



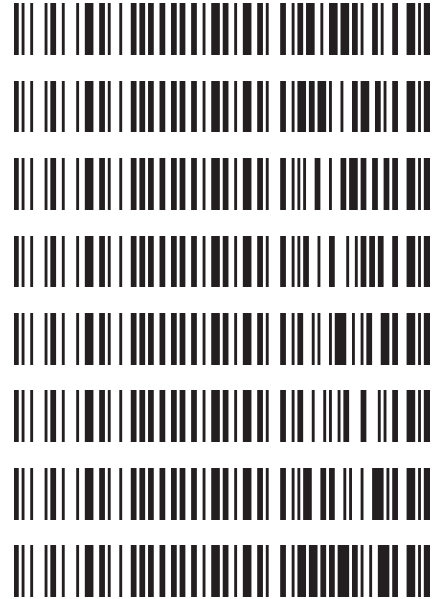
4/14/2022

REVIEWED

By Britany Wylie at 11:21 am, Apr 14, 2022

Worklist: 5782

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2022-0673	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2022-0701	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2022-0712	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2022-0730	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2022-0767	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2022-0773	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2022-0792	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2022-0804	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date 4/13/22

Analyst: Anne Nord

Plate lot#: 211018

Plate re-test: 04/18/22

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: 22B52020 **Urine Blank lot:**
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. Pipette 250µL 00.5M ammonium hydroxide in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 7. Wait 5 minutes.
- 8. Add 900uL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 11. Add 900uL ethyl acetate.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 15. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

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

COMMENTS: Blood only run

Curve limits: Amphetamine 5-500, Buprenorphine 1-100, Lorazepam 5-500, Norbuprenorphine 2.5-100 Trazodone 5-500

Norhydrocodone was not evaluated due rising ratios.

For cal 2 on the initial injections some compounds had shifted retention times and poor peak shape. The sample was dried down, reconstituted and re-injected that injection was used for analysis.

**Idaho State Police
Forensic Services**

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): TOX-22-01

Date of Request: **2/3/2022**

Requestor/Discipline: Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #: AM #25, AM #28, AM #29, Revision 13

Temporary or Permanent Deviation: Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc): Deviation will remain in place until the change is made in the next method revision.

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual): 4.1.4 (Place plate on shaking incubator at approximately 900 rpm for approximately 15 minutes) of AM #25, AM # 28, and AM #29 is being removed. The removal of this step was tested in the validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022) and it was determined that that step is not necessary and can be removed.

Technical Justification for Analytical Method Deviations: Refer to validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022)

Technical Review

Departure approved
Comments:

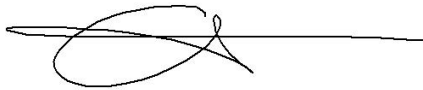
Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager

Date: 2/10/2022

Quality Review

Quality Approver: Jason Crowe
Title: Quality Manager
Date: 2/10/2022



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1		673-1	IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2		701-1	IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	qc3		730-1	IS + Cal. 3	qc3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4		792-1	IS + Cal. 4	IS + QC_4					qc2 urine	IS + Cal. 5
E	IS + Cal. 5	Qc 2 urine		712-1	IS + Cal. 5	Qc 2 urine					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6			804-1	IS + Cal. 6	negative blood					IS + QC_3	IS + Cal. 3
G	IS + Cal. 7			767-2	IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8			773-1	IS + Cal. 8						IS + QC_1	IS + Cal. 1

Run blanks before

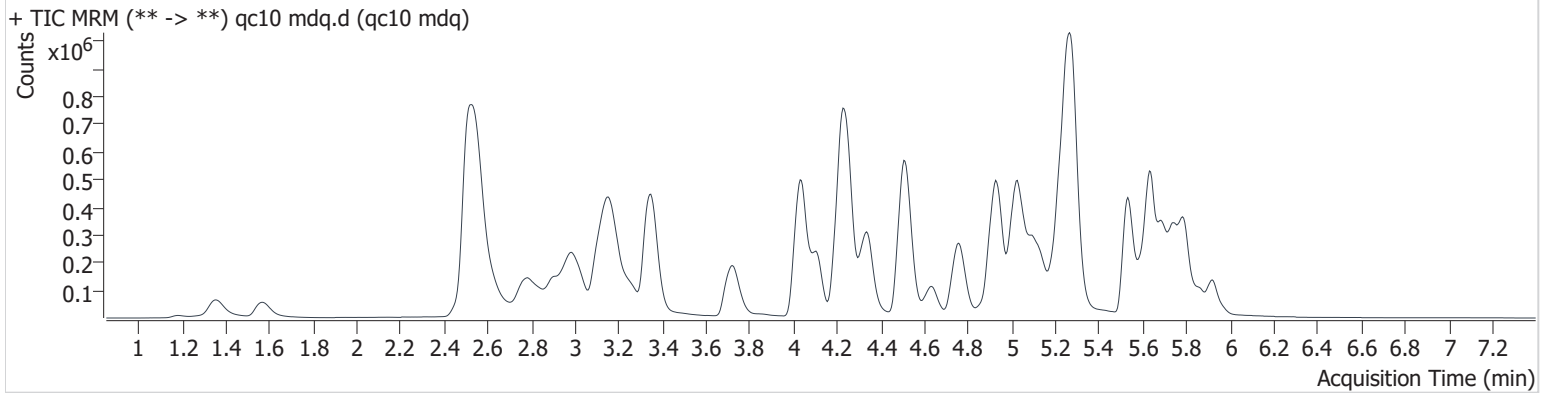
c2022-__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-A6 Comment
Injection Volume 3
Acq. Date-Time 4/13/2022 4:19:23 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.135	2903	∞	149.1	2352.9	84984	0.957 ng/ml
7-aminoclonazepam	4.263	62579	1421.5	70.9	1640.2	225814	10.291 ng/ml
a-hydroxyalprazolam	5.677	10030	∞	56.3	15151.8	102338	10.762 ng/ml
alpha-PHP	4.918	136397	6992.6	41.3	2931.0	818891	10.027 ng/ml
alpha-PVP	4.348	185074	10796.0	54.0	6780.6	818891	9.523 ng/ml
Alprazolam	5.751	81834	1100.0	91.2	∞	288222	9.775 ng/ml
Amphetamine	3.001	167428	2545.3	248.6	4199.6	609608	10.812 ng/ml
Benzoylcegonine	3.871	3664	1382.4	45.2	59.6	12952	10.674 ng/ml
Buprenorphine	5.775	7509	3108.9	18.0	812.9	116186	1.056 ng/ml
Bupropion	4.772	183245	3971.9	70.5	4044.1	817995	10.084 ng/ml
Carisoprodol	5.706	54187	457838.6	63.4	1409.2	251021	9.509 ng/ml
Citalopram	5.212	131271	1779.9	39.3	132008.6	595772	9.775 ng/ml
Clonazepam	5.599	56571	2336.1	34.2	53161.4	102338	10.260 ng/ml
Clonazepam	5.546	50426	133076.8	40.0	24483.6	646583	9.695 ng/ml
Cocaine	4.247	137924	4989.6	50.8	2326.3	1193280	10.173 ng/ml
Codeine	2.552	21382	2414.6	93.3	3069.4	95615	10.270 ng/ml
Cyclobenzaprine	5.606	121987	2089.0	7.3	∞	373934	10.578 ng/ml
Dextromethorphan	5.255	91352	7066.2	75.4	6418.0	458467	9.476 ng/ml
Dextrophan	4.109	119874	4453.9	43.7	1043.7	611533	10.554 ng/ml
Diazepam	5.924	57560	1625.1	88.0	∞	284919	9.825 ng/ml
Dihydrocodeine	2.511	50720	476.5	59.9	752.3	311103	10.454 ng/ml
Diphenhydramine	5.282	396073	12194.7	32.2	6273.6	2247816	9.563 ng/ml
Doxylamine	4.527	419978	4932.9	77.6	3548.3	1657513	9.966 ng/ml
EDDP	5.245	200126	8285.3	42.2	59865.0	1042834	10.096 ng/ml
Etizolam	5.791	38964	8184.1	23.3	26468.4	284919	9.902 ng/ml
Fentanyl	5.092	12581	1347.3	108.6	42672.9	720707	1.003 ng/ml
Flualprazolam	5.687	37265	∞	96.9	4794.3	288222	9.805 ng/ml
Fluoxetine	5.693	89064	4674.6	7.3	6578.9	323973	10.354 ng/ml
Hydrocodone	3.003	76923	∞	32.3	327.8	419480	10.323 ng/ml
Hydromorphone	1.577	53675	∞	71.4	6229.5	179815	9.932 ng/ml
Ketamine	4.043	128490	8492.3	39.4	869.3	625657	10.401 ng/ml
Lamotrigine	4.280	12492	∞	88.8	11248.6	658796	9.940 ng/ml
Levetiracetam	2.610	105417	4960.4	222.0	3069.9	1064262	11.395 ng/ml

AM #28 Multi-Drug Quant. Results

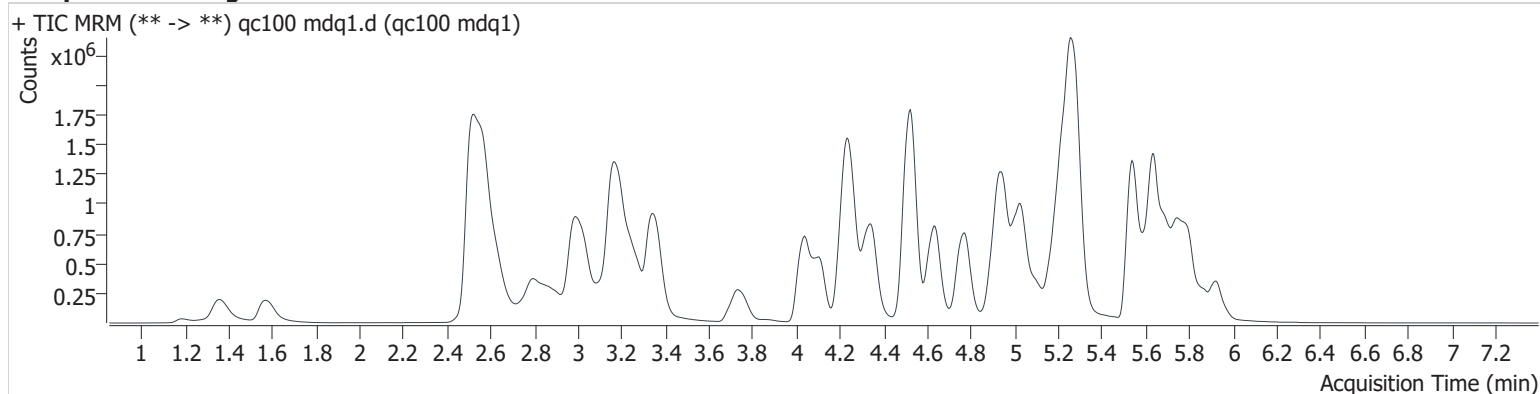
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	29865	∞	46.1	∞	229074	10.391 ng/ml
MDA	3.173	210866	2564.3	28.8	807.2	658796	10.379 ng/ml
MDMA	3.266	130089	71628.8	99.9	1167753580 39360.0	144068	10.069 ng/ml
Meprobamate	4.903	45331	24892.6	31.0	451.4	251021	9.246 ng/ml
Methadone	5.641	229452	113135.7	56.1	3575.1	1064262	9.783 ng/ml
Methamphetamine	3.185	333709	7699.3	40.3	1160.8	1205798	10.496 ng/ml
Metoprolol	4.305	31191	6947.7	95.9	538.1	144068	10.676 ng/ml
Mirtazapine	4.631	253880	4704.9	48.5	7629.1	1064262	9.961 ng/ml
Mitragynine	5.232	47446	68369.1	33.5	8058.1	3468703	9.436 ng/ml
Morphine	1.186	5715	2191.5	20.3	456.9	7777	10.856 ng/ml
Norbuprenorphine	4.982	1276	1489.6	84.6	904.4	24271	0.972 ng/ml OCR
Nordiazepam	5.873	50696	∞	59.5	8017.0	173576	10.306 ng/ml
Norfentanyl	4.059	9815	661.2	39.3	10226.1	1217388	0.968 ng/ml
Norhydrocodone	3.054	3035	∞	21.4	57.8	87164	8.438 ng/ml NE
Noroxycodone	2.874	63734	∞	47.9	∞	239242	10.012 ng/ml
O-desmethyl-tramadol	3.353	292880	33986.2	6.4	4627.9	1599627	9.829 ng/ml
Oxazepam	5.736	60239	∞	66.1	∞	229074	10.614 ng/ml
Oxycodone	2.807	148824	∞	29.9	∞	655744	10.187 ng/ml
Oxymorphone	1.359	77940	∞	44.5	∞	277814	9.743 ng/ml
Phentermine	3.755	59634	582.2	9.2	635.5	771047	9.989 ng/ml
Promethazine	5.533	163229	3651.7	43.3	3327.0	849062	9.587 ng/ml
Pseudoephedrine	2.539	711775	2920.1	24.5	2270.0	3468703	9.964 ng/ml
Quetiapine	5.545	138361	22975.2	61.6	∞	210476	10.078 ng/ml
Sertraline	5.757	26746	21519.4	93.5	791.3	110465	10.503 ng/ml
Temazepam	5.799	135128	2887.2	28.4	666.3	646583	10.505 ng/ml
Tramadol	4.228	314634	25062.2	3.6	567.5	1532185	10.302 ng/ml
Trazodone	5.185	175873	2506.3	79.8	∞	750591	10.491 ng/ml
Venlafaxine	5.026	226618	7485.7	36.9	1776.0	1593918	9.877 ng/ml
Zolpidem	4.946	312864	11324.9	28.3	123781.1	1431711	9.859 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-B6	Comment	
Injection Volume	3		
Acq. Date-Time	4/13/2022 6:25:42 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	26545	∞	129.8	16434.9	70386	10.716 ng/ml
7-aminoclonazepam	4.263	447476	11563.6	75.4	∞	166487	99.970 ng/ml
a-hydroxyalprazolam	5.672	61532	911.0	53.8	945.5	70724	101.232 ng/ml
alpha-PHP	4.918	1145225	27237.4	39.4	22311.6	667029	107.029 ng/ml
alpha-PVP	4.348	1570315	255747.2	53.2	28939.8	667029	97.875 ng/ml
Alprazolam	5.751	604043	1653.8	95.0	22147.1	214691	97.273 ng/ml
Amphetamine	2.991	1263272	44020.2	234.8	38940.6	513678	108.575 ng/ml
Benzoylecgonine	3.871	27886	∞	57.7	2081.6	10702	101.005 ng/ml
Buprenorphine	5.780	61929	∞	16.3	6393.0	102737	9.276 ng/ml
Bupropion	4.772	1544247	115345.3	69.2	12376.6	690198	98.949 ng/ml
Carisoprodol	5.711	362762	2232642.6	63.7	105474.0	171158	93.965 ng/ml
Citalopram	5.212	1041915	16662.5	38.6	179332.9	466780	98.290 ng/ml
Clonazepam	5.599	376081	∞	36.1	42615.2	70724	103.362 ng/ml
Clonazepam	5.546	371290	218571.0	40.2	154832.1	457527	97.947 ng/ml
Cocaine	4.247	1095906	2389050.7	50.1	133870.9	965406	99.471 ng/ml
Codeine	2.547	167888	10135.0	88.5	6248.6	75360	107.003 ng/ml
Cyclobenzaprine	5.606	1045268	31819.8	8.0	∞	337756	101.280 ng/ml
Dextromethorphan	5.250	744373	12822.6	76.7	12802.8	356336	100.211 ng/ml
Dextrophan	4.109	1006221	55671.3	44.4	550700.2	524029	95.047 ng/ml
Diazepam	5.929	465095	5272.2	87.7	967302.4	227866	99.013 ng/ml
Dihydrocodeine	2.506	404136	563.3	61.5	2055.6	259993	107.359 ng/ml
Diphenhydramine	5.282	3280730	514948.5	31.8	∞	1815084	95.618 ng/ml
Doxylamine	4.522	3551674	159448.6	79.4	1026159.7	1394589	99.759 ng/ml
EDDP	5.245	1654423	874055.9	42.7	∞	874430	98.960 ng/ml
Etizolam	5.791	299944	69547.6	25.4	∞	227866	100.053 ng/ml
Fentanyl	5.097	114133	13562.0	113.1	∞	643996	9.538 ng/ml
Flualprazolam	5.687	286309	5758.9	94.1	11534.4	214691	100.919 ng/ml
Fluoxetine	5.693	625528	20598.9	7.4	24607.5	242333	97.056 ng/ml
Hydrocodone	2.993	564989	∞	36.7	∞	337204	97.693 ng/ml
Hydromorphone	1.572	466656	∞	77.8	∞	165465	94.093 ng/ml
Ketamine	4.043	1075844	143749.6	37.5	9682.0	535513	102.328 ng/ml
Lamotrigine	4.285	92450	16448.6	88.0	40003.1	492100	97.321 ng/ml
Levetiracetam	2.610	789764	11294.3	225.4	52796.2	910242	109.439 ng/ml

AM #28 Multi-Drug Quant. Results

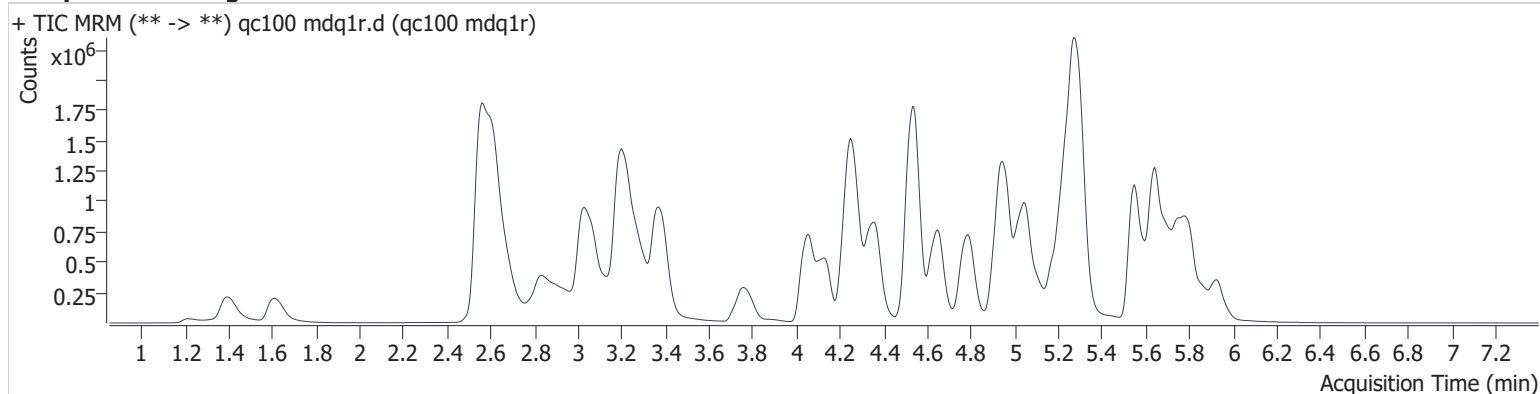
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.729	145542	∞	48.6	4099.8	128769	93.648 ng/ml
MDA	3.168	1543786	54438.8	28.3	5605.0	492100	108.214 ng/ml
MDMA	3.261	1068612	407574.9	98.2	78027.6	118851	99.691 ng/ml
Meprobamate	4.903	328656	28202.4	28.6	1075.3	171158	92.552 ng/ml
Methadone	5.641	1948611	∞	54.1	22317.7	910242	93.680 ng/ml
Methamphetamine	3.175	2284137	13107.4	40.8	42795.2	1032955	107.580 ng/ml
Metoprolol	4.310	242713	∞	99.2	∞	118851	110.008 ng/ml
Mirtazapine	4.631	2175157	∞	48.9	187476.5	910242	97.718 ng/ml
Mitragynine	5.232	374012	260261.9	33.7	142249.6	2881167	101.093 ng/ml
Morphine	1.186	52184	10026.9	21.4	1169.4	6881	108.098 ng/ml
Norbuprenorphine	4.987	8859	17100.0	93.1	8719.8	20537	8.817 ng/ml
Nordiazepam	5.873	382670	∞	61.1	∞	135592	102.625 ng/ml
Norfentanyl	4.064	77359	3235.9	38.5	∞	1006537	9.382 ng/ml
Norhydrocodone	3.039	24656	1332.3	24.3	∞	64130	81.662 ng/ml NE
Noroxycodone	2.869	520451	∞	47.0	∞	192774	100.414 ng/ml
O-desmethyl-tramadol	3.348	2469937	134375.4	6.5	42155.0	1373149	96.193 ng/ml
Oxazepam	5.736	322202	∞	72.6	∞	128769	97.125 ng/ml
Oxycodone	2.796	1274819	∞	29.8	∞	568789	101.811 ng/ml
Oxymorphone	1.359	674559	∞	44.7	∞	242800	98.281 ng/ml
Phentermine	3.755	510510	20000.2	8.3	2537.4	649434	105.004 ng/ml
Promethazine	5.533	1500085	5928788.0	40.6	55871.9	774716	93.474 ng/ml
Pseudoephedrine	2.524	5840918	112157.6	24.1	158757.9	2881167	97.373 ng/ml
Quetiapine	5.545	1120281	∞	60.2	∞	171401	103.714 ng/ml
Sertraline	5.757	169457	228132.3	97.7	18378.3	71611	104.578 ng/ml
Temazepam	5.799	922231	6055755.0	28.8	31397.9	457527	90.573 ng/ml
Tramadol	4.228	2494993	∞	3.7	1564.9	1286667	103.115 ng/ml
Trazodone	5.185	1426143	198620.6	81.3	∞	661227	104.606 ng/ml
Venlafaxine	5.026	1913757	148263.4	37.1	15337.8	1316100	95.691 ng/ml
Zolpidem	4.952	2603816	12246339.7	28.7	∞	1172628	98.458 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 PM

Instrument	69679	Data File	qc100 mdq1r.d
Type	QC	Sample	qc100 mdq1r
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B6	Comment	
Injection Volume	3		
Acq. Date-Time	4/14/2022 11:47:26 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	27879	∞	135.0	44912.1	77460	10.226 ng/ml
7-aminoclonazepam	4.284	290278	2555.4	75.4	∞	111627	96.722 ng/ml
a-hydroxyalprazolam	5.682	64283	2382.7	59.4	704.1	72522	103.149 ng/ml
alpha-PHP	4.933	1156369	19210.2	41.1	10441.5	703293	102.482 ng/ml
alpha-PVP	4.363	1615916	97598.6	53.7	40656.4	703293	95.528 ng/ml
Alprazolam	5.756	659810	1703.8	93.2	3320.7	237212	96.165 ng/ml
Amphetamine	3.032	1317369	29887.8	234.8	22628.4	533817	108.959 ng/ml
Benzoylcegonine	3.896	29770	5029.8	55.2	416.8	11158	103.431 ng/ml
Buprenorphine	5.780	57879	7250.5	16.1	7219.9	95693	9.307 ng/ml
Bupropion	4.793	1528661	96924.4	71.0	58578.7	697782	96.890 ng/ml
Carisoprodol	5.711	410017	14357.7	63.6	6036.1	191998	94.679 ng/ml
Citalopram	5.233	1023500	7764.1	38.2	164486.0	455051	99.041 ng/ml
Clonazepam	5.609	401507	1921205.5	34.9	∞	72522	107.636 ng/ml
Clonazepam	5.551	391394	7478.4	41.1	∞	491029	96.211 ng/ml
Cocaine	4.262	1128012	56300.2	51.3	72284.6	1009949	97.871 ng/ml
Codeine	2.588	176643	25839.1	91.9	6299.1	73760	115.064 ng/ml
Cyclobenzaprine	5.617	725005	26329.7	8.4	49664.2	238928	99.304 ng/ml
Dextromethorphan	5.271	703435	24381.9	74.4	17451.0	336182	100.377 ng/ml
Dextrophan	4.135	1060966	149198.3	44.7	35130.0	549397	95.585 ng/ml
Diazepam	5.929	486209	5880.1	86.7	56375.4	237461	99.326 ng/ml
Dihydrocodeine	2.541	428149	3870.2	61.4	1359.4	277601	106.517 ng/ml
Diphenhydramine	5.298	3300045	347596.4	32.0	37342.3	1795902	97.204 ng/ml
Doxylamine	4.537	3702384	77458.3	78.6	402538.0	1466540	98.890 ng/ml
EDDP	5.260	1690799	308641.7	43.4	∞	921100	96.013 ng/ml
Etizolam	5.797	317893	29609.2	25.0	∞	237461	101.765 ng/ml
Fentanyl	5.107	96545	7107.2	109.8	103255.6	541193	9.600 ng/ml
Flualprazolam	5.692	307328	3937.2	94.2	4578.0	237212	98.044 ng/ml
Fluoxetine	5.693	366528	925313.5	7.3	124907.7	140039	98.411 ng/ml
Hydrocodone	3.028	603322	∞	36.2	∞	347140	101.351 ng/ml
Hydromorphone	1.608	509758	11413.0	74.6	3468.1	165720	102.629 ng/ml
Ketamine	4.059	1122507	79557.6	37.8	7503.3	564164	101.343 ng/ml
Lamotrigine	4.311	97505	3900.6	89.5	103574.0	521082	96.934 ng/ml
Levetiracetam	2.640	813733	31026.6	223.4	33084.8	862527	119.107 ng/ml

AM #28 Multi-Drug Quant. Results

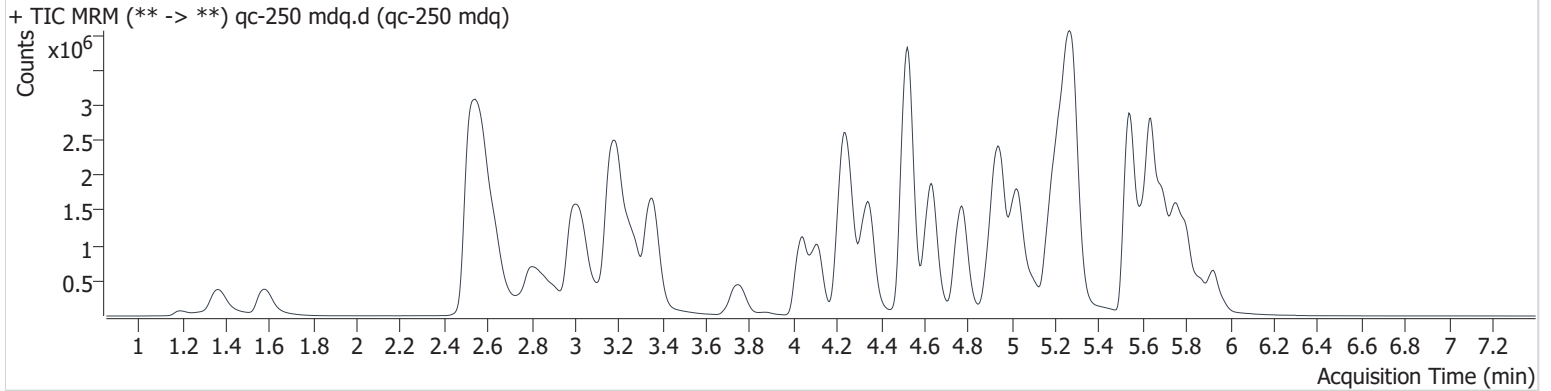
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.735	159204	∞	47.2	2087.3	137711	95.798 ng/ml
MDA	3.205	1597992	32112.7	28.1	5564.3	521082	105.767 ng/ml
MDMA	3.292	1073301	375923.2	102.3	60381.9	122598	97.069 ng/ml
Meprobamate	4.923	346711	421783.3	28.5	4416.9	191998	87.075 ng/ml
Methadone	5.646	1821087	127637.0	56.0	161995.9	862527	92.398 ng/ml
Methamphetamine	3.206	2430858	19864.2	40.5	9595.1	1087434	108.792 ng/ml
Metoprolol	4.326	247686	∞	96.9	∞	122598	108.819 ng/ml
Mirtazapine	4.647	2149454	58254.6	47.7	258377.0	862527	101.896 ng/ml
Mitragynine	5.242	333518	9296.6	33.7	83385.7	2996241	86.491 ng/ml
Morphine	1.211	55820	22612.3	20.7	963.0	7632	104.262 ng/ml
Norbuprenorphine	5.003	8932	∞	98.8	7655.5	19990	9.138 ng/ml
Nordiazepam	5.878	394184	∞	62.0	∞	144014	99.520 ng/ml
Norfentanyl	4.079	81629	3830.0	39.1	8274.3	1051329	9.478 ng/ml
Norhydrocodone	3.075	27711	588.2	25.8	363.7	69609	84.515 ng/ml NE
Noroxycodone	2.910	532854	∞	47.2	1537.1	195908	101.161 ng/ml
O-desmethyl-tramadol	3.373	2575779	313255.2	6.5	9419.1	1429022	96.393 ng/ml
Oxazepam	5.747	355931	4839.1	70.6	12166.8	137711	100.310 ng/ml
Oxycodone	2.832	1327493	∞	30.2	∞	582075	103.600 ng/ml
Oxymorphone	1.394	714867	∞	45.0	∞	259639	97.396 ng/ml
Phentermine	3.781	533127	3491.4	8.5	2478530385 8442.1	677409	105.128 ng/ml
Promethazine	5.538	1037410	179581.7	41.1	9938.8	531178	94.279 ng/ml
Pseudoephedrine	2.565	6135524	113641.1	24.2	∞	2996241	98.355 ng/ml
Quetiapine	5.551	1094158	∞	62.3	1123511.2	177293	97.907 ng/ml
Sertraline	5.762	83406	74809.8	98.0	11423.6	36454	101.107 ng/ml
Temazepam	5.804	1008326	28685.7	28.4	4214.1	491029	92.249 ng/ml
Tramadol	4.243	2655850	113417.2	3.6	1889.8	1378954	102.412 ng/ml
Trazodone	5.195	1393237	52316.7	81.0	63148.7	626259	107.929 ng/ml
Venlafaxine	5.047	1978329	144397.7	37.1	25865.5	1370662	94.987 ng/ml
Zolpidem	4.962	2655166	386930.9	28.8	313534.6	1219011	96.583 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-C6	Comment	
Injection Volume	3		
Acq. Date-Time	4/13/2022 4:28:25 PM		
Sample Info.			

Sample Chromatogram

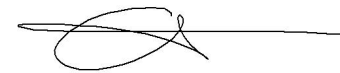


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	52371	4525.0	140.1	19967.0	62108	23.978 ng/ml
7-aminoclonazepam	4.268	761057	29473.4	77.3	32778.9	107769	262.696 ng/ml
a-hydroxyalprazolam	5.672	89595	3205.7	56.9	5011.4	45775	228.644 ng/ml
alpha-PHP	4.912	2421404	∞	40.3	47751.9	578563	261.466 ng/ml
alpha-PVP	4.348	3457513	91728.4	53.1	70889.7	578563	248.237 ng/ml
Alprazolam	5.756	1153272	6067.2	94.0	3836.3	162927	244.794 ng/ml
Amphetamine	3.011	2412127	184058.9	231.3	135435.2	438640	244.611 ng/ml
Benzoylcegonine	3.876	63499	144309.4	57.4	683.3	9775	252.293 ng/ml
Buprenorphine	5.780	137459	198709.1	15.2	58214.0	85901	24.511 ng/ml
Bupropion	4.772	3510939	692761.7	68.0	67567.0	606655	255.634 ng/ml
Carisoprodol	5.711	612027	847850.5	61.4	24810.3	107705	252.044 ng/ml
Citalopram	5.212	2024365	29564.3	40.0	67204.0	356177	250.147 ng/ml
Clonazepam	5.599	600037	9066.5	34.7	104403.0	45775	255.591 ng/ml
Clonazepam	5.546	638740	∞	39.8	∞	311155	247.288 ng/ml
Cocaine	4.247	2313896	108890.1	50.4	83927.6	796837	254.375 ng/ml
Codeine	2.567	313050	43480.3	93.5	15351.4	57144	263.889 ng/ml
Cyclobenzaprine	5.606	2671452	308100.1	8.3	491652.3	353639	247.381 ng/ml
Dextromethorphan	5.250	1520661	26096.3	75.5	122871.4	289009	252.546 ng/ml
Dextrophan	4.109	2215039	194994.9	45.5	480285.0	453353	240.387 ng/ml
Diazepam	5.924	993533	∞	87.2	∞	186815	257.945 ng/ml
Dihydrocodeine	2.511	835595	4391.8	60.7	4807.0	224865	257.906 ng/ml
Diphenhydramine	5.282	6980434	238580.4	32.1	99107.8	1494220	246.712 ng/ml
Doxylamine	4.522	8123725	261609.3	79.3	188288.7	1254710	253.546 ng/ml
EDDP	5.245	3517403	127747.4	43.6	62926.5	726870	253.004 ng/ml
Etizolam	5.791	612518	∞	25.6	97930.8	186815	250.036 ng/ml
Fentanyl	5.097	291470	440337.7	115.6	∞	642636	24.298 ng/ml
Flualprazolam	5.687	544716	∞	88.1	7995.1	162927	252.971 ng/ml
Fluoxetine	5.693	2049550	155239.8	7.1	∞	306440	251.448 ng/ml
Hydrocodone	3.003	1118052	∞	35.9	∞	272099	240.182 ng/ml
Hydromorphone	1.577	1078846	∞	74.2	∞	137673	261.499 ng/ml
Ketamine	4.043	2332234	107292.1	38.3	9541.4	465083	255.520 ng/ml
Lamotrigine	4.285	172712	4310.8	91.3	∞	354939	251.865 ng/ml
Levetiracetam	2.620	1623049	43833.7	224.1	123482.4	816501	252.332 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.729	173375	∞	47.1	41903.6	61200	235.422 ng/ml
MDA	3.173	2738209	52817.5	27.7	10935.3	354939	267.187 ng/ml
MDMA	3.271	2249655	∞	98.5	228316.3	102019	244.402 ng/ml
Meprobamate	4.897	569402	266390.0	29.8	7817.8	107705	253.766 ng/ml
Methadone	5.636	4546820	134830.6	52.7	89409.9	816501	243.066 ng/ml
Methamphetamine	3.190	4863548	48419.8	40.1	65305.3	917597	262.605 ng/ml
Metoprolol	4.310	469724	893739.9	97.7	∞	102019	249.408 ng/ml
Mirtazapine	4.631	4974712	∞	48.0	111473.1	816501	248.791 ng/ml
Mitragynine	5.226	768741	13018.3	34.5	591615.5	2386492	252.869 ng/ml
Morphine	1.191	111402	17927.4	22.3	3249.1	6305	251.260 ng/ml
Norbuprenorphine	4.982	19768	37495.4	96.2	∞	16828	24.214 ng/ml
Nordiazepam	5.873	746508	139847.4	61.9	∞	109979	247.316 ng/ml
Norfentanyl	4.064	163467	161937.5	36.3	95182.7	821119	24.329 ng/ml
Norhydrocodone	3.049	58466	1810.1	28.0	894.5	50569	243.271 ng/ml NE
Noroxycodone	2.889	1034708	∞	46.0	∞	152055	252.919 ng/ml
O-desmethyl-tramadol	3.353	5530310	777575.7	6.4	36995.8	1215149	243.322 ng/ml
Oxazepam	5.736	392866	∞	71.8	1375.3	61200	248.463 ng/ml
Oxycodone	2.807	2835285	∞	29.6	∞	506264	254.604 ng/ml
Oxymorphone	1.364	1494634	∞	44.6	∞	215249	245.938 ng/ml
Phentermine	3.755	1066619	3684.3	8.1	2379.0	562963	253.619 ng/ml
Promethazine	5.533	4133723	92088.2	39.3	181850.4	816850	243.749 ng/ml
Pseudoephedrine	2.544	12462162	121947.3	23.9	85117.0	2386492	250.629 ng/ml
Quetiapine	5.545	2346969	∞	62.2	2510429.0	145510	256.515 ng/ml
Sertraline	5.757	689448	1129646.3	97.1	515635.8	119000	256.363 ng/ml
Temazepam	5.804	1640913	34033.3	28.2	2326.6	311155	234.955 ng/ml
Tramadol	4.228	5402335	185129.9	3.5	2852.1	1145692	251.734 ng/ml
Trazodone	5.180	3361621	105761.7	79.2	∞	641981	255.362 ng/ml
Venlafaxine	5.024	4275716	77979.0	37.3	44081.4	1152767	243.190 ng/ml
Zolpidem	4.946	5641857	1655703.4	29.1	206992.3	1009491	247.525 ng/ml

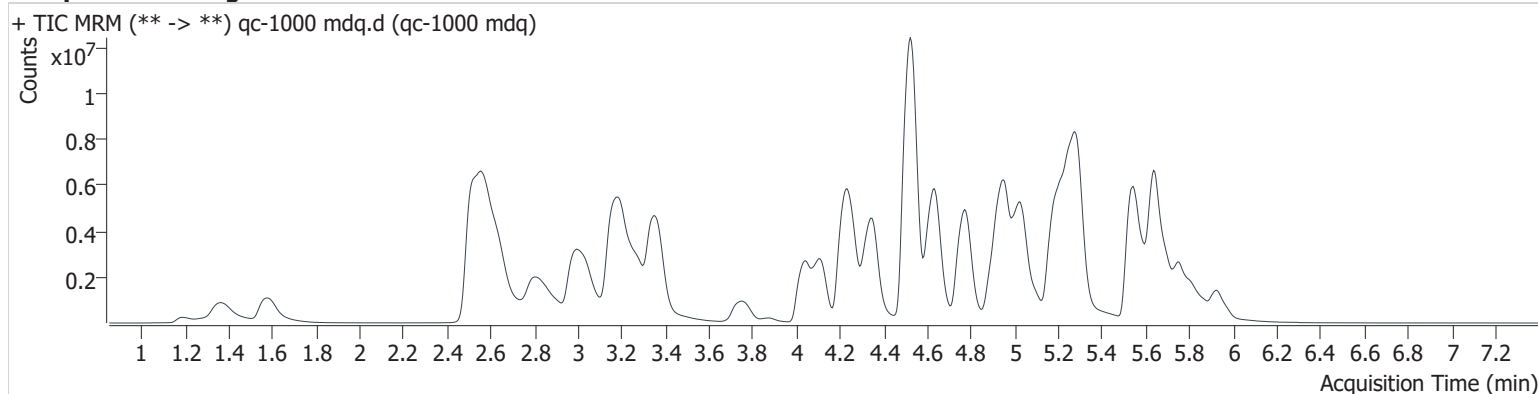
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-D6	Comment	
Injection Volume	3		
Acq. Date-Time	4/13/2022 4:37:28 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	164645	∞	135.0	∞	49656	94.330 ng/ml
7-aminoclonazepam	4.268	946935	∞	86.3	18836.8	39823	884.577 ng/ml
a-hydroxyalprazolam	5.677	118863	1195.7	57.7	1928.8	13654	1019.430 ng/ml
alpha-PHP	4.902	6957990	102128.4	39.6	53100.6	465858	934.117 ng/ml
alpha-PVP	4.348	11689508	1440801.1	51.6	368561.3	465858	1041.861 ng/ml
Alprazolam	5.751	2558746	8844.1	94.2	8307.4	88166	1003.800 ng/ml
Amphetamine	2.996	5150427	127979.6	229.0	153829.0	334773	687.004 ng/ml ocr
Benzoylcegonine	3.876	323156	1065555.9	55.9	8900.4	12146	1034.339 ng/ml
Buprenorphine	5.775	371260	258381.4	15.4	25841.2	58895	96.358 ng/ml
Bupropion	4.772	12789797	2132487.8	64.7	171938.4	533555	1058.201 ng/ml
Carisoprodol	5.711	1212911	1850420.1	59.5	59059.7	54063	995.315 ng/ml
Citalopram	5.202	3603403	247162.6	44.0	76557.5	165845	956.049 ng/ml
Clonazepam	5.599	739977	161438.6	34.3	216308.0	13654	1058.410 ng/ml
Clonazepam	5.561	928372	100588.7	38.6	75998.8	105070	1063.359 ng/ml
Cocaine	4.252	6376335	298355.0	50.6	149539.4	546837	1021.291 ng/ml
Codeine	2.572	713803	∞	94.9	83260.8	33776	1019.489 ng/ml
Cyclobenzaprine	5.601	4771285	203102.2	8.4	5311.5	158448	986.446 ng/ml
Dextromethorphan	5.250	3199921	75257.2	74.7	101051.0	146218	1050.698 ng/ml
Dextrophan	4.109	7328439	224694.0	44.3	185749.6	353017	1018.288 ng/ml
Diazepam	5.924	2886428	78867.8	86.9	∞	141872	986.708 ng/ml
Dihydrocodeine	2.490	2334981	1613.5	62.2	3351.6	195869	829.370 ng/ml
Diphenhydramine	5.292	17866874	5236938.9	30.9	227588.1	903282	1043.731 ng/ml
Doxylamine	4.522	29191707	∞	85.6	1567531.1	1134568	1007.435 ng/ml
EDDP	5.245	11574318	222616.9	42.5	117562.0	553045	1093.983 ng/ml
Etizolam	5.791	1745149	83912.1	25.5	∞	141872	939.580 ng/ml
Fentanyl	5.097	1014796	370379.5	117.1	2021181.8	526835	102.961 ng/ml
Flualprazolam	5.687	1116946	2246.5	89.6	3937.8	88166	958.502 ng/ml
Fluoxetine	5.693	2023770	58522.5	7.3	123932.0	76513	994.347 ng/ml
Hydrocodone	2.998	3458227	∞	38.7	∞	223213	906.757 ng/ml
Hydromorphone	1.577	3714440	∞	73.8	∞	119877	1034.081 ng/ml
Ketamine	4.043	7651854	1383043.8	37.2	82743.4	391840	995.235 ng/ml
Lamotrigine	4.285	310245	1256819.0	84.7	∞	160652	999.191 ng/ml
Levetiracetam	2.630	4162903	511488.2	223.8	178111.2	613913	863.759 ng/ml

AM #28 Multi-Drug Quant. Results

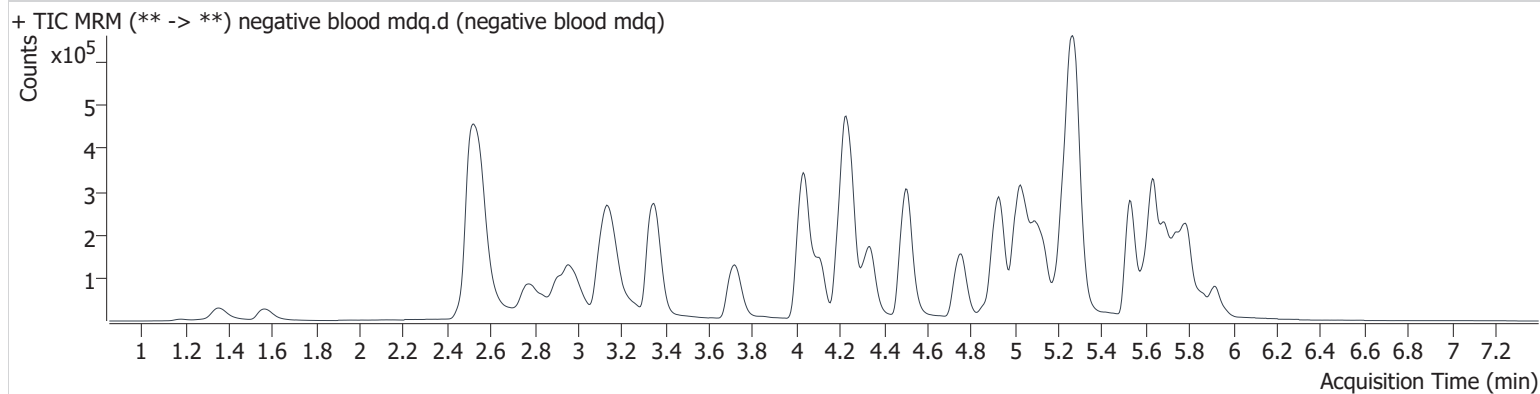
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	218157	∞	48.5	∞	12331 1472.659	ng/ml ocr
MDA	3.143	3857642	57118.6	27.5	12772.4	160652	833.203 ng/ml
MDMA	3.266	6164554	500298.3	95.5	165017.7	66391	1028.918 ng/ml
Meprobamate	4.876	878463	833104.2	29.3	25591.7	54063	778.726 ng/ml
Methadone	5.641	14529605	3350926.0	49.6	234572.8	613913	1031.789 ng/ml
Methamphetamine	3.185	14168464	154904.2	39.0	70240.9	878449	806.044 ng/ml
Metoprolol	4.305	986604	1438336.0	97.2	∞	66391	807.440 ng/ml
Mirtazapine	4.631	16583216	401101.6	46.8	435780.2	613913	1102.240 ng/ml
Mitragynine	5.221	1452463	∞	36.4	16142.6	1638073	698.446 ng/ml
Morphine	1.191	436182	39492.8	21.2	915443.7	6032	1027.047 ng/ml
Norbuprenorphine	4.982	50808	78799.6	91.9	23771.5	9597	109.533 ng/ml
Nordiazepam	5.873	1329032	∞	61.9	136888.9	51797	935.864 ng/ml
Norfentanyl	4.064	375627	11480.3	37.2	∞	478369	96.014 ng/ml
Norhydrocodone	3.054	230284	3346.4	34.3 High	3011.9	39854 1211.200	ng/ml ne
Noroxycodone	2.889	2325588	∞	45.8	∞	90329	956.586 ng/ml
O-desmethyl-tramadol	3.353	20008870	4873297.4	6.1	134167.9	1051716	1017.017 ng/ml
Oxazepam	5.736	322511	13549.4	74.3	∞	12331	1010.920 ng/ml
Oxycodone	2.805	9715637	∞	29.3	∞	446495	989.629 ng/ml
Oxymorphone	1.364	4605254	∞	44.2	∞	171917	949.359 ng/ml
Phentermine	3.755	3145805	∞	7.1	10229.4	480379	877.529 ng/ml
Promethazine	5.527	9622155	2465974.1	36.5	151144.6	453859	1020.078 ng/ml
Pseudoephedrine	2.554	34861815	330496.1	23.4	179617.5	1638073	1021.076 ng/ml
Quetiapine	5.551	6735803	2841605.9	60.4	1290860.1	107751	995.317 ng/ml
Sertraline	5.751	574633	1347232.6	99.0	440681.9	24095	1055.963 ng/ml
Temazepam	5.814	2375313	∞	28.9	17817.1	105070	1003.121 ng/ml
Tramadol	4.223	16223494	114010.3	3.4	7586.8	882923	982.958 ng/ml
Trazodone	5.176	9168847	252190.4	79.5	∞	619104 724.028	ng/ml ocr
Venlafaxine	5.026	15402113	393708.4	35.3	75751.3	915694	1100.789 ng/ml
Zolpidem	4.952	17671135	∞	28.4	10013608.1	737393	1060.747 ng/ml

AM #28 Multi-Drug Quant. Results

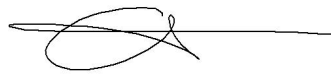
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 PM

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-F6	Comment	
Injection Volume	3		
Acq. Date-Time	4/13/2022 4:55:26 PM		
Sample Info.			

Sample Chromatogram

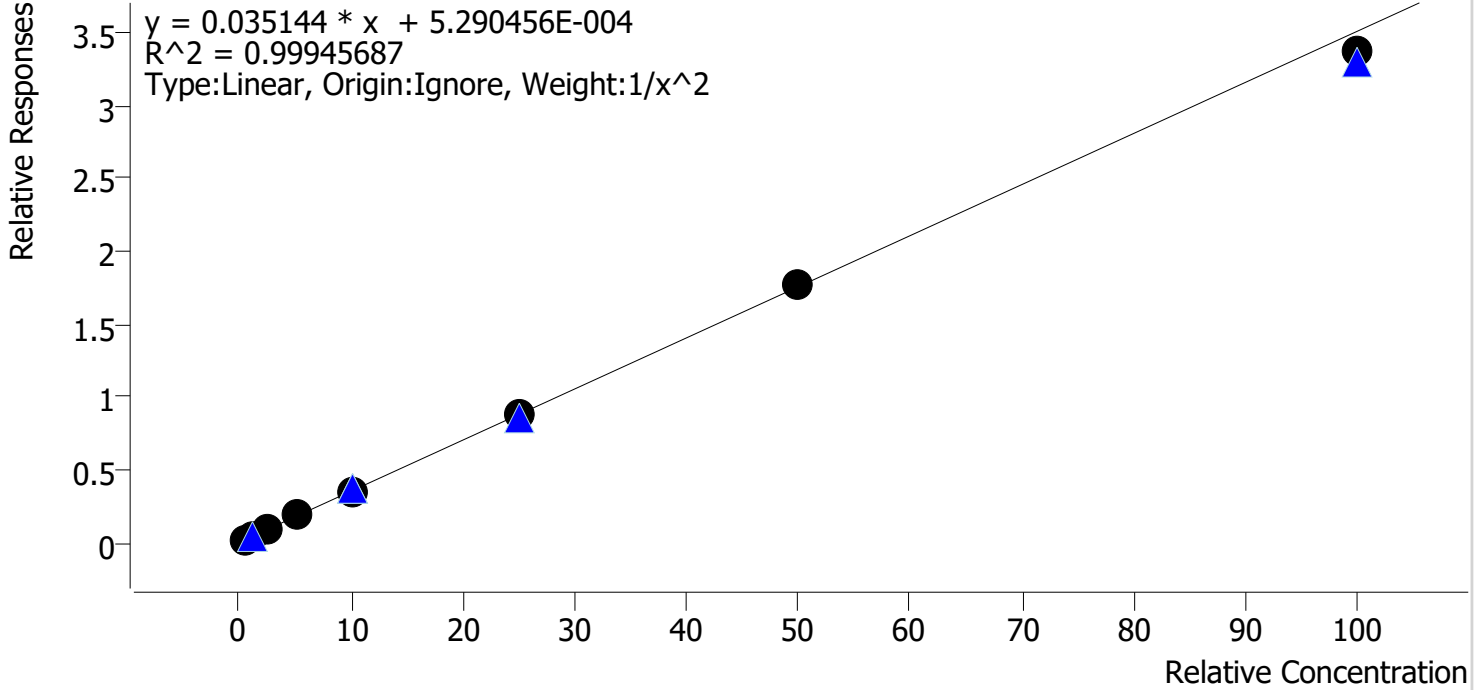


Compound Calibration Report



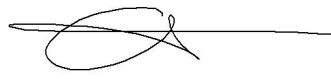
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



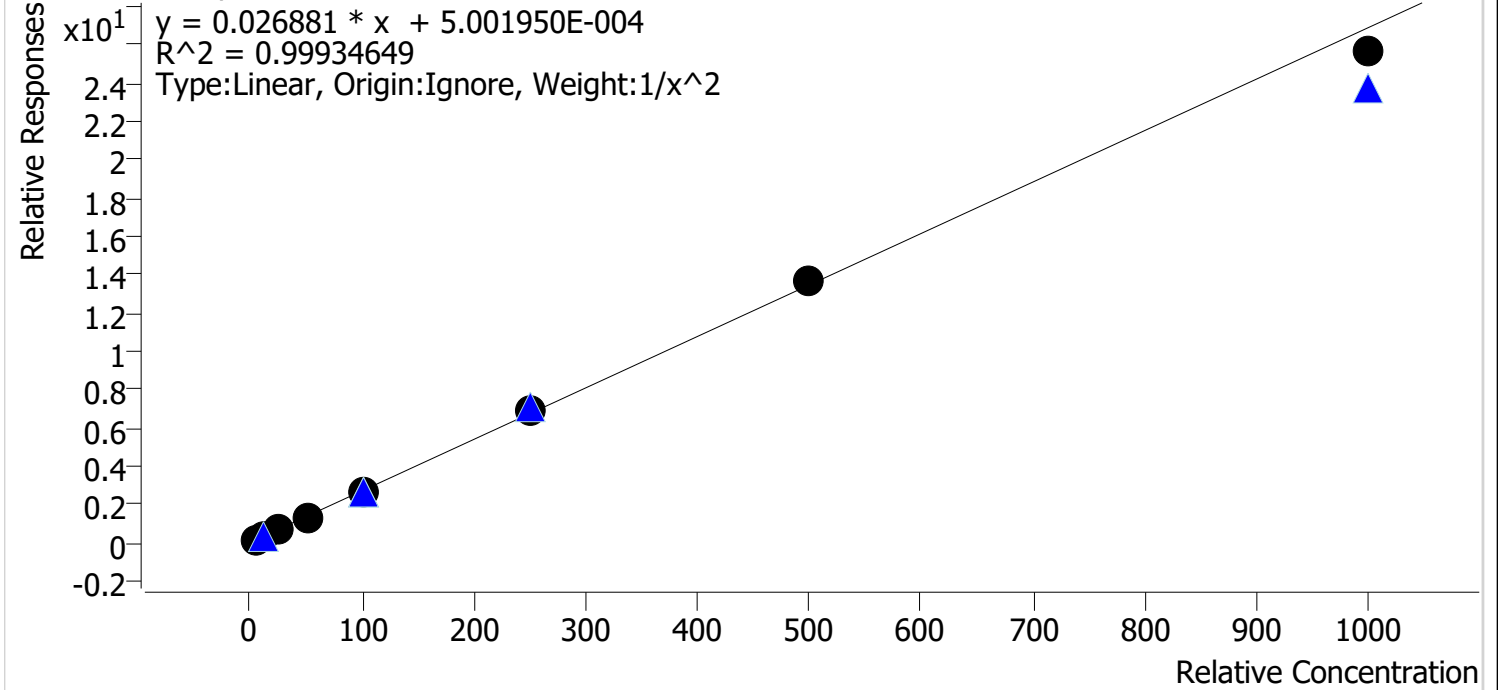
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	98.8
cal 2 mdqr	2	✓	1.0	1.0	101.7
cal 3 mdq	3	✓	2.5	2.5	100.6
cal 4 mdq	4	✓	5.0	5.1	102.8
cal 5 mdq	5	✓	10.0	10.0	100.2
cal 6 mdq	6	✓	25.0	24.9	99.6
cal 7 mdq	7	✓	50.0	50.2	100.4
cal 8 mdq	8	✓	100.0	96.0	96.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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

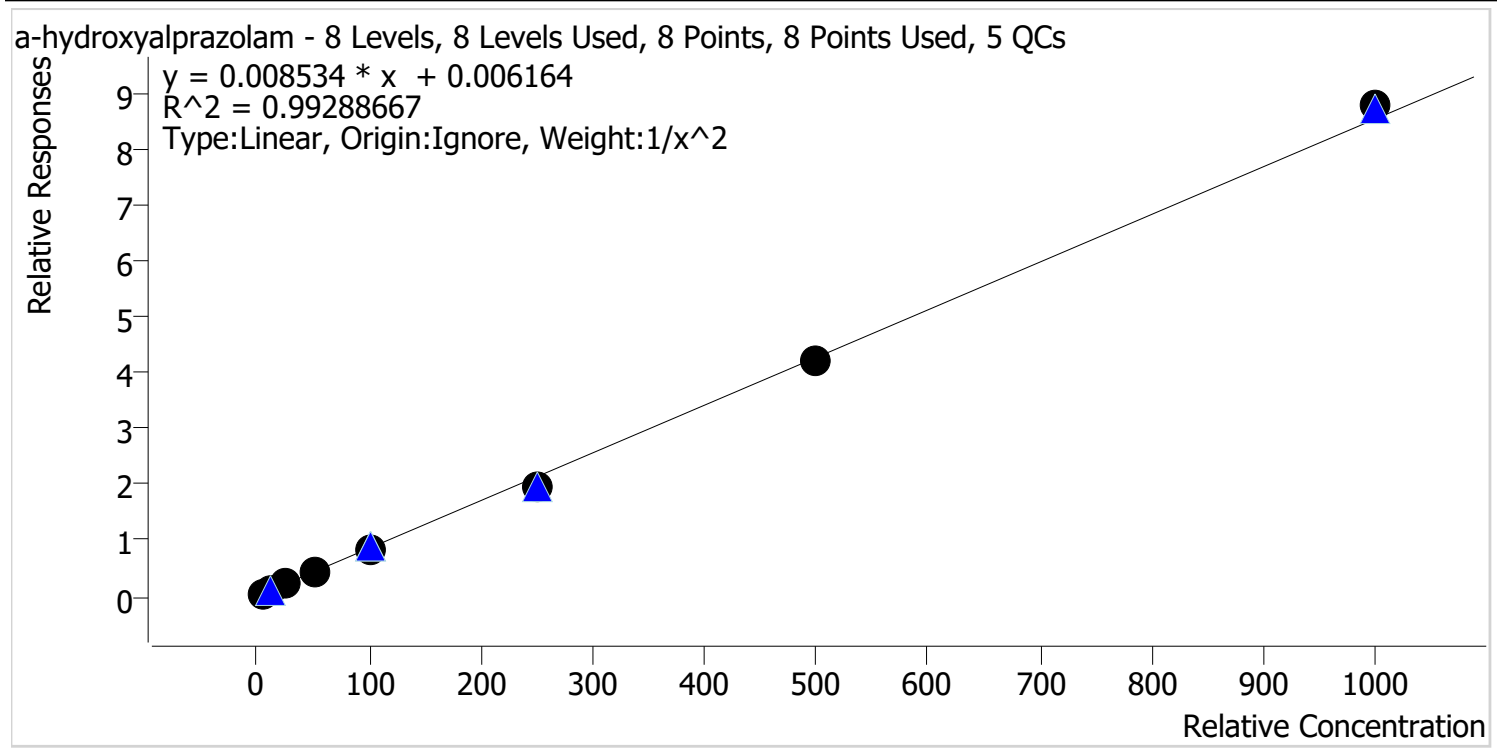


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdqr	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	506.8	101.4
cal 8 mdq	8	✓	1000.0	953.5	95.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Clonazepam-D4

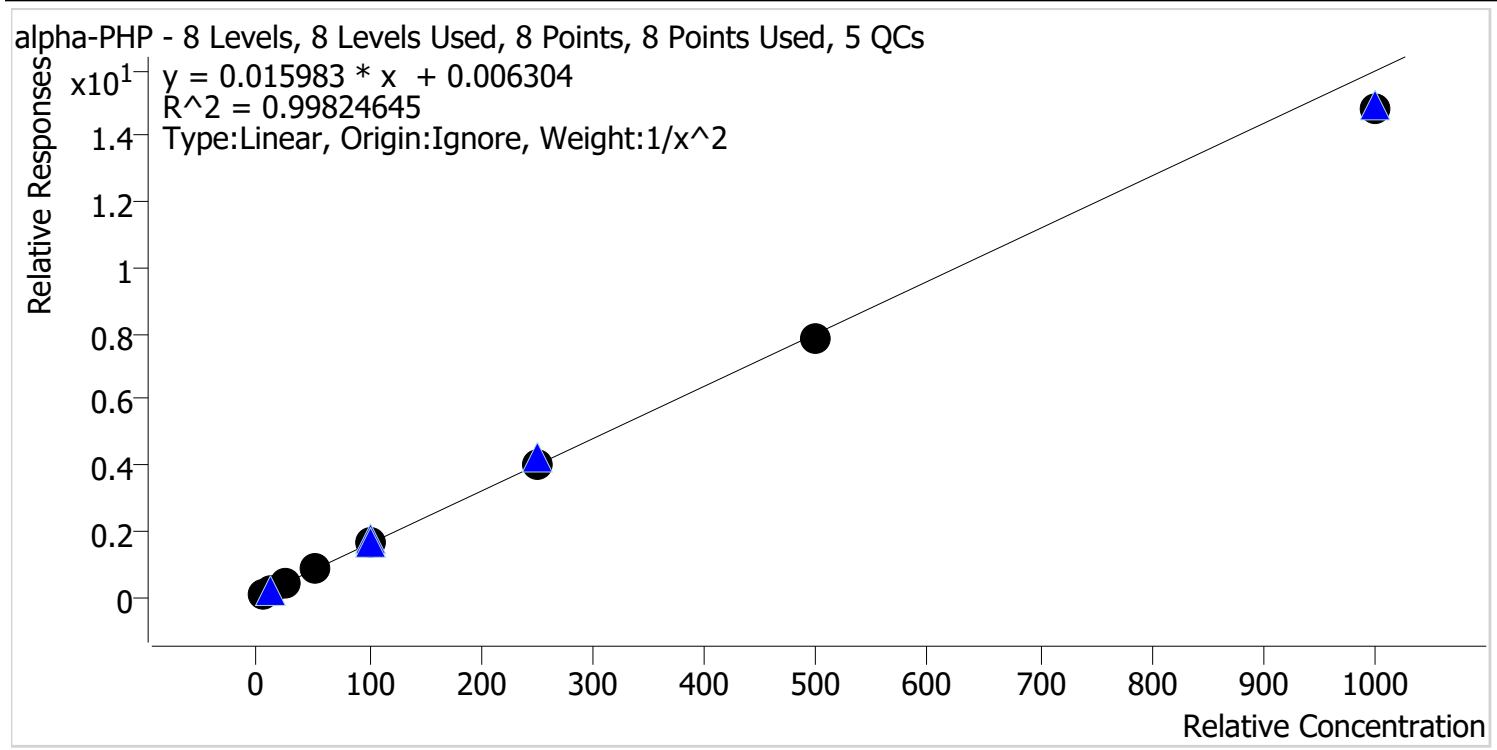


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	92.8
cal 2 mdqr	2	✓	10.0	11.5	114.8
cal 3 mdq	3	✓	25.0	24.7	99.0
cal 4 mdq	4	✓	50.0	50.7	101.5
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	225.8	90.3
cal 7 mdq	7	✓	500.0	494.7	98.9
cal 8 mdq	8	✓	1000.0	1028.2	102.8

Compound Calibration Report

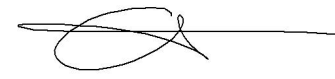


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

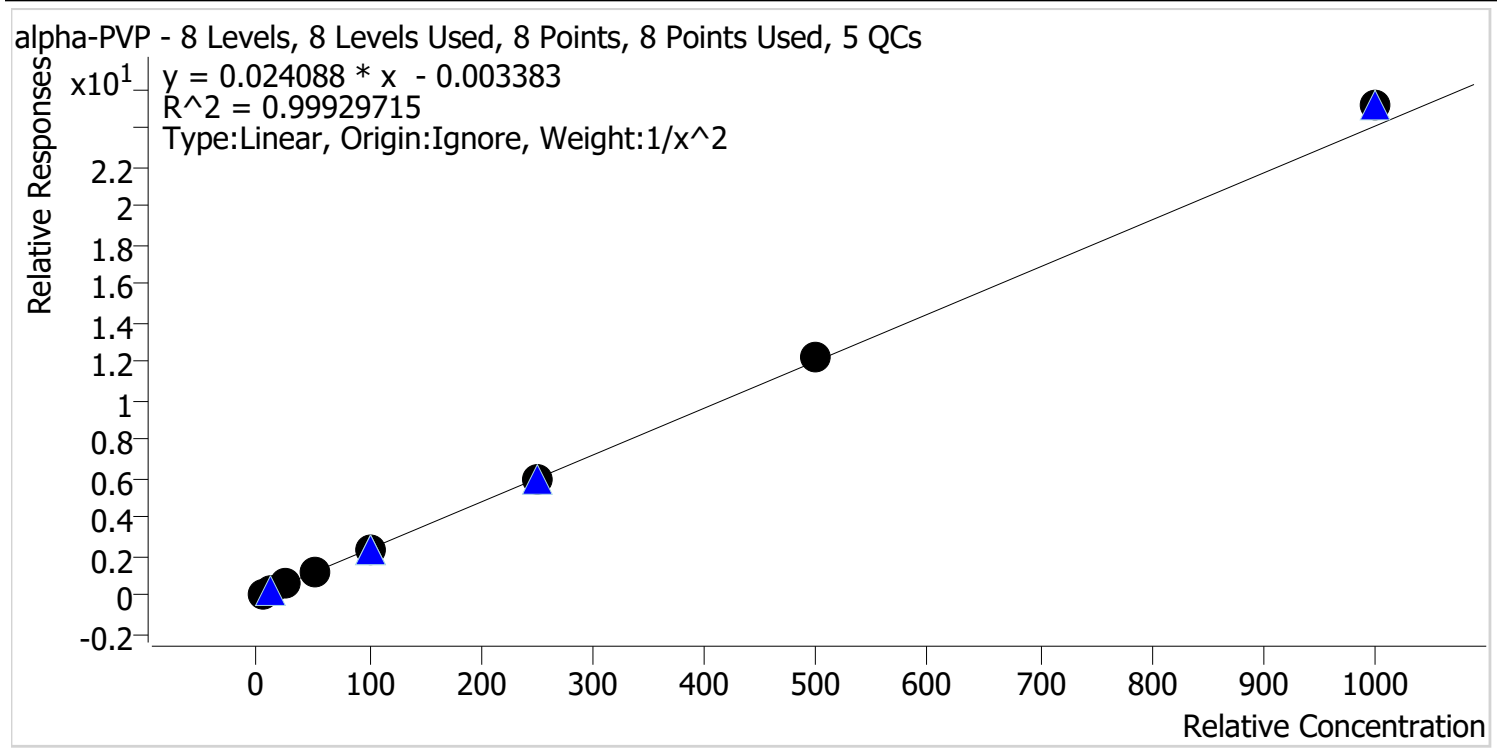


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdqr	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	51.7	103.5
cal 5 mdq	5	✓	100.0	103.2	103.2
cal 6 mdq	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	489.6	97.9
cal 8 mdq	8	✓	1000.0	925.5	92.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



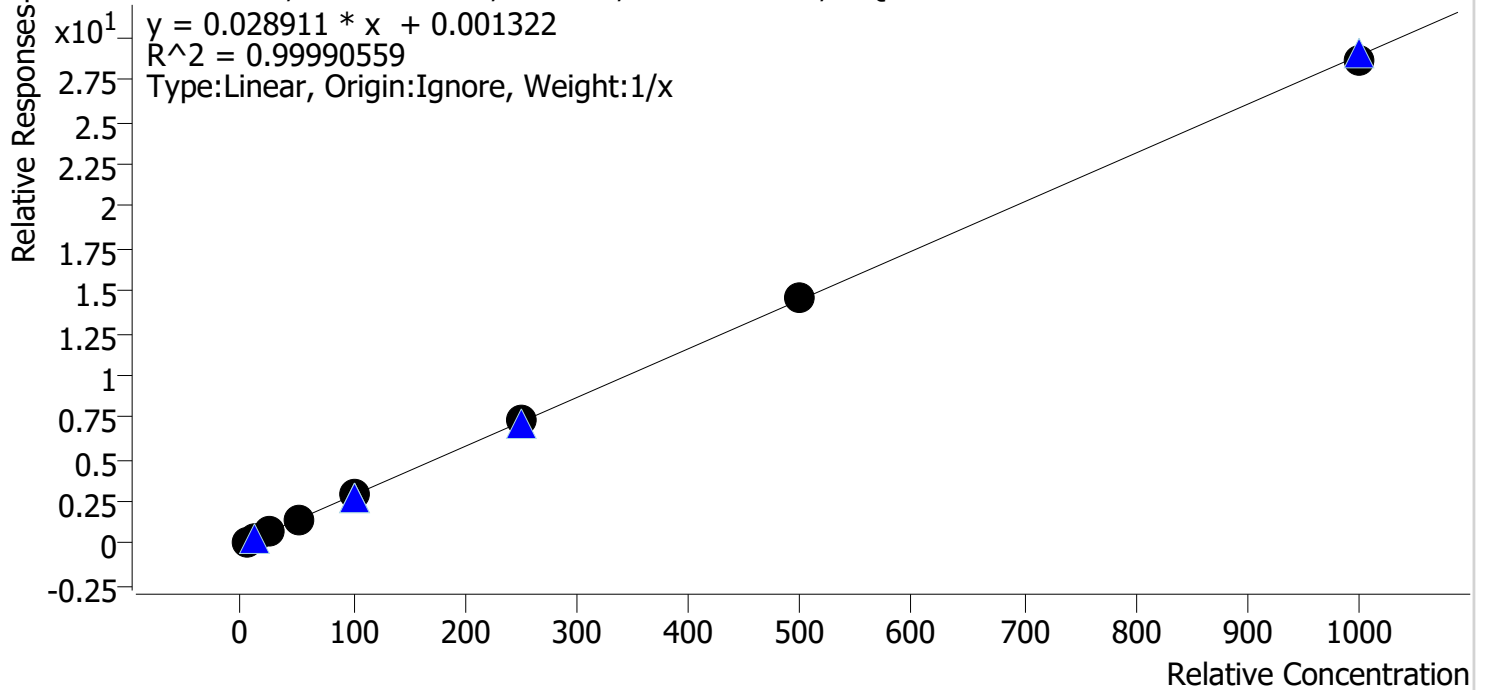
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdqr	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	509.2	101.8
cal 8 mdq	8	✓	1000.0	1043.5	104.3

Compound Calibration Report



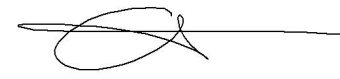
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



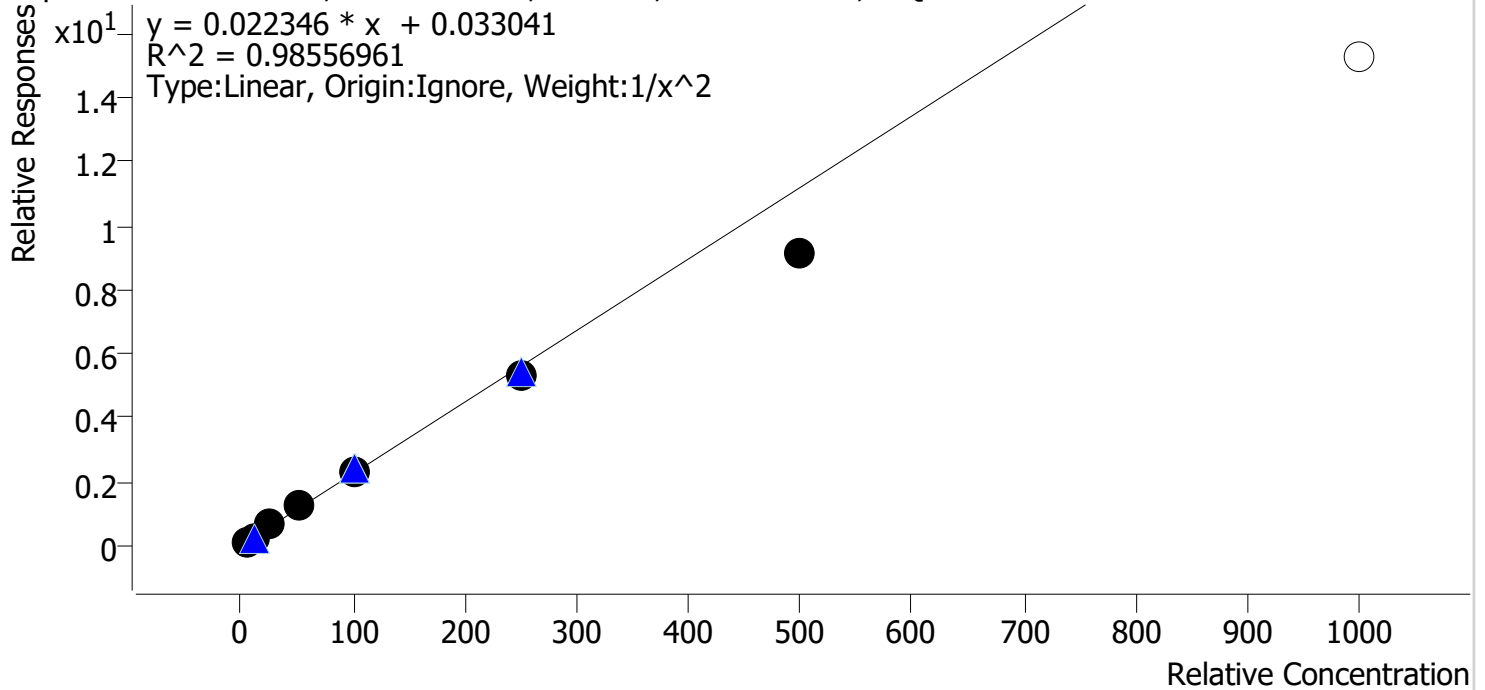
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdqr	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	254.2	101.7
cal 7 mdq	7	✓	500.0	503.1	100.6
cal 8 mdq	8	✓	1000.0	993.2	99.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

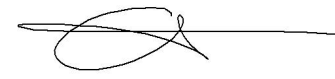
Amphetamine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.0
cal 2 mdqr	2	✓	10.0	10.6	106.3
cal 3 mdq	3	✓	25.0	27.4	109.7
cal 4 mdq	4	✓	50.0	55.0	109.9
cal 5 mdq	5	✓	100.0	103.2	103.2
cal 6 mdq	6	✓	250.0	236.9	94.8
cal 7 mdq	7	✓	500.0	410.3	82.1
cal 8 mdq	8	✗	1000.0	684.9	68.5

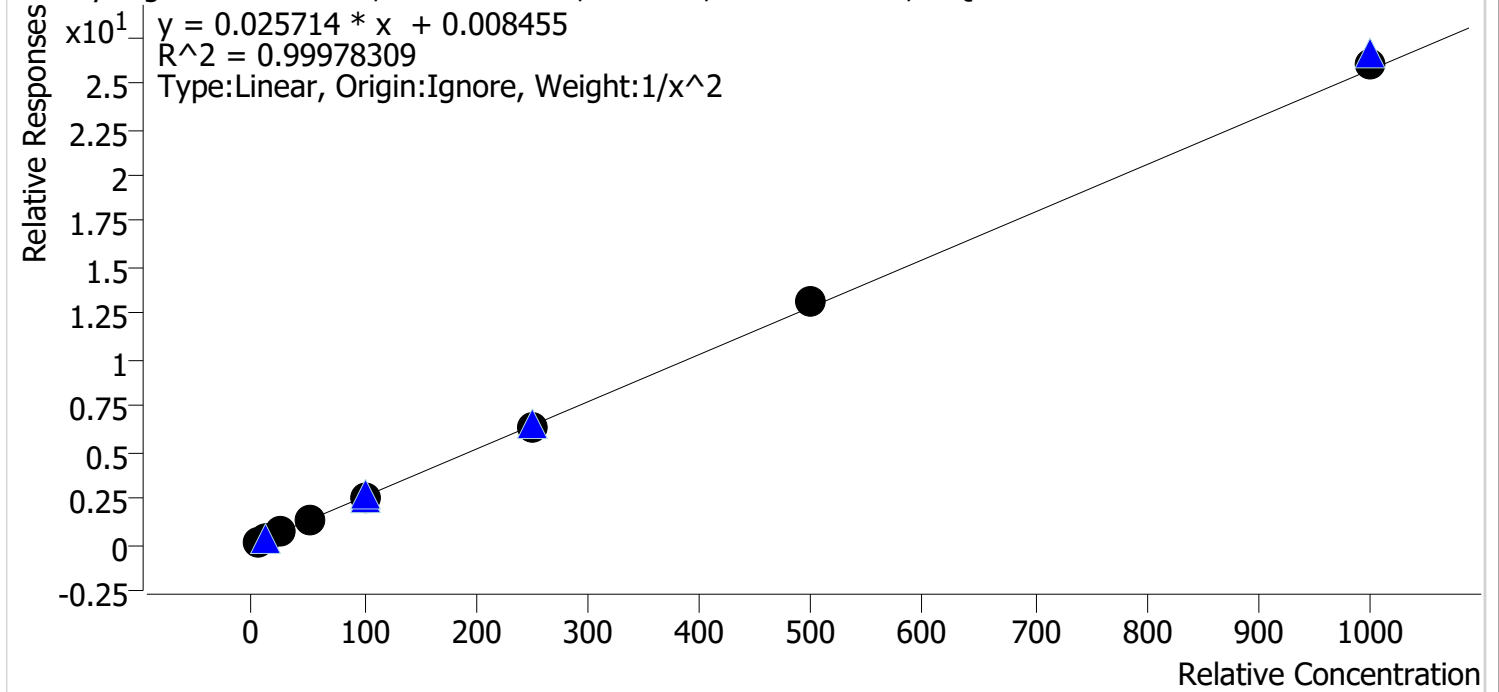
cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



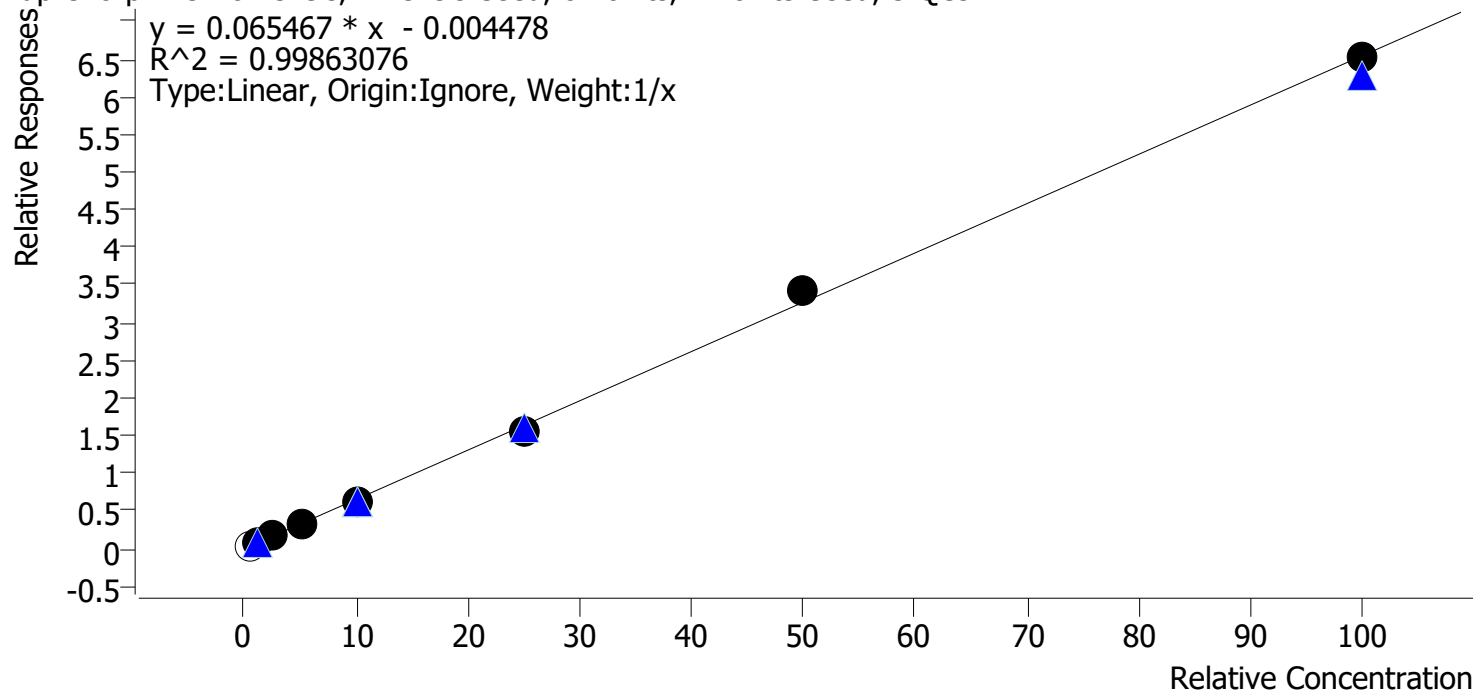
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdqr	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	246.0	98.4
cal 7 mdq	7	✓	500.0	509.5	101.9
cal 8 mdq	8	✓	1000.0	1014.4	101.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 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	0.5	0.6	119.0
cal 2 mdqr	2	✓	1.0	1.1	111.3
cal 3 mdq	3	✓	2.5	2.4	97.9
cal 4 mdq	4	✓	5.0	4.9	98.5
cal 5 mdq	5	✓	10.0	9.3	92.9
cal 6 mdq	6	✓	25.0	23.8	95.2
cal 7 mdq	7	✓	50.0	52.3	104.6
cal 8 mdq	8	✓	100.0	99.6	99.6

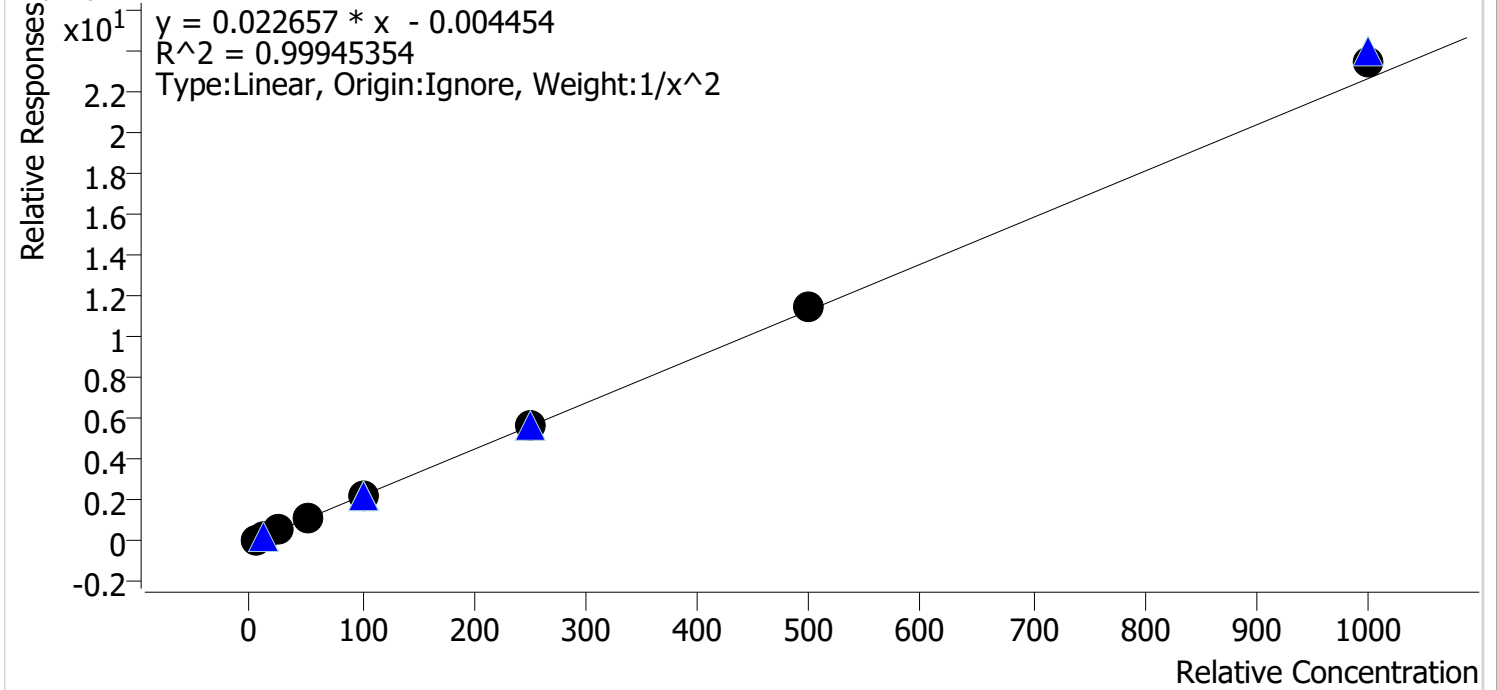
Cal 1 dropped due to ratios being out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 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	5.1	101.5
cal 2 mdqr	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	49.3	98.5
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	249.3	99.7
cal 7 mdq	7	✓	500.0	509.1	101.8
cal 8 mdq	8	✓	1000.0	1034.1	103.4

Compound Calibration Report

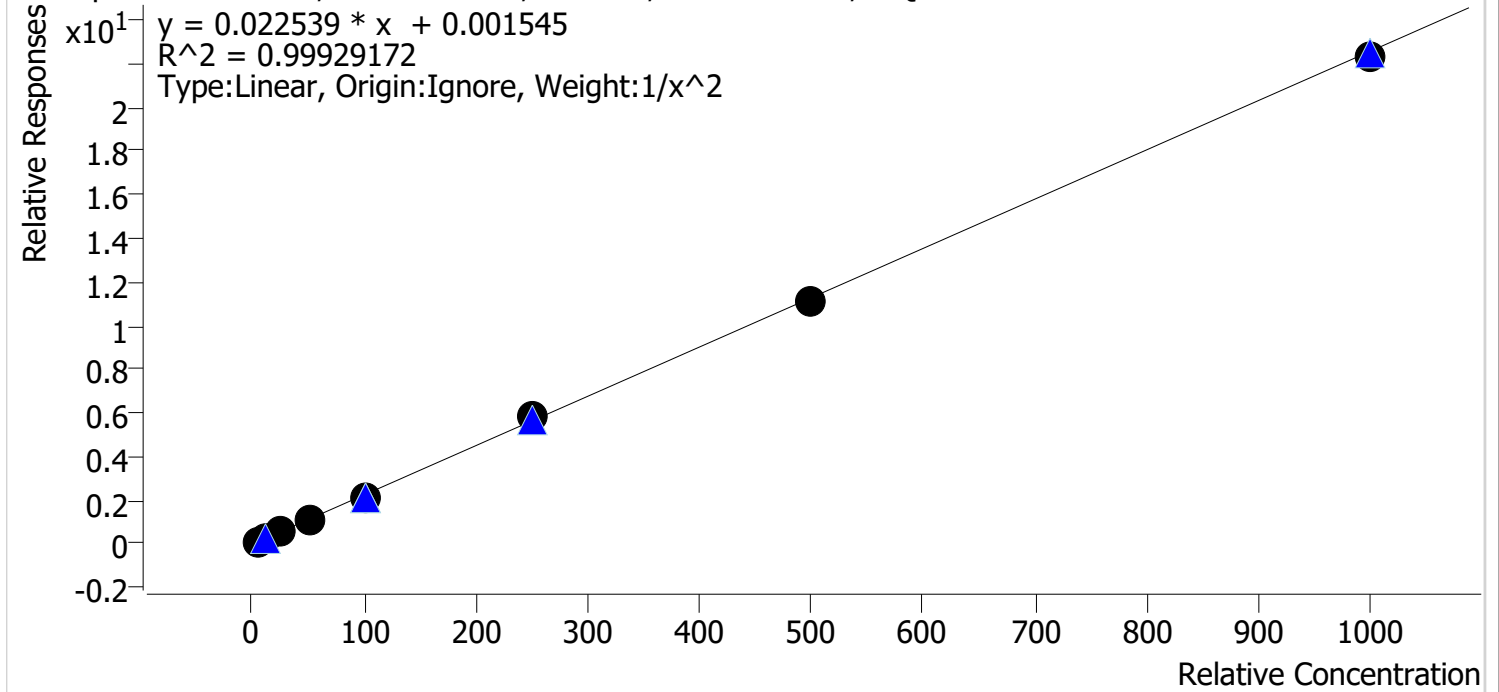


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

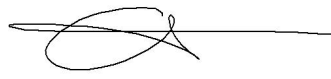
Carisoprodol-D7

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



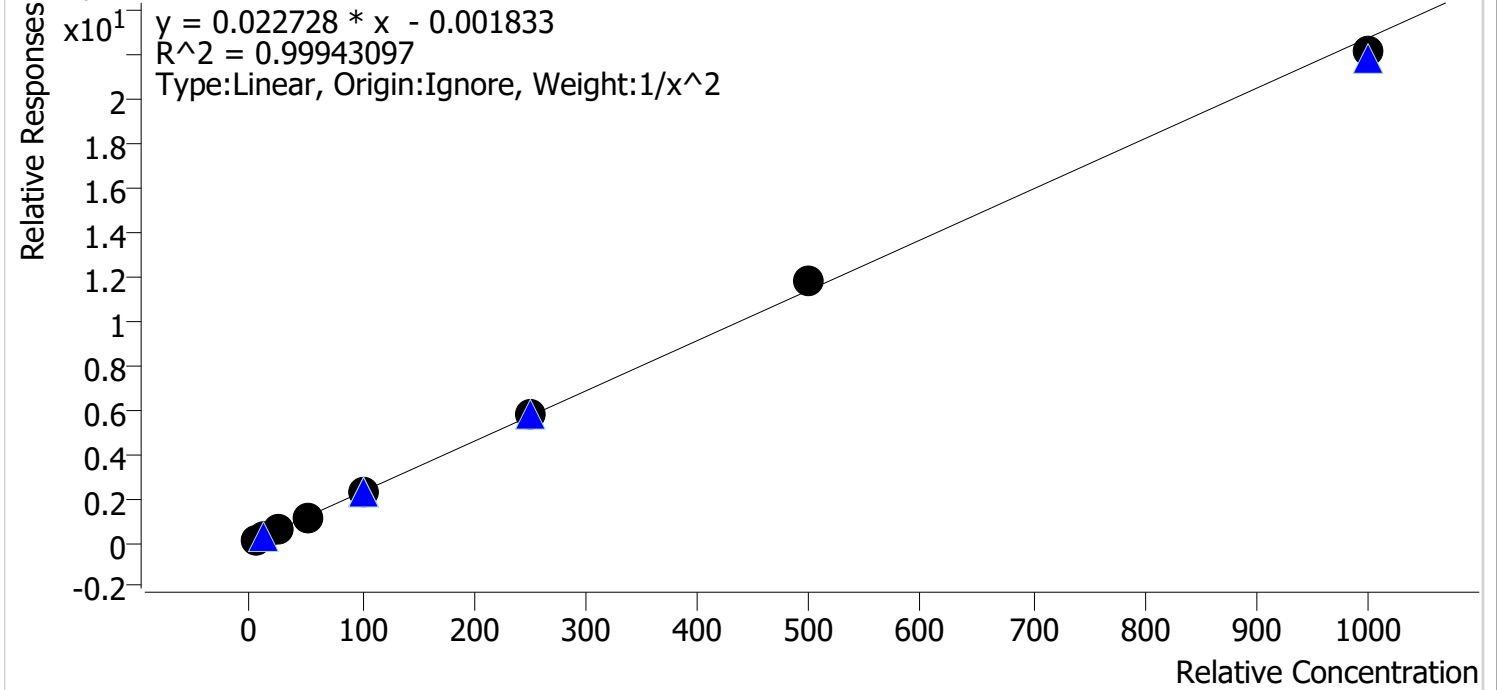
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdqr	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	51.0	101.9
cal 5 mdq	5	✓	100.0	96.5	96.5
cal 6 mdq	6	✓	250.0	257.4	102.9
cal 7 mdq	7	✓	500.0	493.0	98.6
cal 8 mdq	8	✓	1000.0	987.4	98.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 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	99.8
cal 2 mdqr	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	253.2	101.3
cal 7 mdq	7	✓	500.0	517.0	103.4
cal 8 mdq	8	✓	1000.0	972.8	97.3

Compound Calibration Report

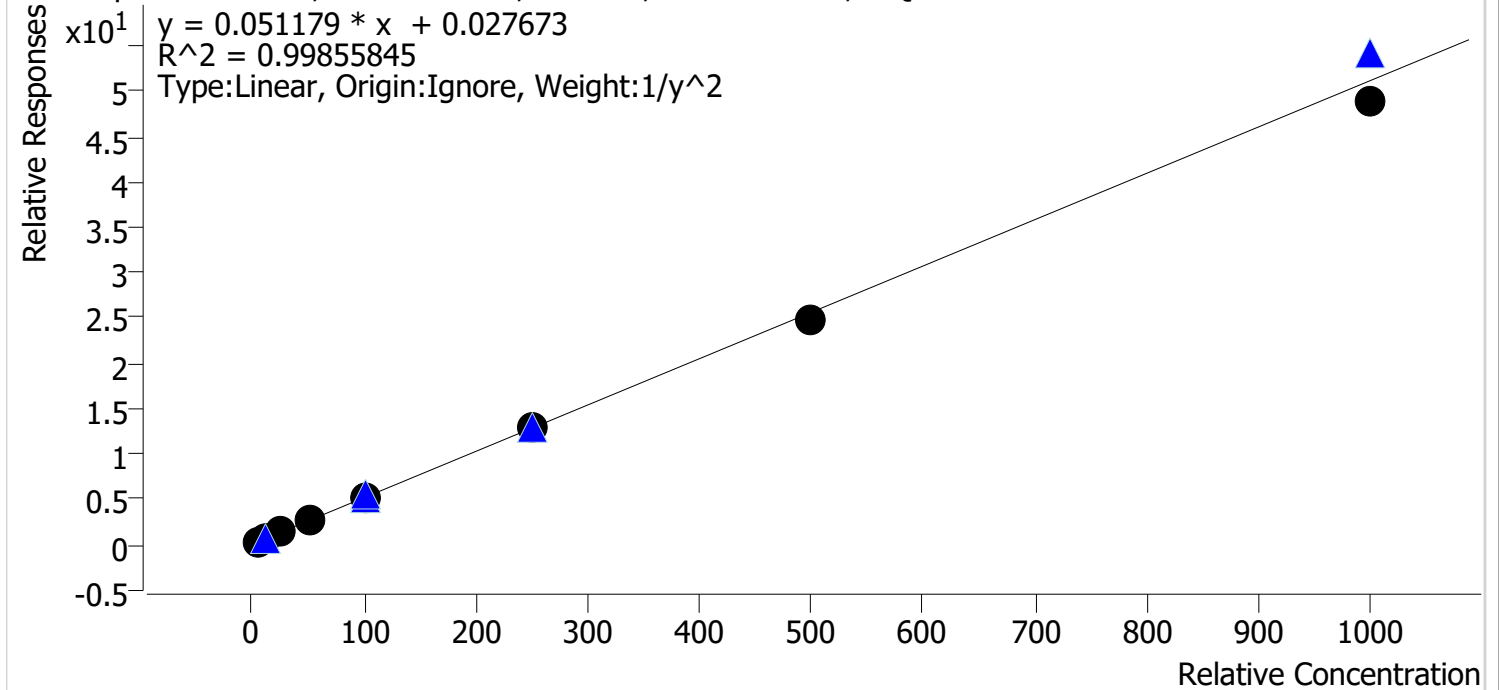


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

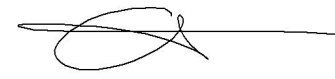
Clonazepam-D4

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	4.9	98.0
cal 2 mdqr	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	26.3	105.3
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	103.5	103.5
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	484.2	96.8
cal 8 mdq	8	✓	1000.0	953.8	95.4

Compound Calibration Report

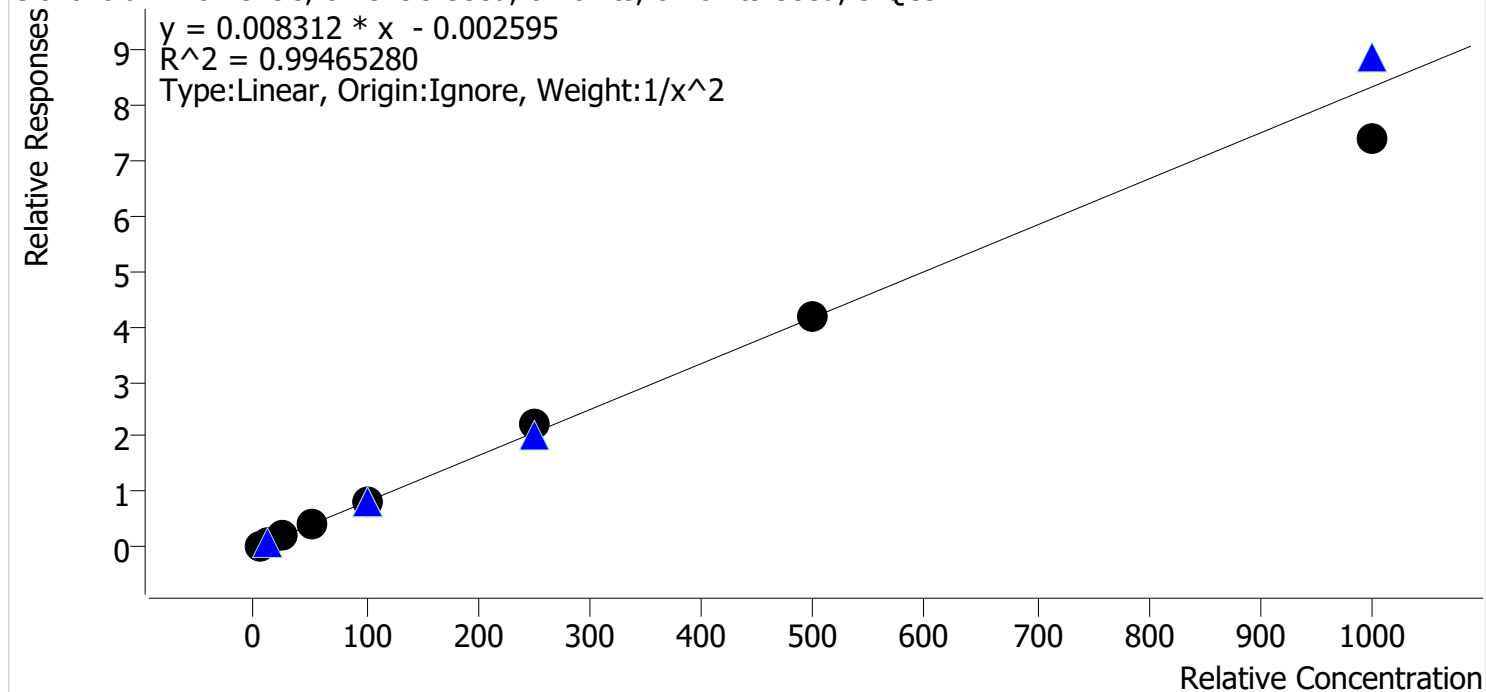


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Clonazolam

Internal Standard

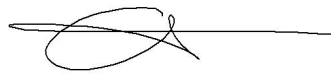
Temazepam-D5

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

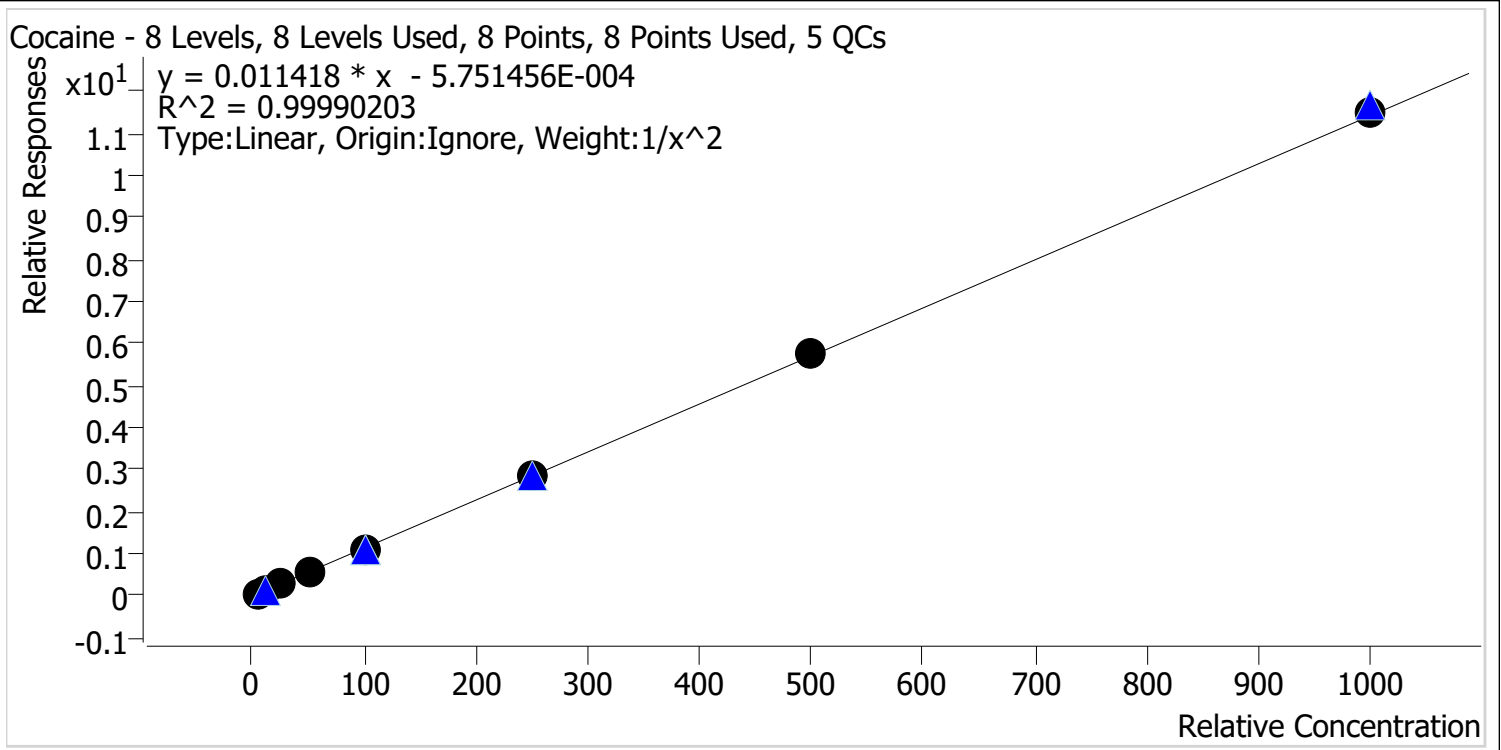


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdqr	2	✓	10.0	9.6	96.2
cal 3 mdq	3	✓	25.0	27.1	108.4
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	269.8	107.9
cal 7 mdq	7	✓	500.0	499.1	99.8
cal 8 mdq	8	✓	1000.0	886.3	88.6

Compound Calibration Report

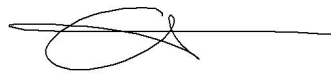


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



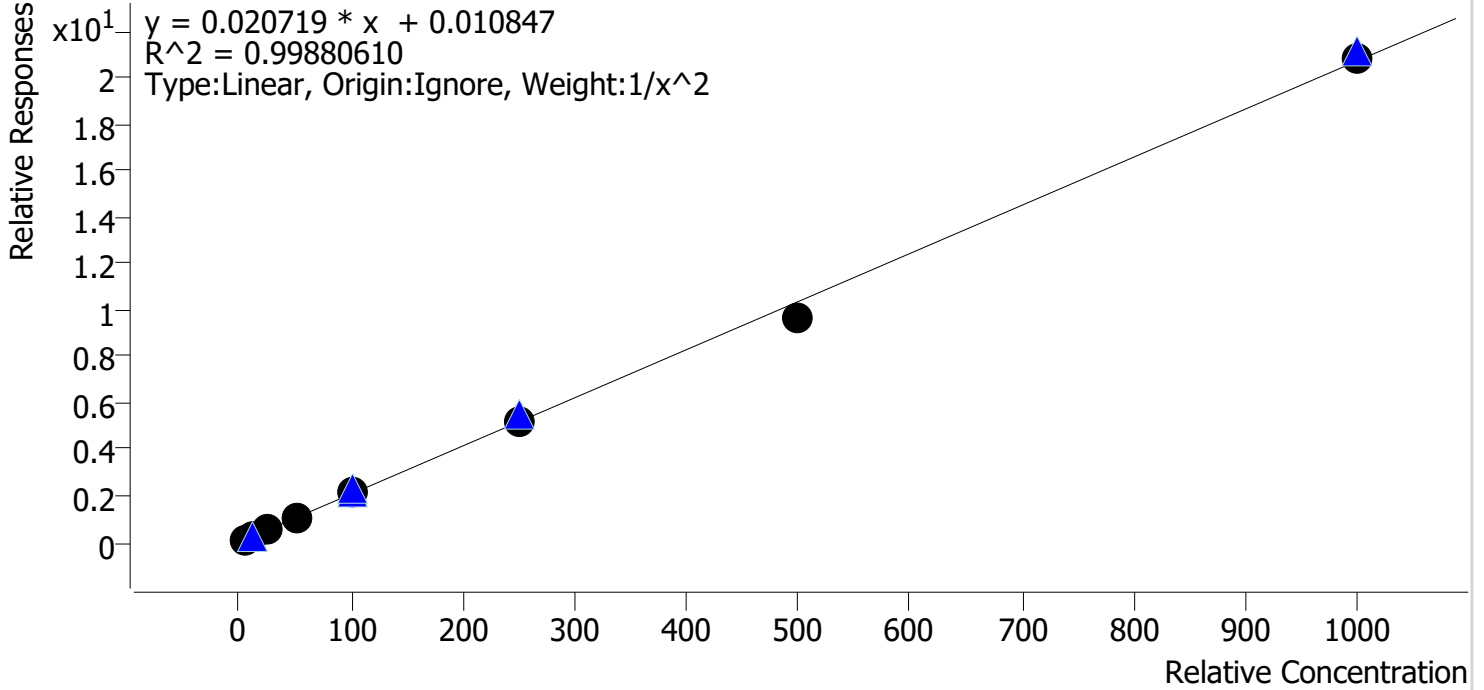
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdqr	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	49.9	99.9
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	250.9	100.4
cal 7 mdq	7	✓	500.0	507.1	101.4
cal 8 mdq	8	✓	1000.0	1004.3	100.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



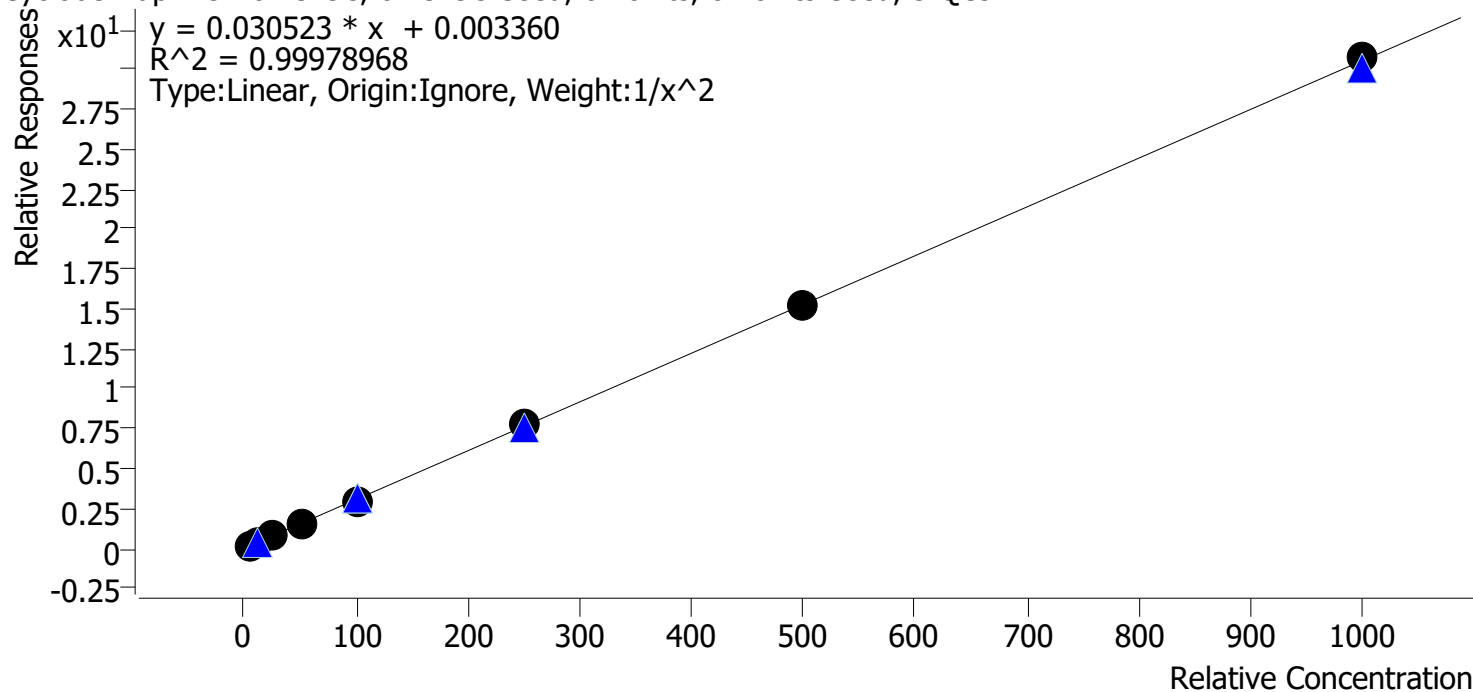
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdqr	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	26.0	104.0
cal 4 mdq	4	✓	50.0	50.9	101.7
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	250.4	100.2
cal 7 mdq	7	✓	500.0	468.2	93.6
cal 8 mdq	8	✓	1000.0	1008.1	100.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



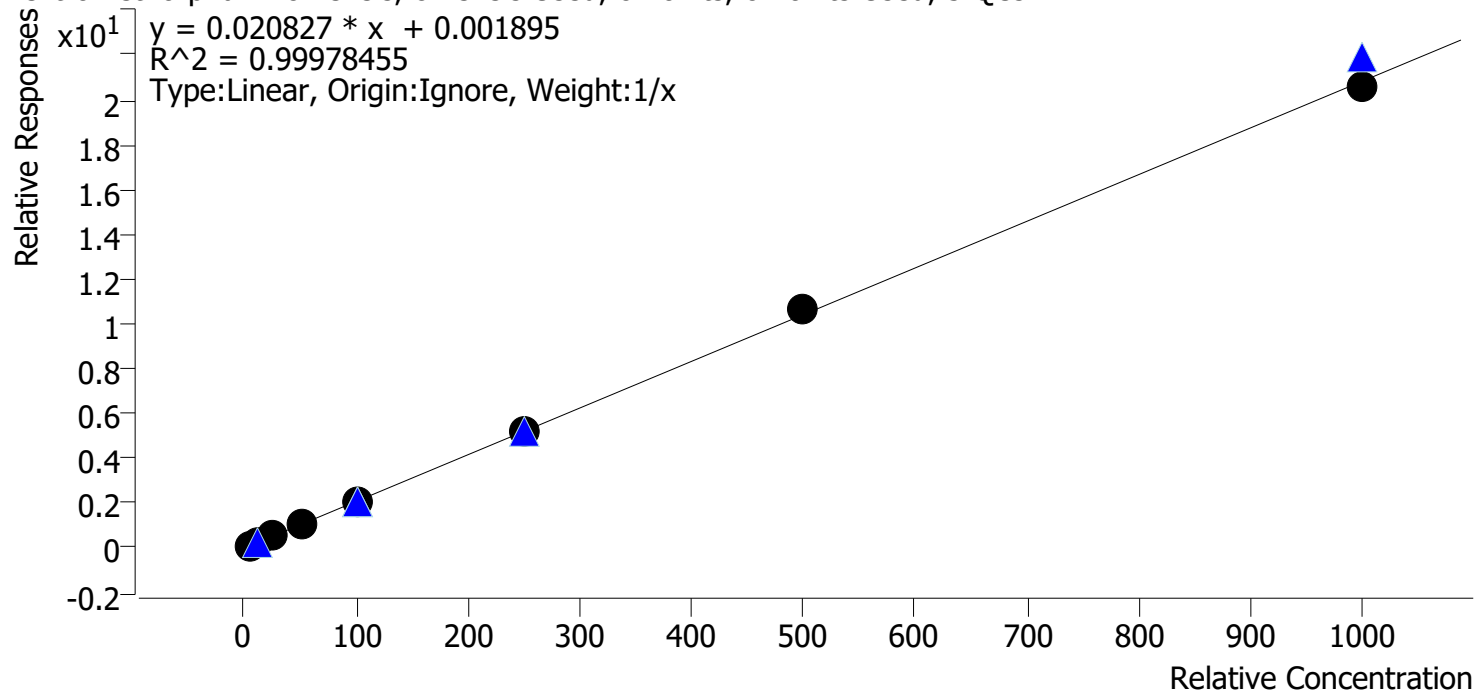
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdqr	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	50.5	100.9
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	254.4	101.8
cal 7 mdq	7	✓	500.0	498.3	99.7
cal 8 mdq	8	✓	1000.0	1006.4	100.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



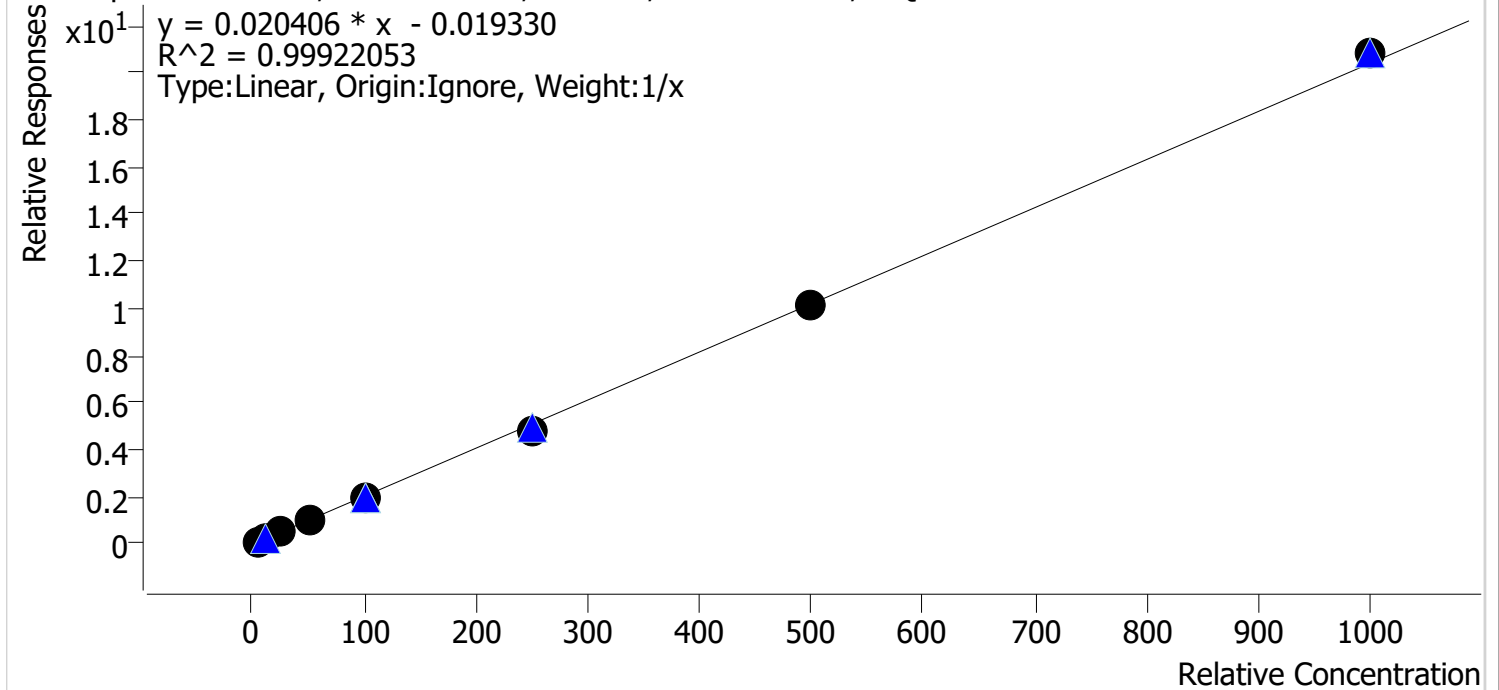
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.2
cal 2 mdqr	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	48.2	96.5
cal 5 mdq	5	✓	100.0	99.5	99.5
cal 6 mdq	6	✓	250.0	253.3	101.3
cal 7 mdq	7	✓	500.0	509.1	101.8
cal 8 mdq	8	✓	1000.0	990.0	99.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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

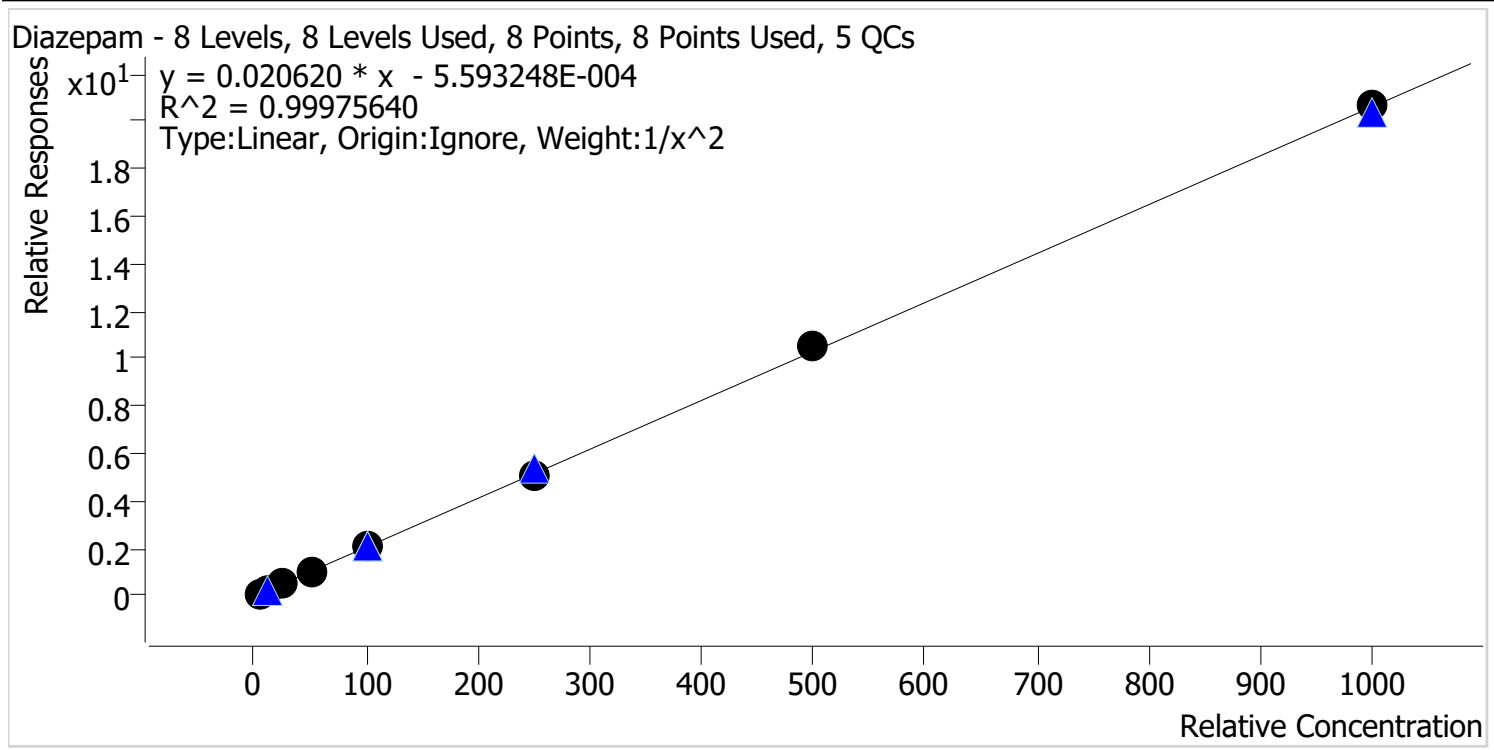


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.6	111.5
cal 2 mdqr	2	✓	10.0	10.4	104.1
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	47.9	95.8
cal 5 mdq	5	✓	100.0	94.7	94.7
cal 6 mdq	6	✓	250.0	239.0	95.6
cal 7 mdq	7	✓	500.0	498.0	99.6
cal 8 mdq	8	✓	1000.0	1020.2	102.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

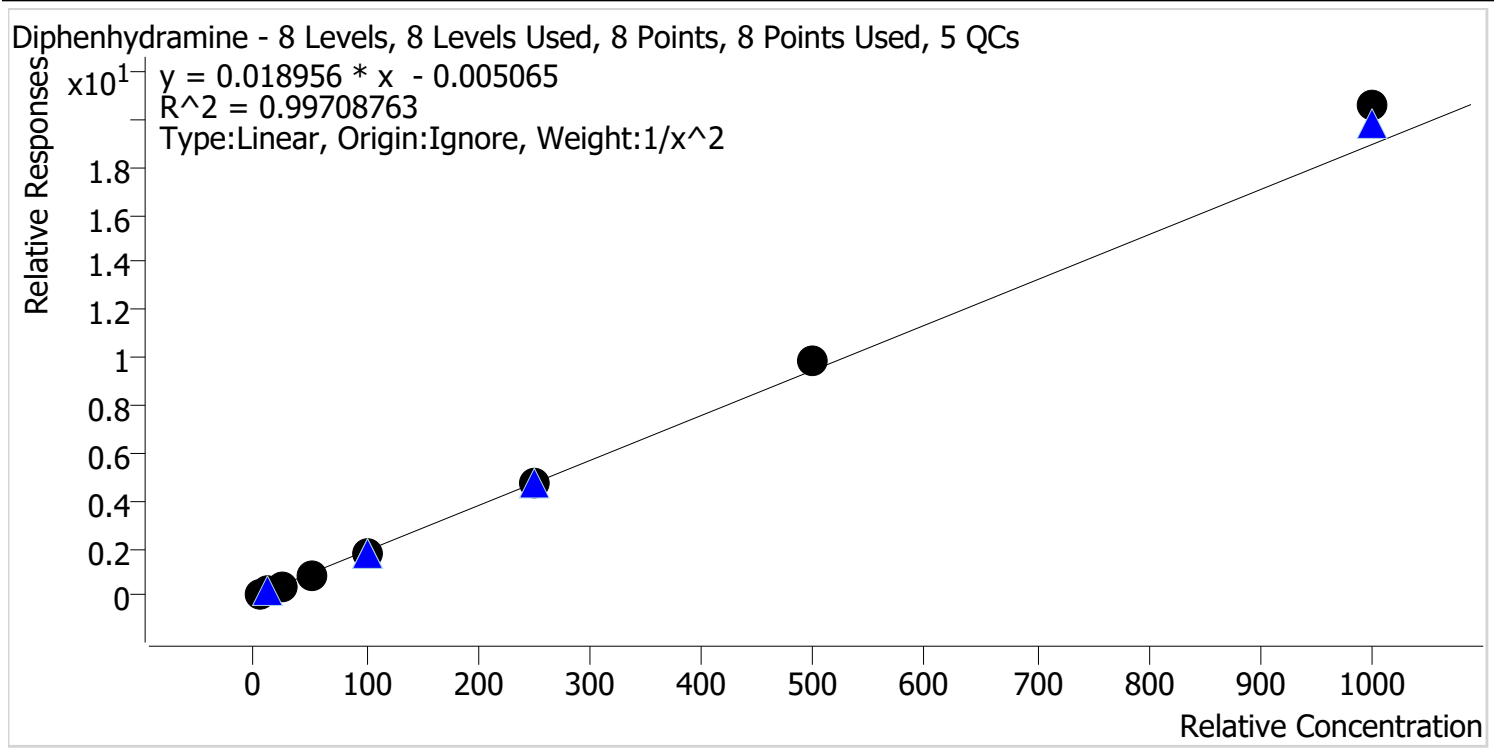


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdqr	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	247.9	99.2
cal 7 mdq	7	✓	500.0	514.7	102.9
cal 8 mdq	8	✓	1000.0	1002.5	100.3

Compound Calibration Report

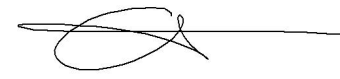


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



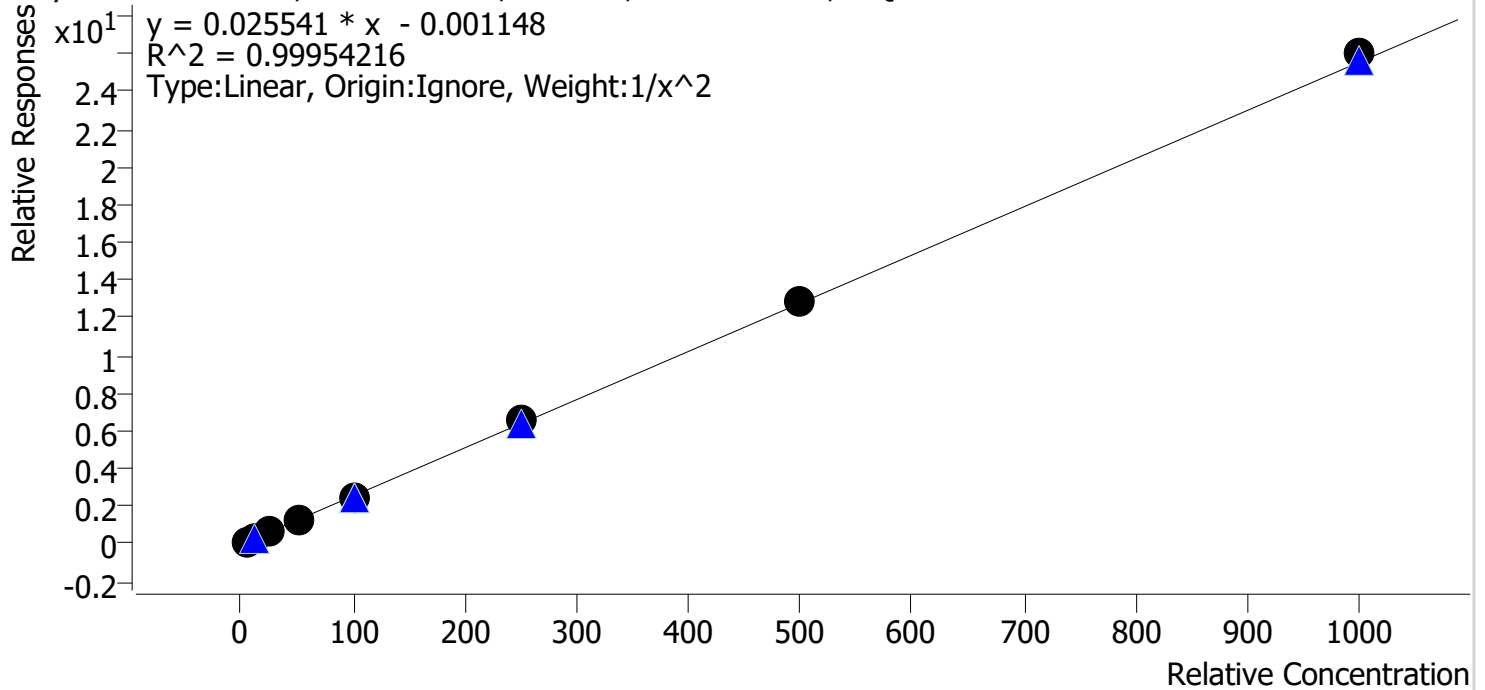
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.7
cal 2 mdqr	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	23.8	95.4
cal 4 mdq	4	✓	50.0	47.7	95.3
cal 5 mdq	5	✓	100.0	96.6	96.6
cal 6 mdq	6	✓	250.0	250.9	100.3
cal 7 mdq	7	✓	500.0	517.3	103.5
cal 8 mdq	8	✓	1000.0	1086.1	108.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



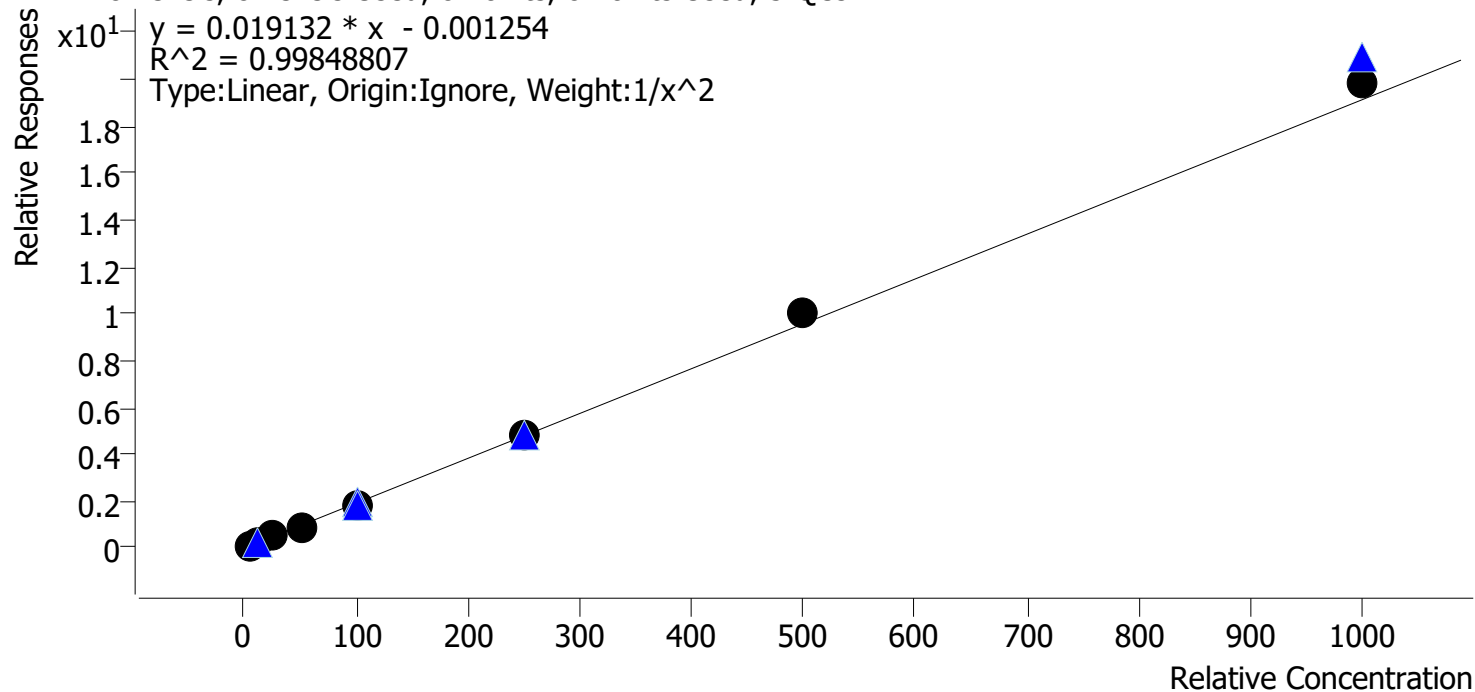
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdqr	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	255.9	102.4
cal 7 mdq	7	✓	500.0	505.1	101.0
cal 8 mdq	8	✓	1000.0	1017.9	101.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



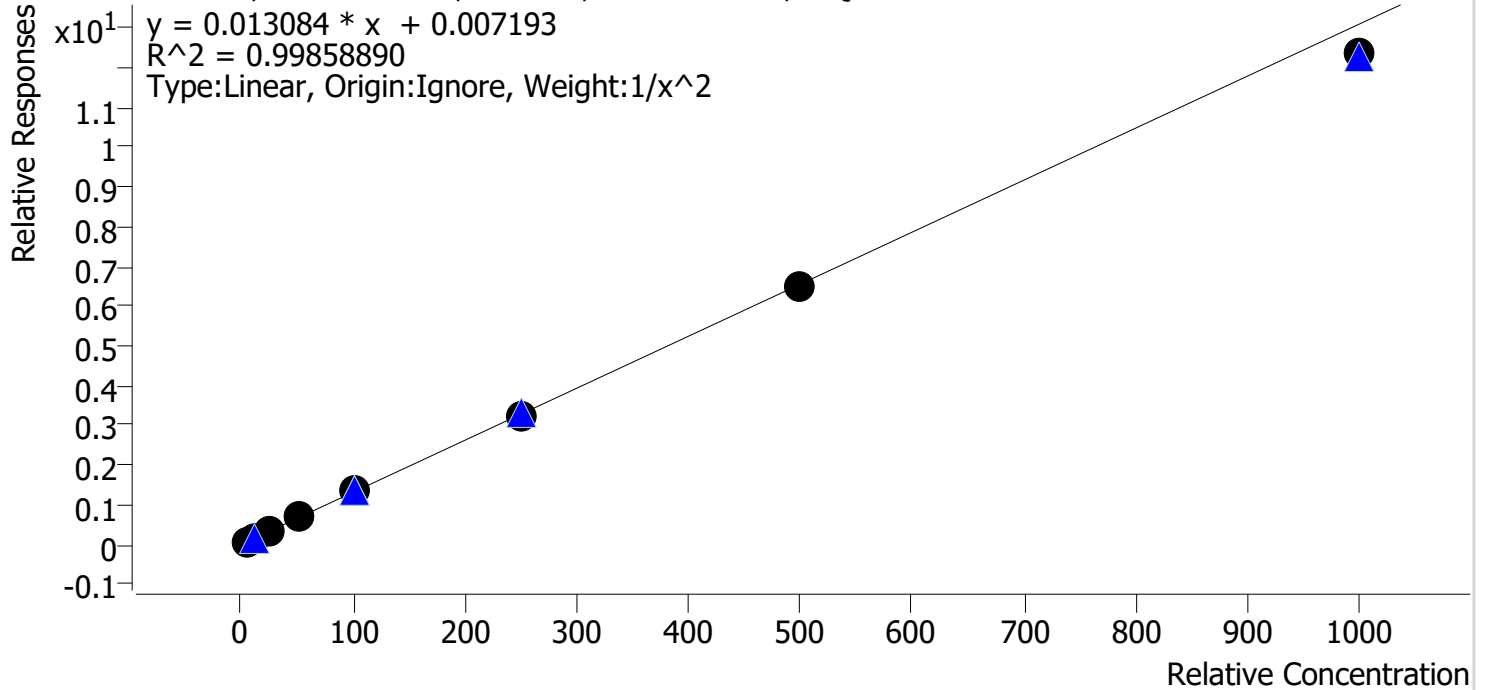
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdqr	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	47.4	94.7
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	526.0	105.2
cal 8 mdq	8	✓	1000.0	1038.4	103.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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

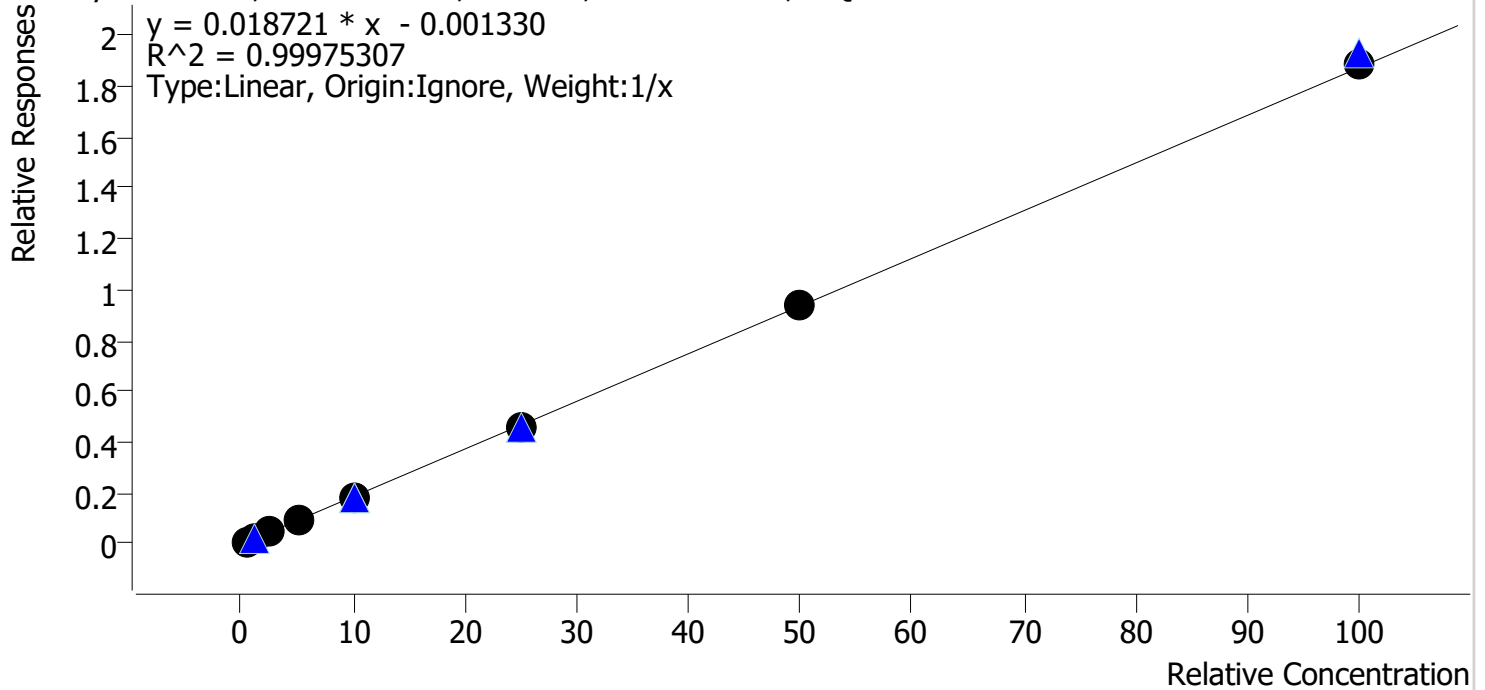


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.3
cal 2 mdqr	2	✓	10.0	10.3	103.5
cal 3 mdq	3	✓	25.0	25.8	103.1
cal 4 mdq	4	✓	50.0	51.7	103.3
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	492.7	98.5
cal 8 mdq	8	✓	1000.0	943.3	94.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



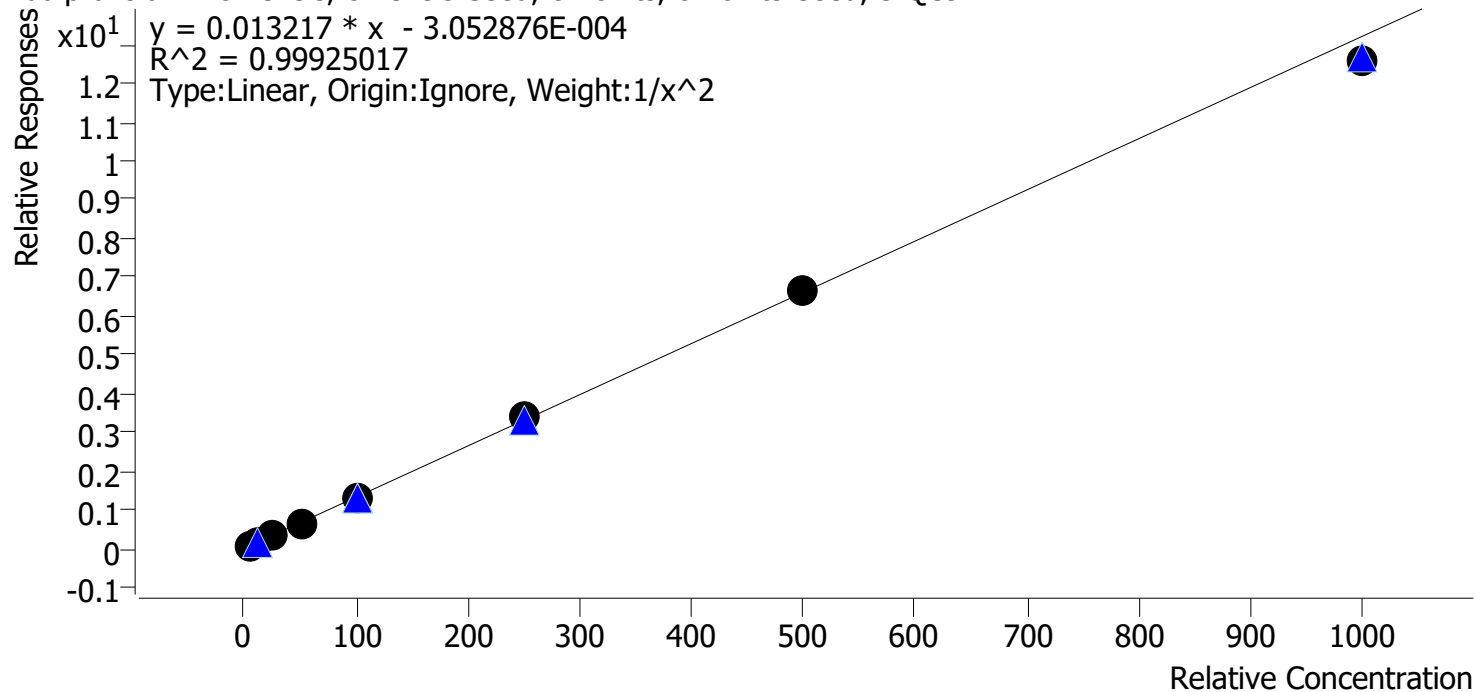
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	109.1
cal 2 mdqr	2	✓	1.0	1.0	102.8
cal 3 mdq	3	✓	2.5	2.4	95.4
cal 4 mdq	4	✓	5.0	4.9	97.3
cal 5 mdq	5	✓	10.0	9.6	95.7
cal 6 mdq	6	✓	25.0	24.7	99.0
cal 7 mdq	7	✓	50.0	49.9	99.9
cal 8 mdq	8	✓	100.0	100.9	100.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



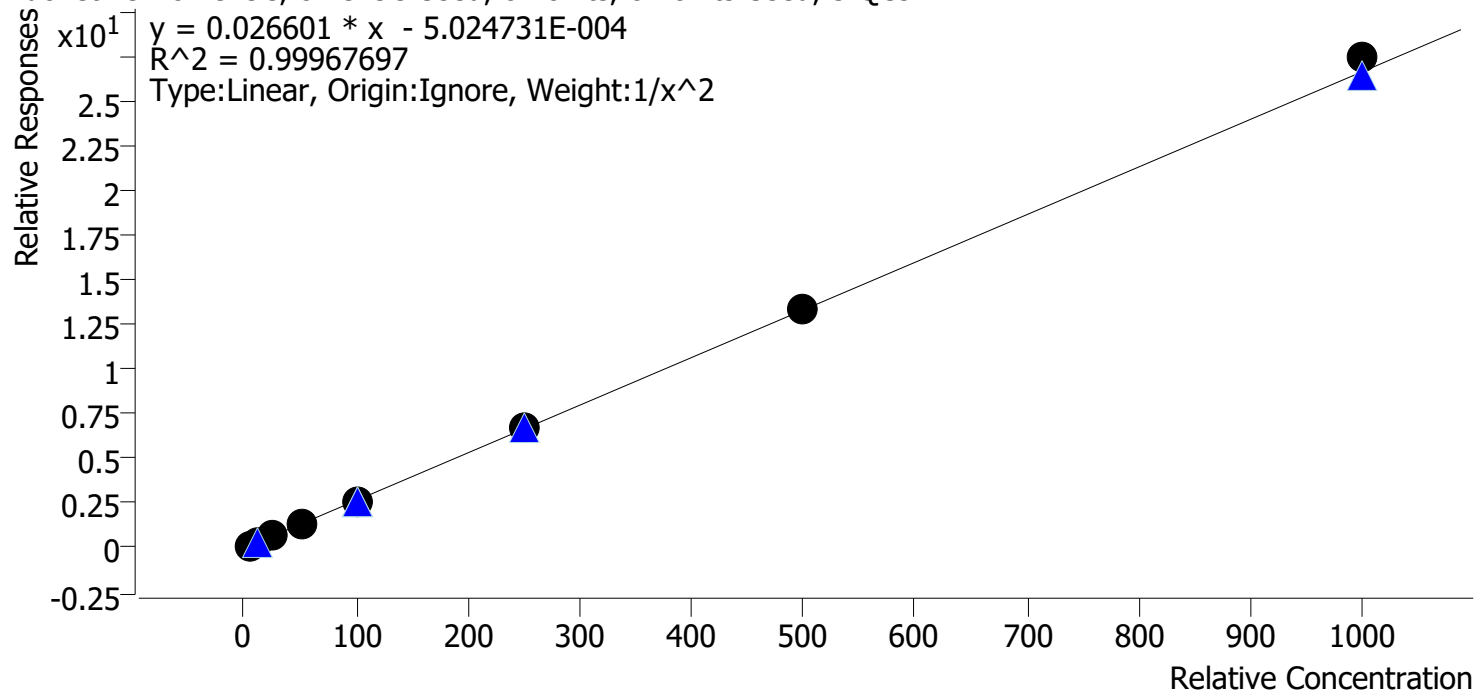
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdqr	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	50.7	101.3
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	256.6	102.6
cal 7 mdq	7	✓	500.0	501.8	100.4
cal 8 mdq	8	✓	1000.0	951.5	95.1

Compound Calibration Report



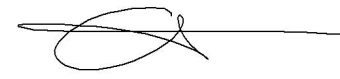
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



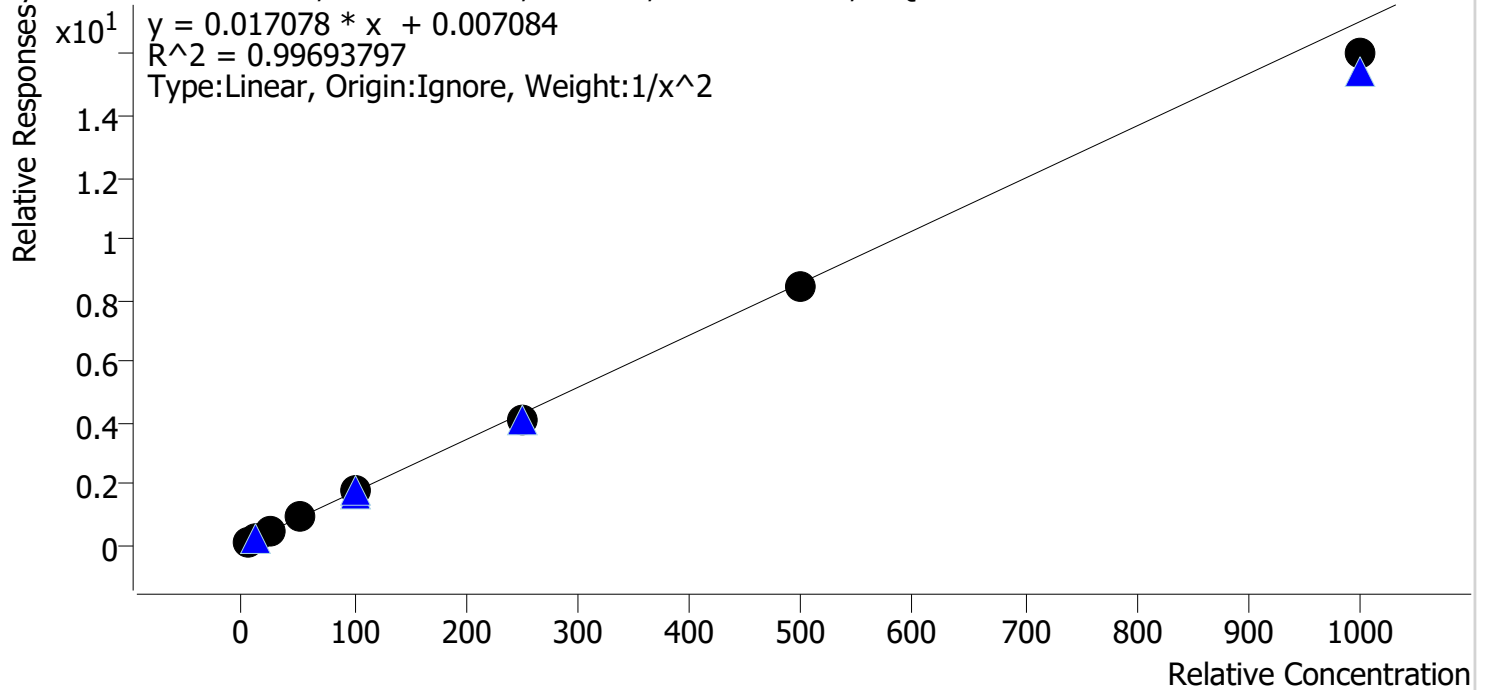
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdqr	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	24.7	99.0
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	501.7	100.3
cal 8 mdq	8	✓	1000.0	1029.7	103.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



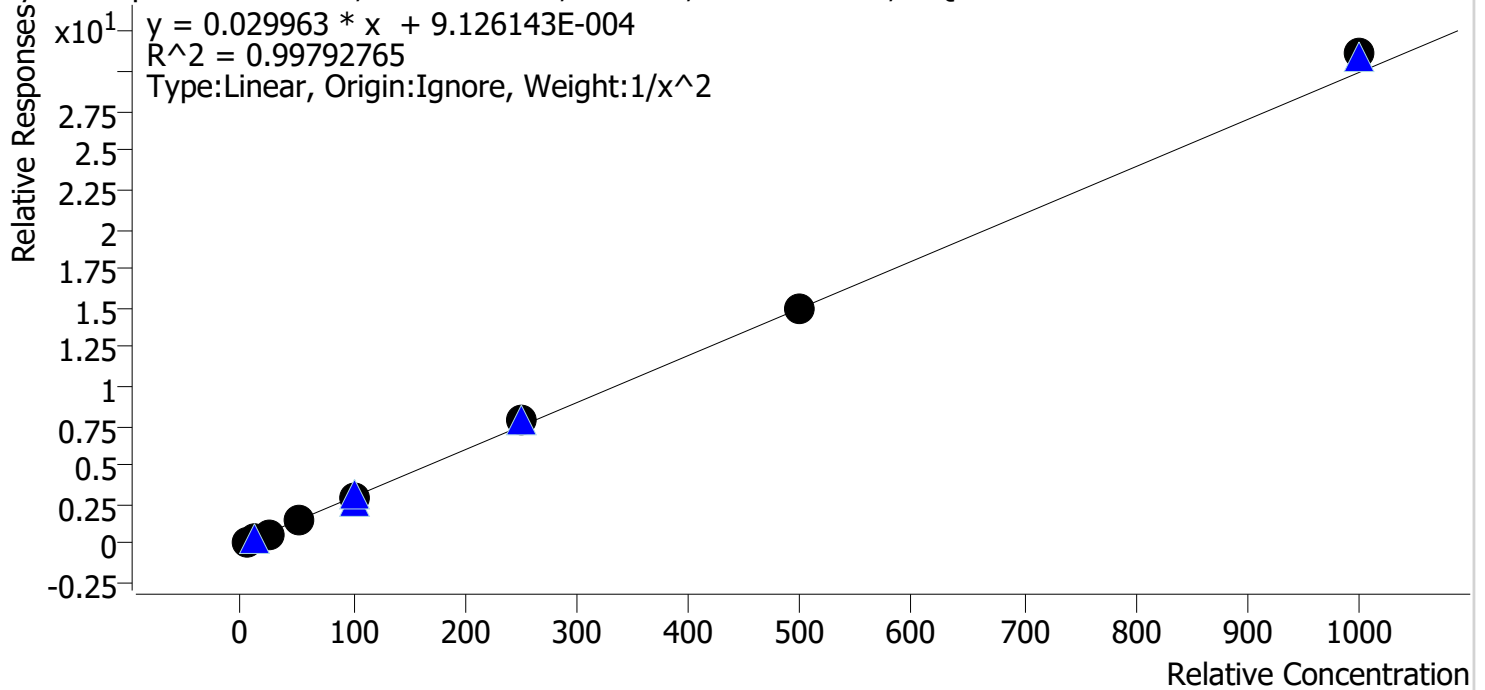
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.1
cal 2 mdqr	2	✓	10.0	10.4	104.3
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	54.0	107.9
cal 5 mdq	5	✓	100.0	103.4	103.4
cal 6 mdq	6	✓	250.0	238.6	95.4
cal 7 mdq	7	✓	500.0	492.2	98.4
cal 8 mdq	8	✓	1000.0	938.6	93.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



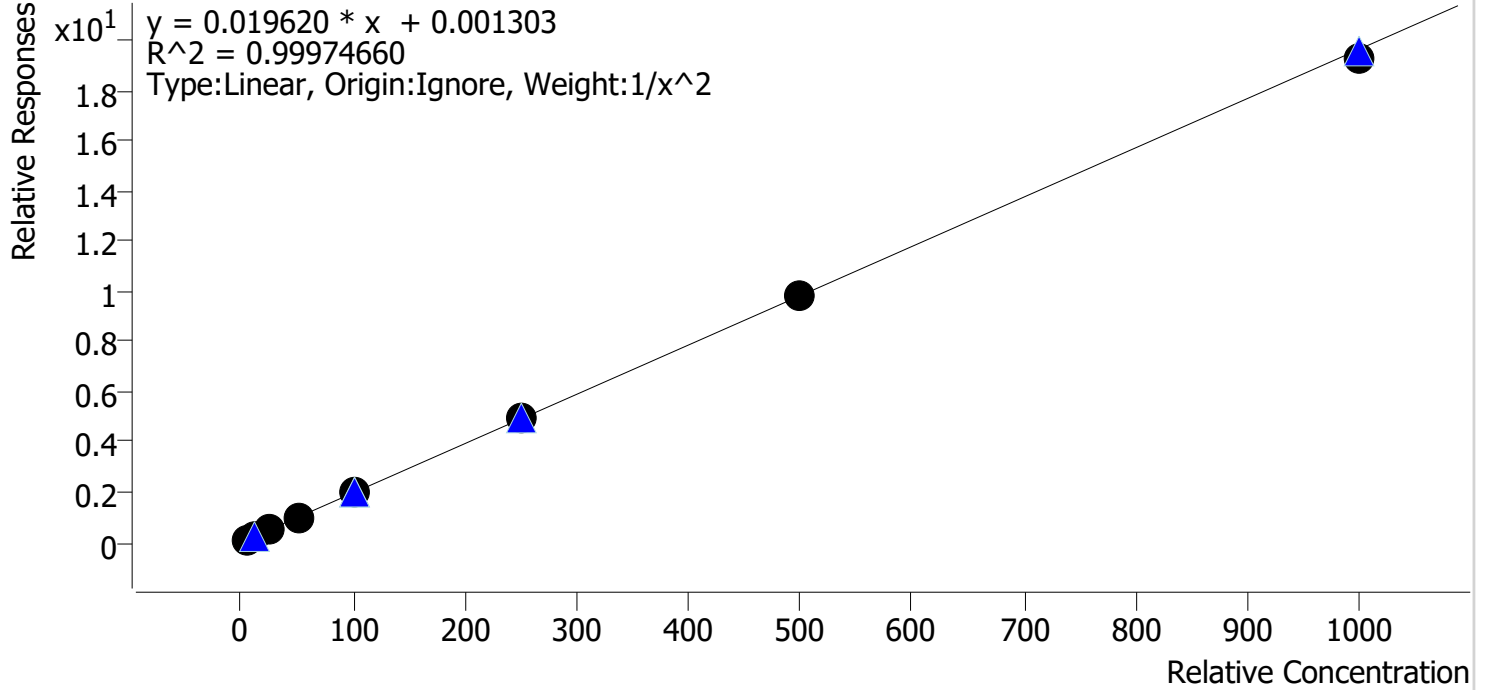
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.9
cal 2 mdqr	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	23.5	93.9
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	96.5	96.5
cal 6 mdq	6	✓	250.0	259.9	104.0
cal 7 mdq	7	✓	500.0	500.7	100.1
cal 8 mdq	8	✓	1000.0	1039.9	104.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



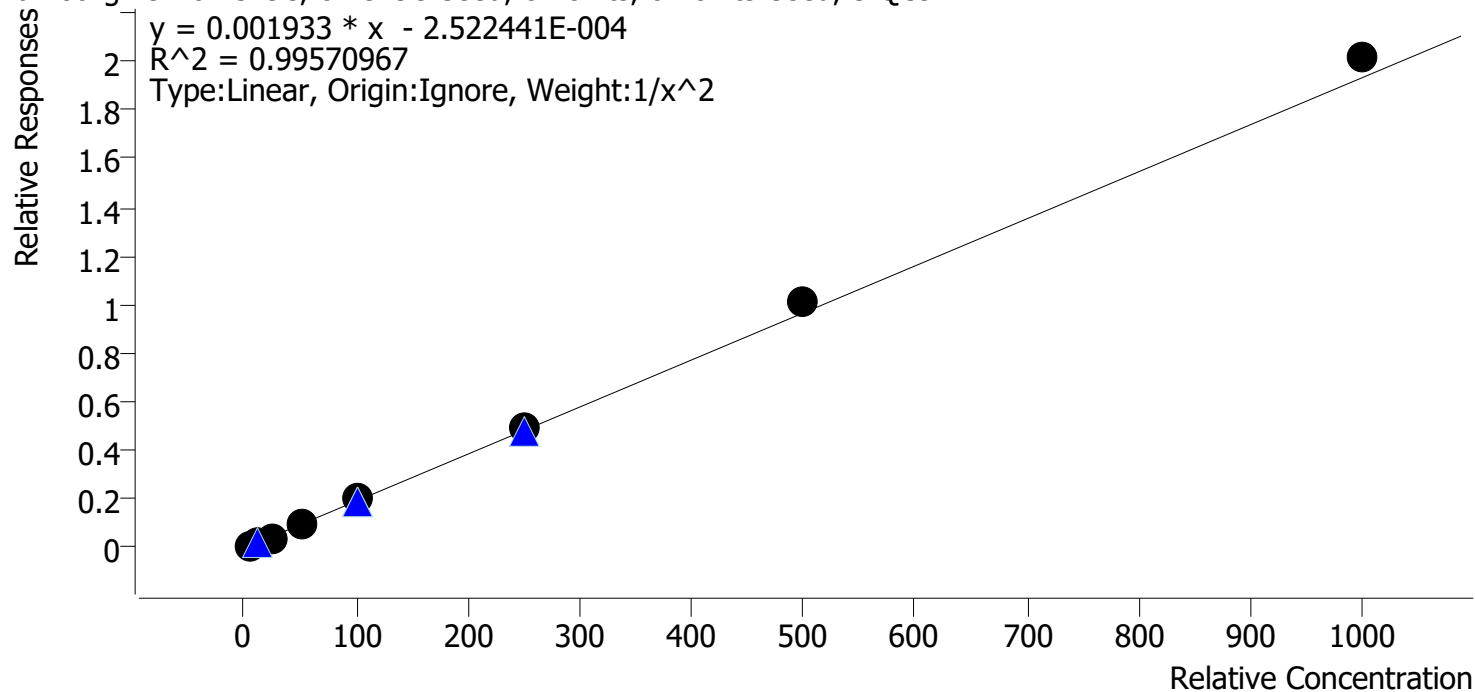
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdqr	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	25.6	102.3
cal 4 mdq	4	✓	50.0	49.8	99.5
cal 5 mdq	5	✓	100.0	99.5	99.5
cal 6 mdq	6	✓	250.0	253.2	101.3
cal 7 mdq	7	✓	500.0	497.5	99.5
cal 8 mdq	8	✓	1000.0	979.1	97.9

Compound Calibration Report



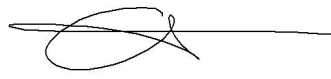
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

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

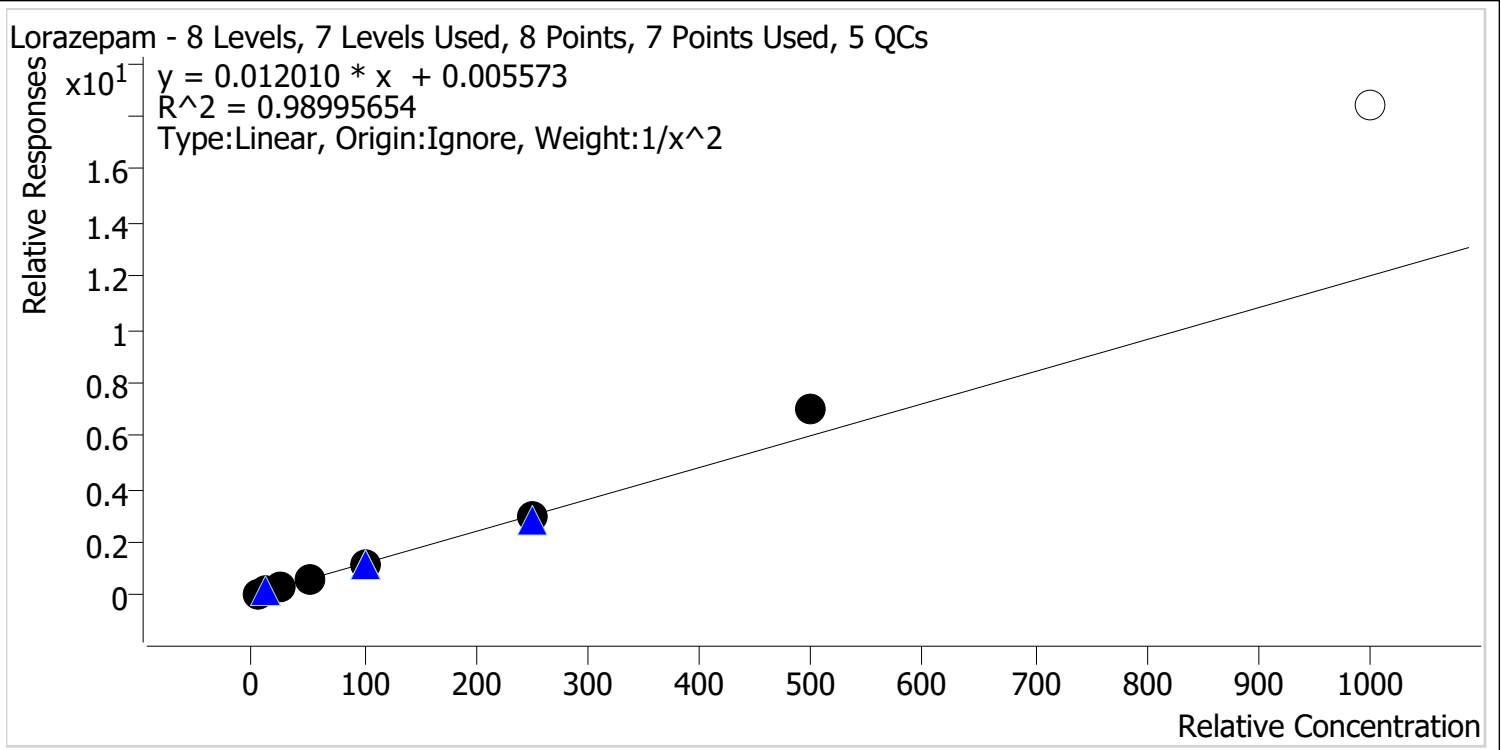


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.9
cal 2 mdqr	2	✓	10.0	9.4	94.3
cal 3 mdq	3	✓	25.0	22.7	90.9
cal 4 mdq	4	✓	50.0	47.5	95.0
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	253.9	101.5
cal 7 mdq	7	✓	500.0	526.6	105.3
cal 8 mdq	8	✓	1000.0	1042.7	104.3

Compound Calibration Report



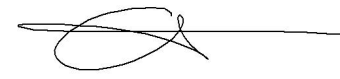
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdqr	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	47.1	94.1
cal 5 mdq	5	✓	100.0	90.6	90.6
cal 6 mdq	6	✓	250.0	250.7	100.3
cal 7 mdq	7	✓	500.0	585.9	117.2
cal 8 mdq	8	x	1000.0	1532.5	153.2

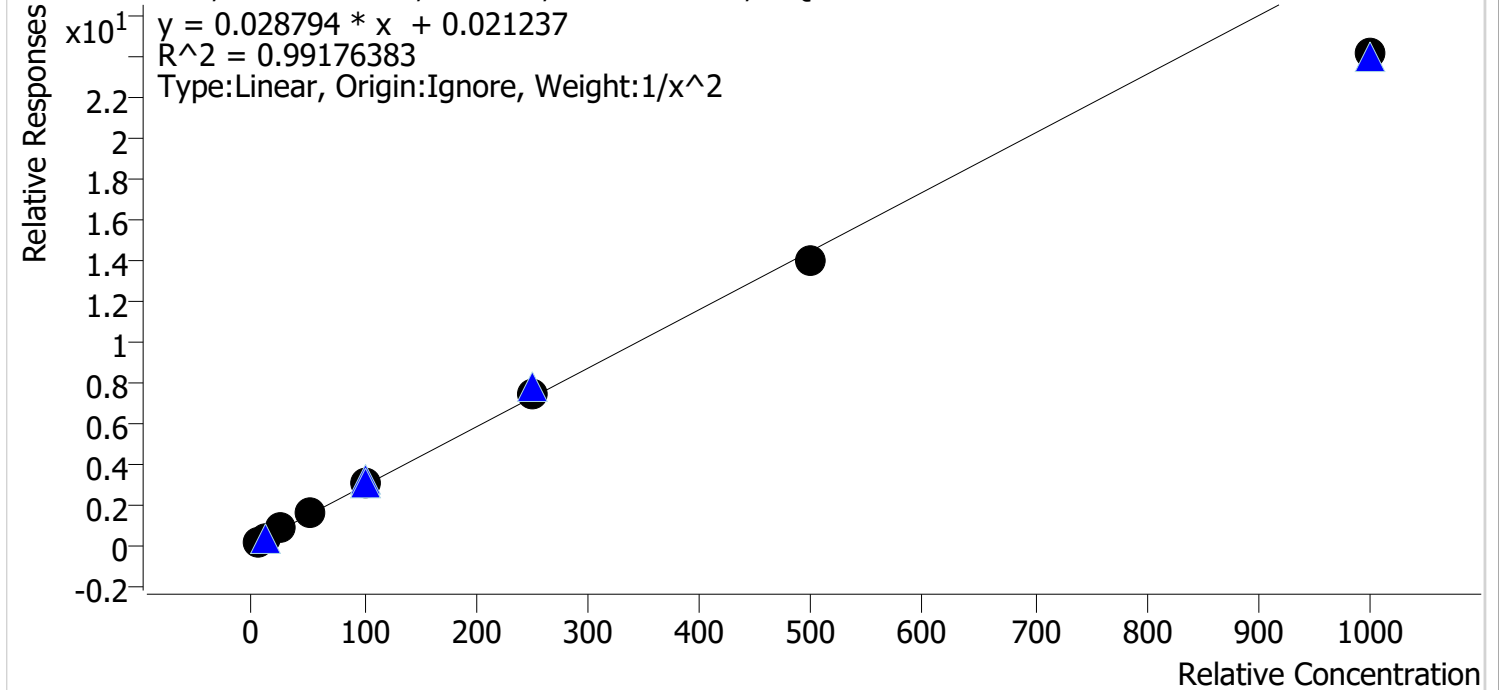
cal 8 dropped due to accuracy

Compound Calibration Report



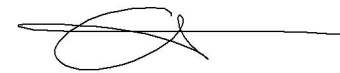
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



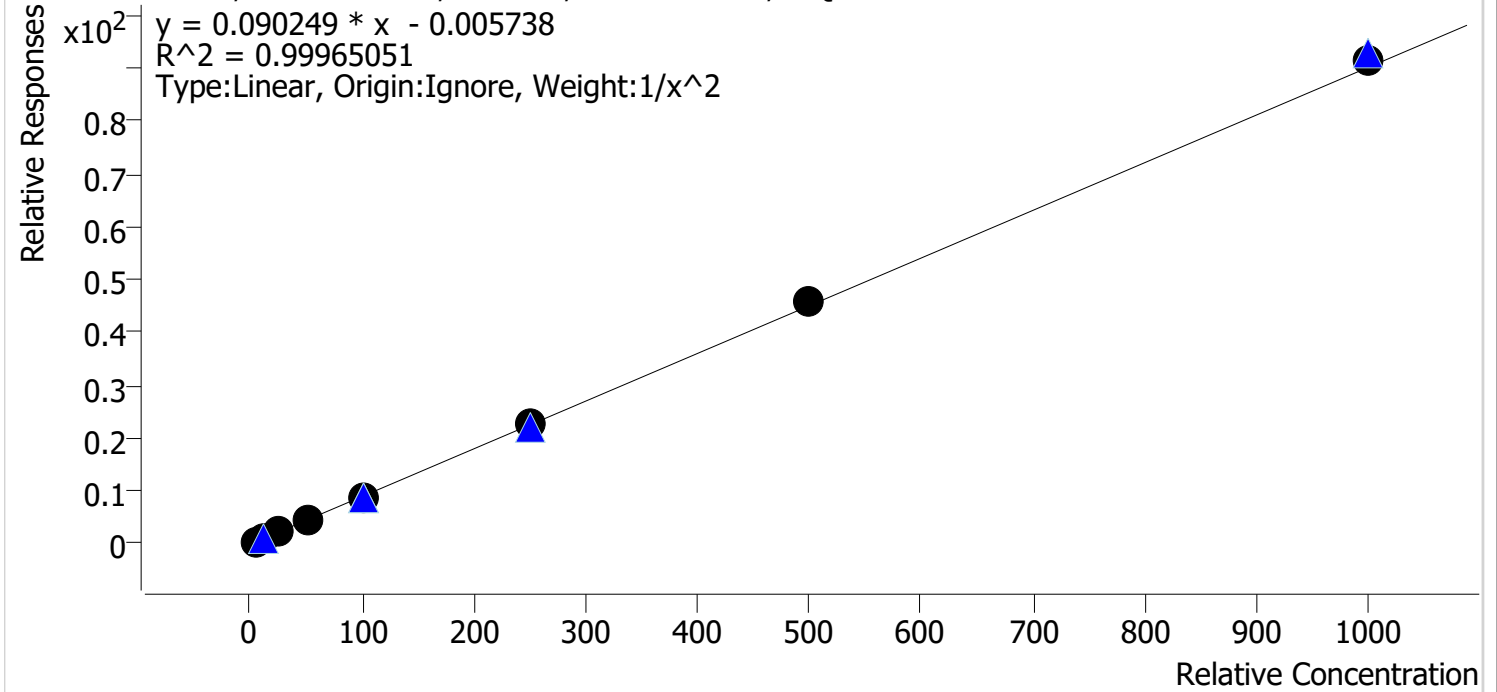
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdqr	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	26.7	106.9
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	107.1	107.1
cal 6 mdq	6	✓	250.0	256.0	102.4
cal 7 mdq	7	✓	500.0	480.8	96.2
cal 8 mdq	8	✓	1000.0	835.5	83.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 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	5.1	101.3
cal 2 mdqr	2	✓	10.0	9.7	97.2
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	250.4	100.1
cal 7 mdq	7	✓	500.0	506.5	101.3
cal 8 mdq	8	✓	1000.0	1014.5	101.5

Compound Calibration Report

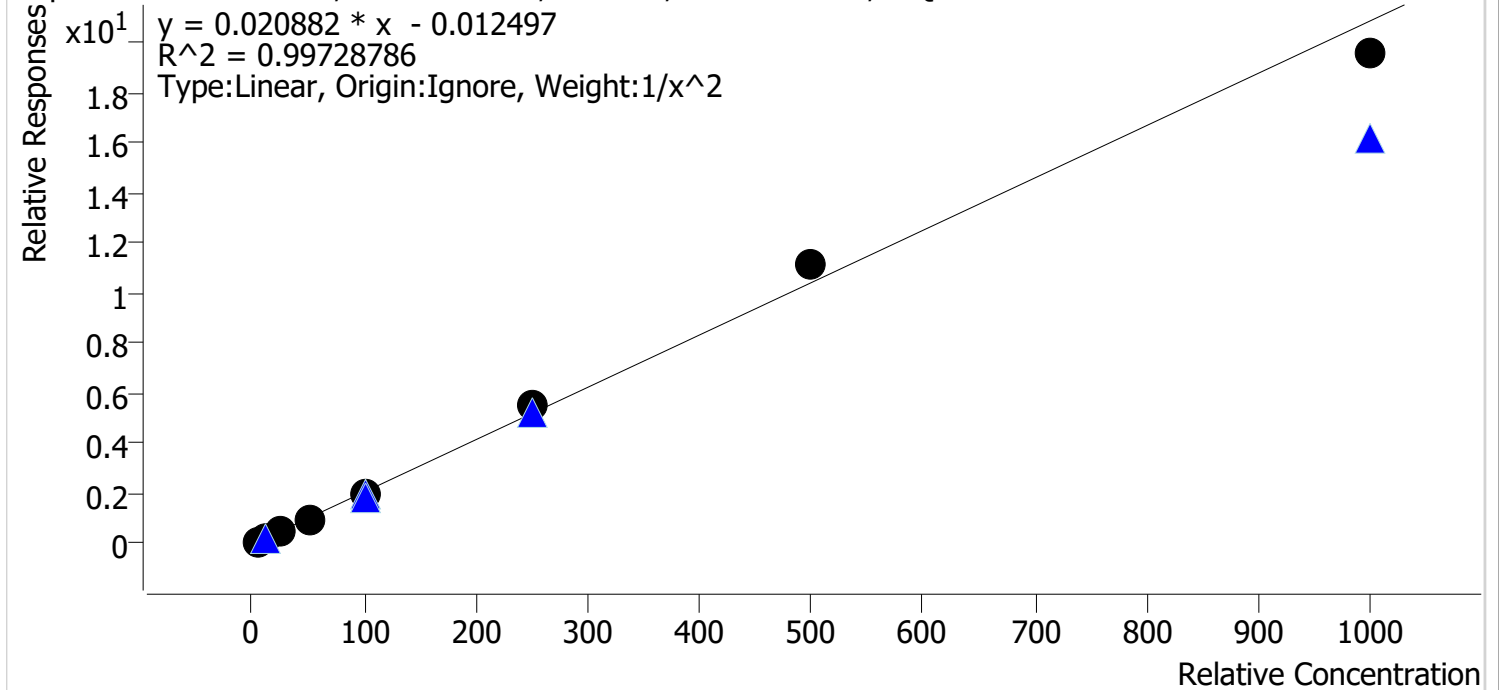


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Meprobamate

Internal Standard

Carisoprodol-D7

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



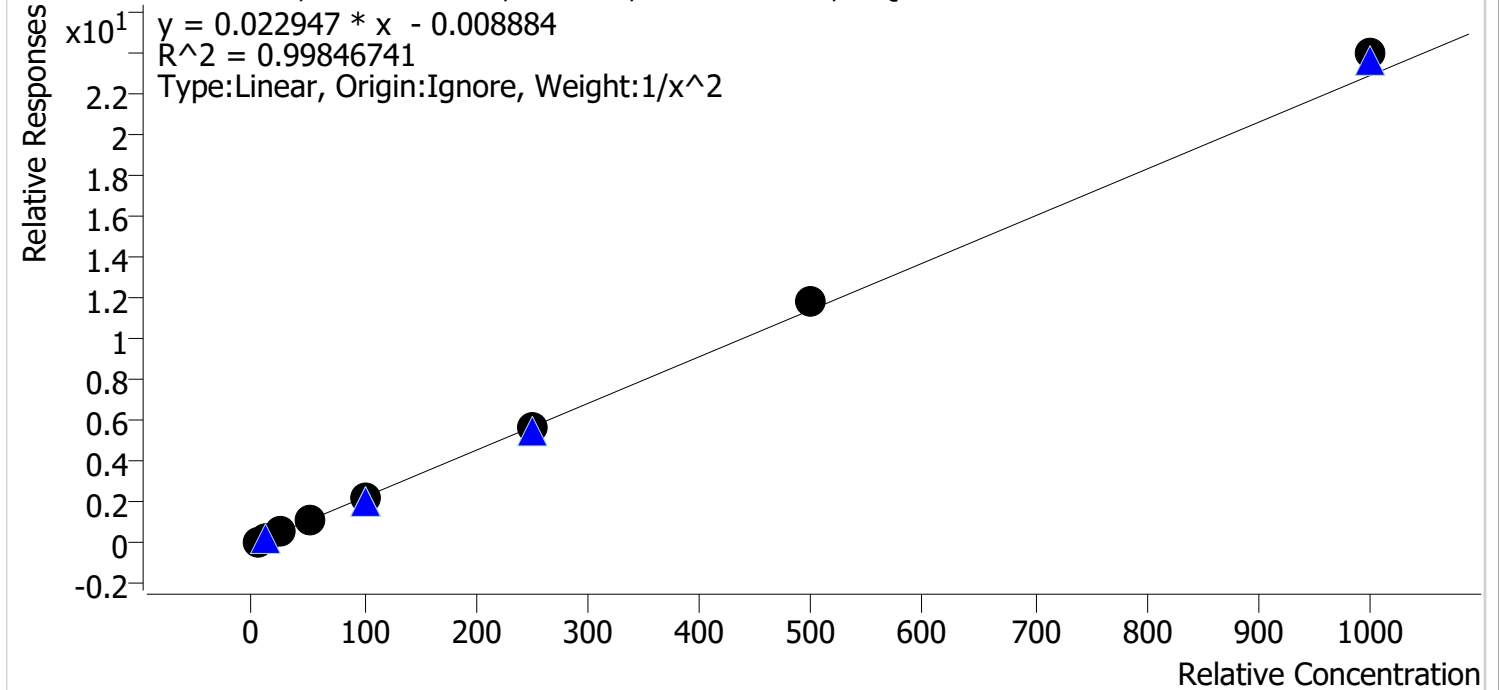
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdqr	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	264.9	106.0
cal 7 mdq	7	✓	500.0	533.8	106.8
cal 8 mdq	8	✓	1000.0	937.5	93.8

Compound Calibration Report



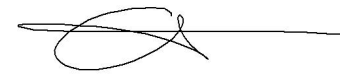
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



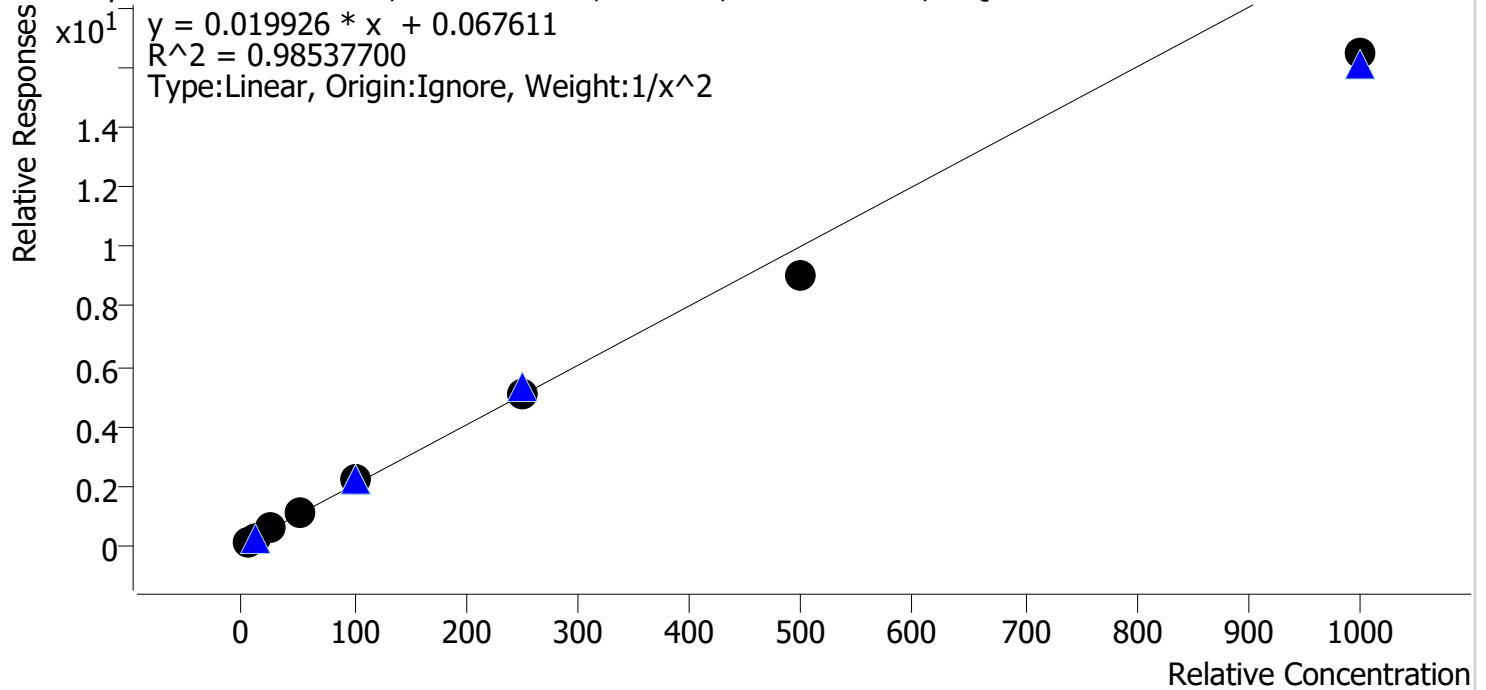
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdqr	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	47.4	94.9
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	519.5	103.9
cal 8 mdq	8	✓	1000.0	1046.7	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



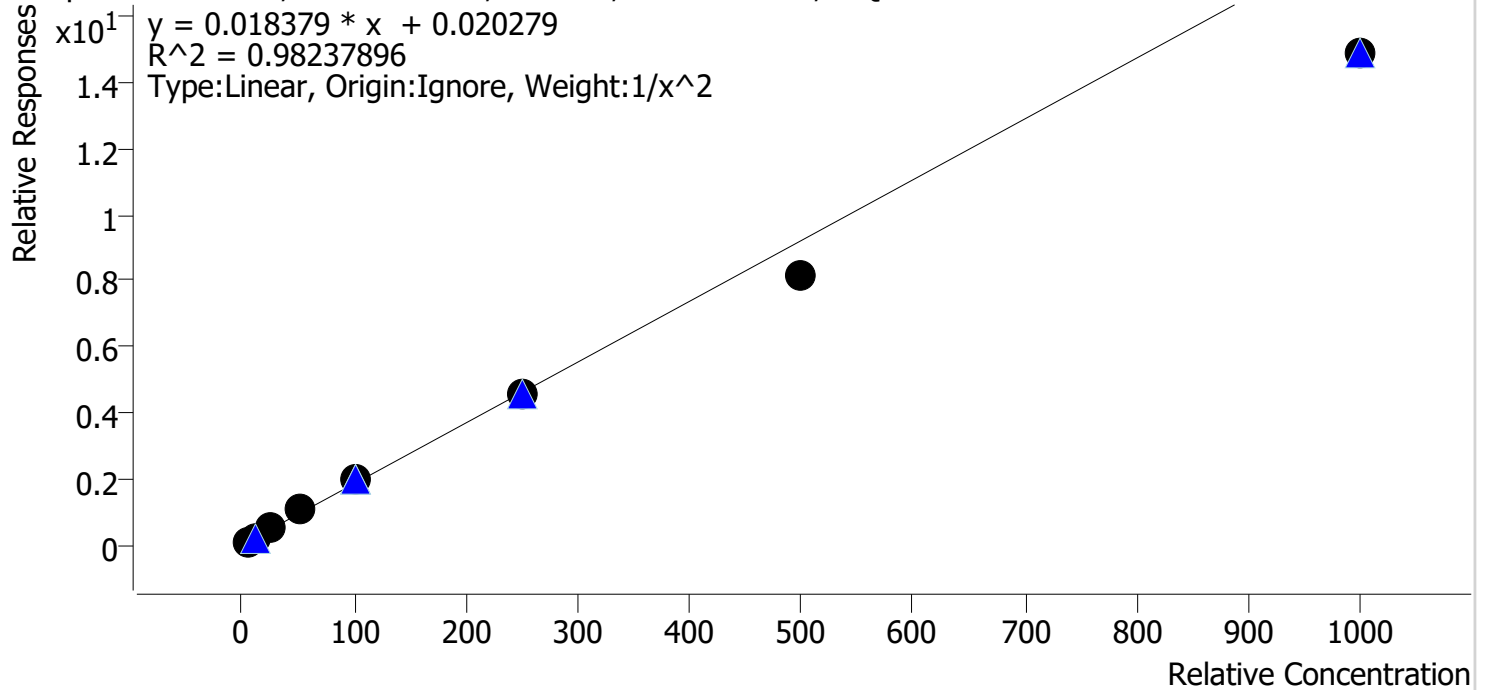
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	91.8
cal 2 mdqr	2	✓	10.0	11.1	111.3
cal 3 mdq	3	✓	25.0	27.0	107.8
cal 4 mdq	4	✓	50.0	54.4	108.8
cal 5 mdq	5	✓	100.0	106.1	106.1
cal 6 mdq	6	✓	250.0	254.4	101.8
cal 7 mdq	7	✓	500.0	451.5	90.3
cal 8 mdq	8	✓	1000.0	822.5	82.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDMA-D6

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



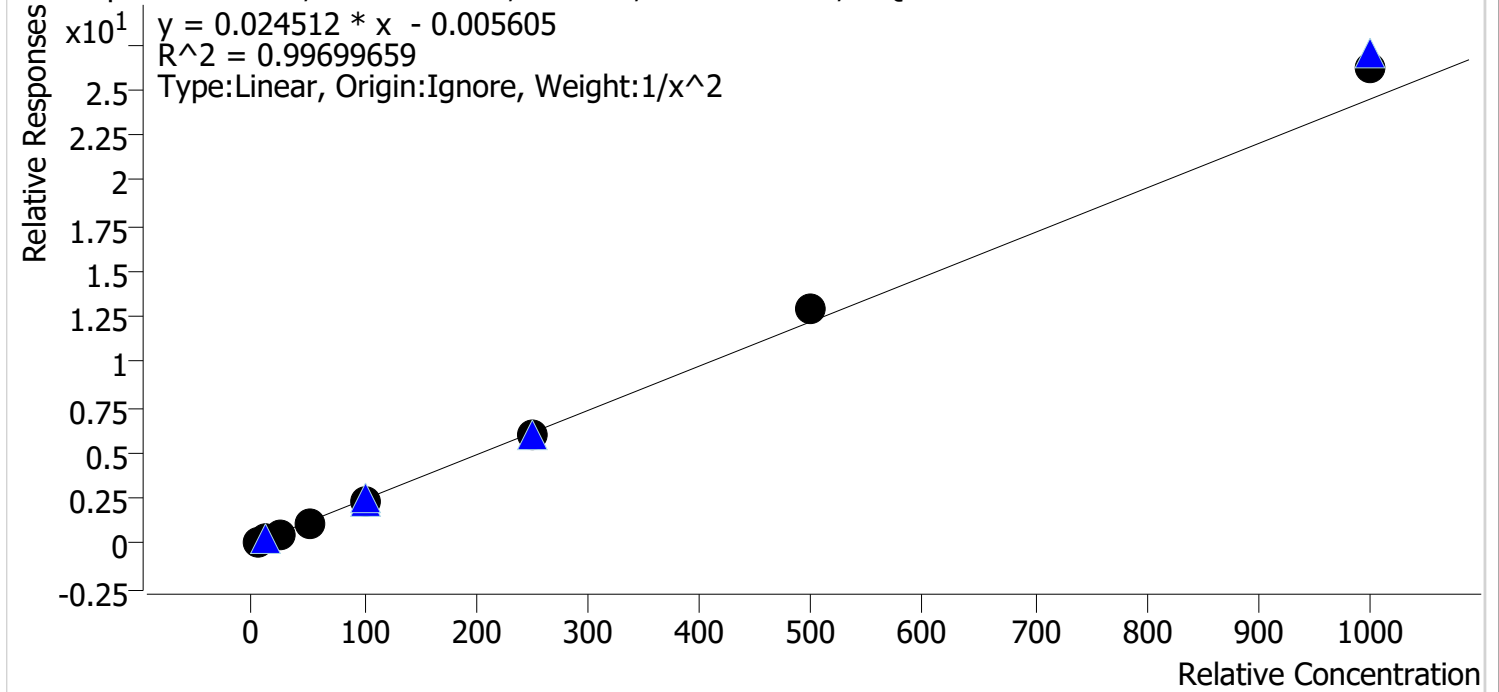
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	92.7
cal 2 mdqr	2	✓	10.0	10.7	107.0
cal 3 mdq	3	✓	25.0	28.1	112.3
cal 4 mdq	4	✓	50.0	55.9	111.8
cal 5 mdq	5	✓	100.0	107.4	107.4
cal 6 mdq	6	✓	250.0	247.9	99.2
cal 7 mdq	7	✓	500.0	444.4	88.9
cal 8 mdq	8	✓	1000.0	806.9	80.7

Compound Calibration Report



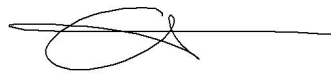
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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	5.1	101.4
cal 2 mdqr	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	23.6	94.3
cal 4 mdq	4	✓	50.0	47.4	94.9
cal 5 mdq	5	✓	100.0	96.2	96.2
cal 6 mdq	6	✓	250.0	248.9	99.5
cal 7 mdq	7	✓	500.0	530.5	106.1
cal 8 mdq	8	✓	1000.0	1068.0	106.8

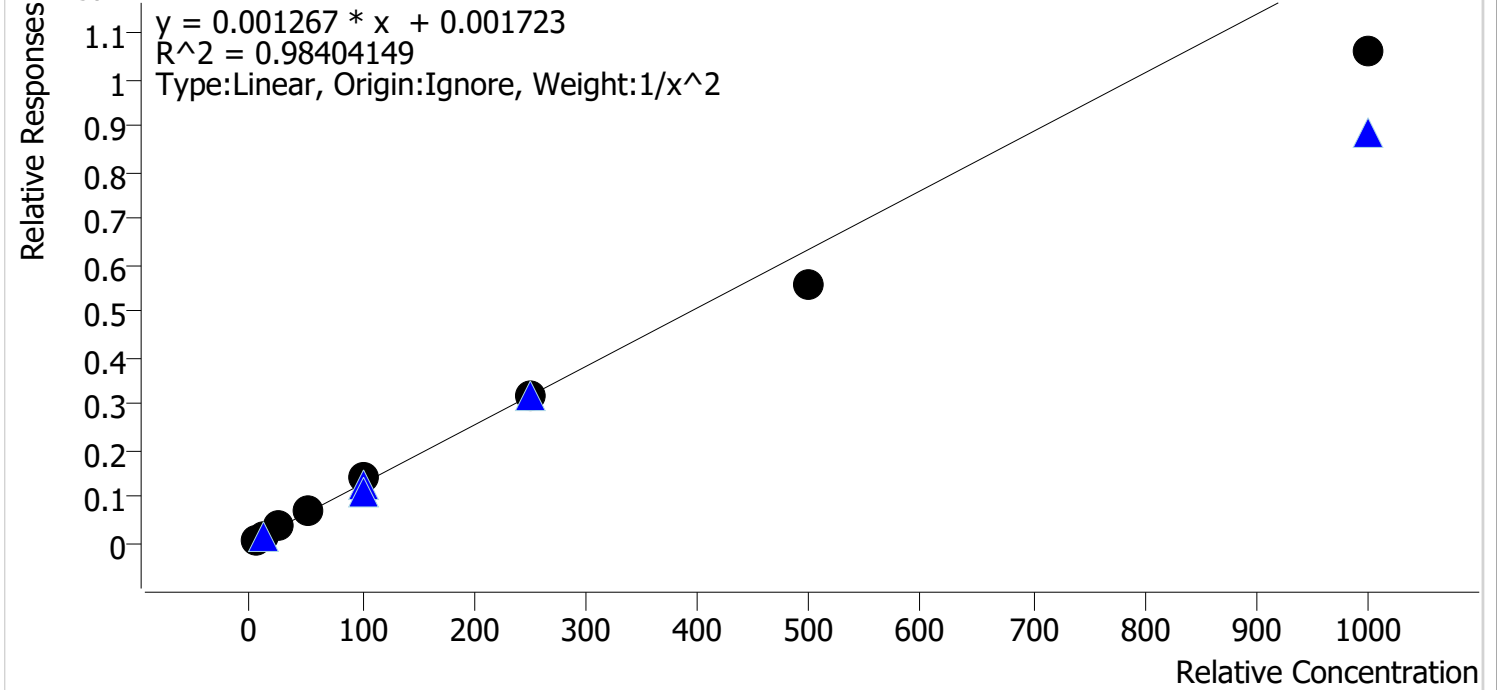
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Mitragynine

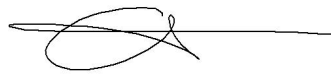
Internal Standard Pseudoephedrine-D3

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



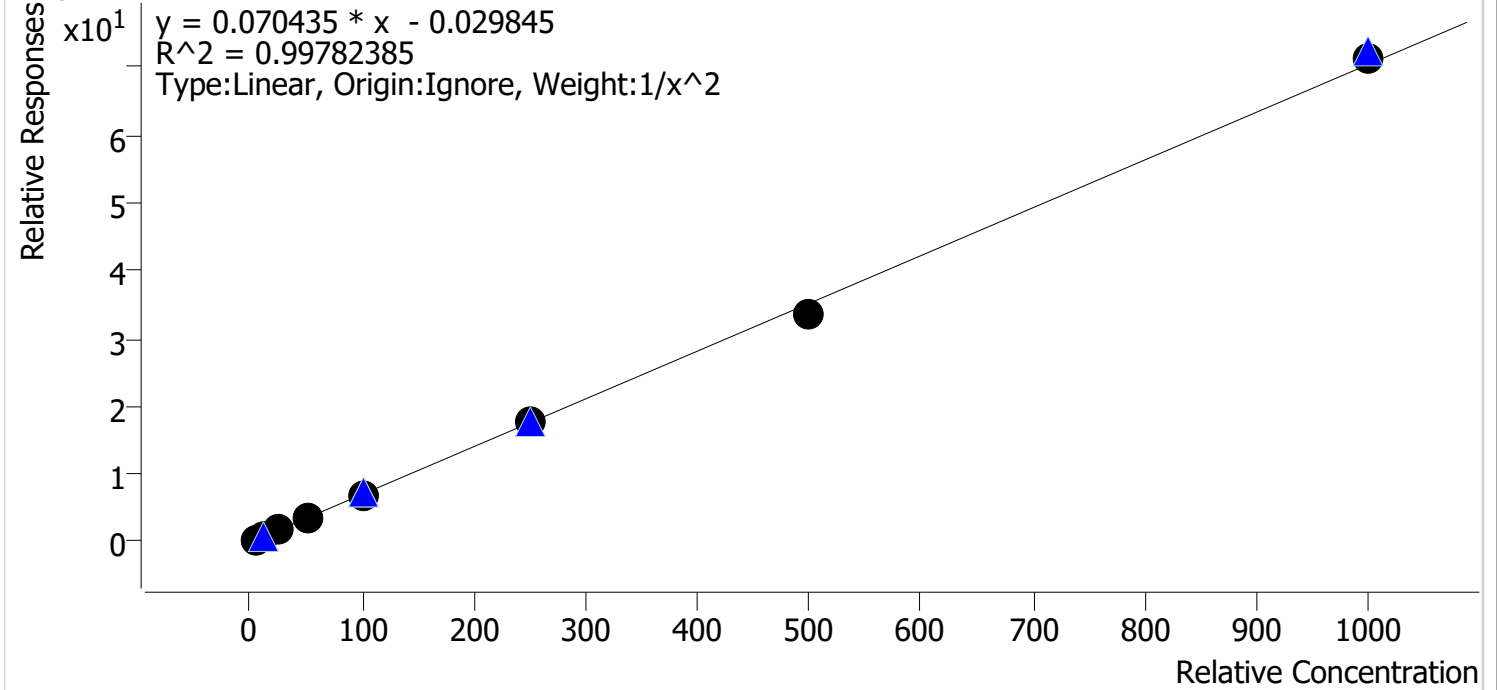
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdqr	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	28.8	115.0
cal 4 mdq	4	✓	50.0	54.7	109.4
cal 5 mdq	5	✓	100.0	110.0	110.0
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	437.2	87.4
cal 8 mdq	8	✓	1000.0	836.5	83.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



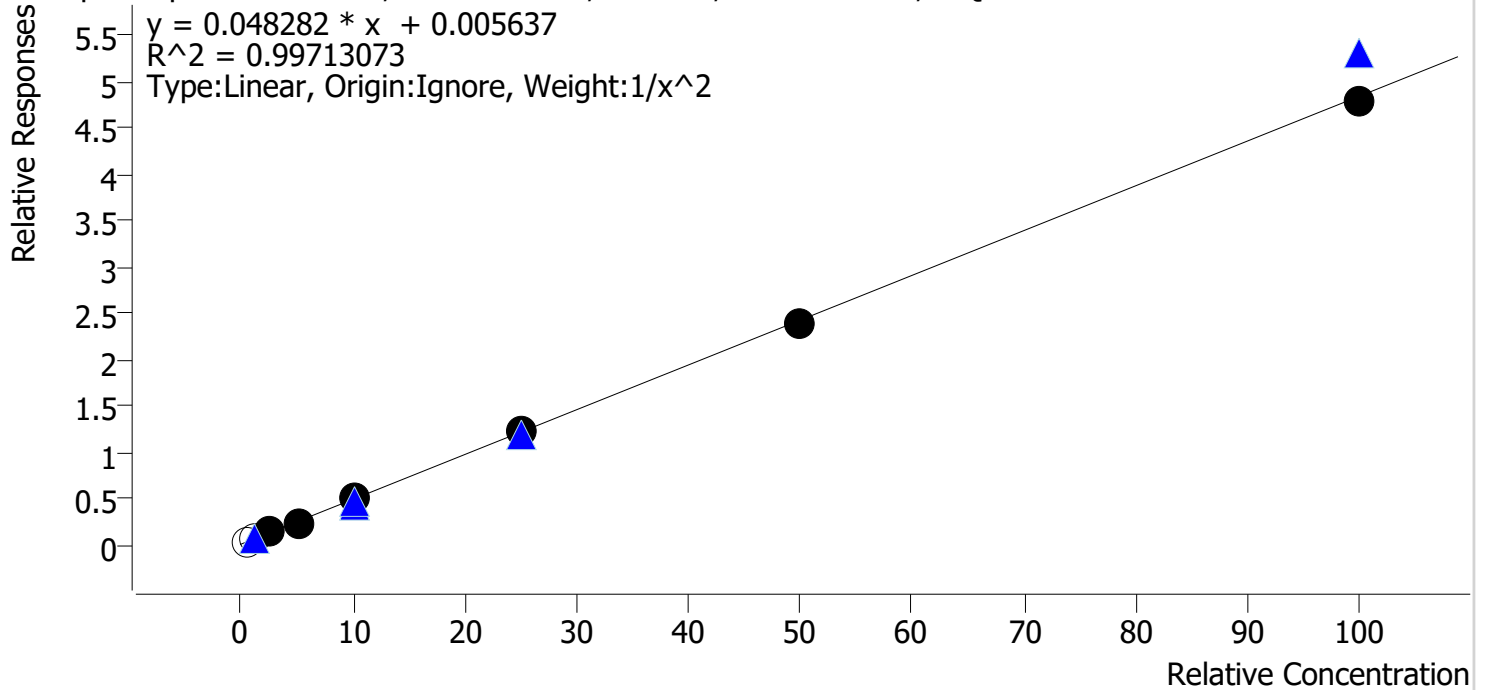
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdqr	2	✓	10.0	9.5	95.2
cal 3 mdq	3	✓	25.0	25.4	101.6
cal 4 mdq	4	✓	50.0	53.6	107.2
cal 5 mdq	5	✓	100.0	97.2	97.2
cal 6 mdq	6	✓	250.0	252.9	101.2
cal 7 mdq	7	✓	500.0	475.1	95.0
cal 8 mdq	8	✓	1000.0	1011.7	101.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

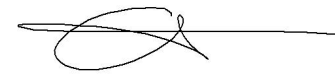
Norbuprenorphine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



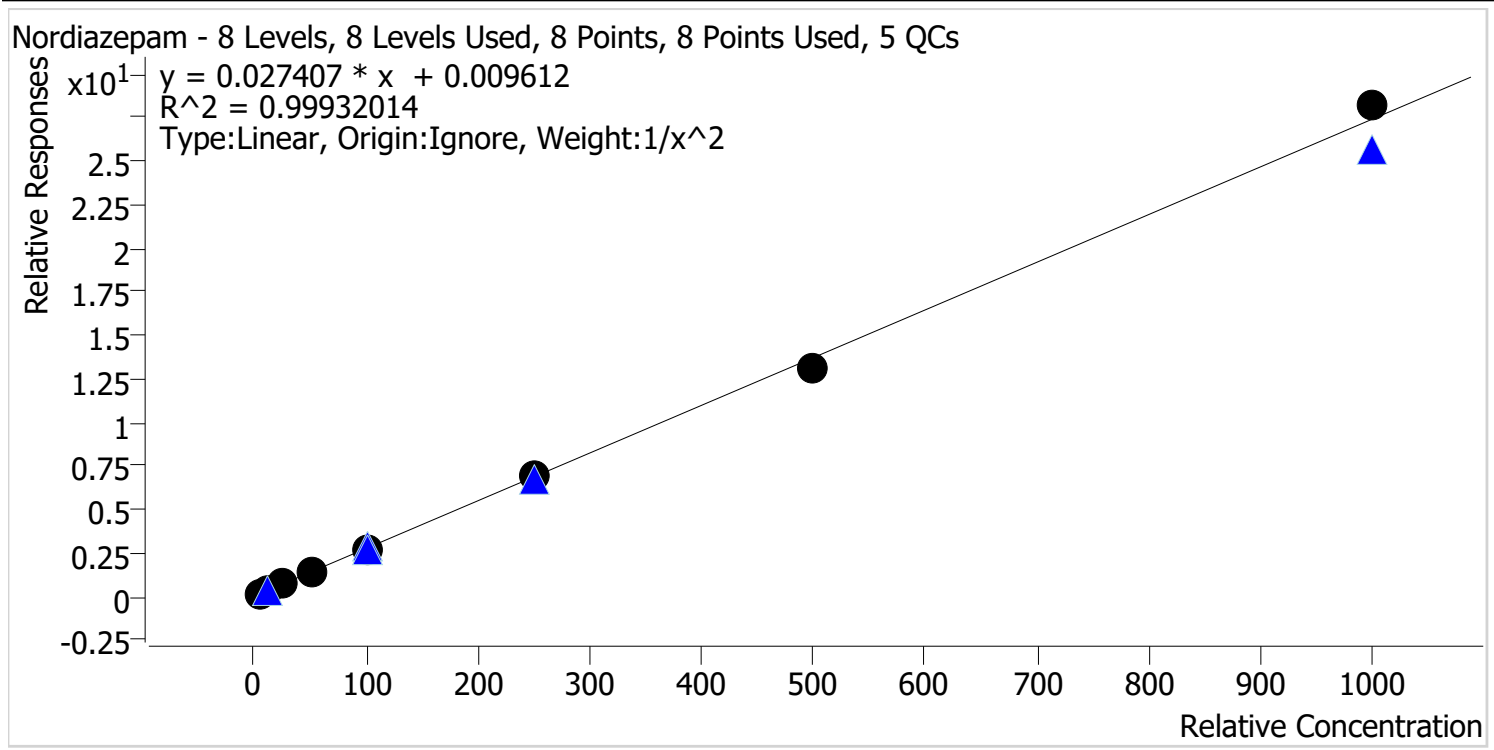
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.5	101.9
cal 2 mdqr	2	x	1.0	0.9	90.0
cal 3 mdq	3	✓	2.5	2.5	101.5
cal 4 mdq	4	✓	5.0	4.7	93.7
cal 5 mdq	5	✓	10.0	10.7	107.0
cal 6 mdq	6	✓	25.0	24.9	99.5
cal 7 mdq	7	✓	50.0	49.5	99.1
cal 8 mdq	8	✓	100.0	99.2	99.2

Cal 1 and 2 dropped due to ratio being out of range for cal 2 and poor peak shape.

Compound Calibration Report

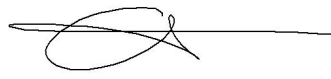


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

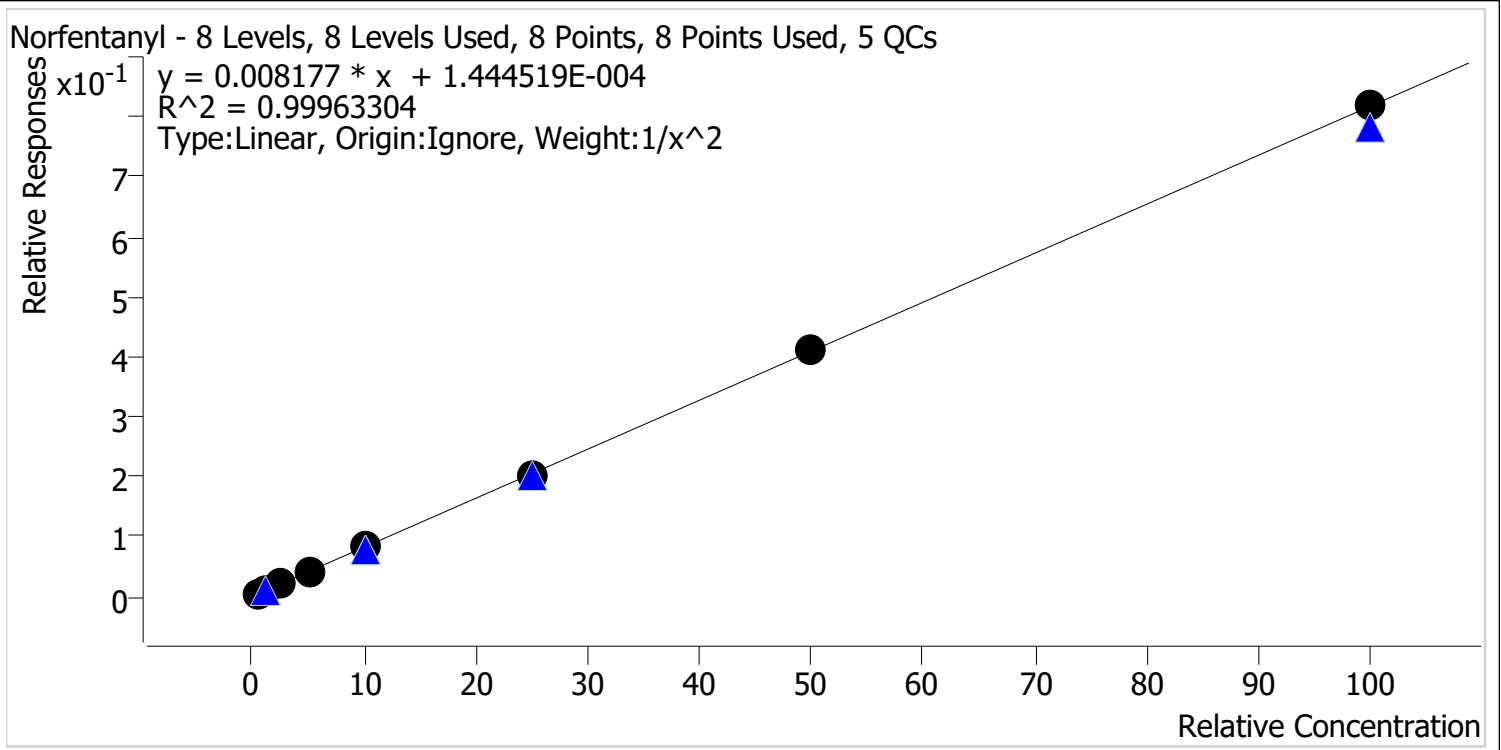


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdqr	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	25.6	102.3
cal 4 mdq	4	✓	50.0	49.9	99.7
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	250.2	100.1
cal 7 mdq	7	✓	500.0	477.2	95.4
cal 8 mdq	8	✓	1000.0	1028.6	102.9

Compound Calibration Report

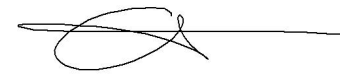


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



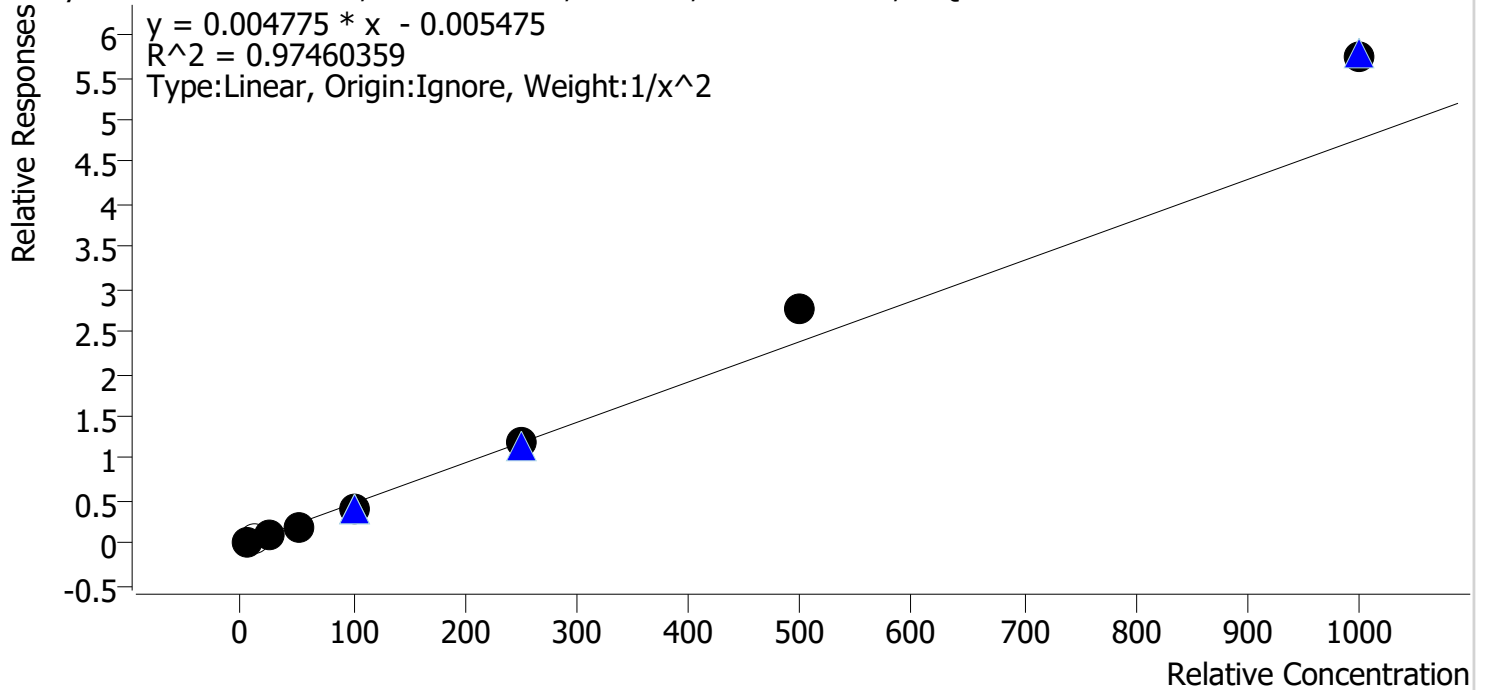
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.1
cal 2 mdqr	2	✓	1.0	1.0	99.1
cal 3 mdq	3	✓	2.5	2.6	103.0
cal 4 mdq	4	✓	5.0	4.9	97.2
cal 5 mdq	5	✓	10.0	10.0	100.1
cal 6 mdq	6	✓	25.0	24.8	99.2
cal 7 mdq	7	✓	50.0	50.5	101.0
cal 8 mdq	8	✓	100.0	100.1	100.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

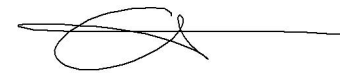
Norhydrocodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.4
cal 2 mdqr	2	✗	10.0	8.9	88.8
cal 3 mdq	3	✓	25.0	20.3	81.1
cal 4 mdq	4	✓	50.0	42.7	85.4
cal 5 mdq	5	✓	100.0	90.7	90.7
cal 6 mdq	6	✓	250.0	253.4	101.4
cal 7 mdq	7	✓	500.0	580.7	116.1
cal 8 mdq	8	✓	1000.0	1199.6	120.0

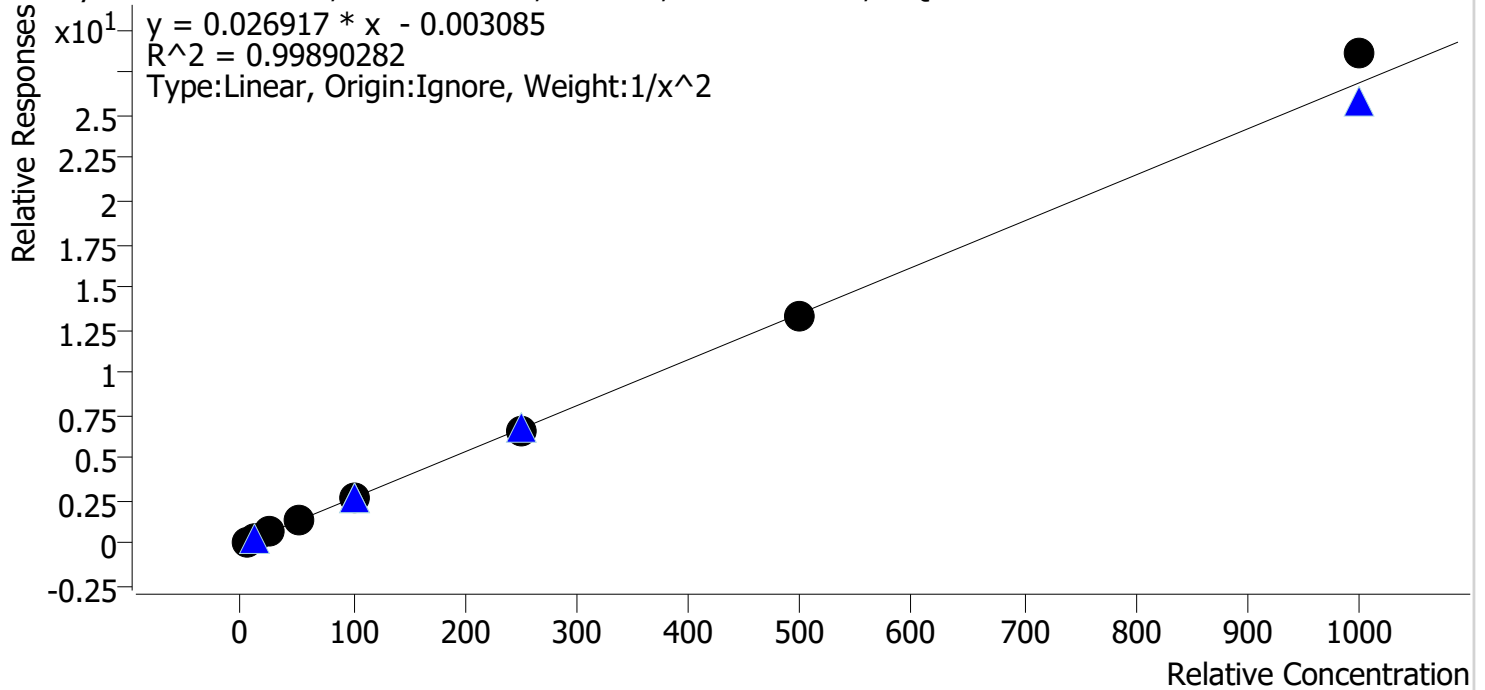
Not evaluated due to rising ratios.

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

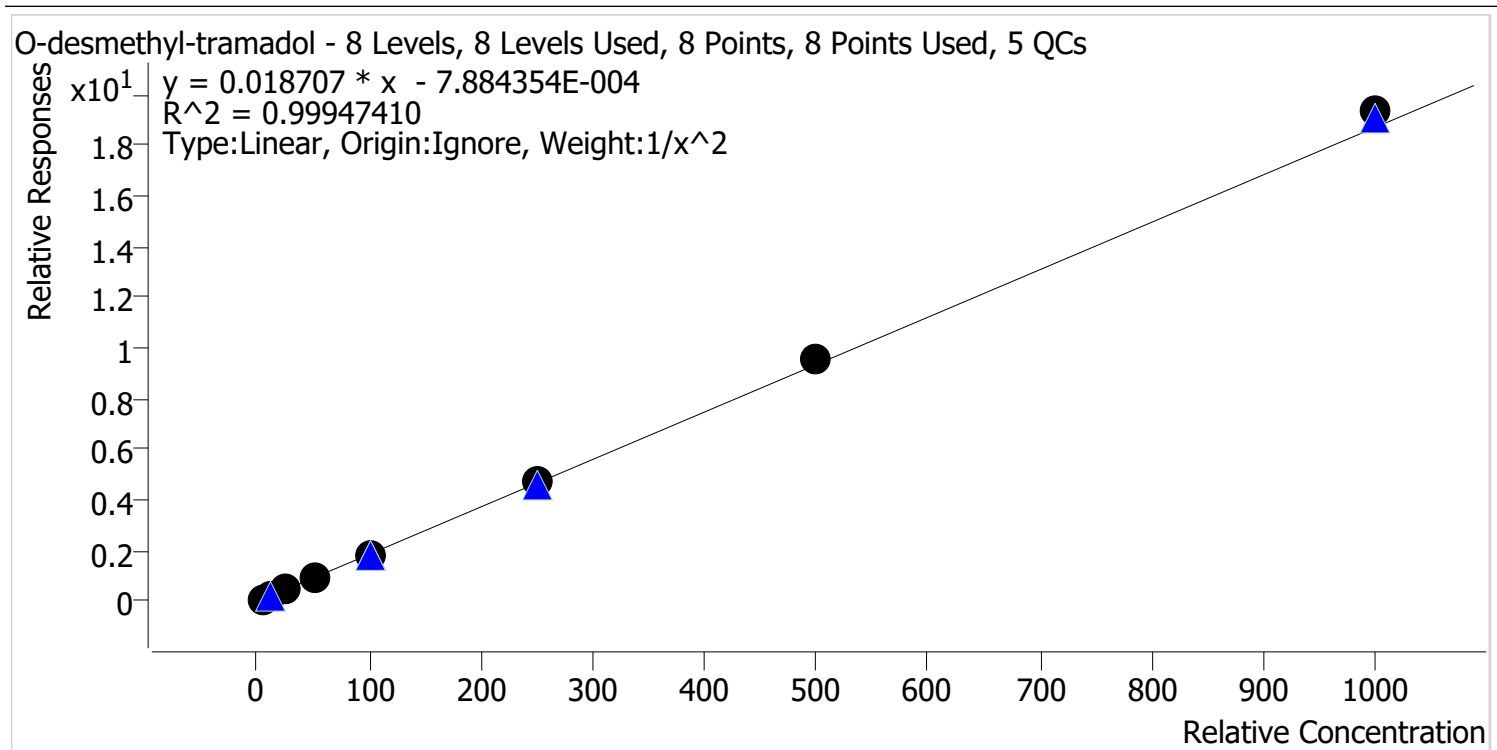


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdqr	2	✓	10.0	9.7	97.2
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	49.3	98.7
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	248.5	99.4
cal 7 mdq	7	✓	500.0	490.4	98.1
cal 8 mdq	8	✓	1000.0	1063.4	106.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



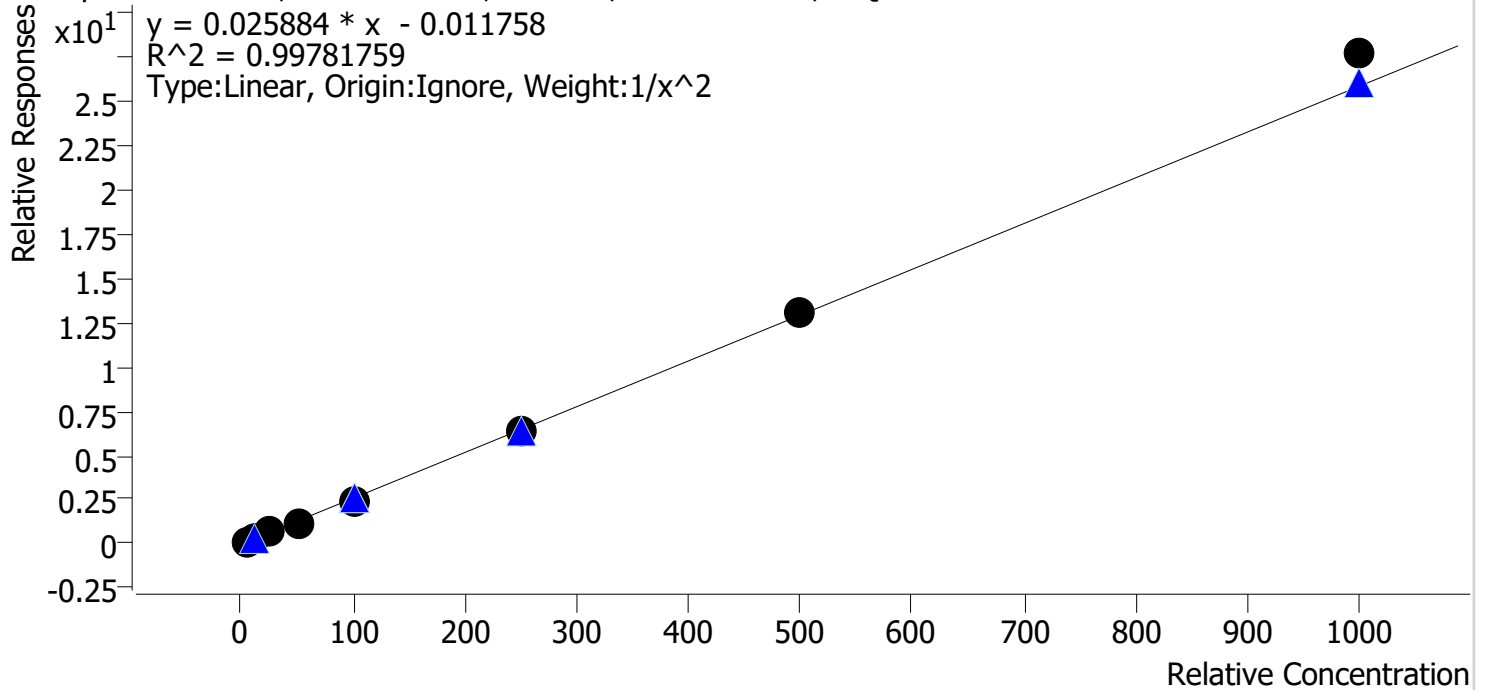
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdqr	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	48.7	97.3
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	250.9	100.4
cal 7 mdq	7	✓	500.0	508.0	101.6
cal 8 mdq	8	✓	1000.0	1034.0	103.4

Compound Calibration Report



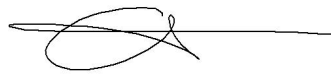
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



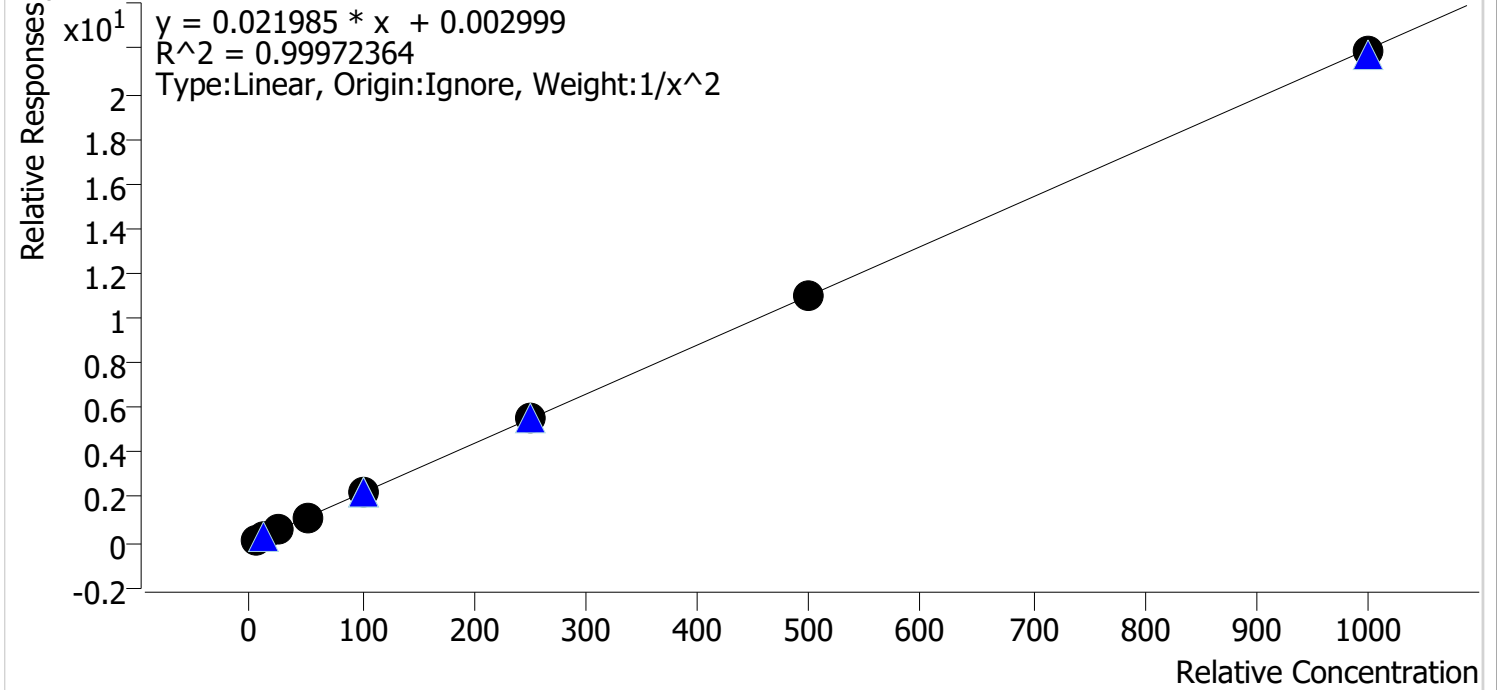
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdqr	2	✓	10.0	10.5	104.7
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	47.5	95.1
cal 5 mdq	5	✓	100.0	96.6	96.6
cal 6 mdq	6	✓	250.0	246.1	98.4
cal 7 mdq	7	✓	500.0	503.6	100.7
cal 8 mdq	8	✓	1000.0	1071.5	107.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



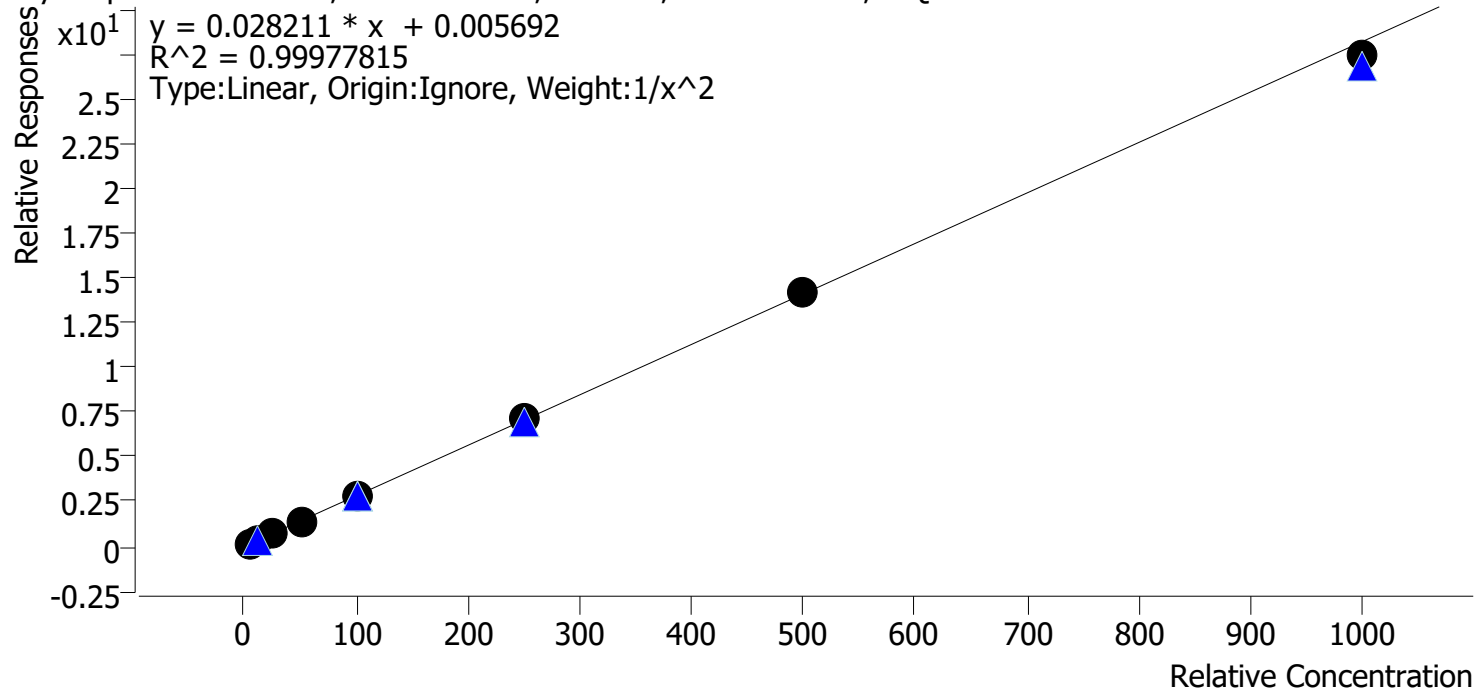
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdqr	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	251.4	100.5
cal 7 mdq	7	✓	500.0	499.2	99.8
cal 8 mdq	8	✓	1000.0	994.9	99.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdqr	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	252.3	100.9
cal 7 mdq	7	✓	500.0	500.8	100.2
cal 8 mdq	8	✓	1000.0	972.4	97.2

Compound Calibration Report

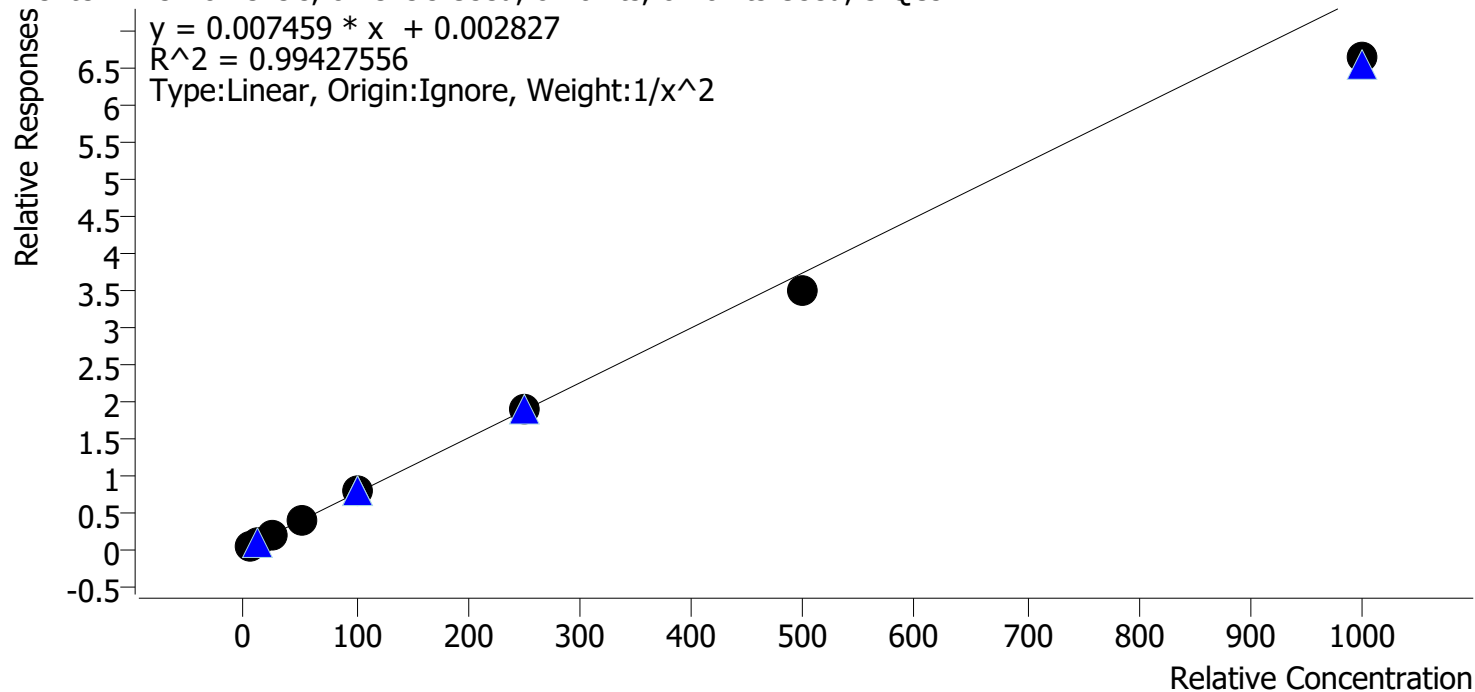


Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Phentermine

Internal Standard

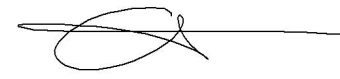
Phentermine-D5

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



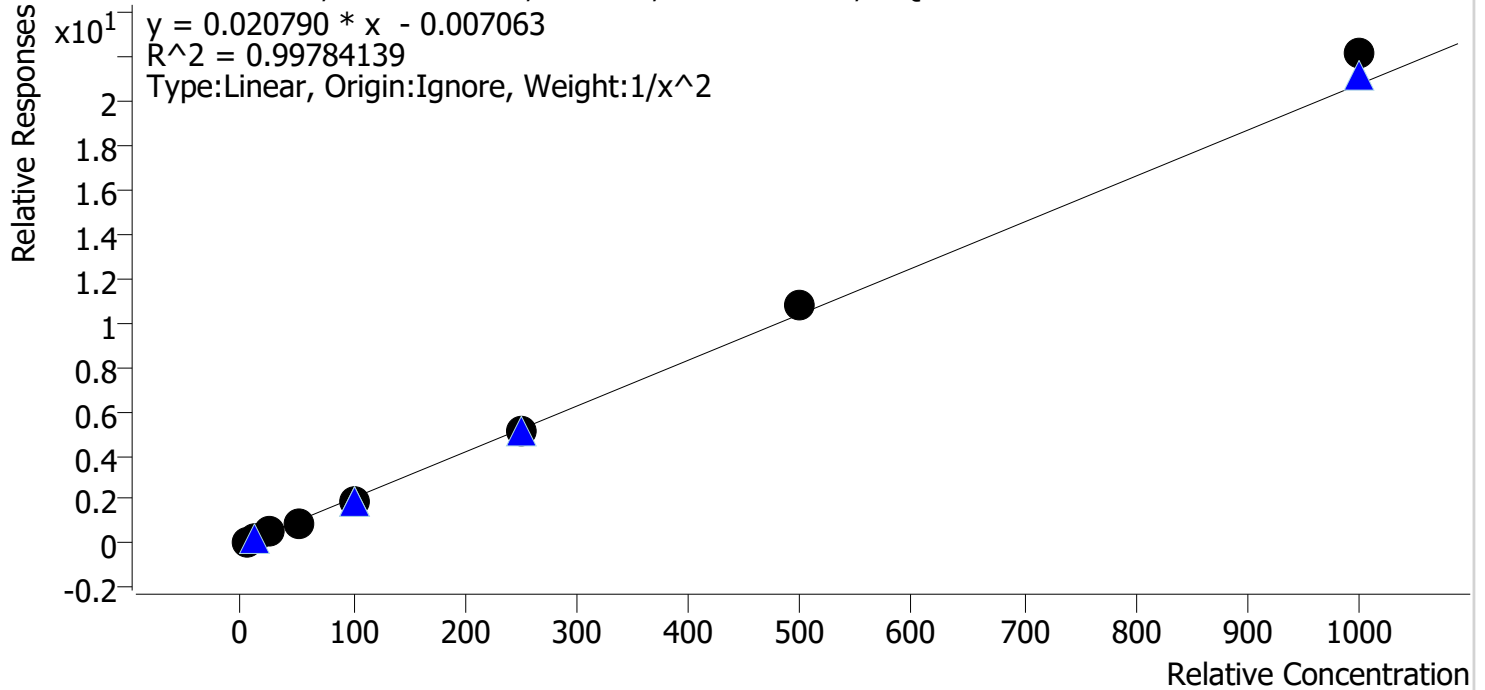
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.9
cal 2 mdqr	2	✓	10.0	10.4	104.4
cal 3 mdq	3	✓	25.0	26.4	105.5
cal 4 mdq	4	✓	50.0	53.3	106.7
cal 5 mdq	5	✓	100.0	104.6	104.6
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	465.1	93.0
cal 8 mdq	8	✓	1000.0	889.9	89.0

Compound Calibration Report



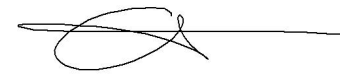
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



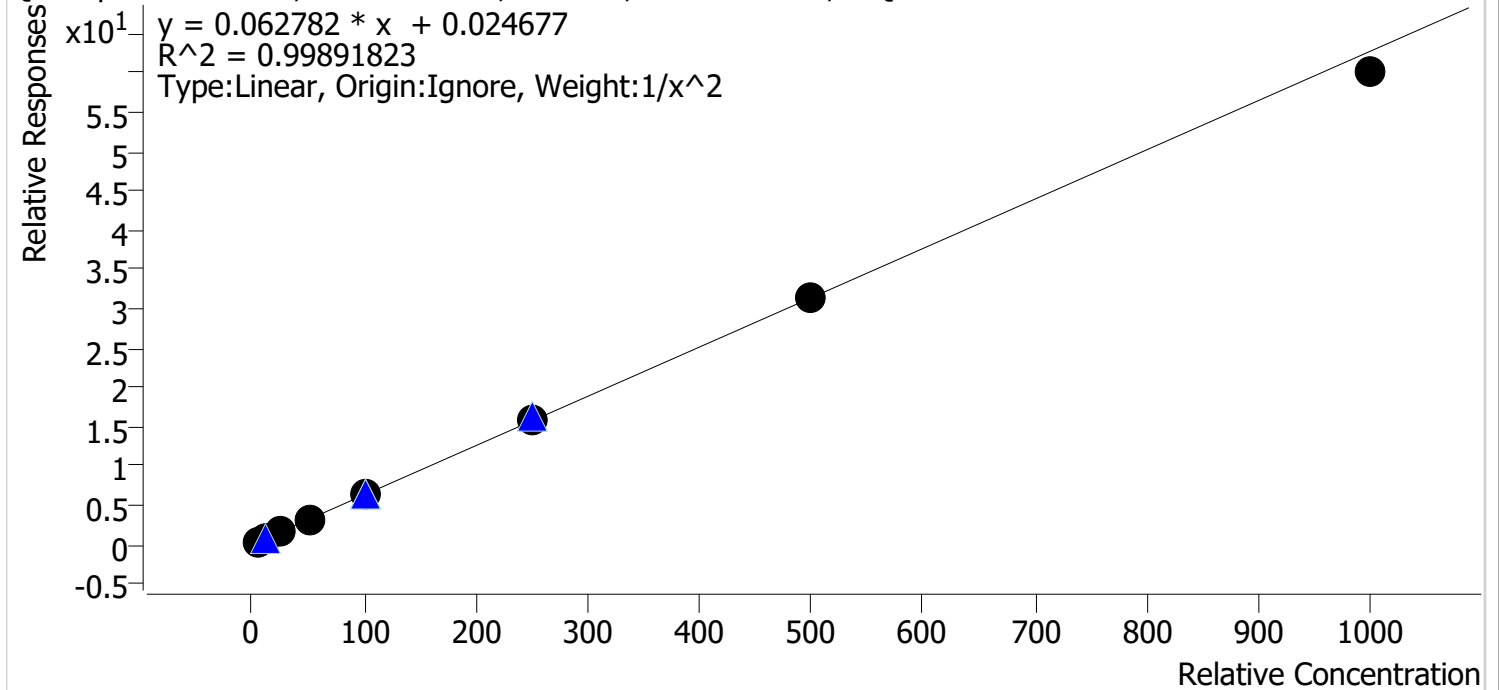
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdqr	2	✓	10.0	10.1	101.5
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	47.5	94.9
cal 5 mdq	5	✓	100.0	96.3	96.3
cal 6 mdq	6	✓	250.0	249.6	99.8
cal 7 mdq	7	✓	500.0	519.0	103.8
cal 8 mdq	8	✓	1000.0	1066.8	106.7

Compound Calibration Report



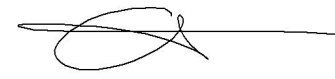
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



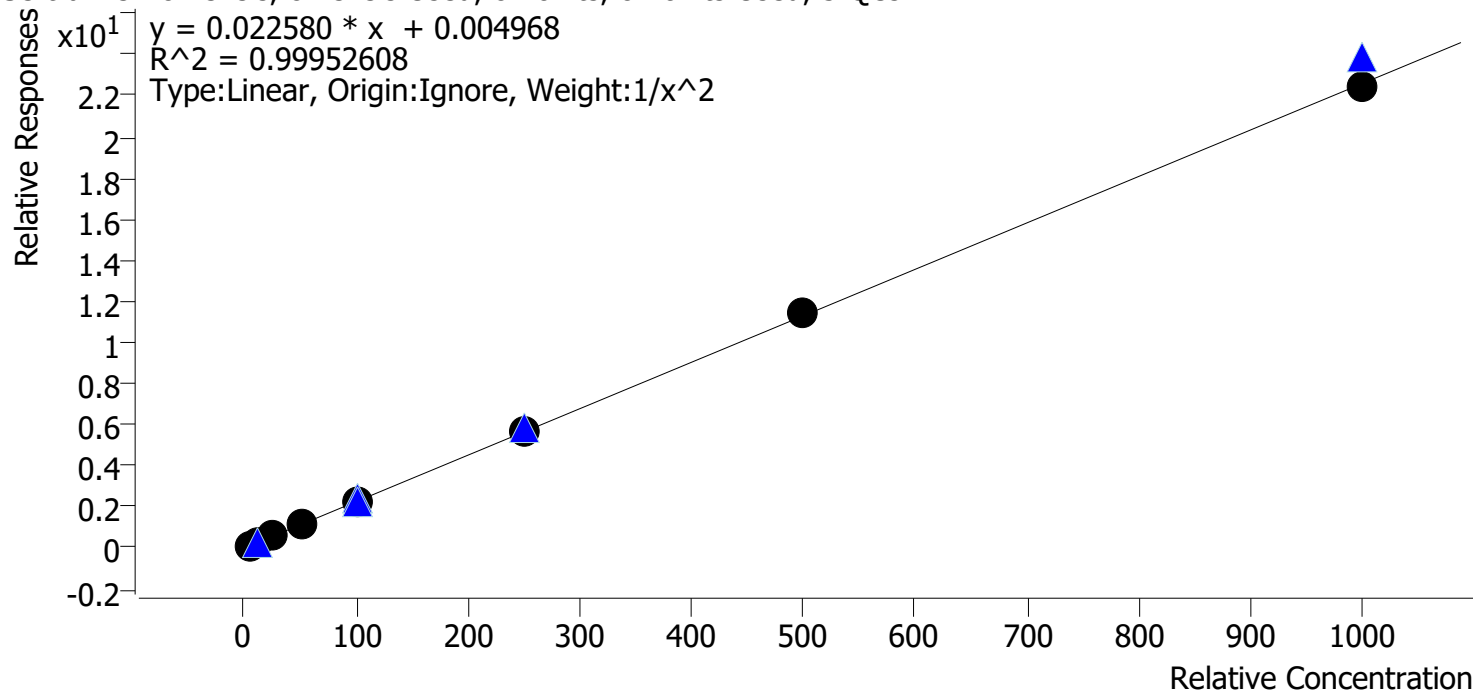
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdqr	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	26.4	105.4
cal 4 mdq	4	✓	50.0	50.7	101.5
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	499.8	100.0
cal 8 mdq	8	✓	1000.0	959.2	95.9

Compound Calibration Report



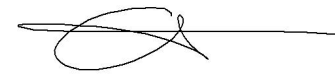
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



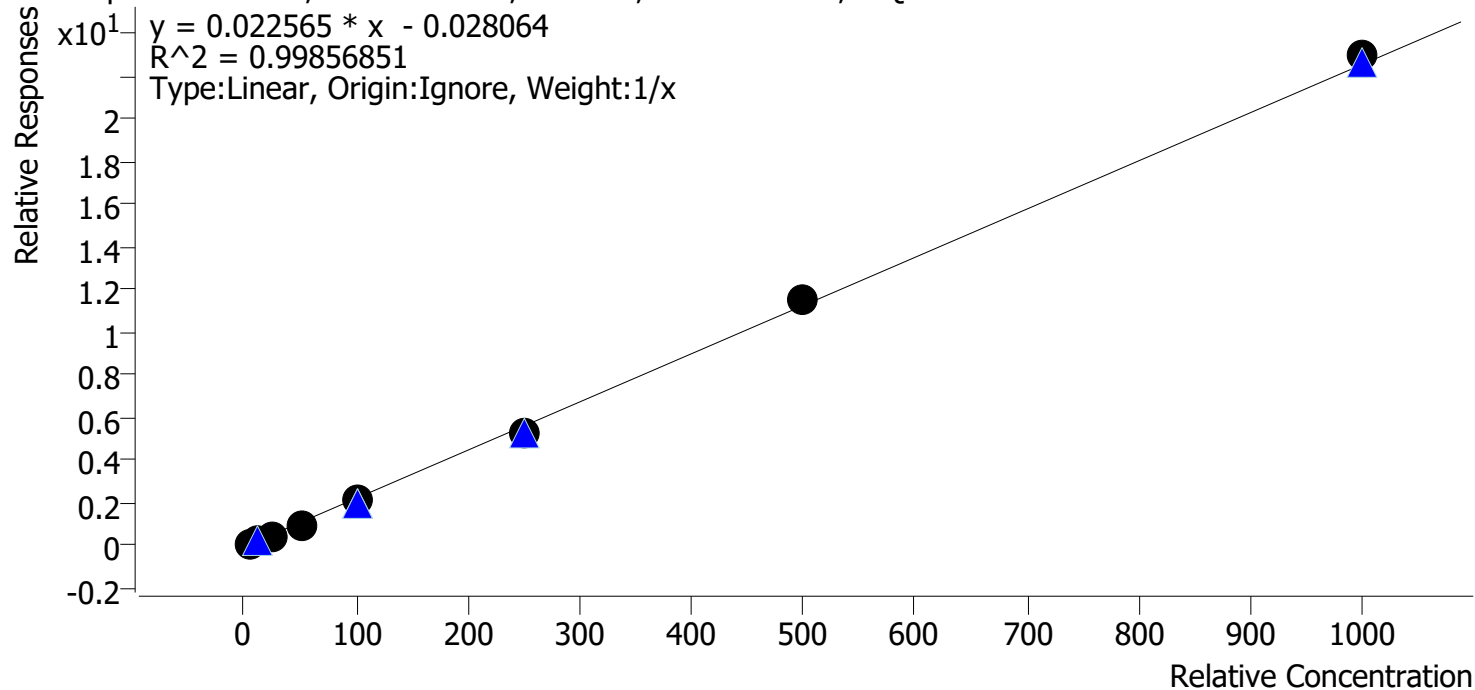
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdqr	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	252.3	100.9
cal 7 mdq	7	✓	500.0	509.1	101.8
cal 8 mdq	8	✓	1000.0	990.4	99.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



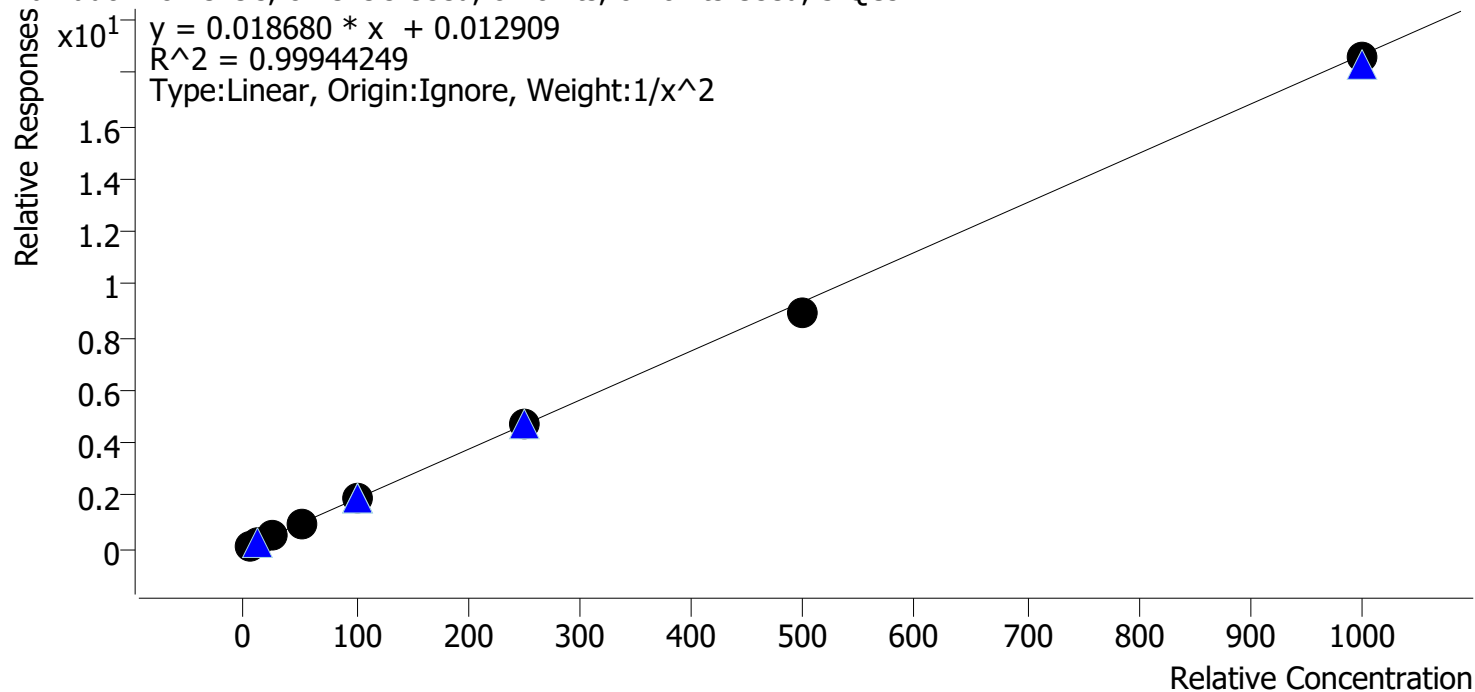
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.9	117.4
cal 2 mdqr	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	23.6	94.3
cal 4 mdq	4	✓	50.0	46.5	93.0
cal 5 mdq	5	✓	100.0	95.1	95.1
cal 6 mdq	6	✓	250.0	231.8	92.7
cal 7 mdq	7	✓	500.0	508.3	101.7
cal 8 mdq	8	✓	1000.0	1018.4	101.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 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	99.0
cal 2 mdqr	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	25.5	102.1
cal 4 mdq	4	✓	50.0	51.2	102.5
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	250.6	100.3
cal 7 mdq	7	✓	500.0	479.6	95.9
cal 8 mdq	8	✓	1000.0	994.4	99.4

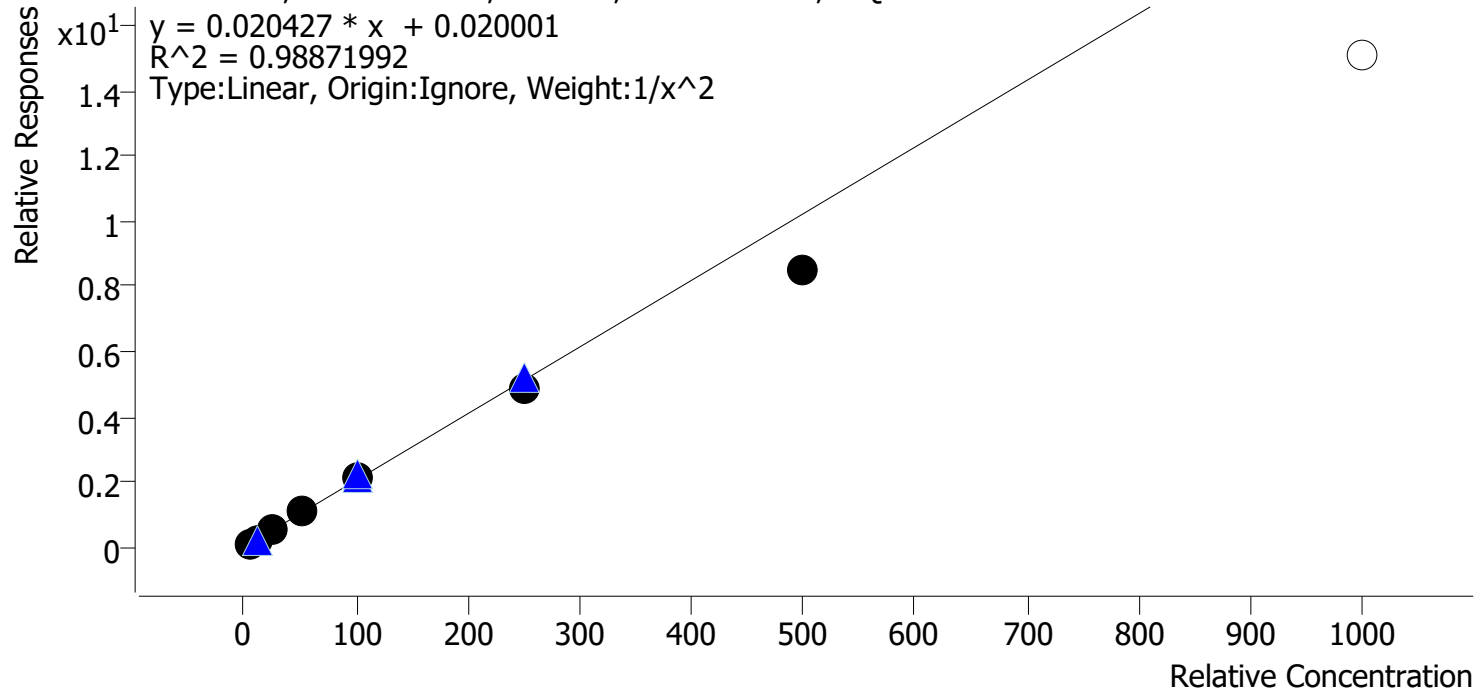
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

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



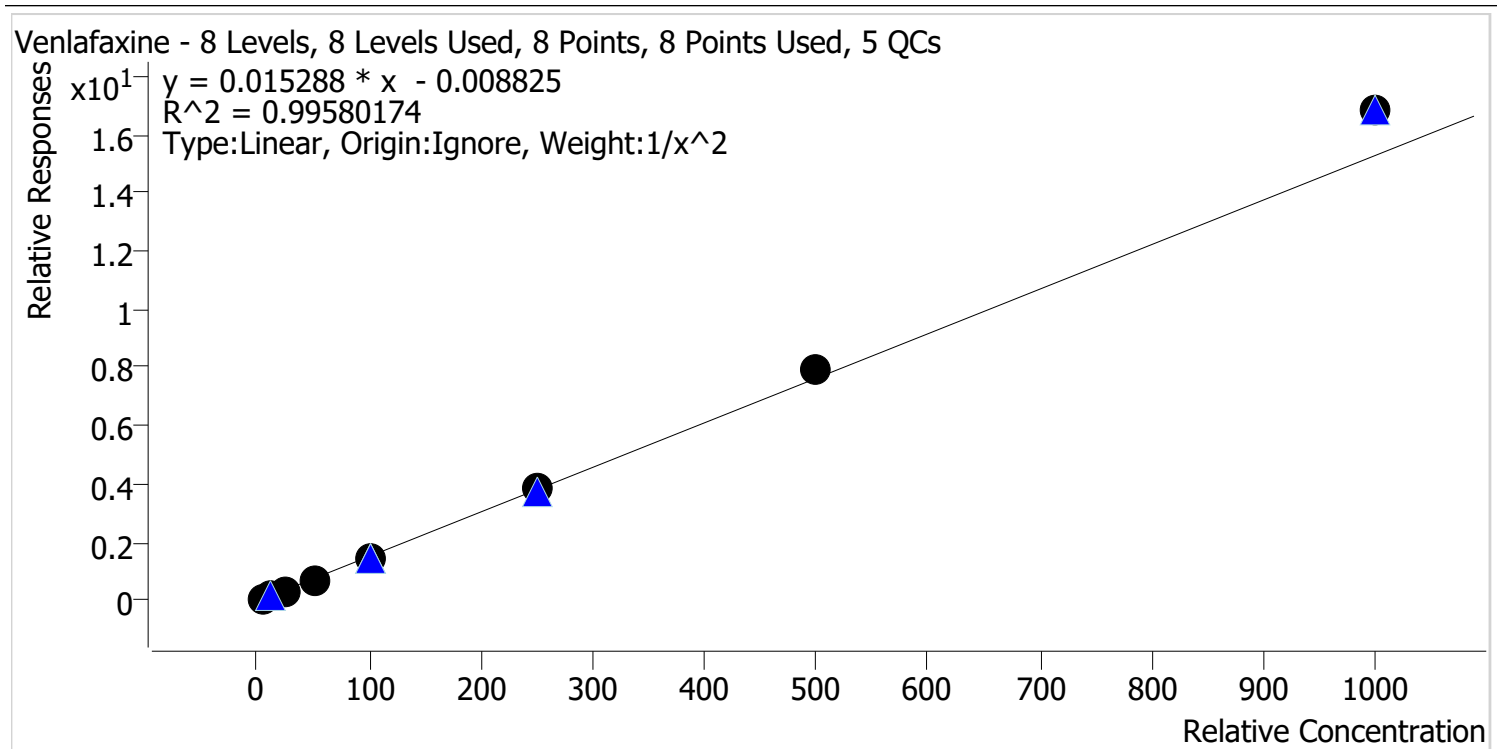
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.8
cal 2 mdqr	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	27.0	108.0
cal 4 mdq	4	✓	50.0	54.3	108.5
cal 5 mdq	5	✓	100.0	105.0	105.0
cal 6 mdq	6	✓	250.0	240.2	96.1
cal 7 mdq	7	✓	500.0	415.8	83.2
cal 8 mdq	8	✗	1000.0	737.2	73.7

cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

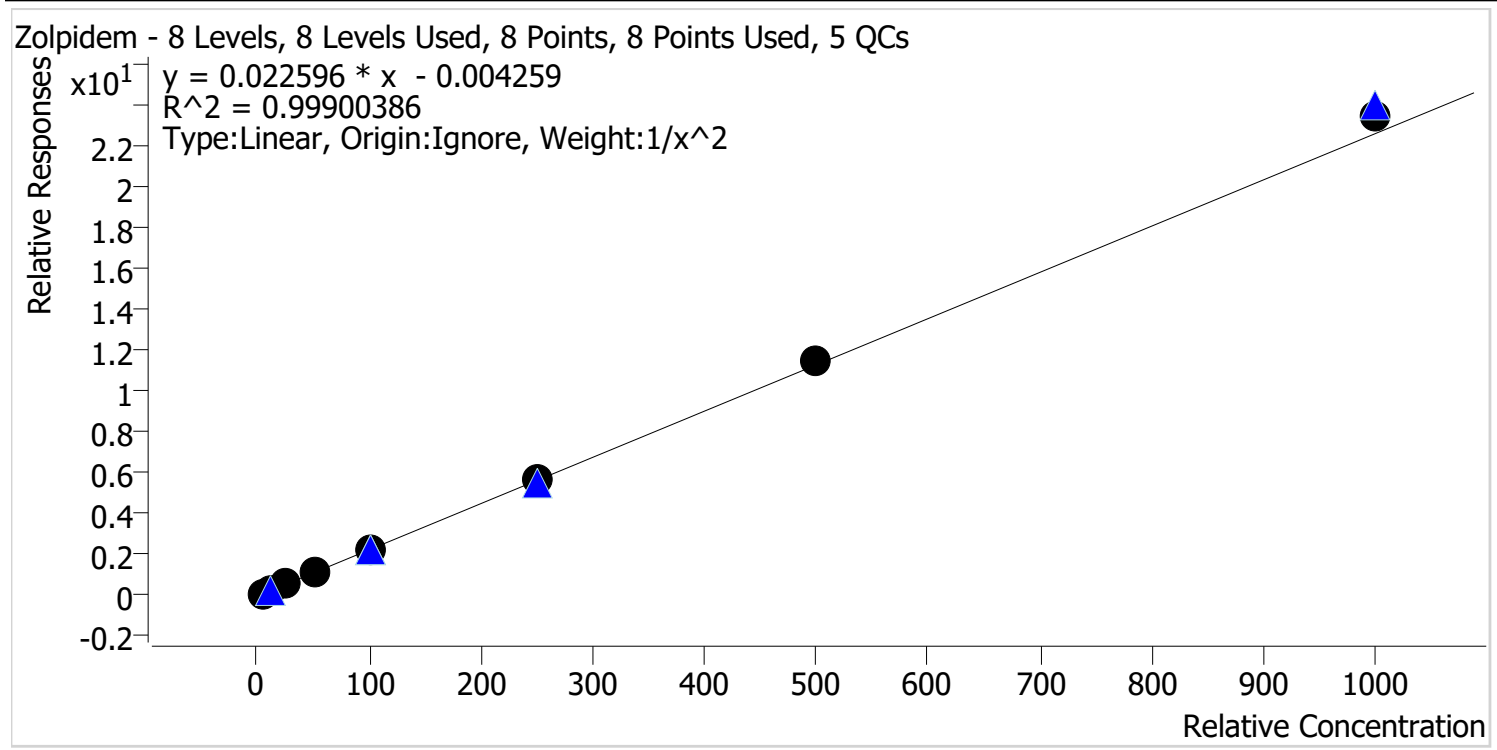


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.0
cal 2 mdqr	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	23.2	92.9
cal 4 mdq	4	✓	50.0	47.5	94.9
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	522.3	104.5
cal 8 mdq	8	✓	1000.0	1098.9	109.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



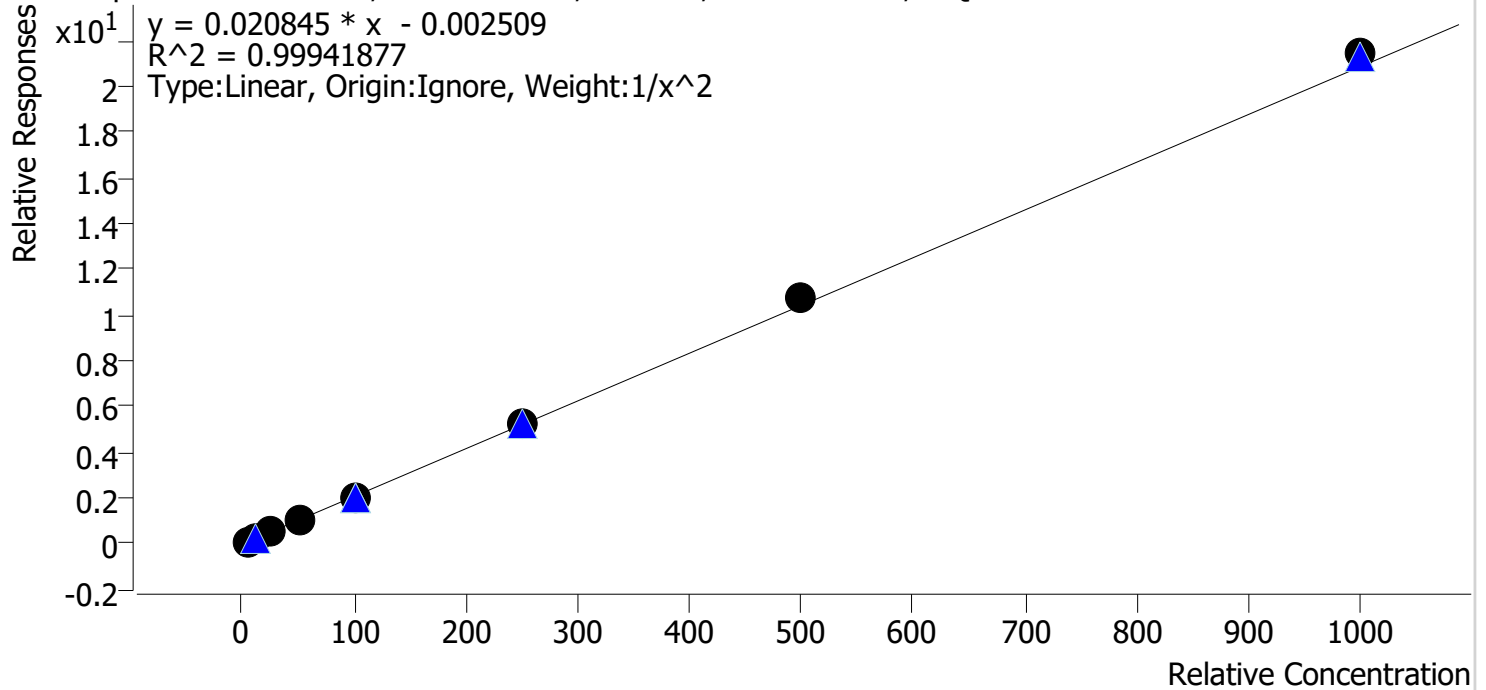
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdqr	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	511.9	102.4
cal 8 mdq	8	✓	1000.0	1041.0	104.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



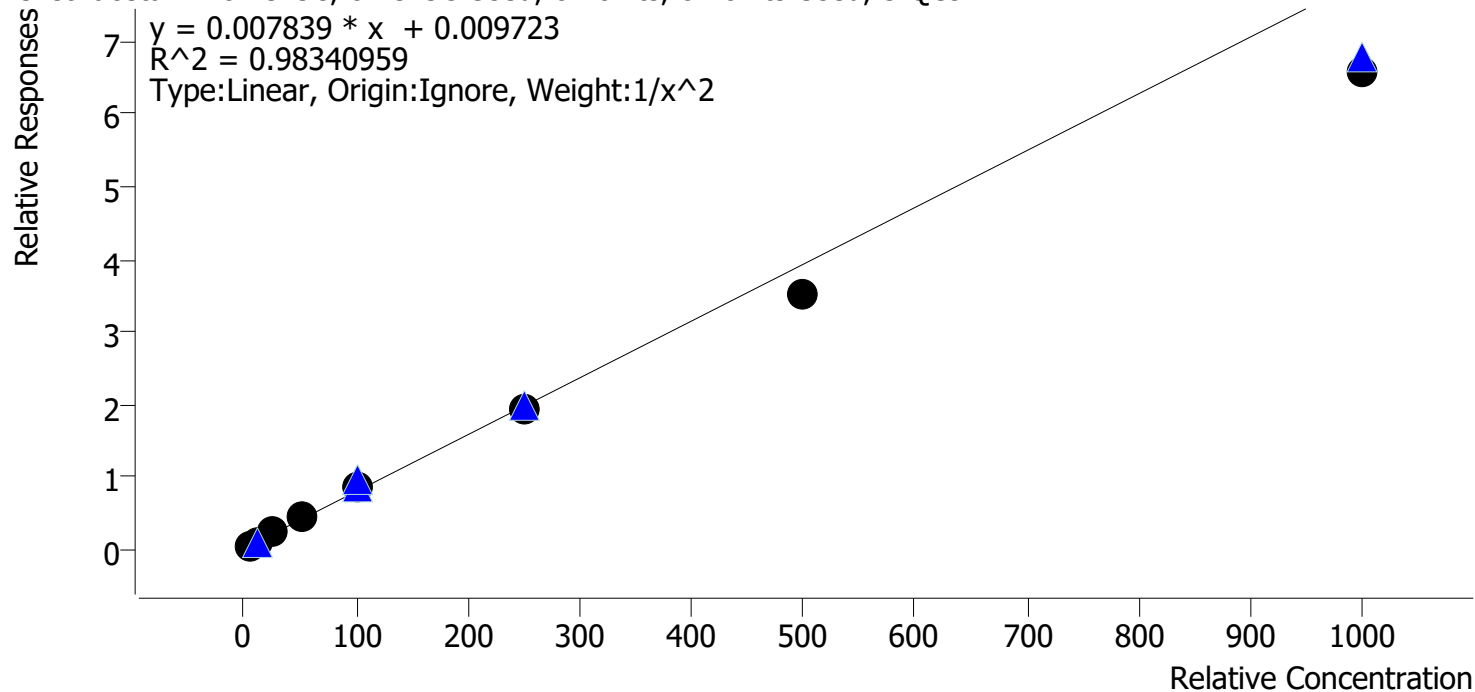
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdqr	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	250.6	100.2
cal 7 mdq	7	✓	500.0	514.4	102.9
cal 8 mdq	8	✓	1000.0	1027.6	102.8

Compound Calibration Report



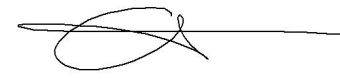
Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Methadone-D9

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



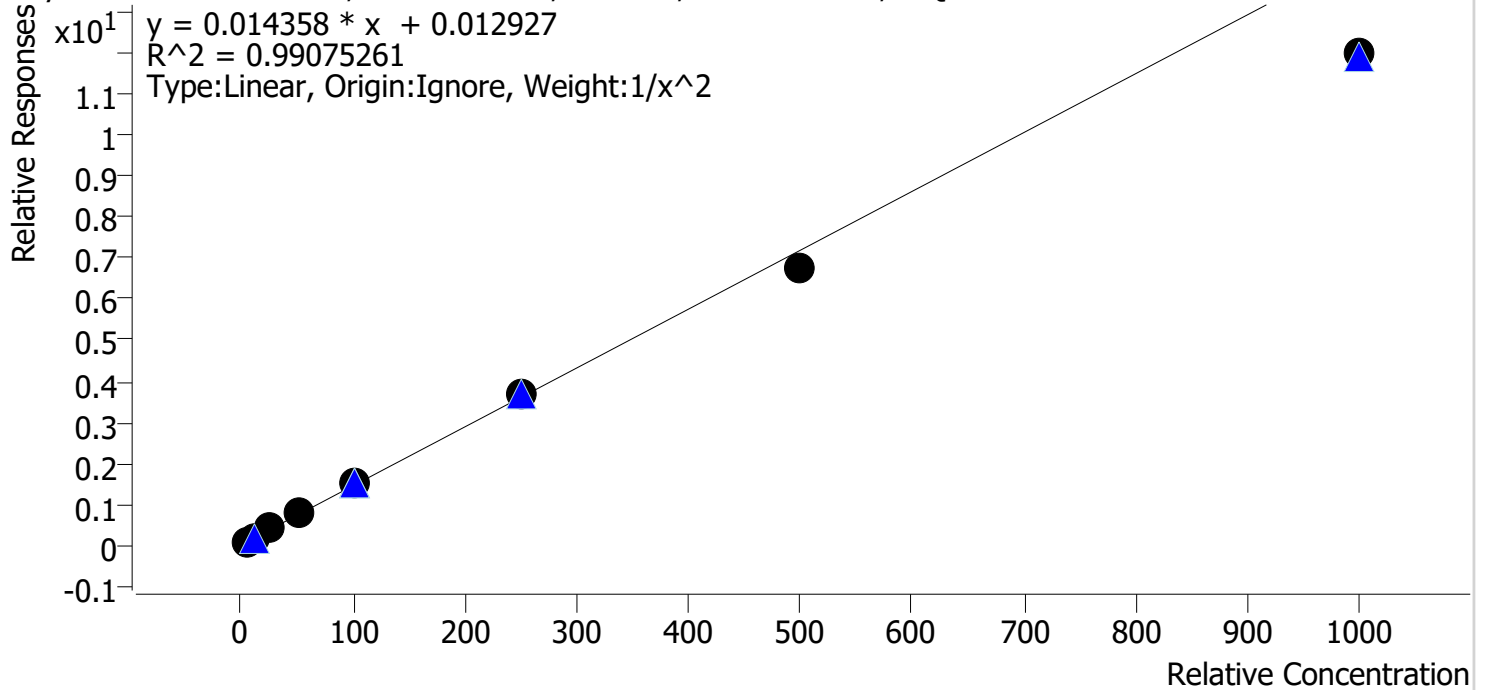
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	90.3
cal 2 mdqr	2	✓	10.0	11.5	114.6
cal 3 mdq	3	✓	25.0	26.6	106.4
cal 4 mdq	4	✓	50.0	54.5	109.0
cal 5 mdq	5	✓	100.0	109.2	109.2
cal 6 mdq	6	✓	250.0	242.8	97.1
cal 7 mdq	7	✓	500.0	447.4	89.5
cal 8 mdq	8	✓	1000.0	839.2	83.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Last Cal. Update 4/14/2022 12:25 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



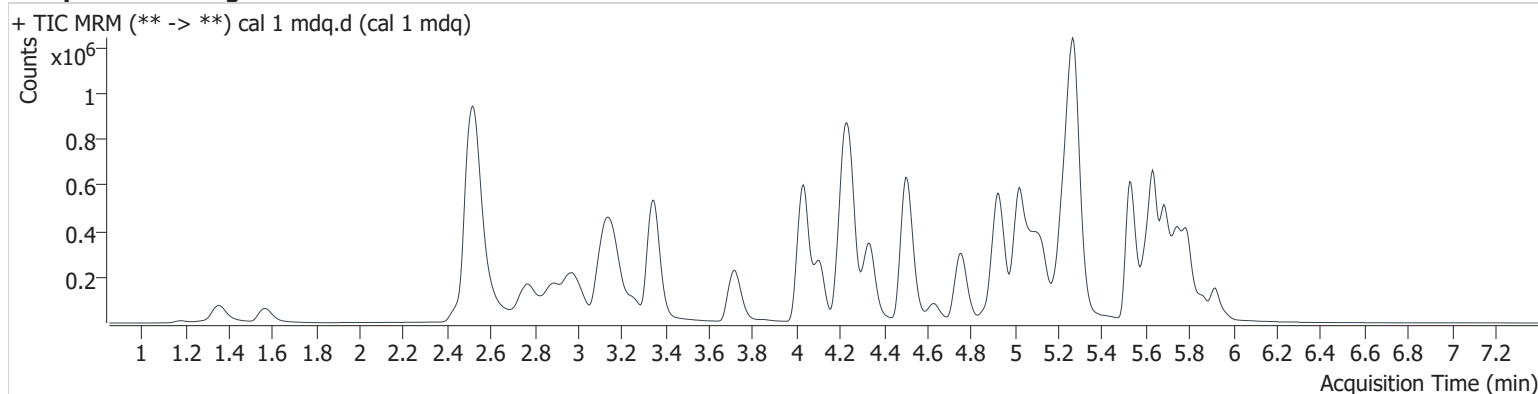
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.0
cal 2 mdqr	2	✓	10.0	10.3	102.8
cal 3 mdq	3	✓	25.0	27.1	108.5
cal 4 mdq	4	✓	50.0	53.9	107.8
cal 5 mdq	5	✓	100.0	105.2	105.2
cal 6 mdq	6	✓	250.0	254.4	101.7
cal 7 mdq	7	✓	500.0	472.9	94.6
cal 8 mdq	8	✓	1000.0	834.1	83.4

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-A5	Comment	
Injection Volume	3		
Acq. Date-Time	4/13/2022 2:49:11 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	1911	∞	142.7	60606.2	106886	0.494 ng/ml
7-aminoclonazepam	4.263	40054	2726.9	75.0	2490375038 791660.0	300829	4.935 ng/ml
a-hydroxyalprazolam	5.677	5587	∞	51.0	1803373.0	122047	4.642 ng/ml
alpha-PHP	4.912	87406	2689.4	40.2	1031.1	1020631	4.964 ng/ml
alpha-PVP	4.343	120989	6133.7	52.1	2917.2	1020631	5.062 ng/ml
Alprazolam	5.751	50761	∞	93.9	1501.4	347841	5.002 ng/ml
Amphetamine	2.985	103800	3081.4	227.4	3006.3	751533	4.702 ng/ml
Benzoylcegonine	3.876	2114	50.3	55.0	28.7	15438	4.997 ng/ml
Buprenorphine	5.769	5208	∞	11.4 Low	∞	151053	0.595 ng/ml
Bupropion	4.772	111689	3196.4	70.5	4478.1	1010667	5.074 ng/ml
Carisoprodol	5.706	33988	41395.9	64.8	618.2	301682	4.930 ng/ml
Citalopram	5.212	86336	1482.2	39.6	160102.2	773693	4.990 ng/ml
Clonazepam	5.599	33990	130649.0	35.7	70614.6	122047	4.901 ng/ml
Clonazolam	5.546	30093	15477.4	43.9	5855.9	769780	5.016 ng/ml
Cocaine	4.242	84831	1279716.7	51.0	∞	1495303	5.019 ng/ml
Codeine	2.532	13836	48842.1	88.5	17000.0	121355	4.979 ng/ml
Cyclobenzaprine	5.606	105650	12800.0	8.7	∞	671210	5.047 ng/ml
Dextromethorphan	5.250	64806	1822.0	73.9	51371.0	598022	5.112 ng/ml
Dextrorphan	4.109	71360	282519.6	46.2	167654.7	756058	5.573 ng/ml
Diazepam	5.924	35788	3348.1	85.4	6635.0	348999	5.000 ng/ml
Dihydrocodeine	2.490	31490	1258.9	61.7	112.6	384912	4.798 ng/ml
Diphenhydramine	5.277	267204	18699.7	30.6	∞	2896216	5.134 ng/ml
Doxylamine	4.522	264555	9493.9	77.8	12592.1	2059612	5.074 ng/ml
EDDP	5.245	128111	∞	40.8	418597.8	1346714	5.038 ng/ml
Etizolam	5.791	24735	∞	23.8	6734.9	348999	4.867 ng/ml
Fentanyl	5.092	9125	2426.1	118.6	9133.9	1027441	0.545 ng/ml
Flualprazolam	5.687	22758	∞	97.7	3190141.0	347841	4.973 ng/ml
Fluoxetine	5.688	98811	26982.3	7.4	32631.9	745088	5.004 ng/ml
Hydrocodone	2.993	47250	∞	36.2	3546.7	524792	4.857 ng/ml
Hydromorphone	1.577	35155	∞	67.9	3329.9	226663	5.146 ng/ml
Ketamine	4.038	76616	86854.7	37.2	361.1	776942	4.960 ng/ml
Lamotrigine	4.280	7860	11613.3	85.0	5728.4	795200	5.244 ng/ml

AM #28 Multi-Drug Quant. Results

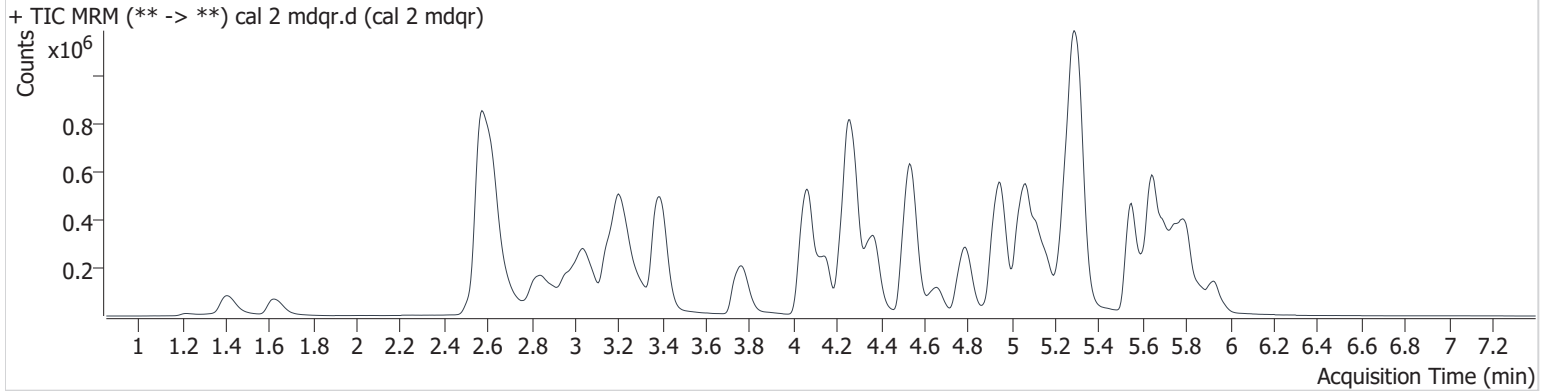
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.594	64266	1756.1	221.6	12873.4	1424219	4.516 ng/ml
Lorazepam	5.729	17582	∞	42.0	∞	263908	5.083 ng/ml
MDA	3.173	129208	2818.5	28.7	303.2	795200	4.905 ng/ml
MDMA	3.261	79397	8345.7	99.7	3491.3	175855	5.066 ng/ml
Meprobamate	4.903	28051	56976.4	30.3	349.4	301682	5.051 ng/ml
Methadone	5.636	152091	2525.6	58.1	1484.2	1424219	5.041 ng/ml
Methamphetamine	3.185	232618	1140.6	39.8	562.3	1462731	4.588 ng/ml
Metoprolol	4.305	18548	130440.5	103.8	∞	175855	4.635 ng/ml
Mirtazapine	4.631	168993	380210.5	46.6	22242.7	1424219	5.069 ng/ml
Mitragynine	5.226	33536	∞	33.9	10289.2	4249609	4.868 ng/ml
Morphine	1.191	3307	129196.2	24.4	5929.2	10090	5.077 ng/ml
Norbuprenorphine	4.992	883	482.6	93.5	833.9	29208	0.509 ng/ml
Nordiazepam	5.873	31411	∞	57.8	18950.1	213968	5.006 ng/ml
Norfentanyl	4.059	6183	283.5	35.8	∞	1459116	0.501 ng/ml
Norhydrocodone	3.044	2152	286.7	19.0 Low	51.7	109283	5.271 ng/ml
Noroxycodone	2.874	38354	∞	47.2	∞	287017	5.079 ng/ml
O-desmethyl-tramadol	3.353	183687	98166.9	6.4	1358.3	1970280	5.026 ng/ml
Oxazepam	5.736	30557	1483.3	77.3	∞	263908	4.928 ng/ml
Oxycodone	2.796	94478	∞	26.9	∞	848659	4.927 ng/ml
Oxymorphone	1.359	52850	∞	44.5	∞	360139	5.000 ng/ml
Phentermine	3.750	35570	430.2	9.5	109.3	921735	4.794 ng/ml
Promethazine	5.527	143349	149273.0	40.7	97874.8	1470013	5.030 ng/ml
Pseudoephedrine	2.534	435931	28417.7	24.3	8797.1	4249609	5.041 ng/ml
Quetiapine	5.540	91033	343691.7	59.4	119719.5	268322	5.011 ng/ml
Sertraline	5.757	35326	50280.9	95.9	76361.7	296477	5.057 ng/ml
Temazepam	5.793	80376	1846.5	29.0	904.7	769780	5.871 ng/ml
Tramadol	4.223	197706	24405.1	3.9	187.0	1876876	4.948 ng/ml
Trazodone	5.180	120961	205996.7	78.3	26553.8	1026021	4.792 ng/ml
Venlafaxine	5.026	138282	4899.7	38.0	1194.5	1977192	5.152 ng/ml
Zolpidem	4.946	196990	∞	28.9	56648.5	1781115	5.083 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 PM

Instrument 69679 **Data File** cal 2 mdqr.d
Type Cal **Sample** cal 2 mdqr
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-B5 **Comment**
Injection Volume 3
Acq. Date-Time 4/14/2022 11:38:24 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	3802	∞	134.6	33578.7	104797	1.017 ng/ml
7-aminoclonazepam	4.299	49884	1864.3	68.5	20398.9	181269	10.219 ng/ml
a-hydroxyalprazolam	5.687	11445	2141.9	55.4	4859.1	109880	11.484 ng/ml
alpha-PHP	4.944	158267	7988.9	41.7	6826.4	958171	9.940 ng/ml
alpha-PVP	4.379	224888	12516.5	54.4	4633.1	958171	9.884 ng/ml
Alprazolam	5.762	99261	1009.4	94.3	18734.2	341715	10.002 ng/ml
Amphetamine	3.052	193036	5299.2	244.9	31813.6	713481	10.629 ng/ml
Benzoylcegonine	3.907	3923	∞	55.3	49.9	14727	10.030 ng/ml
Buprenorphine	5.775	9168	7034.2	14.8	796.1	134050	1.113 ng/ml
Bupropion	4.803	205355	10283.7	70.2	1900.9	940673	9.832 ng/ml
Carisoprodol	5.716	68003	∞	59.2	556.6	291854	10.269 ng/ml
Citalopram	5.243	153946	1896.0	39.0	2590.4	681775	10.015 ng/ml
Clonazepam	5.615	59994	33130.5	35.8	∞	109880	10.128 ng/ml
Clonazepam	5.556	58008	32074.0	41.4	15218.9	750197	9.615 ng/ml
Cocaine	4.278	157019	685771.4	51.5	7854.4	1388081	9.958 ng/ml
Codeine	2.603	24931	17002.8	91.7	∞	115583	9.887 ng/ml
Cyclobenzaprine	5.622	132808	2659.8	7.6	701.4	437668	9.831 ng/ml
Dextromethorphan	5.281	110369	4959.4	72.7	379520.5	520000	10.100 ng/ml
Dextrophan	4.151	140237	∞	44.3	1608726.0	725933	10.414 ng/ml
Diazepam	5.935	65555	13996.1	85.2	8337.2	317274	10.047 ng/ml
Dihydrocodeine	2.557	59128	229.7	59.7	1940.2	368283	10.281 ng/ml
Diphenhydramine	5.308	473308	8342.2	32.4	8234.6	2630599	9.759 ng/ml
Doxylamine	4.553	494143	36118.6	78.2	20000.8	1978241	9.825 ng/ml
EDDP	5.271	249471	5150.8	42.8	112137.8	1309207	10.026 ng/ml
Etizolam	5.797	45238	40628.3	24.0	∞	317274	10.348 ng/ml
Fentanyl	5.118	14452	∞	109.1	∞	806493	1.028 ng/ml
Flualprazolam	5.692	45642	17867.4	95.9	∞	341715	10.128 ng/ml
Fluoxetine	5.698	88247	28054.6	6.9	∞	329852	10.076 ng/ml
Hydrocodone	3.039	93062	998.8	35.6	546.9	502618	10.427 ng/ml
Hydromorphone	1.628	65485	194941.2	74.1	763.5	226204	9.631 ng/ml
Ketamine	4.069	148472	8149.5	36.9	682.8	745611	10.083 ng/ml
Lamotrigine	4.331	14244	64702.4	91.6	7793.9	792666	9.427 ng/ml
Levetiracetam	2.651	122237	∞	224.8	5487.6	1228076	11.457 ng/ml

AM #28 Multi-Drug Quant. Results

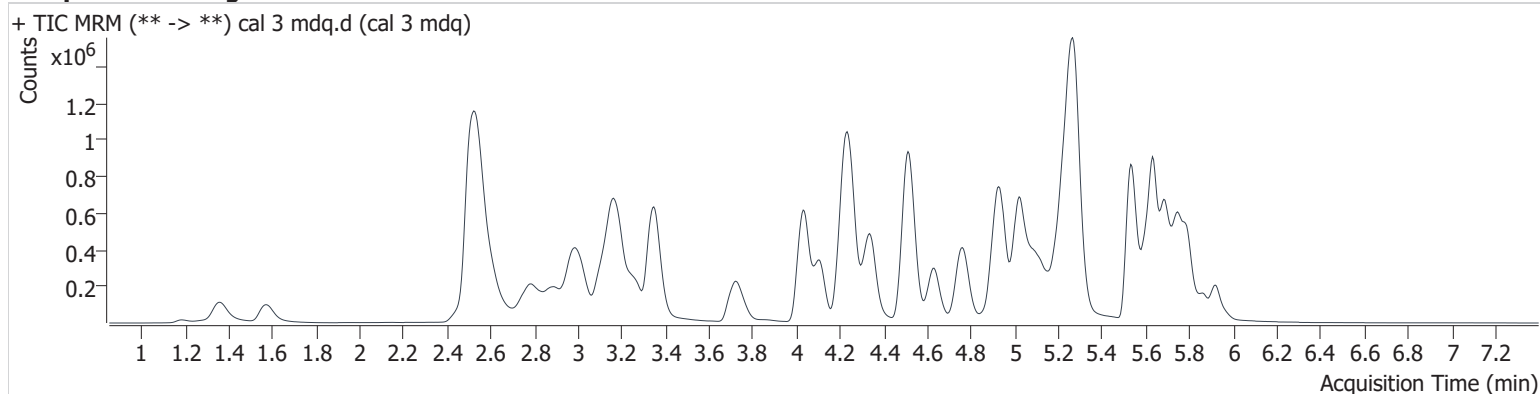
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.735	31096	∞	44.9	∞	247660	9.991 ng/ml
MDA	3.225	243054	3448.8	29.5	558.4	792666	9.912 ng/ml
MDMA	3.312	141989	23395.3	105.0	4959.8	162957	9.718 ng/ml
Meprobamate	4.939	57169	52418.1	27.9	524.6	291854	9.979 ng/ml
Methadone	5.651	273527	3685.1	55.4	17346.0	1228076	10.093 ng/ml
Methamphetamine	3.231	406644	5817051463 1448.4	41.1	3248.8	1405148	11.130 ng/ml
Metoprolol	4.331	35352	106961.0	102.2	∞	162957	10.700 ng/ml
Mirtazapine	4.657	296316	17039.1	47.2	356587.5	1228076	10.072 ng/ml
Mitragynine	5.252	56174	38826.2	32.6	31804.5	4016465	9.678 ng/ml
Morphine	1.231	7259	2853.4	21.1	334.4	11333	9.517 ng/ml
Norbuprenorphine	5.013	1329	1518.7	115.2 High	2051.2	27085	0.900 ng/ml
Nordiazepam	5.883	56750	∞	61.1	∞	202178	9.991 ng/ml
Norfentanyl	4.095	11661	321.4	35.2	∞	1413573	0.991 ng/ml
Norhydrocodone	3.085	4013	216.3	21.0	1157.3	108606	8.885 ng/ml
Noroxycodone	2.931	71522	∞	47.8	∞	276519	9.724 ng/ml
O-desmethyl-tramadol	3.394	348493	142106.2	6.4	2769.9	1868098	10.014 ng/ml
Oxazepam	5.752	64180	781.2	68.4	333.2	247660	10.466 ng/ml
Oxycodone	2.853	177889	∞	30.3	∞	773186	10.329 ng/ml
Oxymorphone	1.409	101151	∞	45.1	7189.7	353649	9.937 ng/ml
Phentermine	3.797	73324	368.5	9.3	∞	908289	10.443 ng/ml
Promethazine	5.548	186628	5228.7	40.0	3329.9	915228	10.148 ng/ml
Pseudoephedrine	2.585	824106	30236.9	24.6	7310.2	4016465	9.963 ng/ml
Quetiapine	5.556	157815	359124.9	61.0	406670.4	248755	9.712 ng/ml
Sertraline	5.767	23127	∞	94.8	8124.9	101455	9.875 ng/ml
Temazepam	5.809	155035	6926.9	26.8	13047.3	750197	10.402 ng/ml
Tramadol	4.259	366211	49730.3	3.9	76.2	1819907	10.081 ng/ml
Trazodone	5.201	203007	9831.9	79.6	5562.6	878021	10.340 ng/ml
Venlafaxine	5.057	259456	4971.8	38.1	824.4	1841427	9.794 ng/ml
Zolpidem	4.962	366184	137663.6	28.2	6568.0	1672235	9.880 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-C5 Comment
Injection Volume 3
Acq. Date-Time 4/13/2022 3:07:15 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.124	8477	1366.5	136.6	∞	95326	2.515 ng/ml
7-aminoclonazepam	4.263	172443	25188.1	72.5	36124.0	253285	25.309 ng/ml
a-hydroxyalprazolam	5.677	21783	∞	56.0	∞	100234	24.744 ng/ml
alpha-PHP	4.912	370015	41875.8	41.1	105611.9	887944	25.678 ng/ml
alpha-PVP	4.343	521623	32155.4	53.9	18453.0	887944	24.529 ng/ml
Alprazolam	5.751	206857	1721.1	93.4	3960.2	285609	25.006 ng/ml
Amphetamine	2.991	426217	11906.2	242.6	6466.7	659908	27.425 ng/ml
Benzoylcegonine	3.876	9152	7530.2	53.0	118.3	14011	25.072 ng/ml
Buprenorphine	5.775	20810	∞	14.8	6123.1	133682	2.446 ng/ml
Bupropion	4.772	482953	41825.0	70.4	6770.4	880824	24.397 ng/ml
Carisoprodol	5.706	133896	86786.8	62.4	5427.5	236963	25.001 ng/ml
Citalopram	5.212	373204	6512.3	37.8	16126.3	647896	25.425 ng/ml
Clonazepam	5.599	137806	99785.5	35.4	25437.6	100234	26.323 ng/ml
Clonazepam	5.546	130768	263972.4	38.6	∞	587206	27.105 ng/ml
Cocaine	4.247	362214	68515.4	51.1	253052.5	1278042	24.872 ng/ml
Codeine	2.537	57325	103307.2	90.8	∞	104293	26.006 ng/ml
Cyclobenzaprine	5.606	439480	23493.5	8.3	1077.1	577576	24.819 ng/ml
Dextromethorphan	5.250	270128	8304.7	74.3	284909.7	523934	24.664 ng/ml
Dextrophan	4.109	318501	2198869.3	43.4	2062482.9	672124	24.170 ng/ml
Diazepam	5.924	153530	2382.2	85.3	1816.8	299569	24.882 ng/ml
Dihydrocodeine	2.495	137366	1743.1	60.8	4655.3	341347	27.127 ng/ml
Diphenhydramine	5.277	1122803	386494.1	31.9	10157.5	2512574	23.841 ng/ml
Doxylamine	4.522	1154662	30604.9	76.8	82106.3	1854370	24.425 ng/ml
EDDP	5.245	559885	17878.9	43.1	260091.9	1190493	24.648 ng/ml
Etizolam	5.786	103230	35162.8	24.9	59863.7	299569	25.787 ng/ml
Fentanyl	5.092	39780	4049.9	109.2	77079.9	918766	2.384 ng/ml
Flualprazolam	5.687	92663	3727.7	101.8	4845.8	285609	24.570 ng/ml
Fluoxetine	5.688	410602	∞	7.1	26507.4	624375	24.741 ng/ml
Hydrocodone	3.003	190332	∞	37.9	∞	440706	24.873 ng/ml
Hydromorphone	1.577	149301	∞	74.2	2818.8	212096	23.463 ng/ml
Ketamine	4.038	338496	33290.1	36.8	1534.2	672918	25.572 ng/ml
Lamotrigine	4.280	30287	61394.1	93.1	2844.9	693198	22.734 ng/ml
Levetiracetam	2.600	271650	7718.8	227.8	23169.4	1244253	26.610 ng/ml

AM #28 Multi-Drug Quant. Results

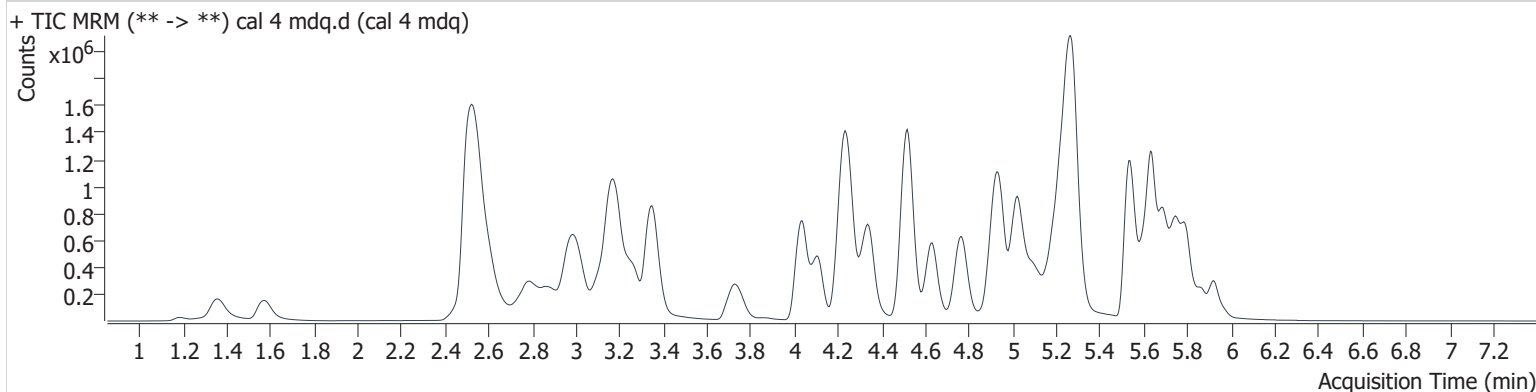
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	58700	∞	48.1	1809.5	199156	24.078 ng/ml
MDA	3.173	548381	29264.9	28.2	1283.5	693198	26.737 ng/ml
MDMA	3.266	347084	31536.7	98.9	20410.4	152590	25.267 ng/ml
Meprobamate	4.897	115868	144952.0	30.5	952.9	236963	24.014 ng/ml
Methadone	5.636	674679	2172274.6	54.0	14067.4	1244253	24.017 ng/ml
Methamphetamine	3.185	784668	11657.4	40.2	∞	1297692	26.952 ng/ml
Metoprolol	4.305	81837	∞	97.3	∞	152590	28.077 ng/ml
Mirtazapine	4.631	712166	438439.9	48.2	29544.5	1244253	23.579 ng/ml
Mitragynine	5.226	140960	87117.7	33.6	14826.2	3694095	28.756 ng/ml
Morphine	1.191	16162	5456.2	23.0	1192.5	9192	25.388 ng/ml
Norbuprenorphine	4.982	3505	2665.9	75.6	2049.9	27339	2.538 ng/ml
Nordiazepam	5.873	126866	∞	59.0	∞	178566	25.572 ng/ml
Norfentanyl	4.064	27306	583.4	34.6	10016.2	1287633	2.576 ng/ml
Norhydrocodone	3.049	8343	2332.7	20.8	99.4	91364	20.271 ng/ml
Noroxycodone	2.869	168634	∞	46.1	∞	251762	24.999 ng/ml
O-desmethyl-tramadol	3.353	797701	149475.2	6.6	7220.4	1730282	24.686 ng/ml
Oxazepam	5.731	125030	∞	69.5	2334.2	199156	24.709 ng/ml
Oxycodone	2.802	411880	∞	29.8	∞	748811	24.883 ng/ml
Oxymorphone	1.359	231581	∞	44.4	∞	321672	25.318 ng/ml
Phentermine	3.755	161927	2224.7	9.2	1510.4	811260	26.379 ng/ml
Promethazine	5.533	630544	84733.0	40.0	8537.5	1276058	24.107 ng/ml
Pseudoephedrine	2.534	1884466	17104.6	24.4	35683.1	3694095	24.592 ng/ml
Quetiapine	5.545	375632	∞	62.3	∞	223641	26.360 ng/ml
Sertraline	5.757	147157	217322.7	100.6	11410.4	268250	24.075 ng/ml
Temazepam	5.793	295747	21082.5	29.5	2495.2	587206	23.564 ng/ml
Tramadol	4.228	815712	29402.5	3.6	445.9	1665138	25.533 ng/ml
Trazodone	5.180	507246	40739.4	80.4	6792.3	887423	27.003 ng/ml
Venlafaxine	5.026	598745	97981.8	38.2	8910.4	1728406	23.236 ng/ml
Zolpidem	4.946	821617	∞	29.4	∞	1525487	24.024 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-D5 **Comment**
Injection Volume 3
Acq. Date-Time 4/13/2022 3:16:18 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	17156	1366.0	132.5	∞	94733	5.138 ng/ml
7-aminoclonazepam	4.263	326560	5697.8	74.6	64084.4	244766	49.615 ng/ml
a-hydroxyalprazolam	5.677	42145	∞	59.0	159935.0	95953	50.748 ng/ml
alpha-PHP	4.912	745230	19680.2	40.1	29014.6	894301	51.744 ng/ml
alpha-PVP	4.343	1049880	54783.0	53.8	64420.0	894301	48.878 ng/ml
Alprazolam	5.751	409116	5882.7	93.2	11824.8	289452	48.843 ng/ml
Amphetamine	2.991	819024	15725.7	237.9	42844.3	649274	54.972 ng/ml
Benzoylcegonine	3.876	18090	∞	54.1	488.4	14069	49.674 ng/ml
Buprenorphine	5.775	42444	210194.0	15.7	9237.2	133523	4.924 ng/ml
Bupropion	4.772	1005350	209538.4	69.9	11353.0	904250	49.268 ng/ml
Carisoprodol	5.706	259092	246638.1	61.2	8450.5	225283	50.957 ng/ml
Citalopram	5.212	711053	19496.3	40.2	52205.2	638204	49.101 ng/ml
Clonazepam	5.599	250353	67595.1	35.2	100478.6	95953	50.440 ng/ml
Clonazepam	5.546	248820	139823.6	41.3	71220.4	615993	48.910 ng/ml
Cocaine	4.247	736219	747661.3	50.1	60044.0	1292812	49.926 ng/ml
Codeine	2.537	109277	14252.0	90.9	7646.1	102638	50.864 ng/ml
Cyclobenzaprine	5.606	791934	21821.9	8.1	∞	512928	50.473 ng/ml
Dextromethorphan	5.250	507329	5591.8	76.4	44510.4	504067	48.235 ng/ml
Dextrophan	4.109	659541	52173.3	44.9	∞	688277	47.907 ng/ml
Diazepam	5.924	304584	10838.5	87.3	∞	298122	49.575 ng/ml
Dihydrocodeine	2.485	267657	771.2	61.9	2843.7	340057	53.918 ng/ml
Diphenhydramine	5.277	2206320	1251914.3	32.0	30039.9	2455686	47.664 ng/ml
Doxylamine	4.522	2301899	85291.6	78.0	39729.0	1834963	49.161 ng/ml
EDDP	5.245	1094039	∞	43.8	∞	1208883	47.370 ng/ml
Etizolam	5.791	203617	∞	24.7	2952612.8	298122	51.650 ng/ml
Fentanyl	5.092	79800	8118.4	110.6	986132.3	889593	4.863 ng/ml
Flualprazolam	5.687	193783	4845.9	92.7	4539.0	289452	50.675 ng/ml
Fluoxetine	5.688	580538	22681.5	7.1	3734.5	447502	48.787 ng/ml
Hydrocodone	2.993	385132	∞	36.4	∞	414742	53.959 ng/ml
Hydromorphone	1.577	312507	∞	73.7	88720.9	203698	51.171 ng/ml
Ketamine	4.038	685628	65890.6	37.8	8116.5	701346	49.759 ng/ml
Lamotrigine	4.280	60001	28447.4	93.7	267768.1	655350	47.495 ng/ml
Levetiracetam	2.594	538474	7853.6	224.8	30615.8	1232745	54.481 ng/ml

AM #28 Multi-Drug Quant. Results

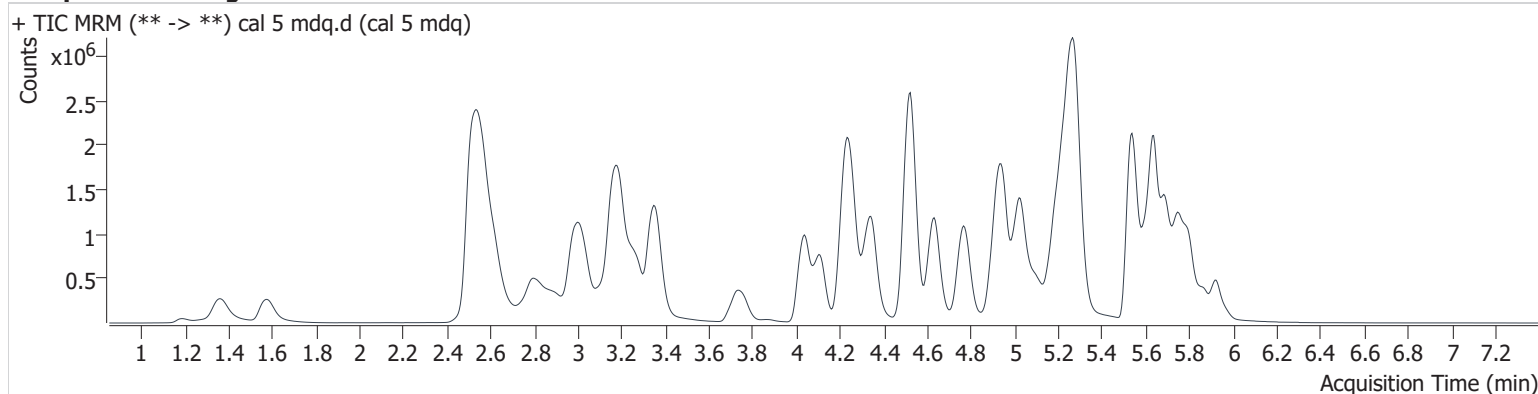
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	102886	∞	49.1	11787.9	180303	47.050 ng/ml
MDA	3.173	1019931	26449.0	28.2	3363.3	655350	53.312 ng/ml
MDMA	3.266	691109	289264.8	98.7	55481.0	154333	49.682 ng/ml
Meprobamate	4.897	226954	562948.3	28.8	1940.8	225283	48.841 ng/ml
Methadone	5.636	1331171	46270.9	55.2	9856.3	1232745	47.446 ng/ml
Methamphetamine	3.180	1533158	15761.9	40.5	∞	1331707	54.384 ng/ml
Metoprolol	4.305	161727	529572.1	99.0	∞	154333	55.912 ng/ml
Mirtazapine	4.631	1426596	61608.6	47.7	53268.1	1232745	47.441 ng/ml
Mitragynine	5.226	263237	∞	33.6	76548.9	3707527	54.676 ng/ml
Morphine	1.186	32684	7319.6	22.3	2186.6	8728	53.590 ng/ml
Norbuprenorphine	4.987	6206	36445.7	100.3	9951.1	26772	4.684 ng/ml
Nordiazepam	5.873	253840	∞	63.0	∞	184418	49.872 ng/ml
Norfentanyl	4.059	52157	10843.1	36.4	17984.2	1307456	4.861 ng/ml
Norhydrocodone	3.039	16788	1358.5	22.5	254.7	84657	42.676 ng/ml
Noroxycodone	2.874	325041	∞	46.9	∞	245370	49.328 ng/ml
O-desmethyl-tramadol	3.353	1622221	1898130.2	6.5	5749.2	1783772	48.656 ng/ml
Oxazepam	5.731	219733	11520.8	71.7	∞	180303	47.538 ng/ml
Oxycodone	2.791	810366	∞	29.7	∞	741317	49.586 ng/ml
Oxymorphone	1.359	452207	∞	45.0	∞	319417	49.982 ng/ml
Phentermine	3.755	331469	4284.2	7.8	2821.2	827165	53.343 ng/ml
Promethazine	5.527	1128758	2776635.7	39.9	∞	1152403	47.452 ng/ml
Pseudoephedrine	2.529	3753132	61894.0	24.6	87106.6	3707527	48.683 ng/ml
Quetiapine	5.545	740011	∞	61.5	3772840.7	230537	50.735 ng/ml
Sertraline	5.757	180375	105841.8	96.9	29966.7	156211	50.918 ng/ml
Temazepam	5.799	628776	∞	29.6	6949.4	615993	46.480 ng/ml
Tramadol	4.228	1657523	54451.6	3.5	1260.6	1708904	51.232 ng/ml
Trazodone	5.180	1003743	48218.1	79.7	836347.4	889462	54.265 ng/ml
Venlafaxine	5.021	1256543	66732.8	37.3	20091.4	1753429	47.452 ng/ml
Zolpidem	4.946	1718509	134480.2	28.9	∞	1571130	48.596 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-E5 Comment
Injection Volume 3
Acq. Date-Time 4/13/2022 3:25:20 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	33612	∞	136.9	∞	95332	10.017 ng/ml
7-aminoclonazepam	4.263	580336	∞	76.4	24036.2	214875	100.456 ng/ml
a-hydroxyalprazolam	5.672	68926	1493.4	56.3	666.5	80378	99.766 ng/ml
alpha-PHP	4.912	1507328	82068.5	39.8	20352.1	910613	103.174 ng/ml
alpha-PVP	4.348	2150699	78026.5	53.8	86433.7	910613	98.192 ng/ml
Alprazolam	5.751	766622	2931.6	93.2	10774.2	263478	100.596 ng/ml
Amphetamine	3.006	1538947	48007.7	233.8	48325.4	657891	103.203 ng/ml
Benzoylcegonine	3.871	39635	∞	54.7	807.9	15613	98.395 ng/ml
Buprenorphine	5.775	81023	11983.8	16.2	22832.8	134143	9.295 ng/ml
Bupropion	4.772	2086497	131723.5	69.5	40052.1	931098	99.103 ng/ml
Carisoprodol	5.706	424713	387635.9	62.4	9102.3	195145	96.492 ng/ml
Citalopram	5.206	1359873	13119.2	39.2	926522.8	609879	98.185 ng/ml
Clonazepam	5.599	428076	6534.9	36.1	317492.4	80378	103.522 ng/ml
Clonazepam	5.546	440994	∞	41.3	140391.8	527366	100.919 ng/ml
Cocaine	4.247	1438516	158287.2	50.7	∞	1279676	98.503 ng/ml
Codeine	2.552	203538	30695.5	93.2	15168.9	96612	101.159 ng/ml
Cyclobenzaprine	5.606	1697784	61224.4	8.3	156116.4	564211	98.475 ng/ml
Dextromethorphan	5.250	1000133	13646.3	72.6	44852.4	482180	99.501 ng/ml
Dextrophan	4.109	1352690	72468.7	44.5	35674.6	707256	94.676 ng/ml
Diazepam	5.924	604062	7295.1	87.9	13169.7	297545	98.483 ng/ml
Dihydrocodeine	2.500	526939	505.0	62.1	2610.9	346058	105.150 ng/ml
Diphenhydramine	5.282	4428045	1447466.5	32.0	81975.3	2424531	96.614 ng/ml
Doxylamine	4.522	4834508	68428.6	80.2	101574.7	1911796	99.055 ng/ml
EDDP	5.239	2193280	214329.1	44.4	80949.7	1178867	97.313 ng/ml
Etizolam	5.791	392745	61881.0	25.5	∞	297545	100.331 ng/ml
Fentanyl	5.092	170926	10860.2	115.2	520345.9	961399	9.568 ng/ml
Flualprazolam	5.682	353320	15346.5	95.8	33583.5	263478	101.479 ng/ml
Fluoxetine	5.693	1386439	167761.7	7.1	244425.7	525114	99.274 ng/ml
Hydrocodone	2.998	749124	∞	35.5	∞	422387	103.433 ng/ml
Hydromorphone	1.577	641491	∞	73.8	∞	221845	96.475 ng/ml
Ketamine	4.043	1405892	123335.7	38.2	5089.7	719868	99.473 ng/ml
Lamotrigine	4.285	116682	5741.7	90.6	25899.2	582364	103.784 ng/ml
Levetiracetam	2.610	1094186	83182.7	223.7	43471.8	1263924	109.192 ng/ml

AM #28 Multi-Drug Quant. Results

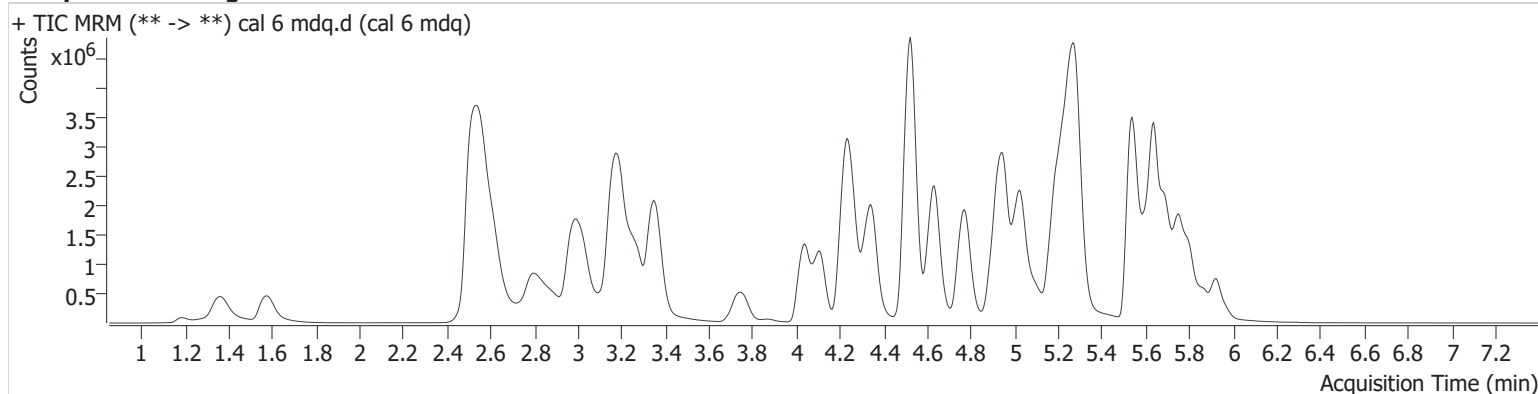
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	136020	∞	48.7	∞	124407	90.574 ng/ml
MDA	3.173	1807936	21497.8	28.0	10344.3	582364	107.080 ng/ml
MDMA	3.266	1392787	83318.7	99.1	75311.2	157322	98.160 ng/ml
Meprobamate	4.897	400856	340187.6	28.8	9109.6	195145	98.967 ng/ml
Methadone	5.636	2864072	10592562.6	52.9	71419.9	1263924	99.139 ng/ml
Methamphetamine	3.185	3015350	18944.9	40.2	8103.3	1382528	106.063 ng/ml
Metoprolol	4.305	313819	3446772.4	96.8	∞	157322	107.429 ng/ml
Mirtazapine	4.631	2974407	374887.8	49.0	564899.2	1263924	96.236 ng/ml
Mitragynine	5.226	520706	878680.2	32.5	277344.1	3690811	109.986 ng/ml
Morphine	1.191	66969	25076.0	22.8	4964.1	9825	97.193 ng/ml
Norbuprenorphine	4.982	13518	27078.1	82.0	23271.9	25895	10.695 ng/ml
Nordiazepam	5.873	488427	∞	61.4	∞	176575	100.578 ng/ml
Norfentanyl	4.064	102894	8431.4	37.3	126259.3	1254745	10.011 ng/ml
Norhydrocodone	3.044	34010	987.4	25.6	421.6	79555	90.674 ng/ml
Noroxycodone	2.874	617458	∞	46.0	∞	232712	98.687 ng/ml
O-desmethyl-tramadol	3.353	3390393	183190.2	6.5	22046.7	1851737	97.914 ng/ml
Oxazepam	5.731	309457	24149.0	72.8	∞	124407	96.556 ng/ml
Oxycodone	2.802	1695057	∞	29.9	∞	773227	99.577 ng/ml
Oxymorphone	1.359	934875	∞	44.6	∞	327154	101.093 ng/ml
Phentermine	3.755	662248	7100.3	8.3	∞	845782	104.591 ng/ml
Promethazine	5.527	2591328	11160019.7	39.4	180902.9	1299005	96.291 ng/ml
Pseudoephedrine	2.539	7524831	118446.1	24.2	45282.0	3690811	97.926 ng/ml
Quetiapine	5.545	1480873	1324722.4	62.2	∞	234125	100.354 ng/ml
Sertraline	5.757	468134	∞	96.7	212880.5	206466	100.194 ng/ml
Temazepam	5.799	1116881	27261.3	29.0	3091.2	527366	95.101 ng/ml
Tramadol	4.223	3311685	7713478.1	3.6	3712.7	1760386	100.016 ng/ml
Trazodone	5.180	2077409	198474.8	79.9	7759620.4	959975	104.959 ng/ml
Venlafaxine	5.026	2564947	∞	37.3	11809.7	1755736	96.135 ng/ml
Zolpidem	4.946	3501033	16767001.9	28.7	1950078.0	1572674	98.709 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-F5	Comment	
Injection Volume	3		
Acq. Date-Time	4/13/2022 3:34:22 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	66015	6395.8	135.7	164504.3	75400	24.897 ng/ml
7-aminoclonazepam	4.263	948167	44023.2	77.1	24941.7	139009	253.729 ng/ml
a-hydroxyalprazolam	5.672	91246	2102.4	57.4	5726.2	47207	225.782 ng/ml
alpha-PHP	4.912	2862248	161670.7	40.4	46961.8	704755	253.716 ng/ml
alpha-PVP	4.348	4227932	181581.9	53.4	273536.3	704755	249.197 ng/ml
Alprazolam	5.751	1309632	2222.7	94.4	1671.5	178147	254.235 ng/ml
Amphetamine	2.985	2735658	36836.6	231.3	81140.3	513518	236.922 ng/ml
Benzoylcegonine	3.871	79719	78731.2	56.6	2991.2	12587	245.969 ng/ml
Buprenorphine	5.775	156777	∞	15.9	18821.5	100892	23.804 ng/ml
Bupropion	4.772	4215842	5988733.9	69.2	20609.4	746898	249.327 ng/ml
Carisoprodol	5.711	658638	674729.5	59.9	84405.6	113510	257.369 ng/ml
Citalopram	5.206	2325054	43995.5	40.8	104277.6	404165	253.189 ng/ml
Clonazepam	5.599	607164	∞	35.7	503431.8	47207	250.769 ng/ml
Clonazepam	5.551	679577	43924.5	39.6	4188.3	303385	269.808 ng/ml
Cocaine	4.247	2718419	266991.0	50.2	∞	949187	250.880 ng/ml
Codeine	2.547	353354	51711.2	91.7	15097.1	67957	250.441 ng/ml
Cyclobenzaprine	5.606	3187601	194487.8	8.2	316767.2	410330	254.399 ng/ml
Dextromethorphan	5.250	1748044	291813.6	76.1	2373829.9	331296	253.254 ng/ml
Dextrophan	4.109	2634455	142873.3	44.2	2080209.9	542284	239.023 ng/ml
Diazepam	5.924	1162250	∞	87.0	∞	227368	247.930 ng/ml
Dihydrocodeine	2.490	1005120	6186.4	61.1	4428.2	274232	254.370 ng/ml
Diphenhydramine	5.282	8328834	171780.7	31.4	697312.3	1753299	250.867 ng/ml
Doxylamine	4.522	10067340	∞	79.1	950492.0	1540445	255.925 ng/ml
EDDP	5.245	4135547	90487.3	43.2	∞	870993	248.246 ng/ml
Etizolam	5.791	741845	16152.3	24.4	73011.1	227368	248.814 ng/ml
Fentanyl	5.092	365762	756284.9	112.2	450873.4	791683	24.749 ng/ml
Flualprazolam	5.687	604142	∞	92.5	8521.4	178147	256.598 ng/ml
Fluoxetine	5.693	2442747	1756058.0	7.1	350808.0	367256	250.061 ng/ml
Hydrocodone	2.998	1329041	∞	36.6	∞	325578	238.608 ng/ml
Hydromorphone	1.577	1284643	∞	73.6	∞	164930	259.922 ng/ml
Ketamine	4.038	2777376	346358.5	37.5	71268.2	558870	253.225 ng/ml
Lamotrigine	4.285	194297	12283.5	89.5	43772.5	396152	253.864 ng/ml
Levetiracetam	2.610	1892973	61377.5	224.0	122926.1	989541	242.786 ng/ml

AM #28 Multi-Drug Quant. Results

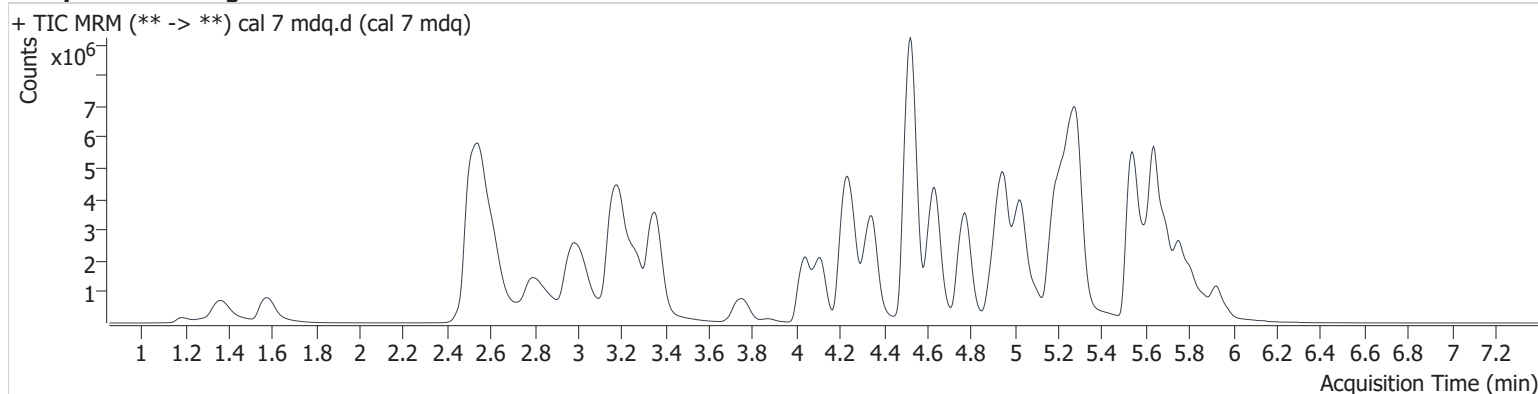
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	159047	∞	47.8	∞	52735	250.662 ng/ml
MDA	3.168	2929073	108441.5	28.1	19232.8	396152	256.046 ng/ml
MDMA	3.266	2655389	243716.2	98.2	67102.1	117549	250.368 ng/ml
Meprobamate	4.892	626475	1158573.4	30.1	2574.0	113510	264.896 ng/ml
Methadone	5.640	5644316	226774.8	51.6	288293.8	989541	248.963 ng/ml
Methamphetamine	3.185	5726221	57521.4	40.1	717396.9	1114826	254.380 ng/ml
Metoprolol	4.305	537954	42038.7	98.1	∞	117549	247.893 ng/ml
Mirtazapine	4.631	6030932	3520977.0	47.2	57519.2	989541	248.871 ng/ml
Mitragynine	5.226	884262	1847286.2	33.8	∞	2765857	250.963 ng/ml
Morphine	1.186	139887	214987.6	21.0	5001.6	7866	252.907 ng/ml
Norbuprenorphine	4.982	24132	46531.2	94.3	24850.4	19996	24.880 ng/ml
Nordiazepam	5.873	809112	∞	61.9	∞	117832	250.195 ng/ml
Norfentanyl	4.064	187944	15796.0	37.9	∞	925724	24.812 ng/ml
Norhydrocodone	3.044	68482	1298.1	28.8	5170.8	56848	253.423 ng/ml
Noroxycodone	2.879	1125961	∞	45.4	∞	168382	248.539 ng/ml
O-desmethyl-tramadol	3.348	6853354	315960.7	6.4	17462.2	1460275	250.916 ng/ml
Oxazepam	5.731	335325	∞	72.5	1197.3	52735	246.117 ng/ml
Oxycodone	2.796	3446794	∞	29.6	∞	623367	251.370 ng/ml
Oxymorphone	1.359	1850922	∞	44.4	∞	259872	252.271 ng/ml
Phentermine	3.755	1247098	4934.6	8.1	3359.6	661928	252.196 ng/ml
Promethazine	5.533	5256946	1429126.7	38.2	∞	1014594	249.557 ng/ml
Pseudoephedrine	2.534	14441408	111561.4	23.8	155157.2	2765857	250.599 ng/ml
Quetiapine	5.545	2723564	∞	62.2	25583171.1	174108	248.769 ng/ml
Sertraline	5.751	844305	2320616.8	100.0	87649.0	148066	252.312 ng/ml
Temazepam	5.804	1578515	25310.4	29.3	76206.9	303385	231.826 ng/ml
Tramadol	4.223	6455187	6841793.9	3.5	9252.6	1374881	250.649 ng/ml
Trazodone	5.180	4001682	163537.4	80.3	222132.5	812105	240.246 ng/ml
Venlafaxine	5.026	5270902	100560.3	36.5	52615.5	1372696	251.741 ng/ml
Zolpidem	4.946	6860325	165456.7	28.3	∞	1202464	252.677 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-G5 **Comment**
Injection Volume 3
Acq. Date-Time 4/13/2022 3:43:25 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	117937	∞	133.5	∞	66856	50.179 ng/ml
7-aminoclonazepam	4.268	1072303	∞	79.7	140202.8	78716	506.757 ng/ml
a-hydroxyalprazolam	5.672	103557	∞	53.3	779.6	24493	494.742 ng/ml
alpha-PHP	4.910	5179715	∞	39.8	327253.4	661458	489.562 ng/ml
alpha-PVP	4.348	8110058	2417890.0	53.1	177097.5	661458	509.154 ng/ml
Alprazolam	5.751	1949263	2614.3	93.6	∞	134006	503.093 ng/ml
Amphetamine	2.980	4336422	55516.3	227.9	77417.4	471321	410.255 ng/ml
Benzoylcegonine	3.871	190417	1033016.0	55.8	2420.2	14526	509.453 ng/ml
Buprenorphine	5.775	281349	186148.9	15.0	36037.3	82311	52.280 ng/ml
Bupropion	4.772	8552303	∞	66.5	438250.4	741673	509.145 ng/ml
Carisoprodol	5.711	820540	∞	61.3	9436.8	73827	493.045 ng/ml
Citalopram	5.206	3489390	203375.5	41.1	63435438.8	297014	516.978 ng/ml
Clonazepam	5.594	607655	∞	35.5	∞	24493	484.221 ng/ml
Clonazepam	5.556	750625	13268.6	40.0	103992.5	181051	499.114 ng/ml
Cocaine	4.247	4850006	131801.4	48.2	158380.3	837753	507.089 ng/ml
Codeine	2.537	556122	∞	91.5	19140.0	57262	468.227 ng/ml
Cyclobenzaprine	5.606	5399708	156575.2	8.3	381098.1	354967	498.263 ng/ml
Dextromethorphan	5.250	2780298	∞	75.2	162861.1	262161	509.123 ng/ml
Dextrophan	4.109	5082930	786318.0	43.5	∞	501146	497.998 ng/ml
Diazepam	5.929	2061328	∞	87.2	23329.7	194241	514.684 ng/ml
Dihydrocodeine	2.475	1835778	7770.8	61.7	1962.0	269864	472.878 ng/ml
Diphenhydramine	5.287	14102345	733345.6	30.8	∞	1438809	517.327 ng/ml
Doxylamine	4.522	20183100	597945.1	83.2	171793.2	1564578	505.124 ng/ml
EDDP	5.245	7608617	∞	42.9	137632.5	756162	526.010 ng/ml
Etizolam	5.797	1253687	15803.9	25.8	∞	194241	492.736 ng/ml
Fentanyl	5.092	778909	77264.6	115.0	614165.8	834181	49.948 ng/ml
Flualprazolam	5.687	888777	8013.4	88.3	9024.2	134006	501.811 ng/ml
Fluoxetine	5.693	3723448	2630791.9	7.2	223506.5	279008	501.706 ng/ml
Hydrocodone	2.993	2396780	∞	38.4	∞	284887	492.203 ng/ml
Hydromorphone	1.577	2527326	∞	72.8	∞	168432	500.748 ng/ml
Ketamine	4.043	5308853	829881.2	37.3	81905.4	543794	497.514 ng/ml
Lamotrigine	4.285	284213	191247.6	89.6	85254.8	279284	526.597 ng/ml
Levetiracetam	2.610	3232157	160537.0	222.5	510561.3	918932	447.438 ng/ml

AM #28 Multi-Drug Quant. Results

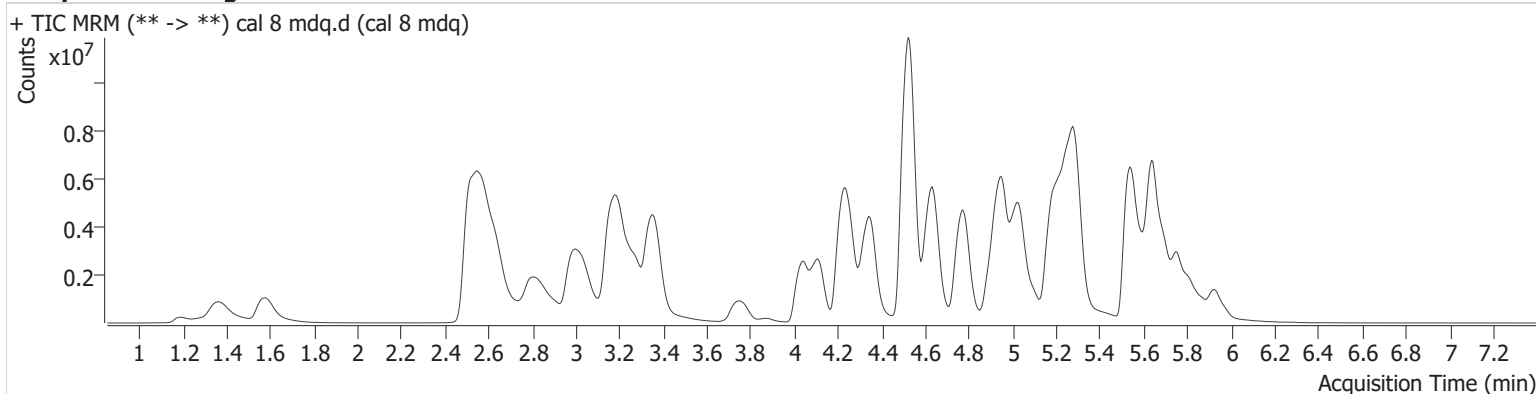
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.724	148350	∞	49.7	∞	21068	585.860 ng/ml
MDA	3.163	3872357	220026.7	28.0	19090.6	279284	480.797 ng/ml
MDMA	3.266	4579150	211719.9	97.1	260915.4	100193	506.481 ng/ml
Meprobamate	4.887	822086	∞	29.2	7324.5	73827	533.847 ng/ml
Methadone	5.636	10945633	2093488.4	50.9	369256.8	918932	519.472 ng/ml
Methamphetamine	3.180	10395958	223063.5	39.7	34149.4	1147012	451.463 ng/ml
Metoprolol	4.305	820399	2338631.2	96.4	∞	100193	444.406 ng/ml
Mirtazapine	4.631	11944558	546678.7	46.9	177506.6	918932	530.515 ng/ml
Mitragynine	5.226	1344497	52225.9	34.4	349651.5	2419297	437.248 ng/ml
Morphine	1.186	271902	164748.5	21.9	1730.5	8132	475.143 ng/ml
Norbuprenorphine	4.982	41498	∞	90.4	52805.8	17307	49.545 ng/ml
Nordiazepam	5.873	1153077	37584.6	61.8	∞	88109	477.157 ng/ml
Norfentanyl	4.064	306169	22914.6	37.4	87156.6	741051	50.510 ng/ml
Norhydrocodone	3.044	151581	3078.2	31.9 High	1023.6	54776	580.675 ng/ml
Noroxycodone	2.879	1793315	∞	45.5	∞	135881	490.418 ng/ml
O-desmethyl-tramadol	3.351	13658204	∞	6.2	24492.7	1437239	508.027 ng/ml
Oxazepam	5.731	274368	15677.5	69.6	1391.1	21068	503.599 ng/ml
Oxycodone	2.796	6752157	∞	29.6	∞	615052	499.217 ng/ml
Oxymorphone	1.364	3436027	∞	44.3	∞	243130	500.760 ng/ml
Phentermine	3.755	2256486	∞	7.4	19998.9	649885	465.097 ng/ml
Promethazine	5.527	9993265	∞	36.8	121112.9	926799	518.971 ng/ml
Pseudoephedrine	2.534	25933617	157617.1	23.4	75407.7	2419297	514.358 ng/ml
Quetiapine	5.551	4686857	9565795.5	61.8	∞	149236	499.839 ng/ml
Sertraline	5.757	1450705	1044863.2	98.0	∞	126153	509.060 ng/ml
Temazepam	5.809	2071612	36971.8	28.5	5200.6	181051	508.325 ng/ml
Tramadol	4.223	11559962	452079.9	3.4	4420.5	1288497	479.586 ng/ml
Trazodone	5.180	7346143	309875.6	79.9	112660.2	862870	415.799 ng/ml
Venlafaxine	5.026	10426890	323538.4	36.2	59513.8	1307266	522.297 ng/ml
Zolpidem	4.952	12725887	567840.1	28.3	540844.0	1100622	511.893 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\041322\QuantResults\mdq.batch.bin
Calibration Last Update 4/14/2022 12:25:00 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-H5	Comment	
Injection Volume	3		
Acq. Date-Time	4/13/2022 4:01:24 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	161198	48982.6	130.7	5477.9	47757	96.027 ng/ml
7-aminoclonazepam	4.268	1010347	16714.4	79.5	16344.2	39417	953.533 ng/ml
a-hydroxyalprazolam	5.672	109655	8020.2	59.0	2517.3	12488	1028.231 ng/ml
alpha-PHP	4.907	6587046	∞	39.8	738447.9	445149	925.452 ng/ml
alpha-PVP	4.348	11187254	661296.8	52.2	284600.0	445149	1043.480 ng/ml
Alprazolam	5.751	2389184	17600.6	94.8	5944.2	83200	993.222 ng/ml
Amphetamine	3.016	4886417	∞	226.1	102765.6	318564	684.949 ng/ml
Benzoylcegonine	3.876	273137	204233.6	55.8	5078.7	10467	1014.439 ng/ml
Buprenorphine	5.775	373352	710405.9	15.5	38429.6	57276	99.638 ng/ml
Bupropion	4.772	12032736	410359.7	64.8	132155.6	513678	1034.093 ng/ml
Carisoprodol	5.711	1000004	1787098.7	59.4	4768.2	44928	987.445 ng/ml
Citalopram	5.204	3769164	155796.5	44.5	62901.9	170484	972.815 ng/ml
Clonazepam	5.594	609927	21053.7	34.0	∞	12488	953.760 ng/ml
Clonazepam	5.561	757444	13058.8	40.0	5508.7	102856	886.305 ng/ml
Cocaine	4.252	6038690	771130.7	49.3	203936.1	526642	1004.300 ng/ml
Codeine	2.572	687930	30048.7	95.7	∞	32919	1008.119 ng/ml
Cyclobenzaprine	5.601	6218413	137742.2	8.1	372680.0	202404	1006.435 ng/ml
Dextromethorphan	5.255	3291130	73689.9	76.0	∞	159603	990.010 ng/ml
Dextroprhan	4.109	6900285	182742.6	44.1	217724.8	331757	1020.239 ng/ml
Diazepam	5.924	2740972	22108.0	86.6	∞	132596	1002.531 ng/ml
Dihydrocodeine	2.495	2226259	831.0	61.8	2609.9	185680	834.149 ng/ml
Diphenhydramine	5.290	17730707	∞	30.9	952832.0	861438	1086.078 ng/ml
Doxylamine	4.522	27561727	∞	85.6	1353231.8	1060154	1017.947 ng/ml
EDDP	5.243	10476489	∞	42.3	660106.1	527368	1038.434 ng/ml
Etizolam	5.797	1637571	59119.9	25.4	62647.8	132596	943.339 ng/ml
Fentanyl	5.092	1109788	193721.3	115.8	1488006.6	587841	100.915 ng/ml
Flualprazolam	5.687	1046295	4837.0	88.9	7436.8	83200	951.463 ng/ml
Fluoxetine	5.693	3968074	246264.2	7.2	∞	144865	1029.744 ng/ml
Hydrocodone	2.993	3302346	∞	38.7	1341554769 6867.3	205915	938.635 ng/ml
Hydromorphone	1.577	3533052	∞	73.2	∞	113388	1039.872 ng/ml
Ketamine	4.038	7202308	1291239.6	37.0	31189.2	374906	979.077 ng/ml
Lamotrigine	4.285	316544	18486.0	75.5	23574.8	157071	1042.714 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.630	4013671	253267.8	224.2	202946.6	609187	839.221 ng/ml
Lorazepam	5.724	175805	∞	48.6	4018.4	9549	1532.479 ng/ml
MDA	3.143	3781926	84293.4	27.8	14926.9	157071	835.474 ng/ml
MDMA	3.266	5841514	280100.0	96.9	224051.2	63805	1014.516 ng/ml
Meprobamate	4.876	879043	1603156.1	28.7	8963.0	44928	937.550 ng/ml
Methadone	5.641	14625727	446415.8	49.6	∞	609187	1046.667 ng/ml
Methamphetamine	3.185	13480007	252198.0	38.6	303340.9	819067	822.546 ng/ml
Metoprolol	4.305	947555	917316.2	97.5	∞	63805	806.911 ng/ml
Mirtazapine	4.630	15944670	545645.0	47.1	285372.6	609187	1068.026 ng/ml
Mitragynine	5.221	1637028	∞	34.7	218422.9	1542005	836.508 ng/ml
Morphine	1.186	424200	∞	20.7	2782.3	5956	1011.663 ng/ml
Norbuprenorphine	4.982	52152	169095.5	94.5	108237.1	10874	99.219 ng/ml
Nordiazepam	5.873	1383360	∞	61.1	∞	49057	1028.553 ng/ml
Norfentanyl	4.064	369484	22017.7	37.4	∞	451174	100.137 ng/ml
Norhydrocodone	3.049	212377	5242.9	34.5 High	1894.5	37111	1199.599 ng/ml
Noroxycodone	2.889	2223538	∞	44.2	∞	77687	1063.437 ng/ml
O-desmethyl-tramadol	3.353	18895443	393470.4	6.1	159060.7	976834	1034.047 ng/ml
Oxazepam	5.731	264727	32521.0	78.3	12956.6	9549	1071.483 ng/ml
Oxycodone	2.807	9264880	∞	29.4	∞	423511	994.931 ng/ml
Oxymorphone	1.359	4617400	∞	44.3	∞	168294	972.356 ng/ml
Phentermine	3.755	2955017	∞	7.3	∞	444997	889.855 ng/ml
Promethazine	5.527	12915378	433593.9	35.3	280146.9	582510	1066.791 ng/ml
Pseudoephedrine	2.550	33028479	96686.9	23.2	401357.6	1542005	1027.646 ng/ml
Quetiapine	5.551	5754098	∞	61.6	6168850.6	95510	959.211 ng/ml
Sertraline	5.751	1318406	∞	98.7	2376602.8	58940	990.419 ng/ml
Temazepam	5.814	2360792	126186.1	28.0	11879.2	102856	1018.431 ng/ml
Tramadol	4.217	15349612	∞	3.4	31146.0	825759	994.399 ng/ml
Trazodone	5.175	9349868	343135.3	78.0	1031110.9	620039	737.227 ng/ml
Venlafaxine	5.025	14558835	330260.6	35.2	187108.0	867069	1098.873 ng/ml
Zolpidem	4.952	16946108	∞	28.4	228027.8	720587	1040.953 ng/ml