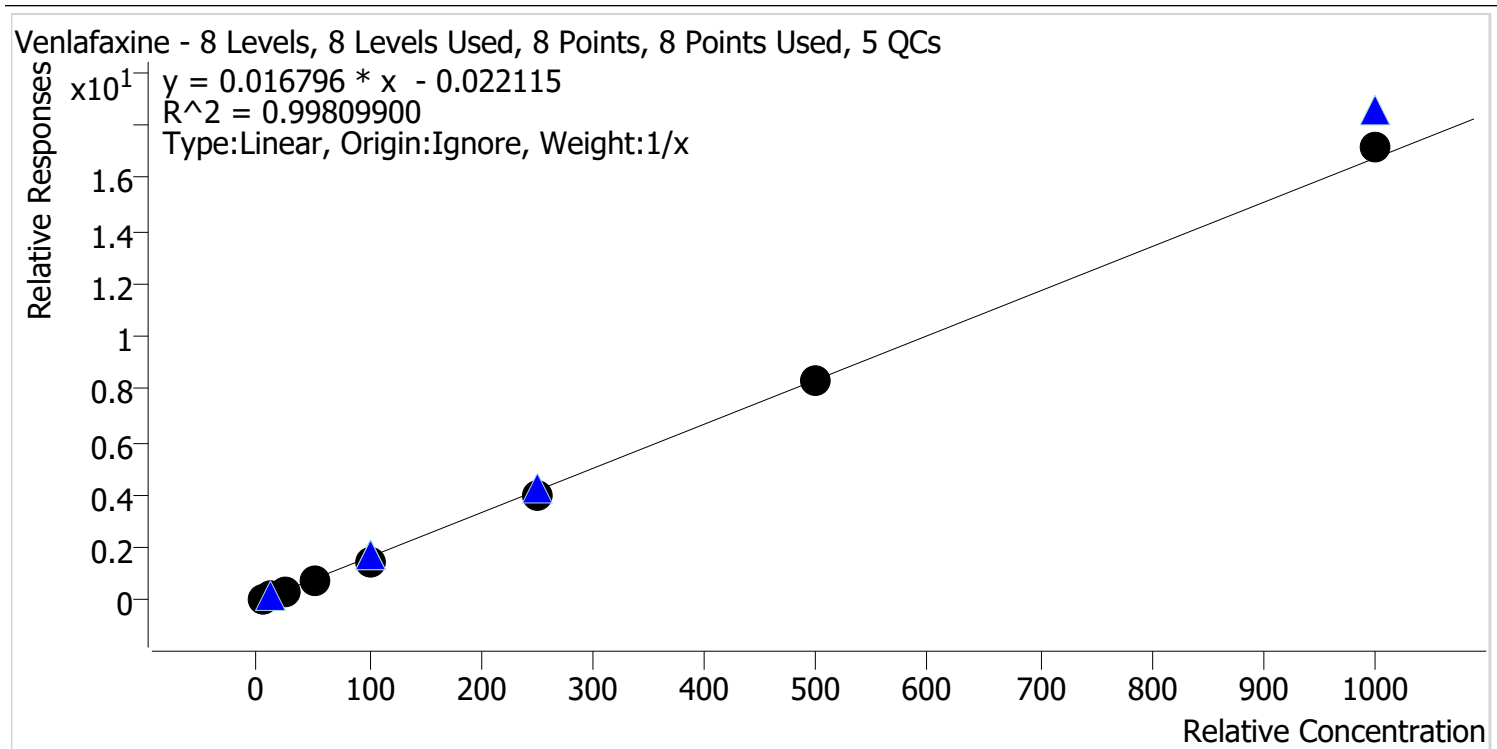


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	25.6	102.4
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	108.1	108.1
cal 6 mdq	6	✓	250.0	257.8	103.1
cal 7 mdq	7	✓	500.0	497.1	99.4
cal 8 mdq	8	✓	1000.0	834.1	83.4

Compound Calibration Report

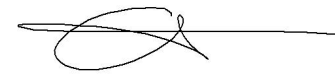


Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



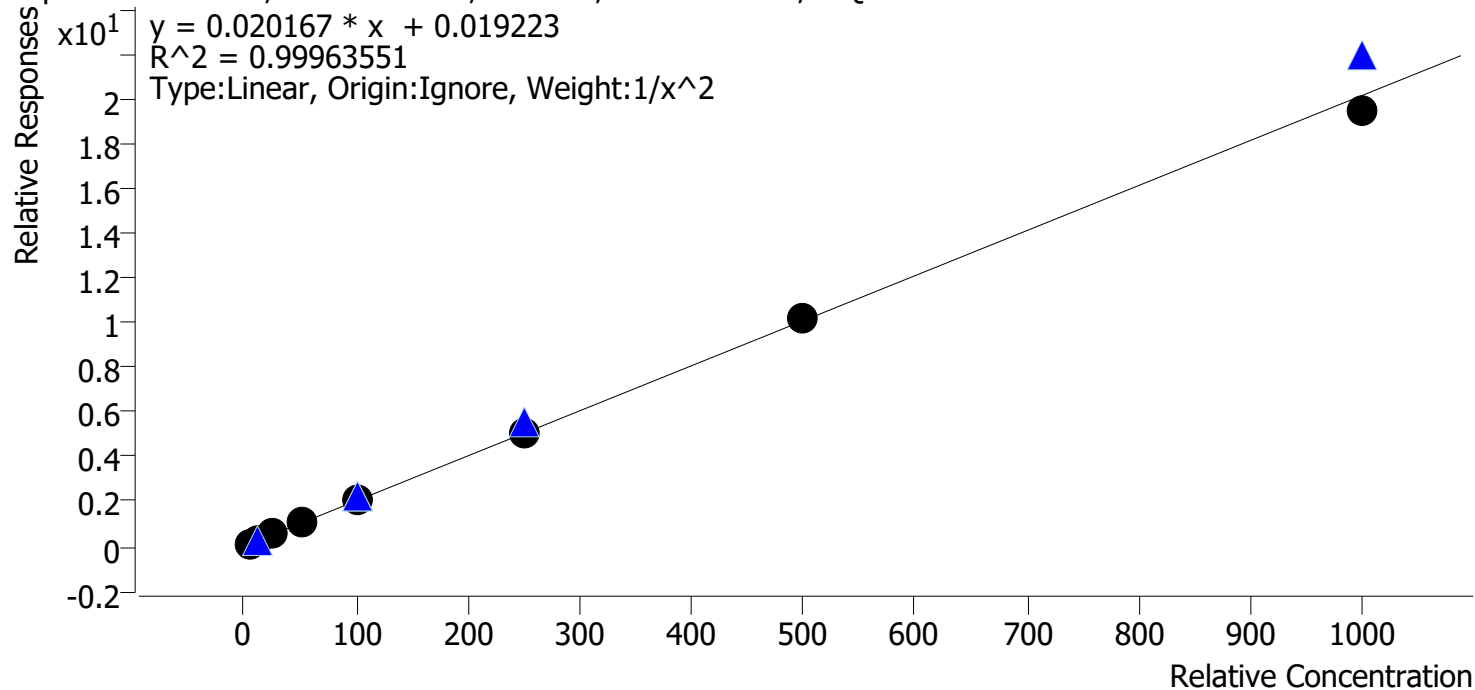
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	6.2	123.1
cal 2 mdq	2	✓	10.0	10.6	106.1
cal 3 mdq	3	✓	25.0	23.2	92.8
cal 4 mdq	4	✓	50.0	45.6	91.1
cal 5 mdq	5	✓	100.0	89.0	89.0
cal 6 mdq	6	✓	250.0	237.4	95.0
cal 7 mdq	7	✓	500.0	501.9	100.4
cal 8 mdq	8	✓	1000.0	1026.2	102.6

Compound Calibration Report



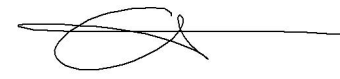
Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



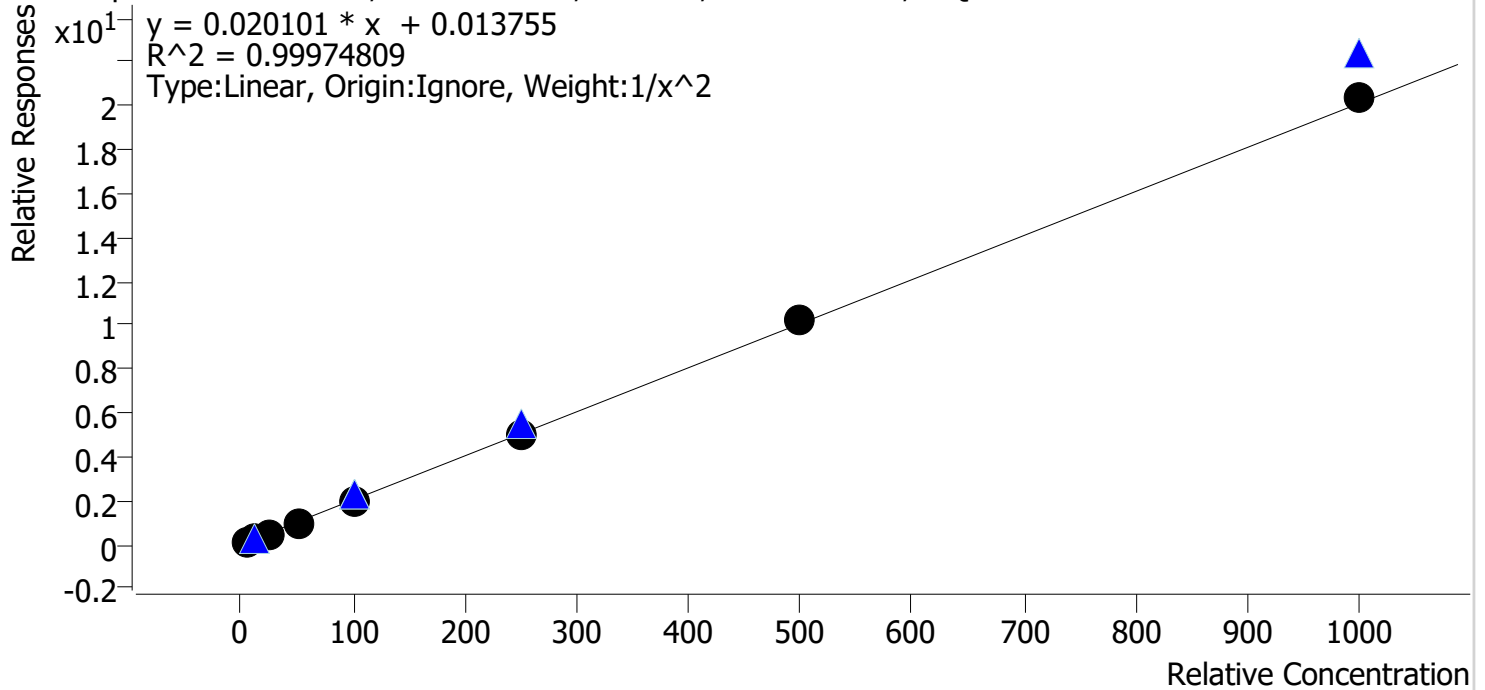
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	252.4	101.0
cal 7 mdq	7	✓	500.0	503.5	100.7
cal 8 mdq	8	✓	1000.0	966.7	96.7

Compound Calibration Report



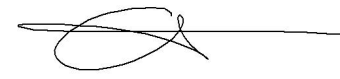
Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



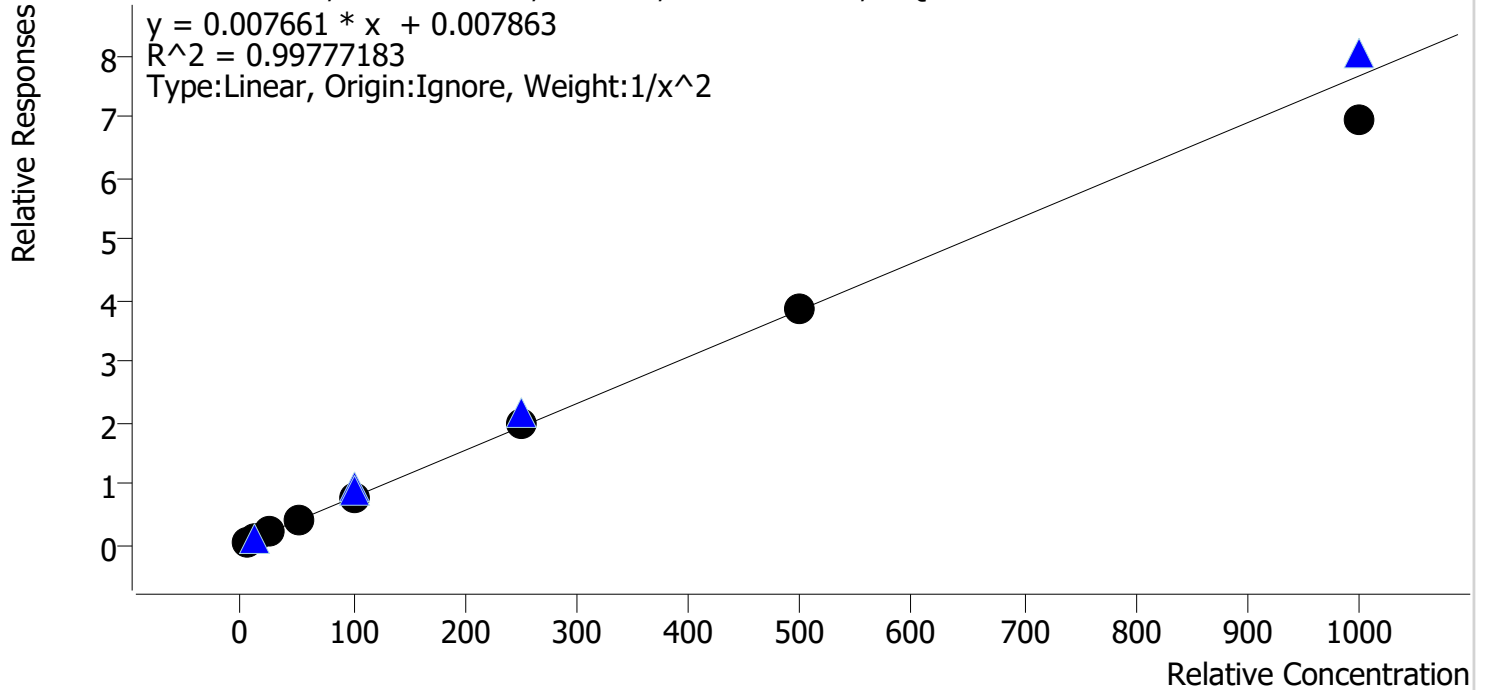
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	24.6	98.5
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	250.2	100.1
cal 7 mdq	7	✓	500.0	511.1	102.2
cal 8 mdq	8	✓	1000.0	1014.6	101.5

Compound Calibration Report



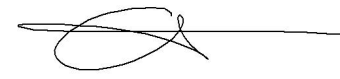
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Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Phentermine-D5

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



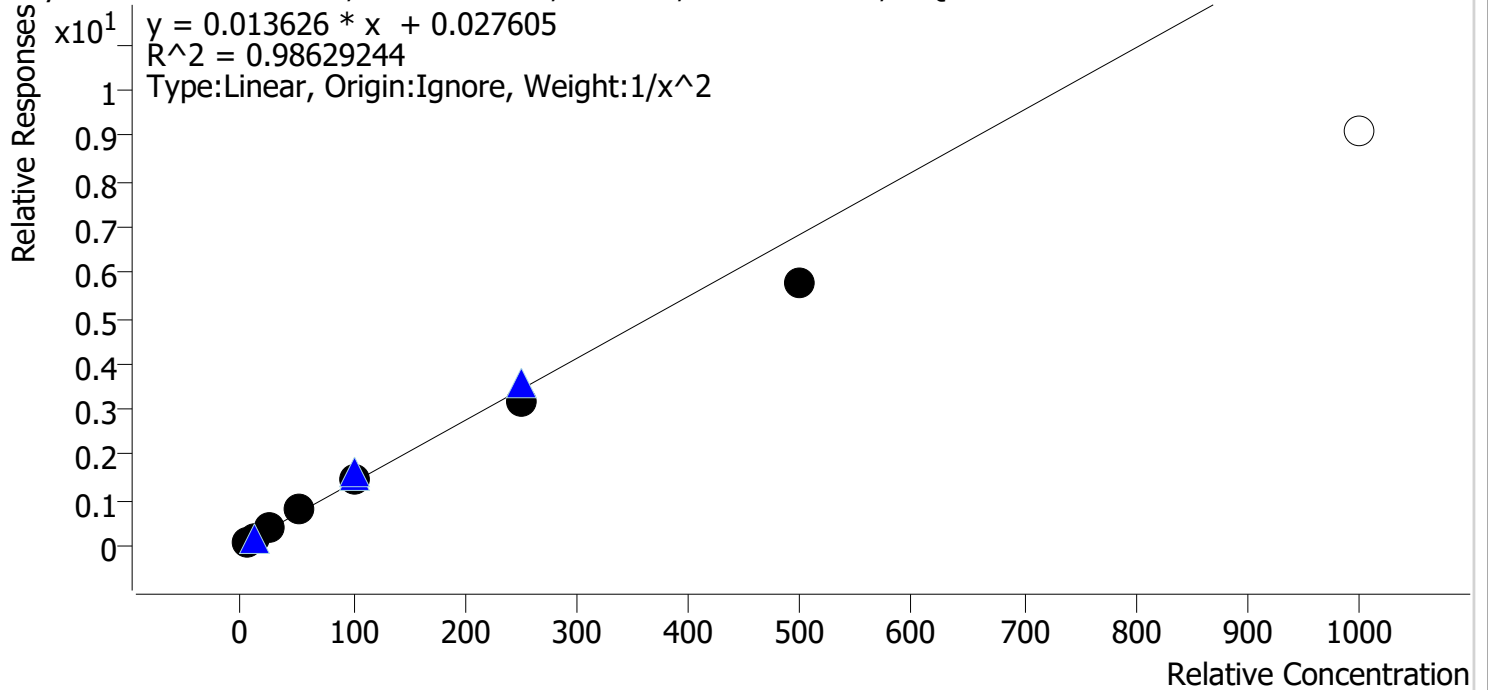
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	26.3	105.2
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	253.8	101.5
cal 7 mdq	7	✓	500.0	501.1	100.2
cal 8 mdq	8	✓	1000.0	910.0	91.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Last Cal. Update 11/18/2021 1:33 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.7
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	28.3	113.1
cal 4 mdq	4	✓	50.0	54.7	109.4
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	232.7	93.1
cal 7 mdq	7	✓	500.0	419.7	83.9
cal 8 mdq	8	x	1000.0	664.1	66.4

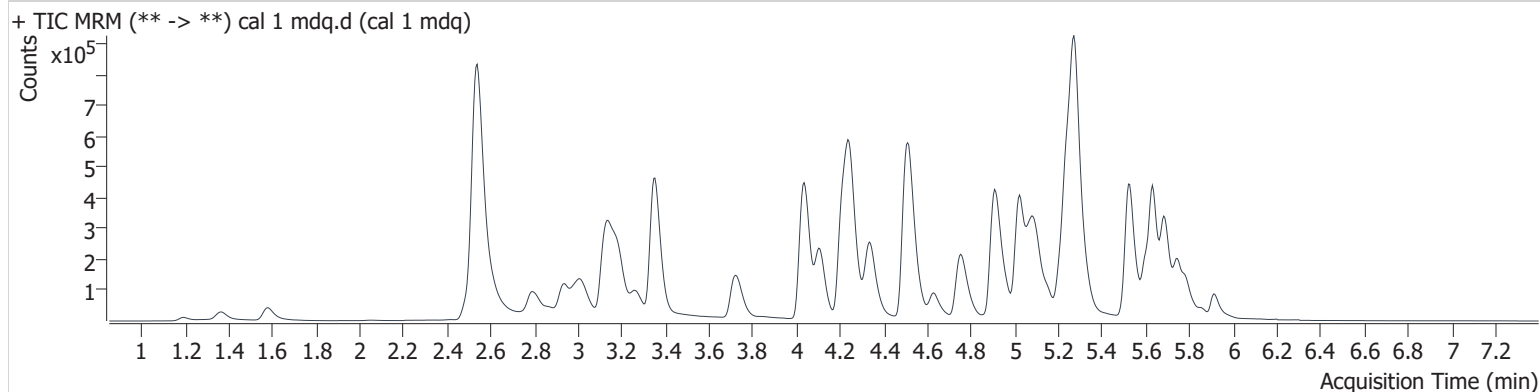
dropped cal 8 accuracy

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 PM

Instrument 69679 Data File cal 1 mdq.d
Type Cal Sample cal 1 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-A1 Comment
Injection Volume 3
Acq. Date-Time 11/17/2021 5:51:08 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.130	1487	∞	121.4	465.8	67753	0.512 ng/ml
7-aminoclonazepam	4.261	11893	∞	65.4	∞	123534	5.150 ng/ml
a-hydroxyalprazolam	5.676	1861	∞	43.2	1617.1	204186	4.907 ng/ml
alpha-PHP	4.914	66245	5405.2	40.5	12596.5	395425	5.074 ng/ml
alpha-PVP	4.346	89227	17250.8	54.3	4037.1	666396	4.999 ng/ml
Alprazolam	5.745	32824	934.8	99.8	∞	204186	4.990 ng/ml
Amphetamine	3.016	51597	699.7	250.0	1668.1	395425	4.771 ng/ml
Benzoylcegonine	3.870	1758	2443.3	54.2	314.5	8903	4.943 ng/ml
Buprenorphine	5.701	1300	4999.0	17.4	2075.4	89372	0.593 ng/ml
Bupropion	4.769	84118	5487.2	67.7	16013.7	658368	5.032 ng/ml
Carisoprodol	5.705	19513	∞	68.3	4113.9	151845	4.984 ng/ml
Citalopram	5.212	71813	1905.6	37.9	48183.4	536537	5.010 ng/ml
Clonazepam	5.593	2664	3889.2	38.6	∞	9885	4.726 ng/ml
Clonazepam	5.540	6908	∞	31.8	3467.6	204186	4.773 ng/ml
Cocaine	4.245	68298	∞	52.8	62851.2	1016238	4.969 ng/ml
Codeine	2.578	10158	33156.1	87.5	∞	75515	5.192 ng/ml
Cyclobenzaprine	5.606	75813	157742.4	8.9	20276.7	432895	4.952 ng/ml
Dextromethorphan	5.251	50076	55371.9	77.9	58419.5	451559	5.161 ng/ml
Dextrophan	4.108	60729	237691.4	44.4	68314.1	590305	4.985 ng/ml
Diazepam	5.918	21535	1369.1	87.6	12189.2	191132	4.973 ng/ml
Dihydrocodeine	2.531	25309	928.9	60.8	1641.6	272719	4.785 ng/ml
Diphenhydramine	5.278	217359	6003.4	33.2	127428.0	1982492	5.088 ng/ml
Doxylamine	4.525	261604	219887.8	74.1	3913.2	1800240	4.968 ng/ml
EDDP	5.245	118821	1358771.3	40.9	91914.5	1018430	5.067 ng/ml
Etizolam	5.785	20399	26502.7	23.6	5264.7	204186	5.153 ng/ml
Fentanyl	5.088	6660	4311.0	124.7	7386.0	620593	0.519 ng/ml
Flualprazolam	5.681	13695	20370.8	99.6	739387.5	204186	4.872 ng/ml
Fluoxetine	5.687	65874	30370.5	7.8	52083.0	436830	4.945 ng/ml
Hydrocodone	3.018	25115	∞	39.1	∞	258591	4.837 ng/ml
Hydromorphone	1.592	20641	2426.4	80.3	6371.0	131141	5.061 ng/ml
Ketamine	4.047	60844	44098.3	34.3	408.9	537408	4.957 ng/ml
Lamotrigine	4.283	5767	5441.7	83.3	5103.9	174428	4.972 ng/ml
Levetiracetam	2.615	22507	1695.3	224.6	12759.1	492870	4.935 ng/ml

AM #28 Multi-Drug Quant. Results

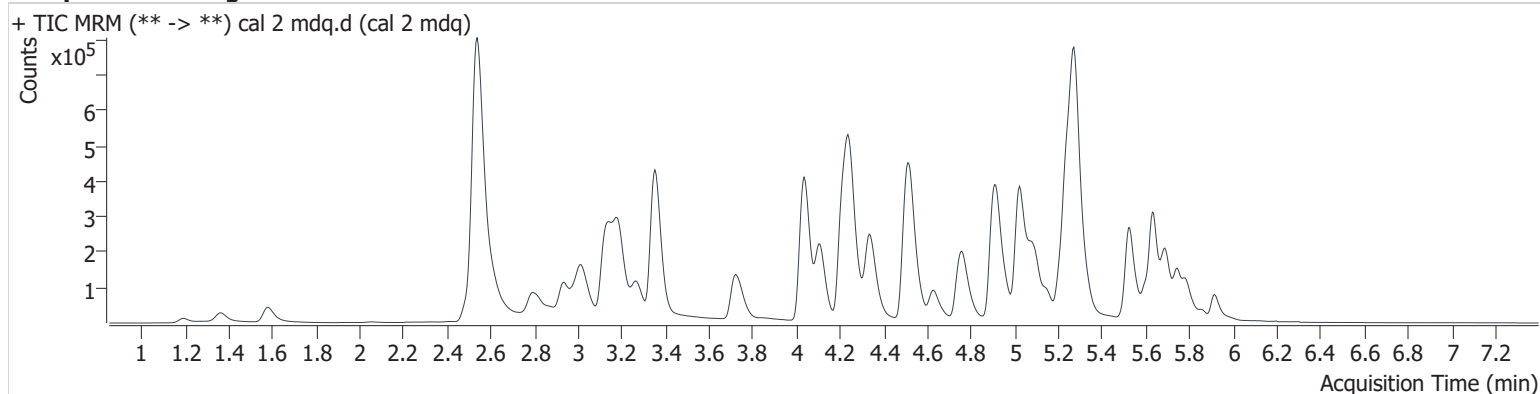
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.718	1927	924.0	40.1	32.3	18916	3.699 ng/ml
MDA	3.179	62646	3380.2	27.5	∞	349893	4.882 ng/ml
MDMA	3.271	63442	23487.7	95.0	3444.0	117770	5.001 ng/ml
Meprobamate	4.900	5260	9505.4	30.4	231.6	29230	4.650 ng/ml
Methadone	5.635	112393	1846.8	55.5	63526.6	927710	5.083 ng/ml
Methamphetamine	3.190	261935	3713.8	38.4	610.6	971522	5.032 ng/ml
Metoprolol	4.303	18033	264628.9	97.1	∞	349893	5.183 ng/ml
Mirtazapine	4.629	172940	∞	45.4	129946.7	927710	5.200 ng/ml
Mitragynine	5.222	29246	39956.9	30.9	16090.7	13178	4.759 ng/ml
Morphine	1.201	4720	8859.8	16.7	∞	10035	4.922 ng/ml
Norbuprenorphine	4.983	182	255.1	106.5	794.6	13178	0.854 ng/ml
Nordiazepam	5.866	6272	16830.6	51.2	10755.8	37443	5.208 ng/ml
Norfentanyl	4.063	4518	226.5	40.3	∞	932976	0.407 ng/ml
Norhydrocodone	3.049	2252	∞	24.0	∞	76445	5.292 ng/ml
Noroxycodone	2.900	16952	275.9	44.7	∞	95733	5.217 ng/ml
O-desmethyl-tramadol	3.358	153023	21791.4	6.4	1090.1	1372831	5.013 ng/ml
Oxazepam	5.735	2854	336.7	60.0	37.2	18916	4.387 ng/ml
Oxycodone	2.822	48983	∞	27.1	913.5	363134	5.013 ng/ml
Oxymorphone	1.369	17289	∞	44.9	∞	112293	4.953 ng/ml
Phentermine	3.755	22383	150.1	10.1	828.3	492870	4.938 ng/ml
Promethazine	5.527	97968	∞	43.9	2638.6	872550	5.077 ng/ml
Pseudoephedrine	2.550	332118	13289.3	24.6	69256.7	2894828	5.023 ng/ml
Quetiapine	5.524	118622	158251.6	64.1	106164.7	315305	4.912 ng/ml
Sertraline	5.750	19095	∞	97.6	∞	133698	4.917 ng/ml
Temazepam	5.792	20363	1276.2	29.3	110.8	174428	5.379 ng/ml
Tramadol	4.226	146686	7437.7	3.8	95.1	1258409	4.883 ng/ml
Trazodone	5.155	84565	∞	79.6	110742.9	576880	4.915 ng/ml
Venlafaxine	5.027	103998	5299.5	40.0	3421.9	1279285	6.157 ng/ml
Zolpidem	4.927	154268	613657.1	28.8	5855.2	1295064	4.953 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-B1 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 6:00:10 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	2168	∞	142.2	6427.9	59763	0.934 ng/ml
7-aminoclonazepam	4.261	12256	1033.9	76.6	∞	71994	9.598 ng/ml
a-hydroxyalprazolam	5.681	2662	∞	50.9	11289.0	165723	10.206 ng/ml
alpha-PHP	4.914	100674	∞	42.0	6383.7	361931	9.387 ng/ml
alpha-PVP	4.346	142776	32880.5	52.8	3805.7	558734	10.119 ng/ml
Alprazolam	5.750	51072	∞	92.4	1449.8	165723	10.214 ng/ml
Amphetamine	3.016	86514	1812.4	247.2	3960.6	361931	10.539 ng/ml
Benzoylcegonine	3.865	2564	6696.0	54.4	67.0	7310	10.266 ng/ml
Buprenorphine	5.696	1793	1018.7	12.3 Low	∞	61566	1.156 ng/ml
Bupropion	4.769	131876	361346.1	70.3	1294.2	549689	10.036 ng/ml
Carisoprodol	5.705	33145	89982.6	61.8	769.9	131231	10.219 ng/ml
Citalopram	5.212	97375	7350.3	38.9	∞	397225	10.005 ng/ml
Clonazepam	5.599	4306	4923.6	35.0	6831.2	8214	10.334 ng/ml
Clonazepam	5.535	10870	8891.8	34.9	35164.9	165723	10.899 ng/ml
Cocaine	4.245	105296	881461.3	50.2	234585.4	822320	10.194 ng/ml
Codeine	2.578	14846	21270.7	95.6	48245.1	64043	9.512 ng/ml
Cyclobenzaprine	5.606	60734	51764.3	9.3	2468.4	186516	10.140 ng/ml
Dextromethorphan	5.251	62660	47498.7	75.7	214214.9	306606	9.925 ng/ml
Dextrophan	4.113	98864	12733.4	43.9	82065.1	500899	10.146 ng/ml
Diazepam	5.918	32545	1535.8	88.0	2005.5	151144	10.118 ng/ml
Dihydrocodeine	2.531	38436	257.7	63.2	2623.0	231106	10.180 ng/ml
Diphenhydramine	5.278	303015	369400434.0	32.3	4990.9	1472647	9.911 ng/ml
Doxylamine	4.525	329124	26522.9	75.7	22214.1	1196093	10.141 ng/ml
EDDP	5.245	170601	∞	42.6	74178.5	808367	9.869 ng/ml
Etizolam	5.785	31254	57161.9	22.4	38183.2	165723	9.896 ng/ml
Fentanyl	5.083	6028	975.8	131.9	10684.4	317014	0.967 ng/ml
Flualprazolam	5.681	21715	9293.5	86.2	∞	165723	10.411 ng/ml
Fluoxetine	5.687	41075	∞	7.3	7436.7	140136	10.309 ng/ml
Hydrocodone	3.018	41911	∞	35.2	∞	224734	10.229 ng/ml
Hydromorphone	1.587	33157	∞	72.7	5369.2	113265	9.668 ng/ml
Ketamine	4.047	93732	142028.4	36.8	951.9	456389	10.017 ng/ml
Lamotrigine	4.288	8018	∞	91.6	6504.6	144977	9.757 ng/ml
Levetiracetam	2.615	36485	1881.3	228.4	4288.5	431456	10.012 ng/ml

AM #28 Multi-Drug Quant. Results

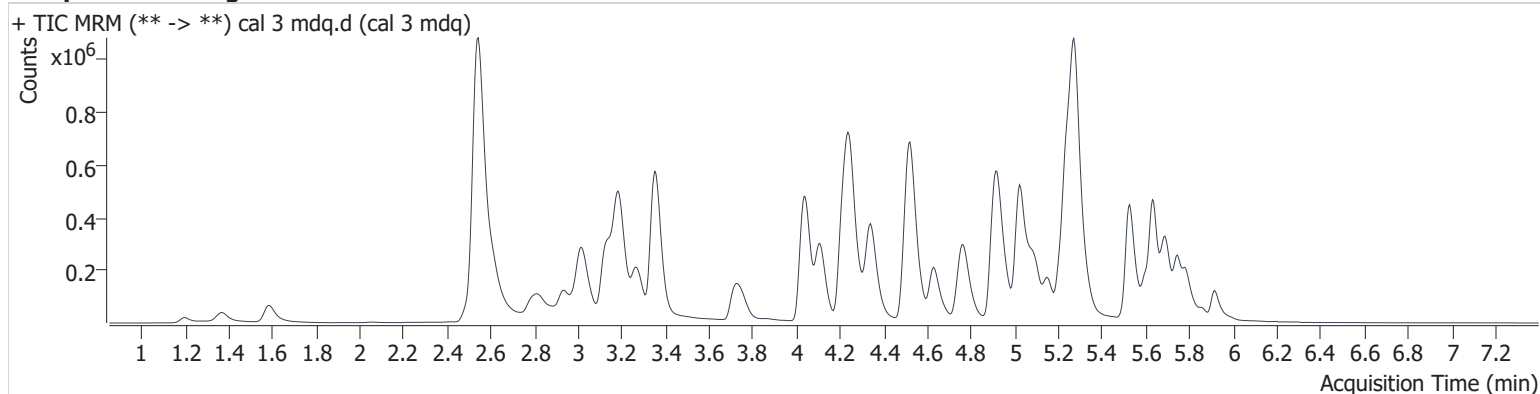
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	3008	150.9	49.5	42.7	15407	9.063 ng/ml
MDA	3.184	102763	14465.4	27.1	∞	316429	10.170 ng/ml
MDMA	3.271	102412	55059.5	93.9	8552.5	102418	10.101 ng/ml
Meprobamate	4.894	8559	∞	32.5	619.9	24633	10.940 ng/ml
Methadone	5.635	142946	35952.6	57.2	∞	614369	10.097 ng/ml
Methamphetamine	3.190	293129	602.5	44.9	936.3	825403	9.229 ng/ml
Metoprolol	4.308	28218	34956.8	100.6	∞	316429	9.307 ng/ml
Mirtazapine	4.629	180520	60723.9	47.0	185712.5	614369	9.506 ng/ml
Mitragynine	5.222	30780	62623.8	31.0	∞	9591	8.220 ng/ml
Morphine	1.201	7700	4722.6	17.4	1687.9	8987	10.096 ng/ml
Norbuprenorphine	4.989	157	23.9	222.3 High	∞	9591	0.995 ng/ml
Nordiazepam	5.866	8792	∞	61.9	12673.2	30193	9.467 ng/ml
Norfentanyl	4.063	7745	391.7	40.9	13021.4	825083	1.004 ng/ml
Norhydrocodone	3.049	3556	∞	21.1 Low	∞	66595	9.422 ng/ml
Noroxycodone	2.895	25507	547.8	48.0	∞	87268	9.228 ng/ml
O-desmethyl-tramadol	3.358	242421	∞	6.2	1582.0	1160314	10.044 ng/ml
Oxazepam	5.730	3985	316.3	86.6	∞	15407	9.075 ng/ml
Oxycodone	2.822	73999	∞	29.5	∞	301929	9.852 ng/ml
Oxymorphone	1.369	27379	7021.4	45.0	∞	93692	10.166 ng/ml
Phentermine	3.760	33886	132.8	11.4	166.1	431456	9.666 ng/ml
Promethazine	5.527	78243	9985.8	40.9	1969.3	375226	9.793 ng/ml
Pseudoephedrine	2.550	540900	9556.1	25.0	56847.7	2518915	9.999 ng/ml
Quetiapine	5.524	130110	194877.7	63.5	104458.8	186747	10.213 ng/ml
Sertraline	5.756	13049	156763.5	93.9	8267.0	46324	10.288 ng/ml
Temazepam	5.792	32207	5114.7	28.8	140.2	144977	10.372 ng/ml
Tramadol	4.226	232584	55541.5	3.7	192.3	1083008	10.173 ng/ml
Trazodone	5.149	92720	∞	80.6	∞	352336	10.079 ng/ml
Venlafaxine	5.022	170323	10042.0	37.8	1136.2	1091744	10.605 ng/ml
Zolpidem	4.922	236406	893206.1	27.5	54356.6	1052581	10.183 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-C1 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 6:09:13 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	5844	∞	124.4	∞	63045	2.595 ng/ml
7-aminoclonazepam	4.261	36404	1152.8	68.6	3748.9	88105	24.207 ng/ml
a-hydroxyalprazolam	5.676	6911	958.8	53.8	7820.1	189510	25.765 ng/ml
alpha-PHP	4.915	252870	47762.3	41.8	∞	365427	25.522 ng/ml
alpha-PVP	4.346	368372	14911.8	53.8	11716.2	614279	24.603 ng/ml
Alprazolam	5.750	133030	3941.6	90.7	3205.7	189510	24.170 ng/ml
Amphetamine	3.021	200099	6785.3	243.2	3607.7	365427	26.935 ng/ml
Benzoylcegonine	3.875	6017	14614.9	64.5	∞	7623	25.500 ng/ml
Buprenorphine	5.701	4171	4298.0	13.9	798.9	65947	2.474 ng/ml
Bupropion	4.769	332146	1046618.9	70.8	17005.1	595915	24.200 ng/ml
Carisoprodol	5.705	86256	7432.1	63.7	995.2	147545	24.228 ng/ml
Citalopram	5.212	242220	3923.0	39.0	6844.1	426950	24.465 ng/ml
Clonazepam	5.593	11601	39568.0	40.3	4828.8	8882	27.538 ng/ml
Clonazepam	5.540	25745	5561.2	40.3	11425.7	189510	24.448 ng/ml
Cocaine	4.245	267841	∞	50.2	154269.3	896205	24.864 ng/ml
Codeine	2.583	35943	70858.0	88.7	4249554.8	64903	23.805 ng/ml
Cyclobenzaprine	5.606	171119	∞	8.3	21910.3	221245	25.575 ng/ml
Dextromethorphan	5.251	154325	20812.8	77.0	10419.9	317037	24.317 ng/ml
Dextrophan	4.108	248214	∞	45.4	∞	533992	24.754 ng/ml
Diazepam	5.918	88118	4066.7	86.8	3666.9	171325	25.105 ng/ml
Dihydrocodeine	2.531	101343	4871.2	59.2	844.3	245557	28.263 ng/ml
Diphenhydramine	5.278	752006	27100.6	32.2	36394224.0	1561651	23.751 ng/ml
Doxylamine	4.525	820255	7464554.1	77.1	∞	1269444	24.919 ng/ml
EDDP	5.245	438418	∞	42.8	730897.0	889575	24.207 ng/ml
Etizolam	5.785	80998	∞	21.5	79944.2	189510	22.666 ng/ml
Fentanyl	5.083	15152	1964.2	137.3	92951.2	353613	2.257 ng/ml
Flualprazolam	5.681	56555	∞	95.5	3217.9	189510	24.908 ng/ml
Fluoxetine	5.687	120999	2825.3	7.8	17190.5	180624	24.512 ng/ml
Hydrocodone	3.018	111158	∞	35.7	3071.1	238789	27.063 ng/ml
Hydromorphone	1.592	87867	∞	70.9	2395.5	113424	26.072 ng/ml
Ketamine	4.047	241933	33830.7	35.5	526.7	496188	25.511 ng/ml
Lamotrigine	4.288	21594	353695.0	90.3	18203.8	165476	25.934 ng/ml
Levetiracetam	2.615	96118	9025.3	221.1	46078.0	459239	26.295 ng/ml

AM #28 Multi-Drug Quant. Results

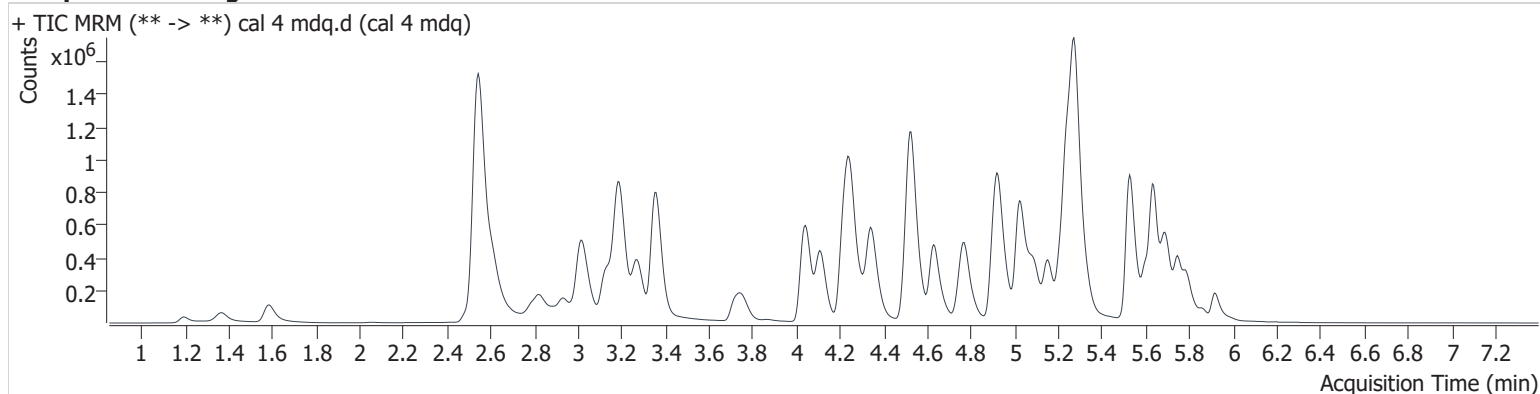
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	8456	∞	42.9	138.8	17593	25.457 ng/ml
MDA	3.179	241058	∞	27.6	924.6	313453	26.292 ng/ml
MDMA	3.271	253095	32910.5	96.3	56477.7	110716	24.320 ng/ml
Meprobamate	4.900	21186	184178.9	32.4	361.2	27313	27.023 ng/ml
Methadone	5.635	357415	460257.1	56.0	333848.4	689905	22.928 ng/ml
Methamphetamine	3.190	660608	1926.7	38.5	1992.0	903750	27.672 ng/ml
Metoprolol	4.308	72031	623840.6	97.6	∞	313453	24.718 ng/ml
Mirtazapine	4.629	454253	∞	47.7	234867.2	689905	24.121 ng/ml
Mitragynine	5.217	80003	102241.9	33.1	21933.8	10109	24.668 ng/ml
Morphine	1.201	18129	7670.6	16.6	2751.9	9000	25.593 ng/ml
Norbuprenorphine	4.989	469	173.1	81.5	1381.1	10109	2.696 ng/ml
Nordiazepam	5.866	23109	∞	63.7	∞	33365	23.286 ng/ml
Norfentanyl	4.063	17988	1448.1	40.3	∞	860756	2.517 ng/ml
Norhydrocodone	3.054	9137	∞	27.2	∞	73044	21.792 ng/ml
Noroxycodone	2.900	63678	∞	48.7	∞	87429	24.406 ng/ml
O-desmethyl-tramadol	3.358	617722	63532.1	6.3	4601.8	1263912	24.488 ng/ml
Oxazepam	5.730	10540	773.9	84.0	∞	17593	23.889 ng/ml
Oxycodone	2.822	190799	∞	29.3	∞	318271	25.413 ng/ml
Oxymorphone	1.374	65998	5926.7	40.4	4027.7	96694	24.882 ng/ml
Phentermine	3.760	92793	∞	9.8	294.1	459239	27.298 ng/ml
Promethazine	5.527	220702	243378.9	40.2	9945.2	432916	24.555 ng/ml
Pseudoephedrine	2.550	1351848	49131.9	24.7	5518.5	2658378	24.615 ng/ml
Quetiapine	5.524	325378	414227.2	64.0	∞	199481	25.667 ng/ml
Sertraline	5.750	39068	∞	99.7	419655.0	58411	25.262 ng/ml
Temazepam	5.793	88148	18653.4	25.1	1136.5	165476	25.083 ng/ml
Tramadol	4.226	597308	31405.6	3.7	591.5	1168600	26.141 ng/ml
Trazodone	5.155	234176	233183.8	81.9	∞	381541	25.610 ng/ml
Venlafaxine	5.022	440720	1216816.3	38.7	1922.6	1199667	23.189 ng/ml
Zolpidem	4.927	596548	∞	28.9	13520.3	1147387	24.827 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-D1 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 6:18:14 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	11427	∞	132.5	19039.6	65548	5.000 ng/ml
7-aminoclonazepam	4.267	72355	5994.4	72.2	3439.4	88717	48.402 ng/ml
a-hydroxyalprazolam	5.676	13043	1259.6	59.1	∞	189012	50.575 ng/ml
alpha-PHP	4.914	551857	2872149.6	40.3	∞	394068	53.144 ng/ml
alpha-PVP	4.346	763790	73883.9	54.2	49195.2	647266	49.029 ng/ml
Alprazolam	5.750	264546	5625.7	92.1	4038.2	189012	48.894 ng/ml
Amphetamine	3.016	408247	4089.7	240.7	44766.6	394068	52.890 ng/ml
Benzoylcegonine	3.875	12339	∞	56.5	815.7	9031	45.551 ng/ml
Buprenorphine	5.701	10476	25106.5	17.3	17106.3	79553	5.118 ng/ml
Bupropion	4.769	724486	1123444.2	70.6	14943.7	652885	48.843 ng/ml
Carisoprodol	5.705	172067	∞	61.9	1890.1	146382	49.157 ng/ml
Citalopram	5.212	554659	20569.2	38.3	7671.8	480585	50.802 ng/ml
Clonazepam	5.599	25918	35011.0	33.6	14939.6	9960	56.061 ng/ml
Clonazolam	5.540	51931	5996968294 6239.8	39.4	26742.7	189012	51.237 ng/ml
Cocaine	4.250	549935	722729.4	50.5	44014.5	940135	49.434 ng/ml
Codeine	2.578	70785	8150.1	94.3	10151.7	64298	48.093 ng/ml
Cyclobenzaprine	5.606	462597	∞	8.6	∞	315104	49.518 ng/ml
Dextromethorphan	5.251	394657	25636.9	74.9	5172.5	398682	49.958 ng/ml
Dextrorphan	4.113	526040	394989.4	44.5	695205.8	577084	49.152 ng/ml
Diazepam	5.918	174956	4124.6	87.6	2102.2	176233	49.085 ng/ml
Dihydrocodeine	2.531	200730	1587.7	60.5	1131.7	259651	54.710 ng/ml
Diphenhydramine	5.278	1776683	34687.5	31.4	33343.1	1819140	48.596 ng/ml
Doxylamine	4.525	1779852	117703.1	77.2	53617.3	1398822	49.866 ng/ml
EDDP	5.245	977957	749764.5	42.3	1934398.2	977981	50.012 ng/ml
Etizolam	5.785	166482	1617839.5	21.9	60717.7	189012	46.912 ng/ml
Fentanyl	5.088	45047	16840.1	131.6	∞	499247	4.821 ng/ml
Flualprazolam	5.681	116732	45479.7	86.7	∞	189012	52.550 ng/ml
Fluoxetine	5.687	305630	68975.0	6.9	35502.8	227513	49.897 ng/ml
Hydrocodone	3.018	224177	∞	36.6	∞	253836	52.262 ng/ml
Hydromorphone	1.587	176619	∞	74.4	1762.1	127925	46.697 ng/ml
Ketamine	4.047	494735	2733309.8	36.7	1808.6	516618	51.319 ng/ml
Lamotrigine	4.288	41972	47240.3	92.9	51691.9	162524	53.419 ng/ml

AM #28 Multi-Drug Quant. Results

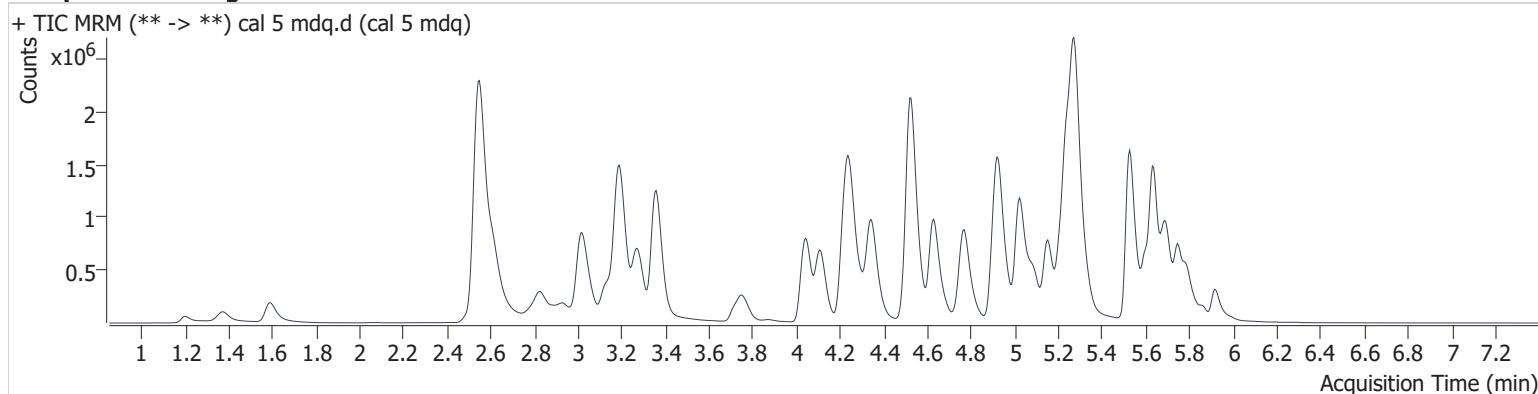
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.615	193175	10565.1	226.8	11207.6	488854	50.557 ng/ml
Lorazepam	5.723	15914	754.4	49.1	157.6	17148	51.160 ng/ml
MDA	3.179	490877	37079.9	27.8	1984.0	330657	52.256 ng/ml
MDMA	3.271	538804	58384.9	94.4	39645.5	116609	50.133 ng/ml
Meprobamate	4.900	42844	486329.4	32.0	921.7	29029	53.320 ng/ml
Methadone	5.635	920640	∞	56.0	18532.0	865812	47.442 ng/ml
Methamphetamine	3.190	1240416	∞	37.8	∞	957769	55.357 ng/ml
Metoprolol	4.308	149640	86961.0	95.1	∞	330657	49.128 ng/ml
Mirtazapine	4.629	1059646	∞	48.2	209632.9	865812	46.788 ng/ml
Mitragynine	5.216	206507	269821.3	31.8	40549.4	13006	52.510 ng/ml
Morphine	1.196	38427	7262.3	16.7	1063.7	9702	51.657 ng/ml
Norbuprenorphine	4.983	1068	170.2	101.9	∞	13006	4.717 ng/ml
Nordiazepam	5.866	48692	∞	61.7	48634.0	33229	49.891 ng/ml
Norfentanyl	4.063	38256	∞	40.1	35085.3	904191	5.330 ng/ml
Norhydrocodone	3.054	21013	∞	26.6	∞	77893	46.758 ng/ml
Noroxycodone	2.895	142412	∞	46.5	∞	97455	49.919 ng/ml
O-desmethyl-tramadol	3.358	1285948	110334.0	6.3	12779.7	1313480	49.799 ng/ml
Oxazepam	5.730	22433	466.1	67.0	∞	17148	54.748 ng/ml
Oxycodone	2.822	401891	∞	29.7	∞	342195	50.659 ng/ml
Oxymorphone	1.369	144439	23366.1	43.7	∞	105784	50.628 ng/ml
Phentermine	3.760	192418	1011.6	10.0	654.8	488854	54.640 ng/ml
Promethazine	5.527	640861	329996.1	41.0	6149.4	625632	49.767 ng/ml
Pseudoephedrine	2.550	2743849	∞	24.6	39911.6	2721140	49.481 ng/ml
Quetiapine	5.524	754639	∞	63.2	∞	237564	51.226 ng/ml
Sertraline	5.750	79459	∞	97.3	5842.3	59683	50.885 ng/ml
Temazepam	5.792	166097	21848.7	28.5	482.7	162524	48.261 ng/ml
Tramadol	4.226	1245624	51264.1	3.6	1802.4	1243361	52.577 ng/ml
Trazodone	5.149	627065	24653.0	80.4	1215327.3	516501	52.202 ng/ml
Venlafaxine	5.027	948447	109807.2	39.0	14842.8	1276230	45.562 ng/ml
Zolpidem	4.927	1256183	1454722.6	28.9	453197.0	1205675	50.709 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-E1 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 6:27:16 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	23034	∞	132.2	3274.2	66285	10.099 ng/ml
7-aminoclonazepam	4.261	138496	6247.3	72.9	7731.5	83351	99.274 ng/ml
a-hydroxyalprazolam	5.676	26447	29817.2	55.4	∞	190531	103.800 ng/ml
alpha-PHP	4.909	1108305	22659.5	40.5	14602.1	384624	110.894 ng/ml
alpha-PVP	4.346	1570669	161207.0	54.0	22150.3	669390	98.122 ng/ml
Alprazolam	5.750	542190	3348.4	93.3	∞	190531	100.139 ng/ml
Amphetamine	3.016	749756	5757.5	247.4	73702.2	384624	101.425 ng/ml
Benzoylcegonine	3.870	26787	5537.1	53.7	481.5	8518	107.327 ng/ml
Buprenorphine	5.696	20198	∞	17.0	6465.3	78567	9.961 ng/ml
Bupropion	4.769	1545091	∞	68.9	14117.1	693043	98.806 ng/ml
Carisoprodol	5.705	344627	∞	61.2	3579.2	144967	99.864 ng/ml
Citalopram	5.212	1090320	47309.6	40.0	∞	481559	100.620 ng/ml
Clonazepam	5.599	51393	44343.9	32.3	223455.8	10351	108.057 ng/ml
Clonazepam	5.540	104754	5672.1	39.3	61102.6	190531	104.285 ng/ml
Cocaine	4.245	1099623	681228.1	51.1	134456.7	960059	97.563 ng/ml
Codeine	2.583	137493	31605.2	93.3	28805.7	62228	97.308 ng/ml
Cyclobenzaprine	5.606	1025058	741805.2	8.3	∞	358166	97.563 ng/ml
Dextromethorphan	5.251	791746	149971.4	75.6	46321.3	399535	100.501 ng/ml
Dextrophan	4.113	1070080	182990.4	43.8	1522797.5	590371	98.361 ng/ml
Diazepam	5.918	386040	19531.8	85.8	9359.7	189999	101.164 ng/ml
Dihydrocodeine	2.531	382356	9760.6	61.9	19352.8	267113	103.028 ng/ml
Diphenhydramine	5.278	3600221	189716.9	31.3	13726.1	1838317	97.864 ng/ml
Doxylamine	4.525	3699395	240018.9	78.1	148422.3	1478377	98.861 ng/ml
EDDP	5.240	1887535	13299711.9	42.9	1370969.3	970787	98.062 ng/ml
Etizolam	5.785	347761	17409.8	23.1	∞	190531	97.414 ng/ml
Fentanyl	5.088	105334	∞	127.0	291097.3	566298	10.004 ng/ml
Flualprazolam	5.681	227157	17197.7	95.8	3412.7	190531	102.318 ng/ml
Fluoxetine	5.687	724931	67013.3	7.3	122311.0	272233	99.636 ng/ml
Hydrocodone	3.018	453544	∞	36.3	∞	262598	103.185 ng/ml
Hydromorphone	1.592	379838	∞	70.7	∞	121584	106.039 ng/ml
Ketamine	4.047	1005116	60529.0	37.7	21670.9	533701	102.141 ng/ml
Lamotrigine	4.288	83798	10752.0	90.9	9785.1	164401	107.519 ng/ml
Levetiracetam	2.615	395746	65341.4	223.9	24607.3	500720	102.146 ng/ml

AM #28 Multi-Drug Quant. Results

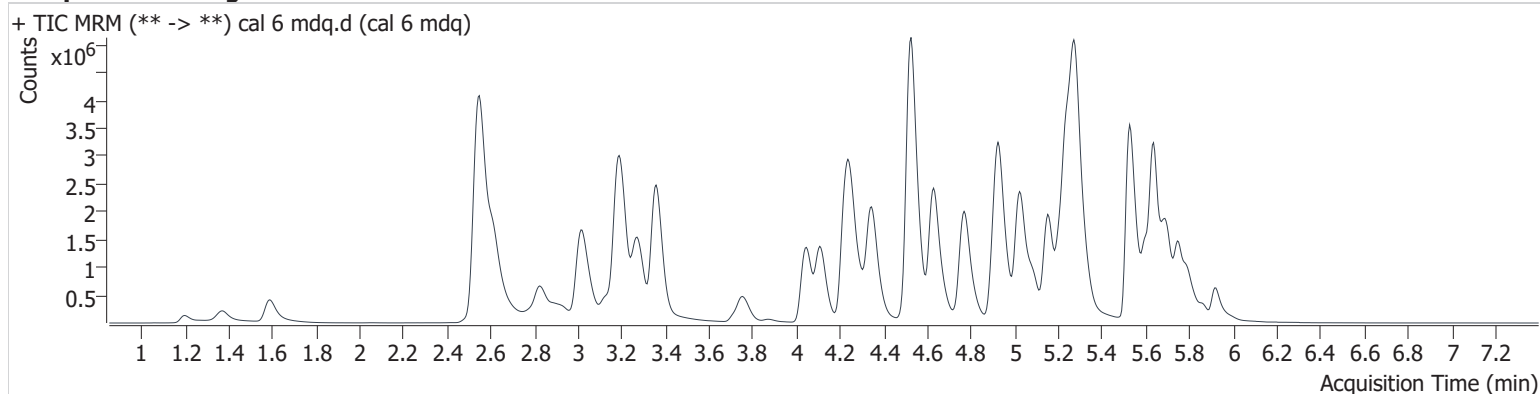
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	35445	∞	44.9	∞	18514	107.821 ng/ml
MDA	3.179	875400	84910.1	27.3	5598.4	303782	102.954 ng/ml
MDMA	3.271	1068973	120506.2	96.4	52530.0	119043	98.330 ng/ml
Meprobamate	4.894	85046	190612.2	31.2	8221.6	29315	106.845 ng/ml
Methadone	5.635	2004795	163184.3	54.6	14839.5	923209	97.265 ng/ml
Methamphetamine	3.195	2336133	51889.8	38.7	10733.4	1012726	105.004 ng/ml
Metoprolol	4.308	281898	324656.6	98.3	∞	303782	101.227 ng/ml
Mirtazapine	4.629	2232976	109819.7	47.1	1114490.8	923209	94.685 ng/ml
Mitragynine	5.216	420278	∞	32.0	201361.9	12615	113.473 ng/ml
Morphine	1.201	76608	23817.1	16.2	770.3	9466	106.980 ng/ml
Norbuprenorphine	4.989	2193	109.4	107.2	173.8	12615	9.908 ng/ml
Nordiazepam	5.866	104622	∞	62.5	∞	36290	98.697 ng/ml
Norfentanyl	4.063	74267	2836.4	39.1	166363.2	900259	10.611 ng/ml
Norhydrocodone	3.060	46518	∞	27.6	∞	79248	101.497 ng/ml
Noroxycodone	2.900	277266	∞	45.6	∞	95972	99.614 ng/ml
O-desmethyl-tramadol	3.358	2666421	3106325.4	6.2	4798.5	1377883	99.156 ng/ml
Oxazepam	5.730	43556	2426.8	70.0	163.2	18514	100.192 ng/ml
Oxycodone	2.827	832677	∞	29.2	∞	361347	100.273 ng/ml
Oxymorphone	1.374	289181	∞	44.2	27012.9	107196	100.858 ng/ml
Phentermine	3.760	372411	3005.4	9.9	∞	500720	104.619 ng/ml
Promethazine	5.527	1391810	334688.0	41.4	∞	695985	97.561 ng/ml
Pseudoephedrine	2.550	5367494	∞	24.7	32796.3	2695285	98.390 ng/ml
Quetiapine	5.524	1540809	1626209.1	62.7	24507842.5	252727	99.521 ng/ml
Sertraline	5.750	210408	1858076.9	100.1	11035.1	83087	97.337 ng/ml
Temazepam	5.792	334211	7247.5	28.1	519.2	164401	96.148 ng/ml
Tramadol	4.226	2505328	175366.8	3.5	2940.8	1295264	102.812 ng/ml
Trazodone	5.149	1391017	94945.2	79.0	269022.2	561786	108.106 ng/ml
Venlafaxine	5.022	1968037	144415.8	38.8	9408.8	1336779	88.968 ng/ml
Zolpidem	4.927	2583212	430015.4	28.9	∞	1268429	100.029 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-F1 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 6:36:18 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	54937	∞	135.8	638193.3	63629	25.291 ng/ml
7-aminoclonazepam	4.267	274661	7376.2	75.8	14825.8	67846	242.786 ng/ml
a-hydroxyalprazolam	5.676	54629	3886.3	56.9	16844.8	173061	238.660 ng/ml
alpha-PHP	4.909	2593297	356642.8	40.6	23588.3	379259	265.152 ng/ml
alpha-PVP	4.346	3985824	1499627.6	53.2	157408.8	669795	249.827 ng/ml
Alprazolam	5.750	1213332	3770.8	91.2	∞	173061	247.751 ng/ml
Amphetamine	3.016	1518449	50207.5	248.7	34533.4	379259	210.597 ng/ml
Benzoylcegonine	3.875	74129	33363.3	52.6	1130.7	10564	241.860 ng/ml
Buprenorphine	5.701	45876	∞	16.5	12351.5	71684	24.750 ng/ml
Bupropion	4.769	4027652	172199.6	67.9	113554.8	684422	261.901 ng/ml
Carisoprodol	5.705	719659	669018.6	60.7	41024.2	121801	248.851 ng/ml
Citalopram	5.207	2390739	107465.1	40.3	15023.3	429810	248.645 ng/ml
Clonazepam	5.593	112139	6629.7	33.7	25536.3	10226	240.123 ng/ml
Clonazepam	5.540	233097	∞	38.4	2546.5	173061	258.016 ng/ml
Cocaine	4.245	2612489	954274.5	50.2	158411.5	907278	246.492 ng/ml
Codeine	2.583	290894	88054.4	96.4	24819.4	51888	248.098 ng/ml
Cyclobenzaprine	5.606	2588051	442755.9	8.4	110037.2	354004	250.906 ng/ml
Dextromethorphan	5.251	1761538	34195.3	76.4	73594.5	361258	248.011 ng/ml
Dextrophan	4.113	2617545	1510858.9	44.6	∞	575735	247.676 ng/ml
Diazepam	5.923	906973	∞	86.5	17328.8	181605	249.647 ng/ml
Dihydrocodeine	2.526	864670	1269.7	61.5	8946.9	270397	232.659 ng/ml
Diphenhydramine	5.278	8476620	∞	30.7	83179.6	1692770	250.873 ng/ml
Doxylamine	4.525	9863944	424785.8	78.5	499988.0	1521242	257.476 ng/ml
EDDP	5.240	4814289	135706.6	42.6	3390549.0	978398	249.500 ng/ml
Etizolam	5.785	800483	16833.9	23.0	27204.3	173061	247.156 ng/ml
Fentanyl	5.088	299656	32046.7	125.8	348460.0	637562	25.374 ng/ml
Flualprazolam	5.681	500859	6428.4	94.2	9503.2	173061	249.713 ng/ml
Fluoxetine	5.687	1549007	32163.2	7.5	240414.5	237346	245.265 ng/ml
Hydrocodone	3.018	1099704	∞	38.8	∞	277207	238.333 ng/ml
Hydromorphone	1.592	954764	∞	74.8	∞	133492	243.144 ng/ml
Ketamine	4.047	2512193	589298.0	36.9	20431.3	540916	253.734 ng/ml
Lamotrigine	4.283	174643	101229.4	87.4	409531.7	145040	256.907 ng/ml
Levetiracetam	2.615	977288	27189.4	223.9	466087.4	500609	253.812 ng/ml

AM #28 Multi-Drug Quant. Results

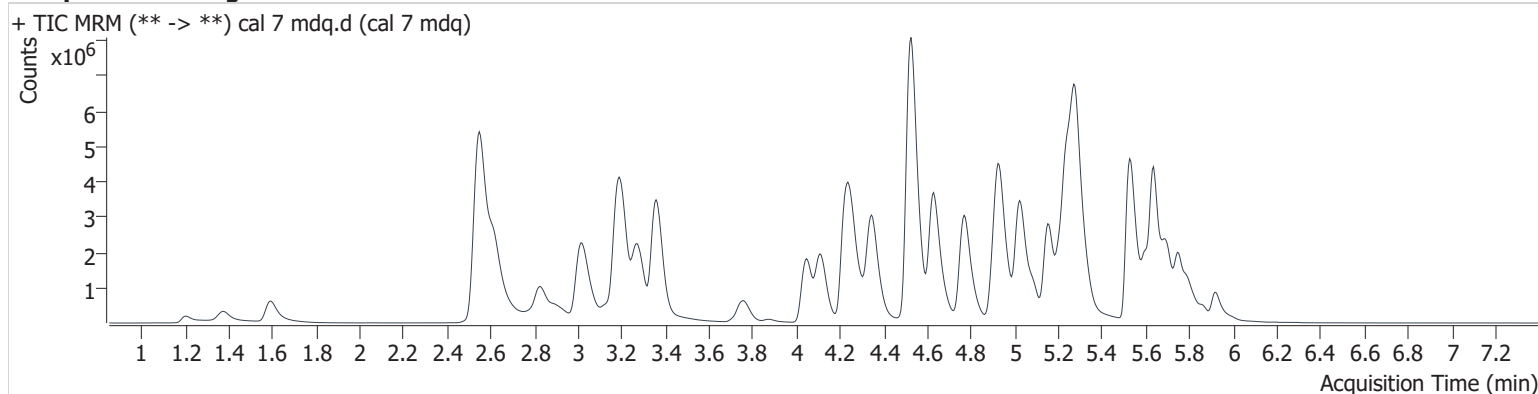
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	78313	∞	48.9	1046.2	17716	251.769 ng/ml
MDA	3.173	1691376	32021.4	27.8	9839.3	244226	249.692 ng/ml
MDMA	3.271	2559239	170119.1	94.3	237055.5	109405	257.687 ng/ml
Meprobamate	4.894	192627	236249.4	28.8	3709.3	31237	229.484 ng/ml
Methadone	5.635	5390260	140507.2	52.3	436759.9	930513	260.068 ng/ml
Methamphetamine	3.195	5307260	131362.4	39.4	∞	1056562	238.308 ng/ml
Metoprolol	4.308	599801	∞	97.4	∞	244226	268.670 ng/ml
Mirtazapine	4.629	5756160	676061.4	46.7	371220.0	930513	245.702 ng/ml
Mitragynine	5.216	1041617	130437.6	33.9	55987.6	13070	275.626 ng/ml
Morphine	1.201	181060	27379.7	16.0	538.6	9494	253.966 ng/ml
Norbuprenorphine	4.983	5753	∞	99.4	2230.0	13070	24.977 ng/ml
Nordiazepam	5.866	239072	∞	63.5	∞	34402	238.699 ng/ml
Norfentanyl	4.068	170670	11874.6	38.2	16524.4	844872	26.315 ng/ml
Norhydrocodone	3.060	113927	∞	29.5	∞	74708	263.346 ng/ml
Noroxycodone	2.900	655351	∞	46.1	∞	92282	246.246 ng/ml
O-desmethyl-tramadol	3.358	6781688	2223045.5	6.1	58433.0	1398987	249.503 ng/ml
Oxazepam	5.730	101576	1209.1	72.4	878.3	17716	247.307 ng/ml
Oxycodone	2.822	2133301	∞	29.4	∞	371374	251.319 ng/ml
Oxymorphone	1.369	717946	∞	44.0	35864.6	105463	255.812 ng/ml
Phentermine	3.760	894387	6372.9	8.9	5527.8	500609	253.476 ng/ml
Promethazine	5.527	3812492	7063108.5	39.7	97949.2	756729	246.434 ng/ml
Pseudoephedrine	2.550	12081020	∞	24.3	114198.7	2395981	250.165 ng/ml
Quetiapine	5.524	3701273	∞	62.1	9419596.3	247356	246.162 ng/ml
Sertraline	5.750	433195	759523.3	97.2	225627.4	68155	245.224 ng/ml
Temazepam	5.792	727601	29704.3	28.5	2245.6	145040	237.486 ng/ml
Tramadol	4.226	6054168	219595.0	3.5	4156.1	1312994	247.026 ng/ml
Trazodone	5.149	3550124	∞	81.1	64872.6	606233	257.833 ng/ml
Venlafaxine	5.022	5164741	269058.5	37.3	78534.0	1302290	237.433 ng/ml
Zolpidem	4.927	6346033	2694101.3	28.5	88528.1	1241935	252.416 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-G1 **Comment**
Injection Volume 3
Acq. Date-Time 11/17/2021 6:45:20 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	86736	636581.3	134.2	∞	50417	50.526 ng/ml
7-aminoclonazepam	4.261	365409	∞	76.9	4922.7	43649	502.748 ng/ml
a-hydroxyalprazolam	5.671	84330	4677.4	52.3	1729.9	122083	524.682 ng/ml
alpha-PHP	4.909	3843888	1452699.6	40.2	387251.8	308026	485.110 ng/ml
alpha-PVP	4.346	6299475	169824.1	53.2	113810.7	513297	515.903 ng/ml
Alprazolam	5.750	1741464	4837.8	92.0	∞	122083	504.805 ng/ml
Amphetamine	3.016	2159075	35857.3	241.0	∞	308026	370.320 ng/ml
Benzoylcegonine	3.875	125887	392627.6	52.0	3597.6	8967	485.814 ng/ml
Buprenorphine	5.701	60087	246241.8	16.3	21280.0	46549	49.889 ng/ml
Bupropion	4.769	6414763	519040.7	67.8	44485.0	559592	510.809 ng/ml
Carisoprodol	5.705	1015384	4999580.4	60.9	27593.0	84673	505.520 ng/ml
Citalopram	5.207	3291241	95612.1	40.7	65227.5	287294	513.158 ng/ml
Clonazepam	5.593	174216	14992.0	34.1	183049.6	7385	517.912 ng/ml
Clonazepam	5.545	334169	637866.7	40.7	159803.5	122083	526.156 ng/ml
Cocaine	4.250	3930063	495206.6	49.9	226058.6	668622	503.997 ng/ml
Codeine	2.583	419716	47954.7	94.1	14832.8	35981	517.073 ng/ml
Cyclobenzaprine	5.606	3318527	64563.7	8.6	∞	225075	507.119 ng/ml
Dextromethorphan	5.251	2322834	249116.9	76.2	169593.6	234546	504.222 ng/ml
Dextrophan	4.113	4123853	986341.7	44.3	70019.9	441835	509.125 ng/ml
Diazepam	5.923	1355434	15187.8	87.7	258711.0	134506	504.417 ng/ml
Dihydrocodeine	2.526	1271930	8869.9	61.3	1131.0	221335	419.719 ng/ml
Diphenhydramine	5.283	12387284	257810.9	30.0	654286.9	1186779	523.370 ng/ml
Doxylamine	4.525	16281824	3233971.1	79.7	1252294.2	1228068	527.318 ng/ml
EDDP	5.240	7692521	195815.1	42.4	15187194.5	755700	517.075 ng/ml
Etizolam	5.785	1173495	58771.0	22.9	932997.4	122083	513.827 ng/ml
Fentanyl	5.088	420559	48269.1	127.4	967208.6	433316	52.463 ng/ml
Flualprazolam	5.681	710477	17858.0	95.0	13528.8	122083	503.081 ng/ml
Fluoxetine	5.693	1798498	155640.6	7.5	5389.6	134153	504.597 ng/ml
Hydrocodone	3.018	1821321	∞	36.1	7511992849 8537.9	219802	498.927 ng/ml
Hydromorphone	1.592	1518938	∞	75.2	∞	105462	489.929 ng/ml
Ketamine	4.047	3909672	∞	37.5	21447.3	424745	504.118 ng/ml
Lamotrigine	4.283	231906	10805.0	90.4	40897.4	100268	495.445 ng/ml

AM #28 Multi-Drug Quant. Results

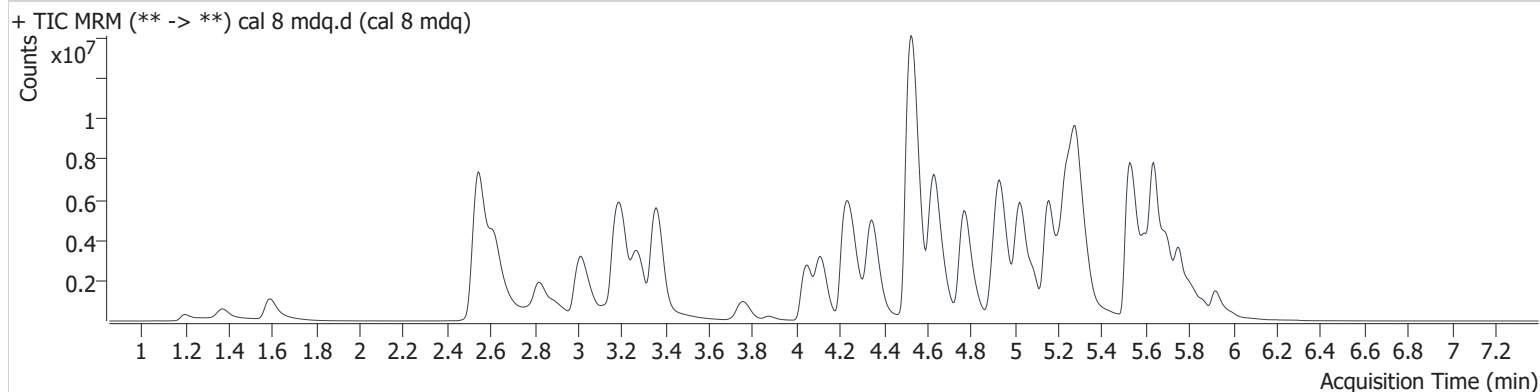
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.620	1542505	356066.6	223.3	257395.1	401034	501.070 ng/ml
Lorazepam	5.723	122117	∞	49.4	1989.2	14634	477.187 ng/ml
MDA	3.168	2136927	110096.9	26.9	9502.9	175283	440.775 ng/ml
MDMA	3.271	3960204	196036.1	92.3	222162.5	83952	520.617 ng/ml
Meprobamate	4.889	276762	9383913100 73554.0	30.0	6576.4	24557	421.156 ng/ml
Methadone	5.635	7936145	3096882.8	51.1	162506.3	679303	524.870 ng/ml
Methamphetamine	3.195	7814620	79465.1	39.2	70084.4	881759	426.723 ng/ml
Metoprolol	4.308	820547	170375.1	96.8	∞	175283	512.537 ng/ml
Mirtazapine	4.629	8905382	1735057.9	46.7	166009.6	679303	523.242 ng/ml
Mitragynine	5.216	1366527	111711.9	34.5	278474.3	9664	491.346 ng/ml
Morphine	1.206	277817	24985.3	16.3	575.7	7931	467.618 ng/ml
Norbuprenorphine	4.989	8295	8880.7	100.1	∞	9664	48.640 ng/ml
Nordiazepam	5.866	353144	∞	61.8	∞	24764	490.406 ng/ml
Norfentanyl	4.068	244515	19884.8	40.5	57844.1	618196	51.744 ng/ml
Norhydrocodone	3.060	169011	∞	31.6	∞	55116	529.334 ng/ml
Noroxycodone	2.900	996536	∞	45.5	∞	67385	513.814 ng/ml
O-desmethyl-tramadol	3.358	10718134	416310.7	6.0	39309.2	1084353	509.514 ng/ml
Oxazepam	5.730	159377	3137.0	70.0	3969.2	14634	471.719 ng/ml
Oxycodone	2.822	3524396	∞	29.2	∞	306293	504.334 ng/ml
Oxymorphone	1.374	1151664	∞	43.8	∞	85803	505.198 ng/ml
Phentermine	3.760	1356707	5393.9	8.4	5306.0	401034	481.351 ng/ml
Promethazine	5.527	5163141	254808.3	38.8	70729.4	492882	512.851 ng/ml
Pseudoephedrine	2.550	17768754	∞	24.1	∞	1727413	511.060 ng/ml
Quetiapine	5.524	5429106	312397.4	61.2	∞	185551	482.597 ng/ml
Sertraline	5.750	576570	159843.7	98.5	1506537.4	44823	496.897 ng/ml
Temazepam	5.792	1037091	20363.4	28.4	2719.3	100268	489.812 ng/ml
Tramadol	4.221	9366506	6769496.6	3.4	2312.1	1031102	488.016 ng/ml
Trazodone	5.155	5161394	∞	79.9	277287.5	458490	497.103 ng/ml
Venlafaxine	5.022	8325357	232709.8	37.7	30954.1	990200	501.886 ng/ml
Zolpidem	4.927	9769135	789937.7	28.7	116289.4	960227	503.514 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\111721\QuantResults\mdq.batch.bin
Calibration Last Update 11/18/2021 1:33:09 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-H1 Comment
Injection Volume 3
Acq. Date-Time 11/17/2021 7:03:19 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	155985	978895.6	132.5	∞	47245	97.090 ng/ml
7-aminoclonazepam	4.267	504589	13264.2	71.5	23867.6	27454	1104.531 ng/ml
a-hydroxyalprazolam	5.676	115688	∞	55.7	2331.8	96307	913.948 ng/ml
alpha-PHP	4.904	6241920	341382.6	40.0	401154.1	295181	823.040 ng/ml
alpha-PVP	4.346	11561988	451890.0	53.0	198296.5	480878	1011.328 ng/ml
Alprazolam	5.750	2811699	2238.3	91.4	12169.2	96307	1033.921 ng/ml
Amphetamine	3.011	3091875	54796.3	239.4	∞	295181	554.458 ng/ml
Benzoylcegonine	3.875	312636	651958.9	53.7	5428.5	10410	1041.374 ng/ml
Buprenorphine	5.706	78426	1340804.8	16.9	38237.9	30208	100.309 ng/ml
Bupropion	4.769	12742650	13999882.0	65.3	101206.5	575162	987.854 ng/ml
Carisoprodol	5.711	1137569	4465455.4	58.9	65898.3	46855	1023.911 ng/ml
Citalopram	5.207	4611565	329741.9	40.9	31651.8	211917	975.663 ng/ml
Clonazepam	5.593	218438	14732.2	35.8	∞	5671	846.444 ng/ml
Clonazepam	5.551	413171	4921.1	38.5	11663.8	96307	825.657 ng/ml
Cocaine	4.250	6618650	∞	47.2	416991.3	549299	1034.009 ng/ml
Codeine	2.583	693937	∞	97.8	∞	28071	1096.669 ng/ml
Cyclobenzaprine	5.601	7283846	306192.6	8.1	8773.8	253637	988.763 ng/ml
Dextromethorphan	5.251	3732210	121441.3	74.8	∞	190510	997.904 ng/ml
Dextrophan	4.113	7425838	21074799.4	44.0	3353908.2	396379	1022.556 ng/ml
Diazepam	5.923	2589453	∞	87.1	∞	131177	988.749 ng/ml
Dihydrocodeine	2.521	2140126	16331.6	61.8	3507.6	235772	664.145 ng/ml
Diphenhydramine	5.283	20244627	302607.7	30.2	126418.9	976005	1040.473 ng/ml
Doxylamine	4.525	32802362	1325578.7	85.2	1172202.0	1411371	925.008 ng/ml
EDDP	5.245	14400041	1902619.2	42.2	1859847.5	718885	1018.351 ng/ml
Etizolam	5.785	2061644	11183.6	22.9	39121.8	96307	1144.554 ng/ml
Fentanyl	5.088	1188292	195855.0	130.6	1579355.9	604811	106.265 ng/ml
Flualprazolam	5.681	1011889	∞	95.3	40159.7	96307	909.034 ng/ml
Fluoxetine	5.693	4645563	10604900.9	7.8	691493.1	172396	1014.998 ng/ml
Hydrocodone	3.013	3372767	∞	38.0	∞	226126	898.905 ng/ml
Hydromorphone	1.592	3006347	∞	75.1	∞	99185	1031.383 ng/ml
Ketamine	4.047	6868707	∞	36.8	57521.0	411363	915.498 ng/ml
Lamotrigine	4.283	286071	8175.3	89.5	194618.0	73927	830.369 ng/ml
Levetiracetam	2.620	2888724	415223.3	224.6	672069.6	413916	910.009 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	201430	11120.0	50.2	2359.5	11403	1012.543 ng/ml
MDA	3.163	2675204	134524.3	27.0	26042.1	129189	749.815 ng/ml
MDMA	3.271	6339141	1775011.5	92.0	235684.7	73012	959.030 ng/ml
Meprobamate	4.889	390335	810798.7	29.5	113762.7	25156	580.634 ng/ml
Methadone	5.635	15874874	634133.3	50.0	∞	682727	1045.006 ng/ml
Methamphetamine	3.190	12978165	∞	37.6	76813.5	964115	652.400 ng/ml
Metoprolol	4.308	1119827	3605945.7	99.3	∞	129189	949.444 ng/ml
Mirtazapine	4.634	19328900	747968.8	46.8	410715.0	682727	1132.624 ng/ml
Mitragynine	5.211	2386887	139036.6	35.6	304085.9	8582	969.398 ng/ml
Morphine	1.201	505651	28480.5	15.6	662.9	7282	928.278 ng/ml
Norbuprenorphine	4.983	15392	471.4	106.4	∞	8582	101.563 ng/ml
Nordiazepam	5.866	651118	∞	62.0	∞	19317	1159.930 ng/ml
Norfentanyl	4.068	363621	30951.1	39.5	13188.0	496147	96.073 ng/ml
Norhydrocodone	3.060	283584	∞	33.9 High	∞	45929	1065.629 ng/ml
Noroxycodone	2.895	1791804	∞	45.0	∞	59324	1050.380 ng/ml
O-desmethyl-tramadol	3.358	19891621	∞	5.9	133004.0	1016986	1008.965 ng/ml
Oxazepam	5.730	266525	7111.4	71.5	7968.2	11403	1014.873 ng/ml
Oxycodone	2.822	7355735	∞	28.6	∞	334105	965.803 ng/ml
Oxymorphone	1.369	2268348	2884304.6	43.9	385420.2	90645	942.642 ng/ml
Phentermine	3.760	2435211	∞	7.8	4550.2	413916	838.248 ng/ml
Promethazine	5.527	12864955	563160.3	37.6	∞	605458	1040.704 ng/ml
Pseudoephedrine	2.544	27974600	∞	24.0	∞	1370824	1014.569 ng/ml
Quetiapine	5.529	8540167	278299.0	62.1	110931.7	195429	721.419 ng/ml
Sertraline	5.756	1368330	2589237.6	97.1	498283.4	52289	1011.495 ng/ml
Temazepam	5.798	1603694	29236.9	29.1	3987.1	73927	1027.459 ng/ml
Tramadol	4.221	15032147	322055.8	3.5	12560.5	882116	916.713 ng/ml
Trazodone	5.156	11093801	∞	79.1	∞	588067	834.102 ng/ml
Venlafaxine	5.027	15898096	1003742.4	36.4	146401.1	923540	1026.200 ng/ml
Zolpidem	4.933	18116146	642002.6	28.1	1068474.9	928296	966.724 ng/ml