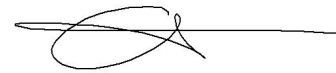


REVIEWED

By Tamara Salazar at 10:43 am, Aug 29, 2022








REVIEWED

By Tamara Salazar at 12:09 pm, Aug 29, 2022



8/24/2022

Worklist: 6076

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2022-1767	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1775	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1818	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1842	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1858	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1860	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2022-1869	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 8/24/22

Analyst: Anne Nord

Plate lot#: 220324

Plate re-test: 9/24/22

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: 22B52016-1 **Urine Blank lot:** blood only run

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: 390993 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,
- 15. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

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

COMMENTS: Injected samples on 8/24/22, chromatography was poor and there was some retention time shifting for some compounds these injections were not evaluated. The column was changed on 8/25/22 steps 15 and 16 of the analytic checklist were repeated. The samples were re-injected and evaluated.

Curve limits: 7-aminoclonazepam 5-250, alpha-hydroxy alprazolam 5-250, buprenorphine 1-100, dihydrocodeine 5-500, lamotrigine 5-500, MDA 5-250, meprobamate 5-500, methamphetamine 5-500, phentermine 5-250, trazodone 5-500 amphetamine qualitative only used surrogate internal standard.

Did not evaluate- Norhydrocodone – due to rising ratios.

**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	negative blood									
B	IS + Cal. 2	IS + QC_2	1842-1									
C	IS + Cal. 3	IS + QC_3	1767-1									
D	IS + Cal. 4	IS + QC_4	1818-1									
E	IS + Cal. 5		Moved to F3 1869-1									
F	IS + Cal. 6		Moved to E3 1775-4									
G	IS + Cal. 7		1860-1									
H	IS + Cal. 8		1858-3									

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c2022-__-__

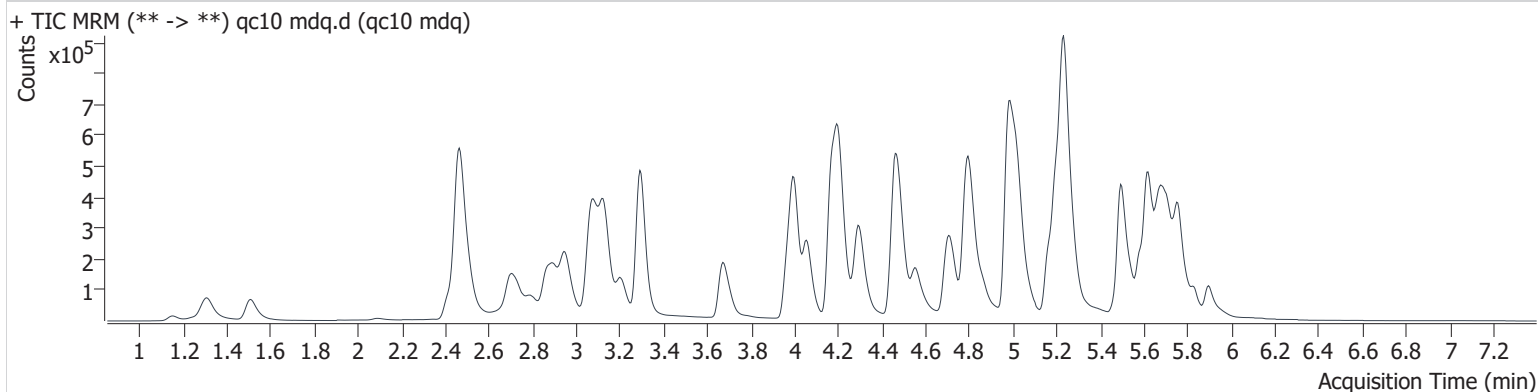
On 8/24/22 I pipetted Sample C2022-1775-4 to spot E3 and subsequently put 1869 in spot F3.  8/29/22

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A2	Comment	
Injection Volume	3		
Acq. Date-Time	8/25/2022 4:35:06 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.064	2737	5859.0	144.2	15301.6	71065	1.022 ng/ml
7-aminoclonazepam	4.182	34077	2231.9	60.4	587.8	137648	10.198 ng/ml
a-hydroxyalprazolam	5.644	10847	6959935032 881.0	45.1	∞	299291	10.670 ng/ml
alpha-PHP	4.868	53940	1354.7	247.9	3579.1	665452	10.029 ng/ml
alpha-PVP	4.303	180373	11685.1	53.8	4457.4	665452	9.892 ng/ml
Alprazolam	5.718	81464	2203.3	96.3	8495.5	299291	10.221 ng/ml
Amphetamine	2.951	125013	2542.7	285.6	10875.1	1538807	10.142 ng/ml
Benzoylcegonine	3.795	4371	8566.6	48.7	220.7	11891	9.892 ng/ml
Buprenorphine	5.663	5865	106.3	12.7	19.6	85407	1.259 ng/ml
Bupropion	4.722	136971	2308.7	74.4	3605.8	738135	9.709 ng/ml
Carisoprodol	5.673	37414	12132.2	89.6	2732.1	179312	9.606 ng/ml
Citalopram	5.168	124338	4621.8	35.8	1199.8	542996	10.074 ng/ml
Clonazepam	5.555	28790	1031.8	33.6	1933.0	55740	9.800 ng/ml
Clonazolam	5.502	46513	543.6	39.9	2005.0	510220	7.716 ng/ml
Cocaine	4.207	127148	4918.1	53.0	∞	1009931	9.879 ng/ml
Codeine	2.478	17045	3861.7	90.9	3597.7	80616	10.386 ng/ml
Cyclobenzaprine	5.589	150085	2613.5	7.9	599.4	438808	10.014 ng/ml
Dextromethorphan	5.206	94738	1006.6	73.5	1248.8	384246	10.487 ng/ml
Dextrorphan	4.059	111841	4349.8	43.5	2503.7	494337	10.825 ng/ml
Diazepam	5.902	45786	∞	87.7	∞	197038	10.789 ng/ml
Dihydrocodeine	2.452	43622	373.0	59.7	573.9	248269	10.937 ng/ml
Diphenhydramine	5.238	424256	9442.1	30.0	7957.6	1991415	10.623 ng/ml
Doxylamine	4.477	407676	2649.1	63.9	3837.9	1478827	10.385 ng/ml
EDDP	5.200	131534	4823.2	41.8	2255.7	675619	9.725 ng/ml
Etizolam	5.759	30856	901.9	23.5	259.0	197038	8.992 ng/ml
Fentanyl	5.032	14079	464.3	114.5	∞	722903	1.037 ng/ml
Flualprazolam	5.649	36200	1476.9	93.6	1148.9	299291	11.525 ng/ml
Fluoxetine	5.676	130571	154417.8	6.5	7177.2	428255	9.927 ng/ml
Hydrocodone	2.933	62546	2081.3	38.6	1614.9	340853	9.914 ng/ml
Hydromorphone	1.513	49973	291.7	78.0	809.4	154150	10.219 ng/ml
Ketamine	3.987	119400	9357.6	36.6	899.0	584890	10.210 ng/ml
Lamotrigine	4.209	11473	2158.7	93.5	18248.4	299291	10.192 ng/ml

AM #28 Multi-Drug Quant. Results

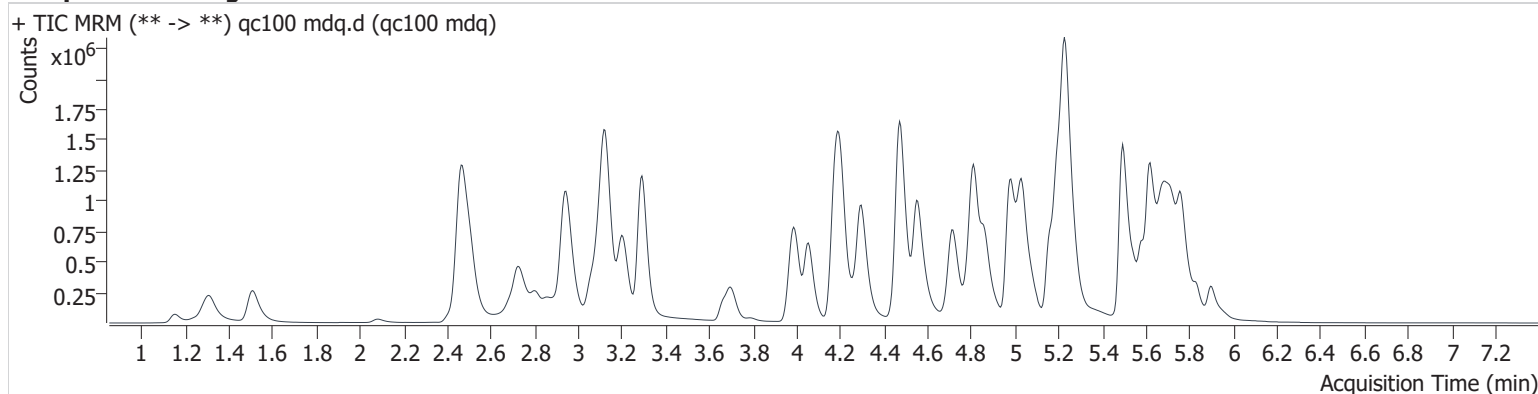
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.511	46445	11172.4	163.7	39377.5	1538807	9.848 ng/ml
Lorazepam	5.696	38723	9547.7	41.5	5658.3	339349	10.632 ng/ml
MDA	3.108	167436	9943.8	27.8	602.7	407238	11.325 ng/ml
MDMA	3.210	114322	6357.9	104.8	6142.8	109861	10.562 ng/ml
Meprobamate	4.827	39085	3046.2	34.9	1221.8	104826	10.465 ng/ml
Methadone	5.618	193851	3285.5	67.3	1340.1	902910	10.088 ng/ml
Methamphetamine	3.130	471798	1420.0	39.4	2732.4	1007113	11.962 ng/ml
Metoprolol	4.265	29310	12130.4	97.1	1601.9	1538807	10.044 ng/ml
Mirtazapine	4.555	289603	14240.2	48.1	3289.7	902910	10.342 ng/ml
Mitragynine	5.161	42911	123786.9	28.8	17783.6	1538807	13.967 ng/ml
Morphine	1.157	7774	1107.0	25.0	169.2	9036	10.397 ng/ml
Norbuprenorphine	4.932	1058	1464.4	90.7	616.8	21541	0.952 ng/ml
Nordiazepam	5.840	29534	∞	57.6	∞	111737	10.098 ng/ml
Norfentanyl	4.023	3443	1358.8	270.9	449.4	1012487	0.929 ng/ml
Noroxycodone	2.814	55035	9126.4	49.1	1863.7	180595	10.220 ng/ml
O-desmethyl-tramadol	3.297	287464	19267.9	6.0	7512.8	1135855	10.372 ng/ml
Oxazepam	5.698	63771	1230.9	69.6	1139.4	339349	9.975 ng/ml
Oxycodone	2.732	131603	5360.1	31.7	10158.9	528105	10.450 ng/ml
Oxymorphone	1.310	73601	∞	46.2	∞	261797	9.950 ng/ml
Phentermine	3.710	41764	739.2	15.2	186.0	557510	9.786 ng/ml
Promethazine	5.493	168670	16262.1	44.2	3780.1	850775	9.868 ng/ml
Pseudoephedrine	2.476	308638	5404.9	17.6	3603.2	1538807	9.663 ng/ml
Quetiapine	5.486	131058	169475.7	57.9	562682.1	192526	10.235 ng/ml
Sertraline	5.739	42991	17775.9	100.7	∞	163453	9.998 ng/ml
Temazepam	5.766	105382	3346.9	29.8	271.5	510220	9.314 ng/ml
Tramadol	4.182	271972	5817.0	3.8	212.6	1201071	9.894 ng/ml
Trazodone	5.031	162816	1557.3	78.7	2077.0	688183	9.957 ng/ml
Venlafaxine	4.981	167700	12486.1	39.3	495.2	1424966	9.743 ng/ml
Zolpidem	4.808	292668	10649.3	29.5	10294.1	1439785	9.947 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	8/25/2022 6:23:32 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.054	23315	27584.1	135.6	80585.8	60997	10.272 ng/ml
7-aminoclonazepam	4.177	251178	3274.8	64.2	6530.7	109166	103.646 ng/ml
a-hydroxyalprazolam	5.639	74112	1514.3	54.7	500.8	235288	101.228 ng/ml
alpha-PHP	4.868	455032	4004.4	241.6	11127.3	556371	102.509 ng/ml
alpha-PVP	4.297	1508514	54365.6	52.9	29133.5	556371	98.024 ng/ml
Alprazolam	5.723	633001	4885.8	93.5	21978.1	235288	96.795 ng/ml
Amphetamine	2.946	908819	49257.0	270.8	49397.0	1248561	106.640 ng/ml
Benzoylcegonine	3.790	39328	19742.6	57.2	1689.8	10928	104.564 ng/ml
Buprenorphine	5.673	47472	442.6	16.6	302.6	69270	9.660 ng/ml
Bupropion	4.717	1114982	14911.1	75.9	40735.7	612722	95.137 ng/ml
Carisoprodol	5.673	282120	133795.5	88.4	4773.0	140689	95.491 ng/ml
Citalopram	5.162	1008154	34277.0	36.2	327664.7	454110	97.928 ng/ml
Clonazepam	5.555	408604	52317.0	34.4	∞	78030	97.686 ng/ml
Clonazepam	5.496	384313	73945.4	35.8	10168.6	496853	72.522 ng/ml
Cocaine	4.202	1045198	192101.3	50.8	94789.5	821425	99.618 ng/ml
Codeine	2.478	124247	10792.5	90.1	12269.0	60652	111.280 ng/ml
Cyclobenzaprine	5.583	1133860	99480.4	9.2	3995.3	333979	98.797 ng/ml
Dextromethorphan	5.200	751953	∞	78.6	75285.2	307925	102.009 ng/ml
Dextrophan	4.054	963021	109539.9	44.3	43101.6	444567	98.459 ng/ml
Diazepam	5.902	326465	19473.8	87.2	10178.6	140685	106.901 ng/ml
Dihydrocodeine	2.442	344302	7665.0	62.6	2415.9	218911	107.465 ng/ml
Diphenhydramine	5.233	3511293	67888.6	30.2	90894.2	1637957	105.032 ng/ml
Doxylamine	4.472	2992367	85595.7	67.5	127269.8	1072234	102.892 ng/ml
EDDP	5.200	1209476	712099.9	42.7	32836.2	646933	91.002 ng/ml
Etizolam	5.764	292700	10452.8	24.4	∞	140685	136.377 ng/ml
Fentanyl	5.027	118177	10490.2	123.5	249074.3	605508	9.553 ng/ml
Flualprazolam	5.649	272436	42711.0	100.1	∞	235288	113.244 ng/ml
Fluoxetine	5.676	925720	42614.0	6.4	158722.7	306422	100.633 ng/ml
Hydrocodone	2.922	487971	∞	38.3	∞	290936	102.612 ng/ml
Hydromorphone	1.508	455115	501.5	75.2	443.7	152423	92.307 ng/ml
Ketamine	3.982	983022	76554.5	37.7	14074.5	491094	102.721 ng/ml
Lamotrigine	4.209	85652	5816.0	84.7	1829.8	235288	108.444 ng/ml
Levetiracetam	2.511	363593	7814.2	163.1	14937.7	1248561	104.013 ng/ml

AM #28 Multi-Drug Quant. Results

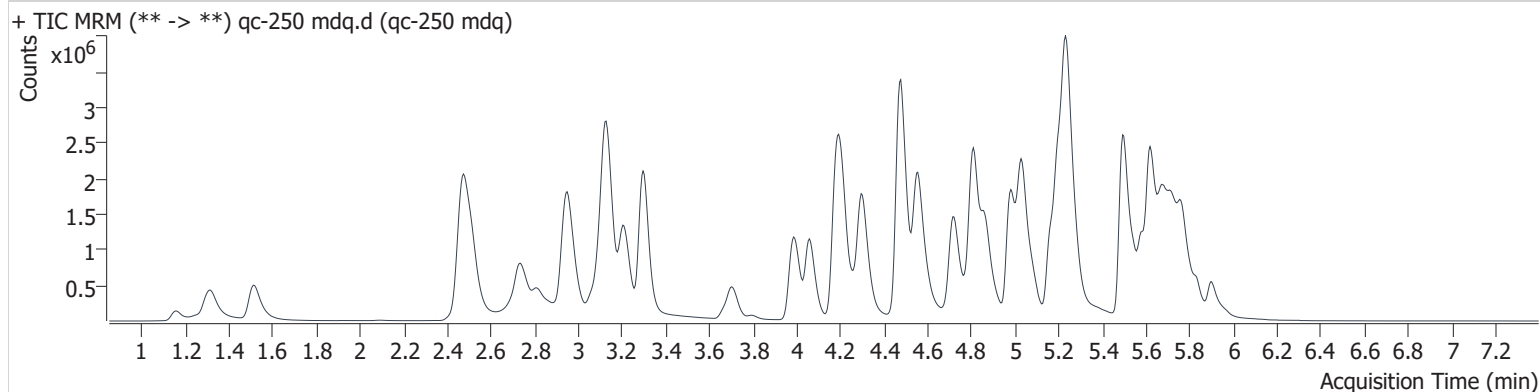
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	281565	∞	43.3	∞	270296	102.555 ng/ml
MDA	3.103	1206046	93910.8	27.3	2025.5	321078	109.191 ng/ml
MDMA	3.205	975652	97468.2	101.6	28668.6	95553	107.015 ng/ml
Meprobamate	4.822	321513	21428.2	34.6	2149.8	91504	106.463 ng/ml
Methadone	5.618	1627966	69892.8	65.8	332142.7	774717	95.578 ng/ml
Methamphetamine	3.125	2337801	∞	38.1	10443.7	921751	106.708 ng/ml
Metoprolol	4.265	255873	140941.2	94.8	2626.1	1248561	107.512 ng/ml
Mirtazapine	4.555	2014999	96468.7	51.2	70368.2	774717	82.256 ng/ml
Mitragynine	5.156	381454	871833.7	31.4	232857.0	1248561	151.258 ng/ml
Morphine	1.152	66483	18638.8	27.0	2623.8	7828	105.233 ng/ml
Norbuprenorphine	4.927	7612	∞	87.2	13412.4	19283	9.270 ng/ml
Nordiazepam	5.840	257170	∞	61.7	∞	101459	98.660 ng/ml
Norfentanyl	4.018	30968	4739.7	265.0	3209.6	880774	9.240 ng/ml
Noroxycodone	2.804	468681	4049.7	48.3	6304.2	152825	99.901 ng/ml
O-desmethyl-tramadol	3.292	2434285	113104.9	6.2	43098.0	1003964	99.769 ng/ml
Oxazepam	5.698	503386	5177.5	70.3	5855.7	270296	97.866 ng/ml
Oxycodone	2.721	1056945	55181.4	30.5	11494.7	454863	105.850 ng/ml
Oxymorphone	1.305	659905	∞	45.6	∞	230929	101.650 ng/ml
Phentermine	3.705	351186	2265.0	12.4	1232.4	497842	99.901 ng/ml
Promethazine	5.493	1494817	182440.8	43.9	20113.7	727213	100.440 ng/ml
Pseudoephedrine	2.471	2569901	15855.2	17.1	11545.8	1248561	98.774 ng/ml
Quetiapine	5.486	901762	∞	59.2	1526165.1	137792	105.808 ng/ml
Sertraline	5.739	280602	17640.7	92.6	10895.9	102426	103.378 ng/ml
Temazepam	5.766	1029622	22934.8	29.4	2136.7	496853	93.297 ng/ml
Tramadol	4.182	2339656	20308.9	3.6	2109.6	1037246	104.700 ng/ml
Trazodone	5.031	1386072	36002.9	75.9	74891.6	585127	97.077 ng/ml
Venlafaxine	4.976	1518813	56189.0	38.9	6893.6	1230356	95.254 ng/ml
Zolpidem	4.808	2387224	227460.4	28.7	141584.6	1161111	104.437 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument 69679 Data File qc-250 mdq.d
Type QC Sample qc-250 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-C2 Comment
Injection Volume 3
Acq. Date-Time 8/25/2022 4:44:11 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.064	54859	∞	132.0	∞	56446	26.141 ng/ml
7-aminoclonazepam	4.177	521417	1632.5	66.0	21217.9	97338	242.720 ng/ml
a-hydroxyalprazolam	5.639	129084	4398.2	49.7	1453.2	186699	223.519 ng/ml
alpha-PHP	4.868	976311	22169.7	248.1	85959.5	472072	259.439 ng/ml
alpha-PVP	4.303	3243729	241963.5	53.0	16951.5	472072	248.261 ng/ml
Alprazolam	5.718	1268072	3486.2	93.0	6819.3	186699	243.645 ng/ml
Amphetamine	2.951	1657863	43820.7	261.8	77667.1	982686	249.776 ng/ml
Benzoylcegonine	3.795	92427	6855.5	55.5	2452.2	9862	273.703 ng/ml
Buprenorphine	5.663	100841	700.3	14.7	309.8	59113	23.564 ng/ml
Bupropion	4.722	2524387	69035.1	74.8	102493.7	545918	241.742 ng/ml
Carisoprodol	5.673	525615	∞	81.5	6682.9	96219	260.770 ng/ml
Citalopram	5.168	2039425	50337.4	37.0	46158.9	351466	256.006 ng/ml
Clonazepam	5.555	796700	242942.6	33.6	∞	59064	251.342 ng/ml
Clonazepam	5.502	713359	61258.4	36.4	1188324.3	366803	183.771 ng/ml
Cocaine	4.207	2096711	114088.3	50.9	57374.1	670538	244.770 ng/ml
Codeine	2.483	220279	22603.2	94.5	6719.4	48751	246.932 ng/ml
Cyclobenzaprine	5.583	2392283	98033.0	8.7	4741.2	276253	251.900 ng/ml
Dextromethorphan	5.206	1511082	58445.5	76.7	30156.0	231829	271.929 ng/ml
Dextrophan	4.059	2118201	91287.2	44.1	61704.5	382105	251.022 ng/ml
Diazepam	5.902	716371	29280.2	86.0	∞	123729	266.584 ng/ml
Dihydrocodeine	2.447	678294	892.3	63.6	1217.8	194531	239.709 ng/ml
Diphenhydramine	5.238	7462516	559516.8	30.2	75118.6	1373899	265.811 ng/ml
Doxylamine	4.480	6820034	84864.0	69.0	40847.1	974545	257.643 ng/ml
EDDP	5.200	2890794	∞	42.9	∞	596328	235.523 ng/ml
Etizolam	5.764	612177	∞	24.2	∞	123729	326.214 ng/ml
Fentanyl	5.027	261583	15792.0	120.5	∞	514178	24.753 ng/ml
Flualprazolam	5.649	541346	∞	98.8	224502.5	186699	284.096 ng/ml
Fluoxetine	5.676	1857202	23041.7	6.6	271702.5	248779	249.048 ng/ml
Hydrocodone	2.933	992686	∞	38.4	∞	265360	230.677 ng/ml
Hydromorphone	1.513	1051938	7694.6	74.7	10904.9	132881	244.367 ng/ml
Ketamine	3.987	2169606	189816.8	36.7	16592.5	430008	259.370 ng/ml
Lamotrigine	4.219	151535	41474.0	85.3	363492.1	186699	243.478 ng/ml
Levetiracetam	2.516	700847	19339.4	158.8	14007.2	982686	256.243 ng/ml

AM #28 Multi-Drug Quant. Results

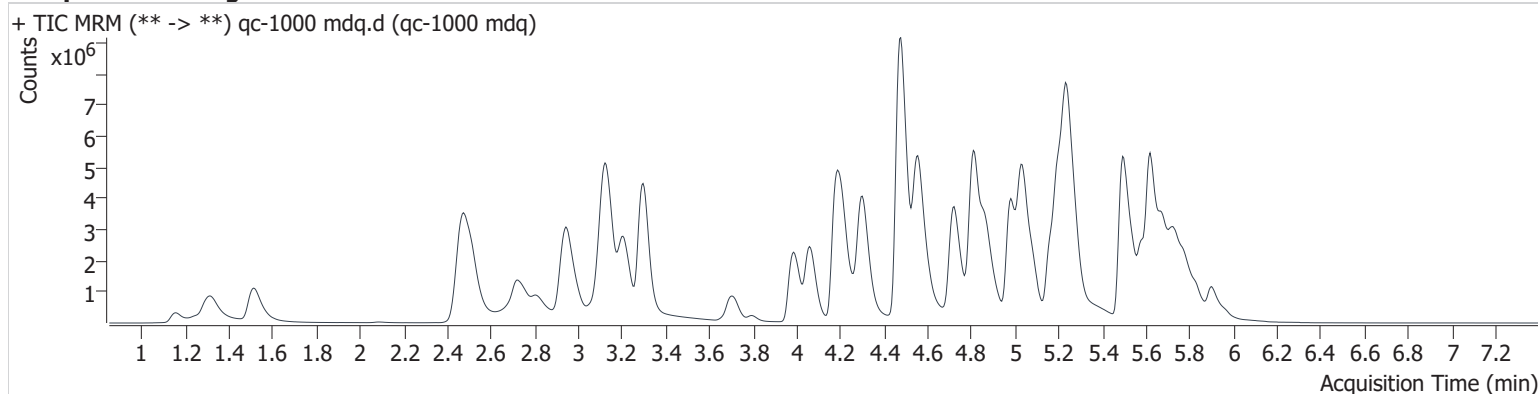
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	382168	∞	44.6	9355.5	161124	234.375 ng/ml
MDA	3.103	2045705	30915.8	27.5	9154.0	248139	240.493 ng/ml
MDMA	3.210	1954155	83475.5	103.9	77451.8	82034	250.177 ng/ml
Meprobamate	4.827	595177	2491.9	32.7	7958.6	76975	235.398 ng/ml
Methadone	5.618	3704083	66702.4	63.7	107640.9	676258	248.551 ng/ml
Methamphetamine	3.130	4534785	23898.9	38.4	∞	818779	244.269 ng/ml
Metoprolol	4.270	516474	709066.5	94.6	4769.7	982686	275.638 ng/ml
Mirtazapine	4.555	4457101	∞	49.8	100486.1	676258	208.090 ng/ml
Mitragynine	5.156	797187	31829.4	31.4	401031.7	982686	401.341 ng/ml
Morphine	1.157	147165	32825.1	25.7	1194.7	7708	236.916 ng/ml
Norbuprenorphine	4.932	16216	45649.2	99.9	30184.3	16349	23.638 ng/ml
Nordiazepam	5.840	543388	∞	61.4	9570.6	83192	254.575 ng/ml
Norfentanyl	4.023	64463	94668.0	272.4	11131.6	709497	23.816 ng/ml
Noroxycodone	2.815	889905	∞	48.1	5969.4	117364	246.521 ng/ml
O-desmethyl-tramadol	3.297	5260156	503090.1	6.1	32804.7	870041	248.840 ng/ml
Oxazepam	5.698	810717	∞	68.8	∞	161124	264.222 ng/ml
Oxycodone	2.732	2187777	163015.2	30.2	66760.2	394761	253.856 ng/ml
Oxymorphone	1.310	1406276	∞	45.6	∞	202060	247.649 ng/ml
Phentermine	3.705	701662	5943.6	12.0	1049.0	435951	229.116 ng/ml
Promethazine	5.499	3265380	78362.2	44.3	34955.5	634554	251.146 ng/ml
Pseudoephedrine	2.476	5124595	68091.0	16.7	18801.8	982686	250.190 ng/ml
Quetiapine	5.486	1909577	103269.6	58.4	∞	123400	251.366 ng/ml
Sertraline	5.739	592984	413077.0	97.4	∞	90282	247.736 ng/ml
Temazepam	5.766	1977328	67101.4	29.1	7188.5	366803	242.671 ng/ml
Tramadol	4.182	4900926	194504.2	3.5	1475.3	859370	265.760 ng/ml
Trazodone	5.031	3053692	43094.3	77.4	656839.0	481674	259.321 ng/ml
Venlafaxine	4.981	3392344	470365.2	38.4	24898.2	1043151	249.739 ng/ml
Zolpidem	4.809	5325892	315117.8	27.1	86796.9	1025851	264.361 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D2	Comment	
Injection Volume	3		
Acq. Date-Time	8/25/2022 4:53:13 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.059	156342	10622.4	134.1	16922.9	43141	97.513 ng/ml
7-aminoclonazepam	4.172	751468	8923.2	73.2	4257.1	55263	617.781 ng/ml ocr
a-hydroxyalprazolam	5.633	157856	1375.3	53.4	369.3	93637	546.585 ng/ml ocr
alpha-PHP	4.873	2472590	15061.7	250.4	33699.3	302120	1027.090 ng/ml
alpha-PVP	4.303	8739620	59362.5	51.9	137142.9	302120	1044.834 ng/ml
Alprazolam	5.723	2552267	3532.9	94.1	7652.8	93637	976.324 ng/ml
Amphetamine	2.951	3050661	65087.3	252.8	155586.4	508346	893.553 ng/ml
Benzoylcegonine	3.795	322218	2105645.1	54.6	7905.8	8181	1153.162 ng/ml
Buprenorphine	5.668	224284	1199.3	14.6	125.4	30830	99.429 ng/ml
Bupropion	4.722	7228695	73635.9	71.4	96203.2	387553	975.082 ng/ml
Carisoprodol	5.678	741392	14549.1	79.7	50002.4	35186	1006.877 ng/ml
Citalopram	5.162	4065517	88513.3	37.9	40257.5	166203	1079.299 ng/ml
Clonazepam	5.555	1221661	174955.9	32.7	24057.9	24777	918.261 ng/ml
Clonazepam	5.512	1093816	13896.0	36.6	∞	149229	695.224 ng/ml
Cocaine	4.207	4892842	587578.9	49.8	199209.1	383008	999.913 ng/ml
Codeine	2.483	407288	8524.1	93.6	10024.0	27169	822.079 ng/ml
Cyclobenzaprine	5.583	5239192	157409.3	8.8	7326.5	151932	1002.886 ng/ml
Dextromethorphan	5.206	2959260	74005.7	76.5	64023.2	121463	1015.851 ng/ml
Dextrophan	4.059	5446482	311024.8	44.3	146088.9	245482	1002.858 ng/ml
Diazepam	5.902	1836825	∞	85.0	7013.1	80791	1046.553 ng/ml
Dihydrocodeine	2.437	1566795	7328.5	62.6	7479.6	142497	758.482 ng/ml ocr
Diphenhydramine	5.243	17495145	343028.4	29.5	43182.8	758438	1128.193 ng/ml
Doxylamine	4.477	20431045	205728.9	73.2	74495.9	709850	1058.877 ng/ml
EDDP	5.200	8765130	201959.6	42.4	117855.5	424426	1002.455 ng/ml
Etizolam	5.764	1457572	∞	25.1	255421.2	80791	1193.145 ng/ml
Fentanyl	5.032	662883	54932.7	128.8	572647.0	314293	102.330 ng/ml
Flualprazolam	5.649	917659	∞	96.3	31101.6	93637	961.015 ng/ml
Fluoxetine	5.681	3738697	202481.5	6.6	58253.5	125502	994.585 ng/ml
Hydrocodone	2.927	2474386	∞	38.2	∞	182391	840.415 ng/ml
Hydromorphone	1.513	2738067	2073.6	75.0	3823.7	86971	971.162 ng/ml
Ketamine	3.988	5453836	738116.0	36.4	∞	289984	967.625 ng/ml
Lamotrigine	4.224	236179	7099.7	86.8	6920.5	93637	759.517 ng/ml ocr
Levetiracetam	2.521	1408138	63702.6	158.7	66240.3	508346	998.243 ng/ml

AM #28 Multi-Drug Quant. Results

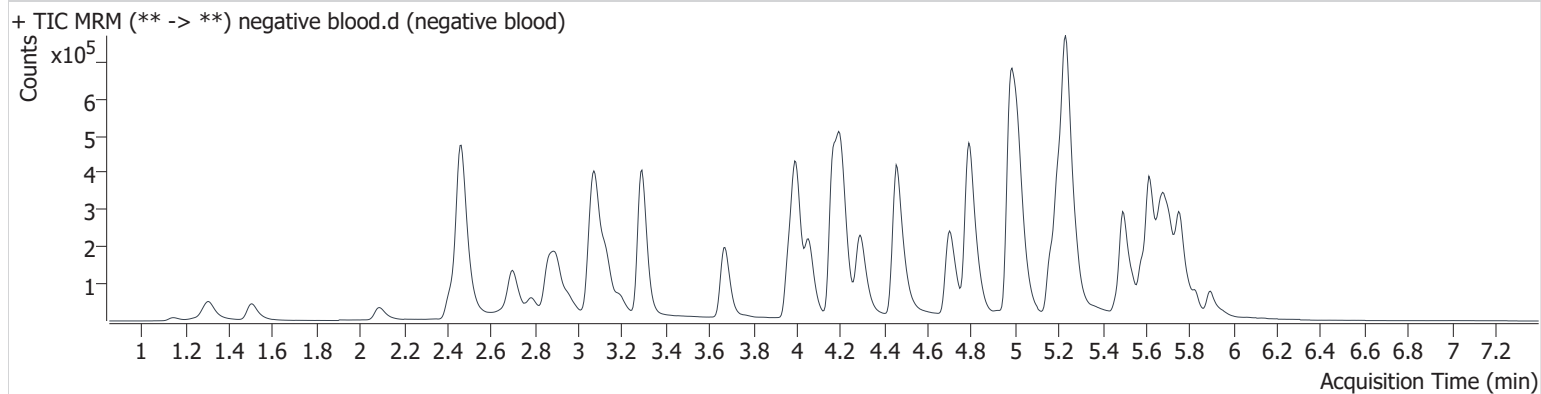
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Lorazepam	5.696	296562	∞	45.1	4377.4	34013	863.362	ng/ml
MDA	3.093	3170571	129094.6	26.7	57629.3	135705	682.841	ng/ml ocr
MDMA	3.205	4393485	102099.9	102.6	130381.3	47862	965.142	ng/ml
Meprobamate	4.832	903320	32290.4	31.9	35541.1	38797	710.721	ng/ml ocr
Methadone	5.618	10552153	2050945.1	57.2	96489.9	438889	1089.802	ng/ml
Methamphetamine	3.130	10107221	∞	38.0	∞	638095	716.270	ng/ml ocr
Metoprolol	4.265	1050786	212616.6	96.6	∞	508346	1083.911	ng/ml
Mirtazapine	4.555	11904786	∞	49.2	150248.6	438889	855.696	ng/ml
Mitragynine	5.156	1670558	62724.8	33.8	815075.8	508346	1625.268	ng/ml
Morphine	1.157	386273	71821.8	25.3	20528.2	5061	948.022	ng/ml
Norbuprenorphine	4.937	50011	∞	97.7	∞	11826	101.528	ng/ml
Nordiazepam	5.840	1261650	69737.1	60.6	∞	49005	1004.037	ng/ml
Norfentanyl	4.023	159049	60551.3	263.4	59706.0	379674	109.667	ng/ml
Noroxycodone	2.809	1754449	∞	47.1	13530.8	54710	1041.561	ng/ml
O-desmethyl-tramadol	3.299	13745597	321994.2	5.9	55443.6	574406	985.066	ng/ml
Oxazepam	5.698	714102	86225.8	72.6	18499.0	34013	1102.124	ng/ml
Oxycodone	2.716	4790463	2178.5	30.4	6931.1	269467	816.542	ng/ml
Oxymorphone	1.310	3607518	∞	45.2	∞	133697	960.294	ng/ml
Phentermine	3.710	1567364	∞	11.3	17790.2	317047	705.644	ng/ml ocr
Promethazine	5.499	8730914	560689.1	41.3	155808.6	400398	1063.569	ng/ml
Pseudoephedrine	2.476	11249841	∞	16.4	∞	508346	1061.589	ng/ml
Quetiapine	5.480	4419365	207985.4	57.9	37833644.4	88890	809.495	ng/ml
Sertraline	5.739	1262194	∞	94.6	59076.3	47557	1000.806	ng/ml
Temazepam	5.776	3074174	56272.3	29.1	3276.3	149229	927.306	ng/ml
Tramadol	4.177	11602587	104670.9	3.4	5431.0	561937	963.982	ng/ml
Trazodone	5.031	7733059	54249.3	78.6	720692.1	257514	1227.251	ng/ml ocr
Venlafaxine	4.981	9656416	180633.9	37.1	40768.0	637744	1160.121	ng/ml
Zolpidem	4.808	14034995	535088.0	28.1	126760.3	719797	994.027	ng/ml

AM #28 Multi-Drug Quant. Results

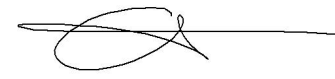
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A3	Comment	
Injection Volume	3		
Acq. Date-Time	8/25/2022 5:11:11 PM		
Sample Info.			

Sample Chromatogram

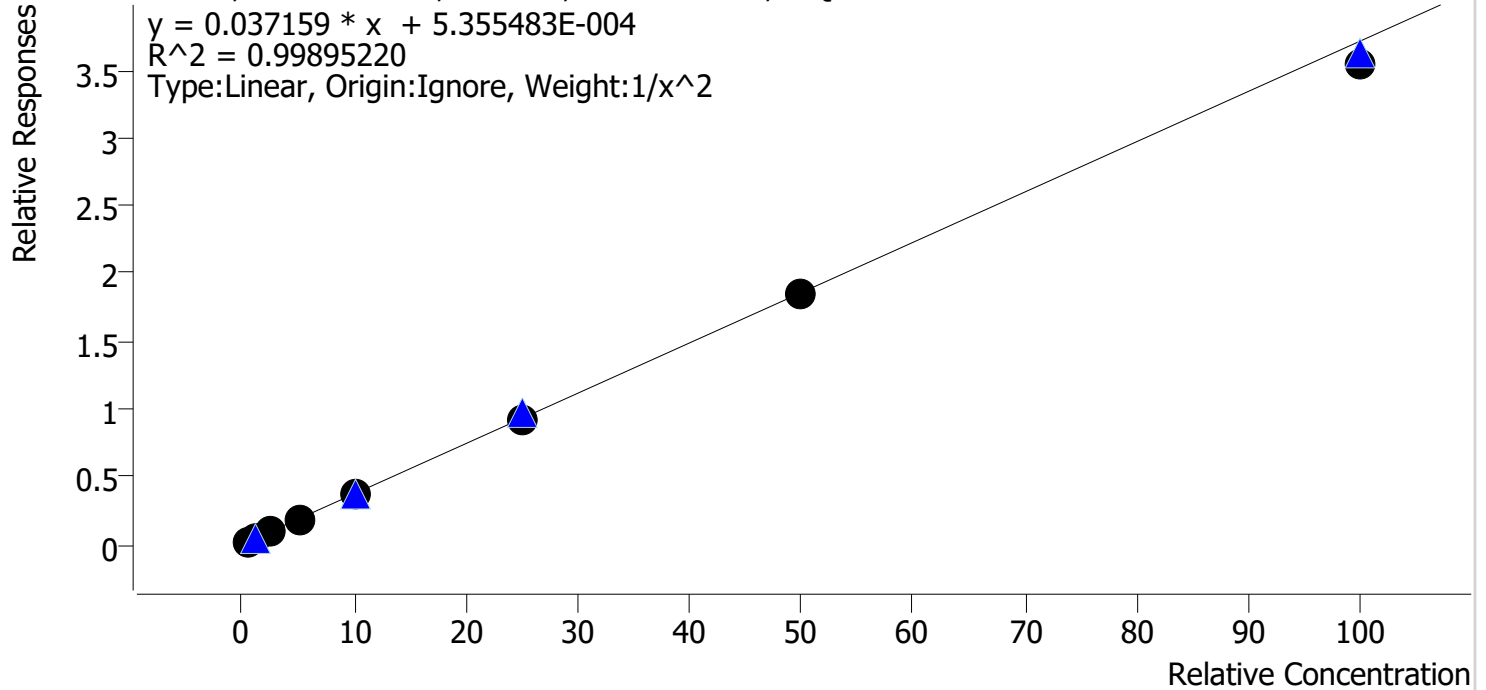


Compound Calibration Report



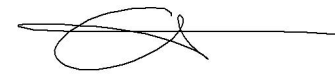
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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

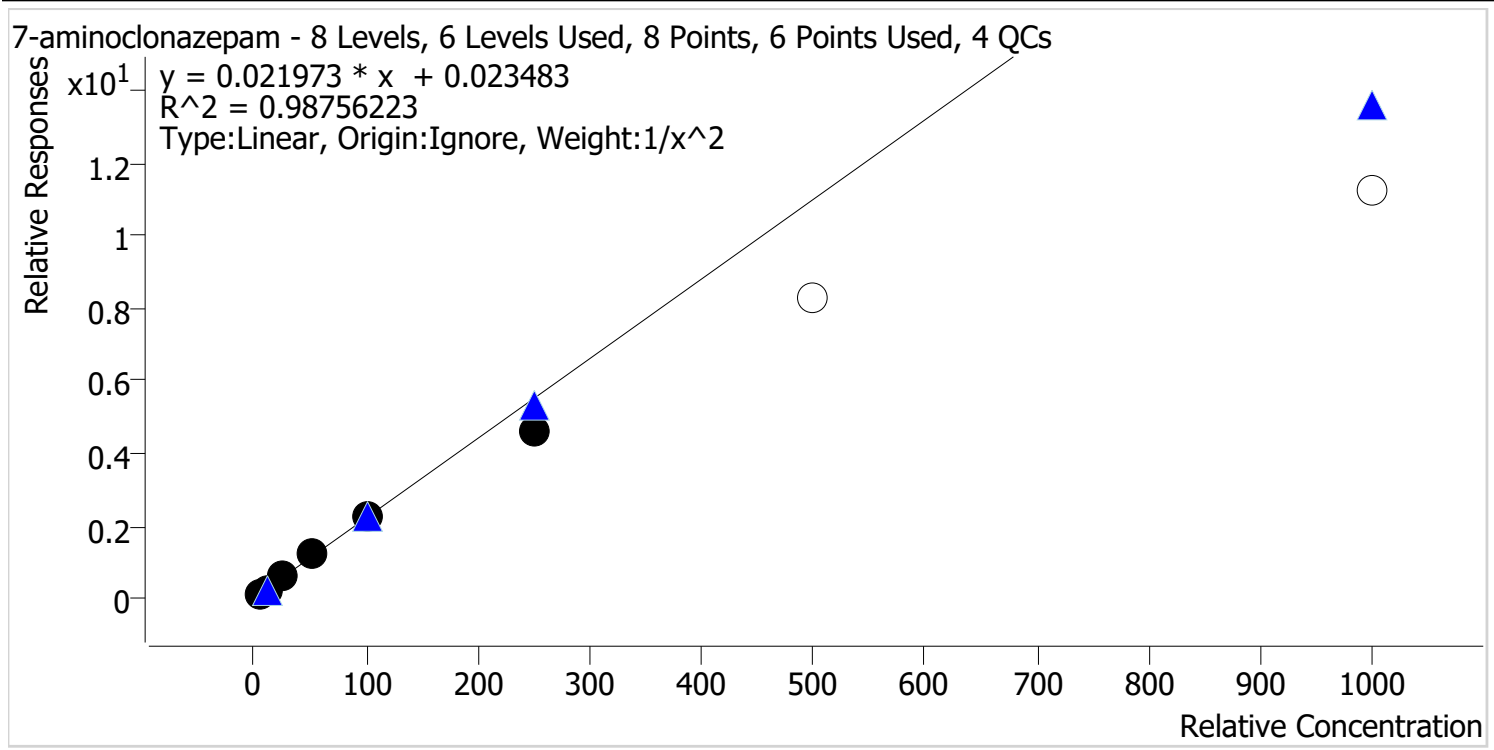


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	97.8
cal 2 mdq	2	✓	1.0	1.0	103.0
cal 3 mdq	3	✓	2.5	2.6	102.8
cal 4 mdq	4	✓	5.0	5.0	100.7
cal 5 mdq	5	✓	10.0	10.3	102.7
cal 6 mdq	6	✓	25.0	24.6	98.6
cal 7 mdq	7	✓	50.0	49.7	99.3
cal 8 mdq	8	✓	100.0	95.1	95.1

Compound Calibration Report



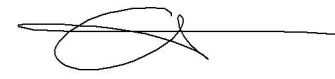
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



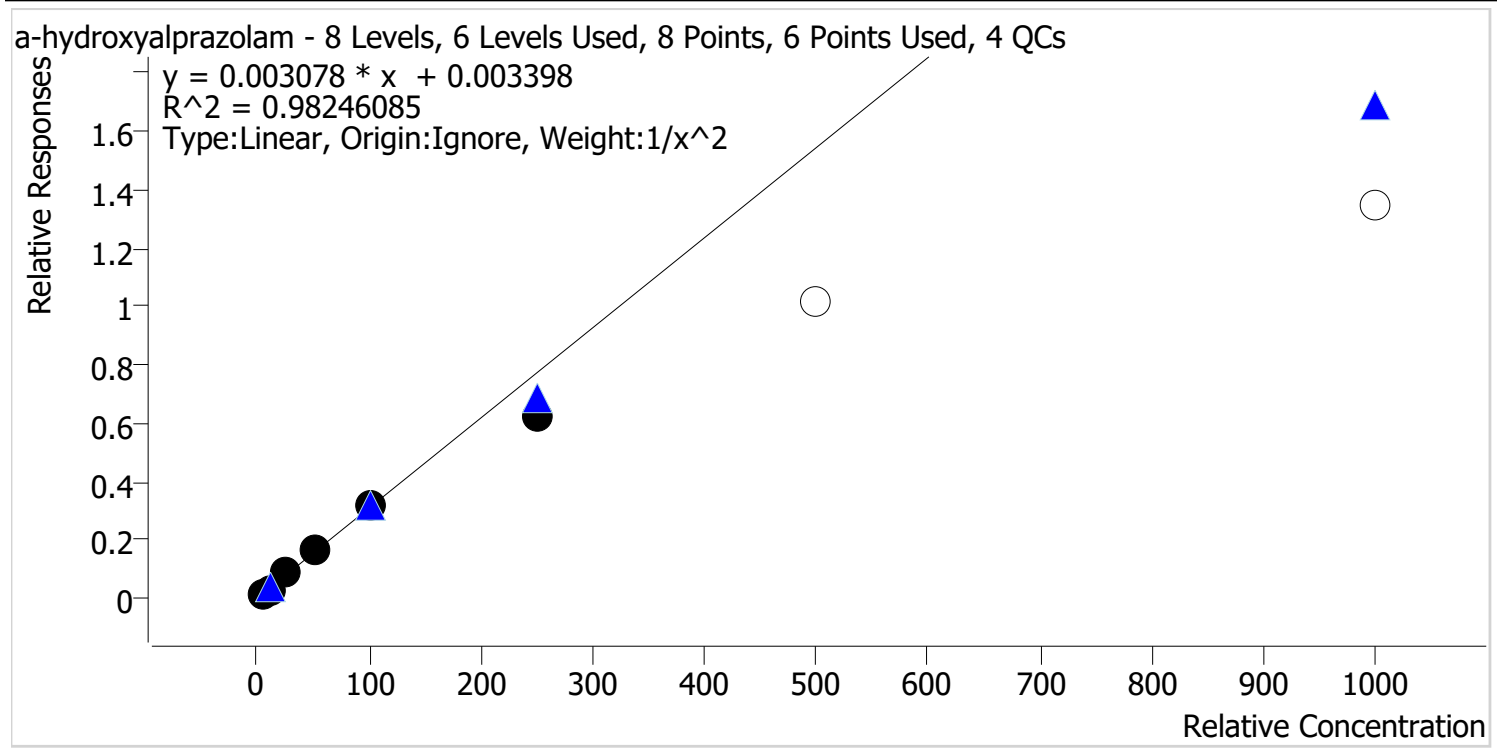
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.4	103.5
cal 3 mdq	3	✓	25.0	26.6	106.5
cal 4 mdq	4	✓	50.0	54.8	109.6
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	210.0	84.0
cal 7 mdq	7	✗	500.0	376.3	75.3
cal 8 mdq	8	✗	1000.0	511.0	51.1

dropped cal 7 and 8 due to accuracy

Compound Calibration Report



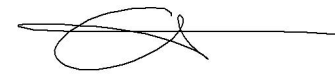
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.7
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	27.8	111.3
cal 4 mdq	4	✓	50.0	53.5	106.9
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	200.6	80.2
cal 7 mdq	7	x	500.0	327.8	65.6
cal 8 mdq	8	x	1000.0	436.8	43.7

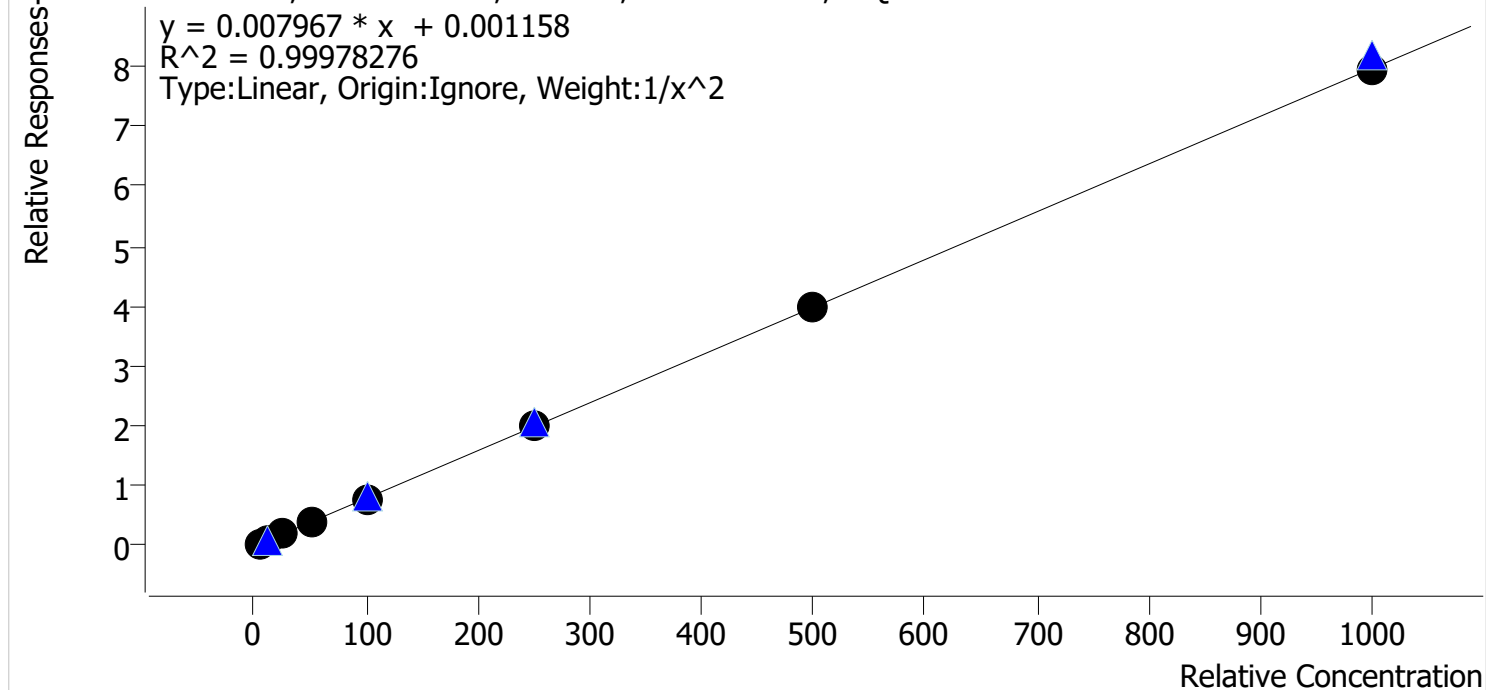
dropped cal 7 and 8 due to accuracy

Compound Calibration Report



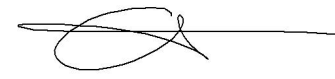
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



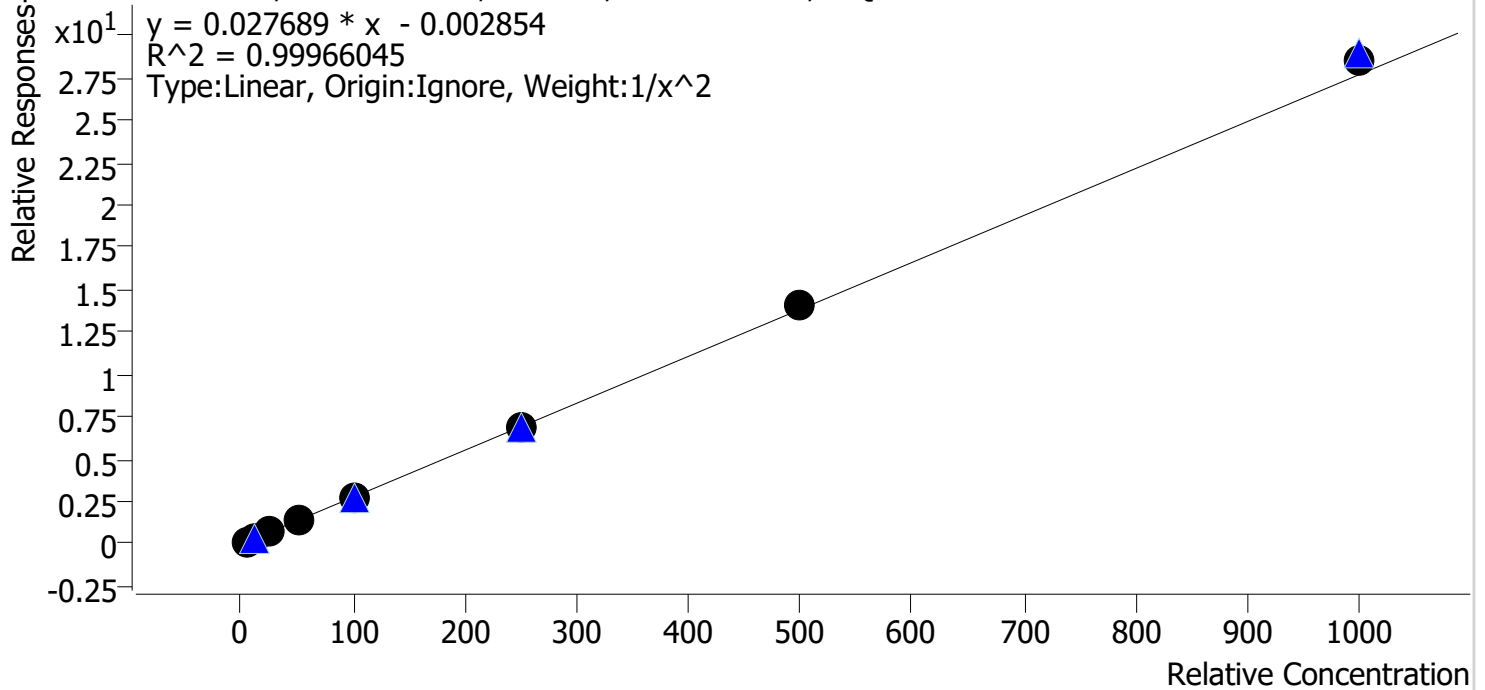
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	25.6	102.4
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	498.1	99.6
cal 8 mdq	8	✓	1000.0	994.7	99.5

Compound Calibration Report



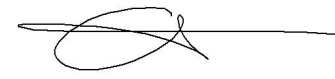
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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

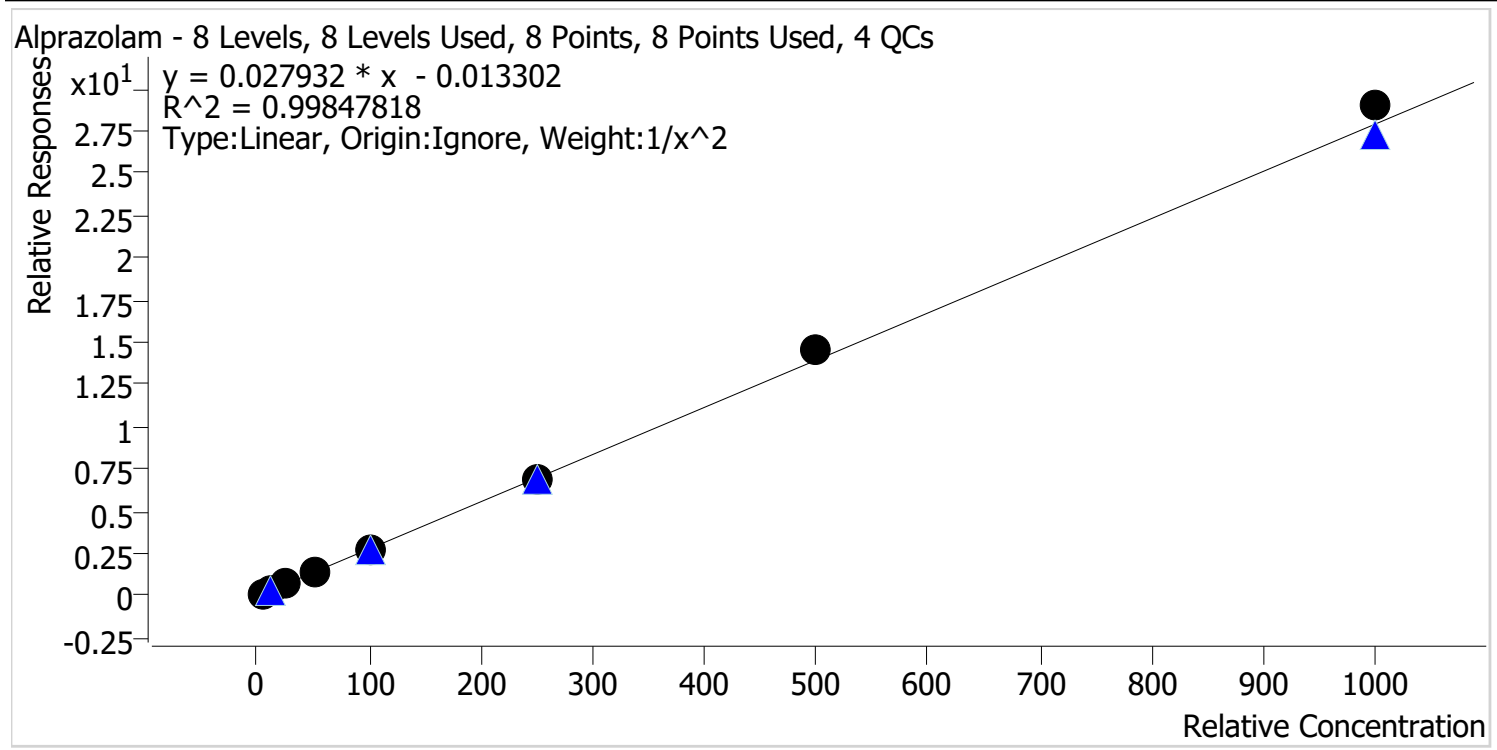


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	49.4	98.7
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	507.0	101.4
cal 8 mdq	8	✓	1000.0	1030.5	103.0

Compound Calibration Report

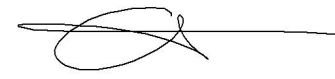


Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	23.6	94.5
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	96.9	96.9
cal 6 mdq	6	✓	250.0	246.7	98.7
cal 7 mdq	7	✓	500.0	522.7	104.5
cal 8 mdq	8	✓	1000.0	1039.3	103.9

Compound Calibration Report

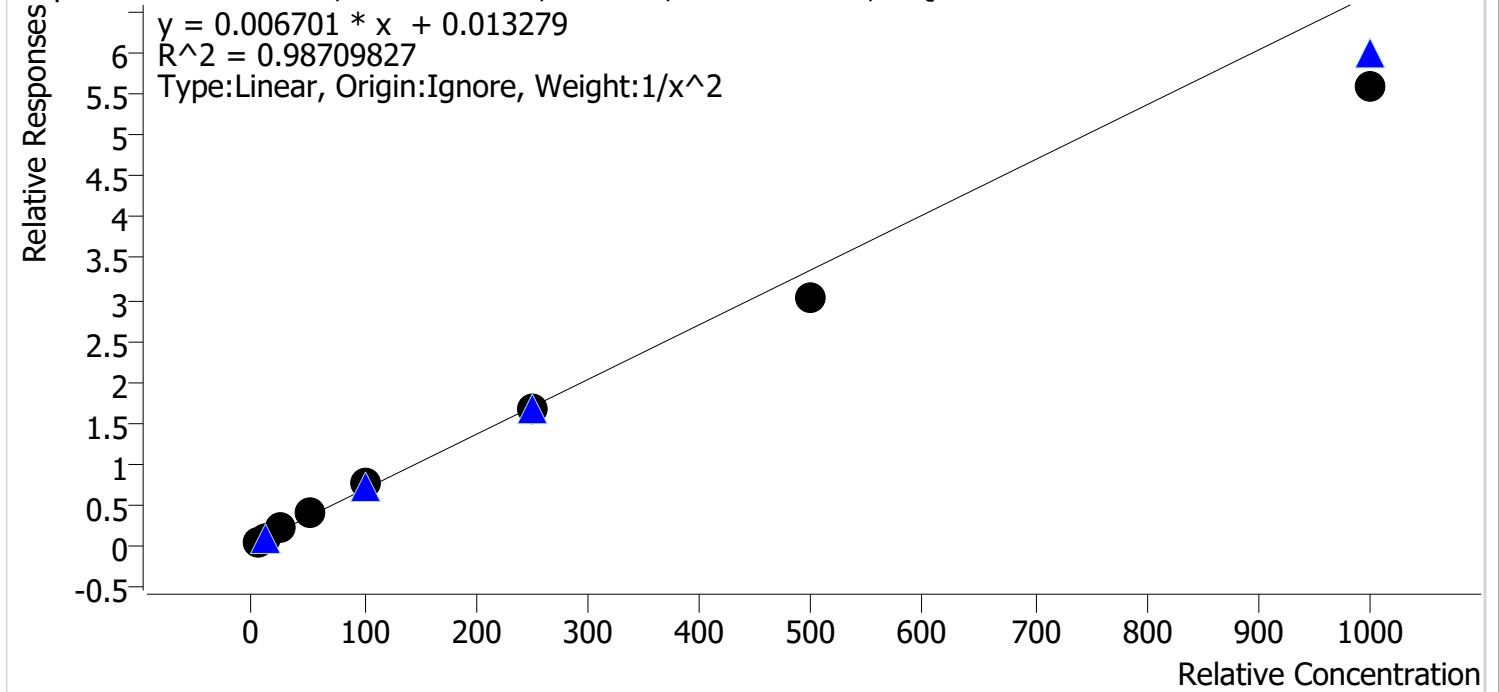


Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Amphetamine

Internal Standard

Pseudoephedrine-D3

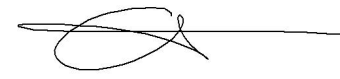
Amphetamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.7
cal 2 mdq	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	27.6	110.5
cal 4 mdq	4	✓	50.0	55.3	110.7
cal 5 mdq	5	✓	100.0	108.5	108.5
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	450.9	90.2
cal 8 mdq	8	✓	1000.0	834.4	83.4

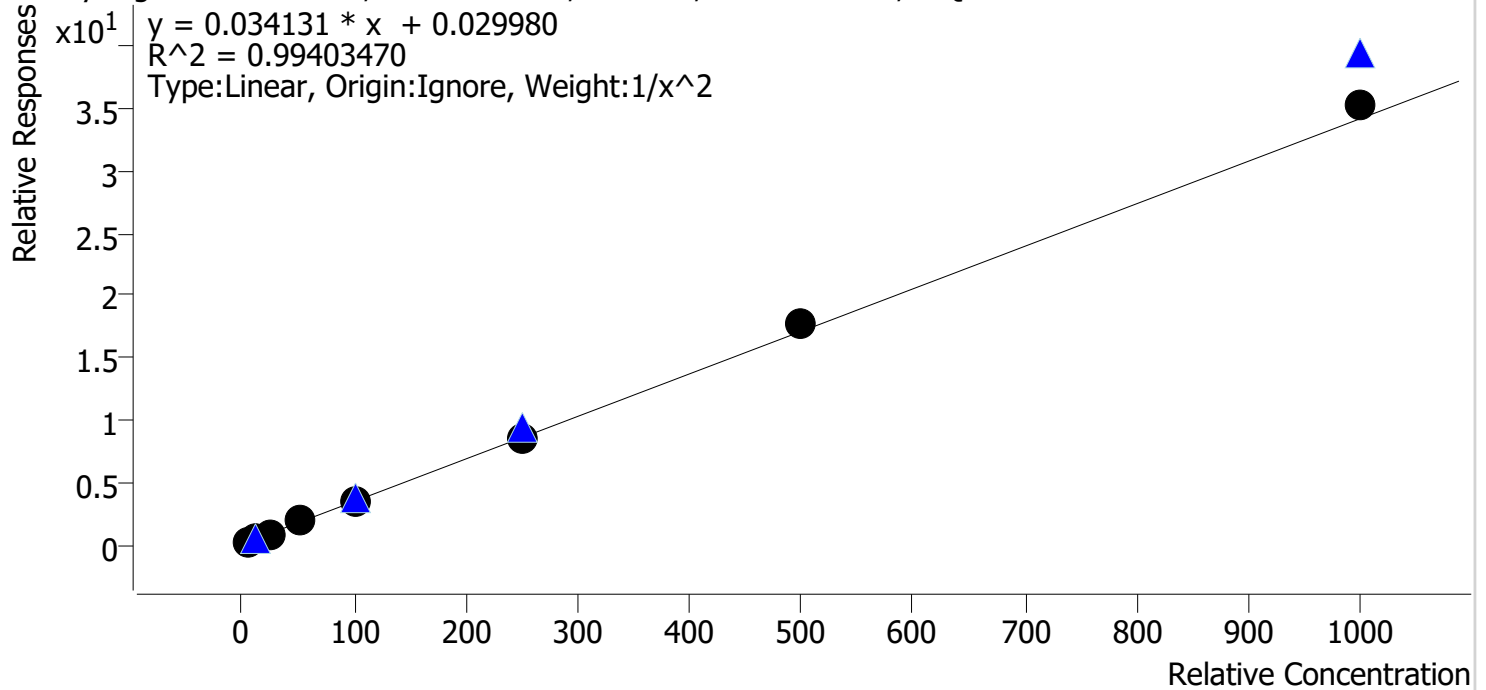
evaluated qualitatively surrogate internal standard used, due to accuracy.

Compound Calibration Report



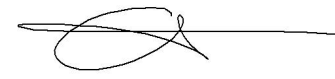
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



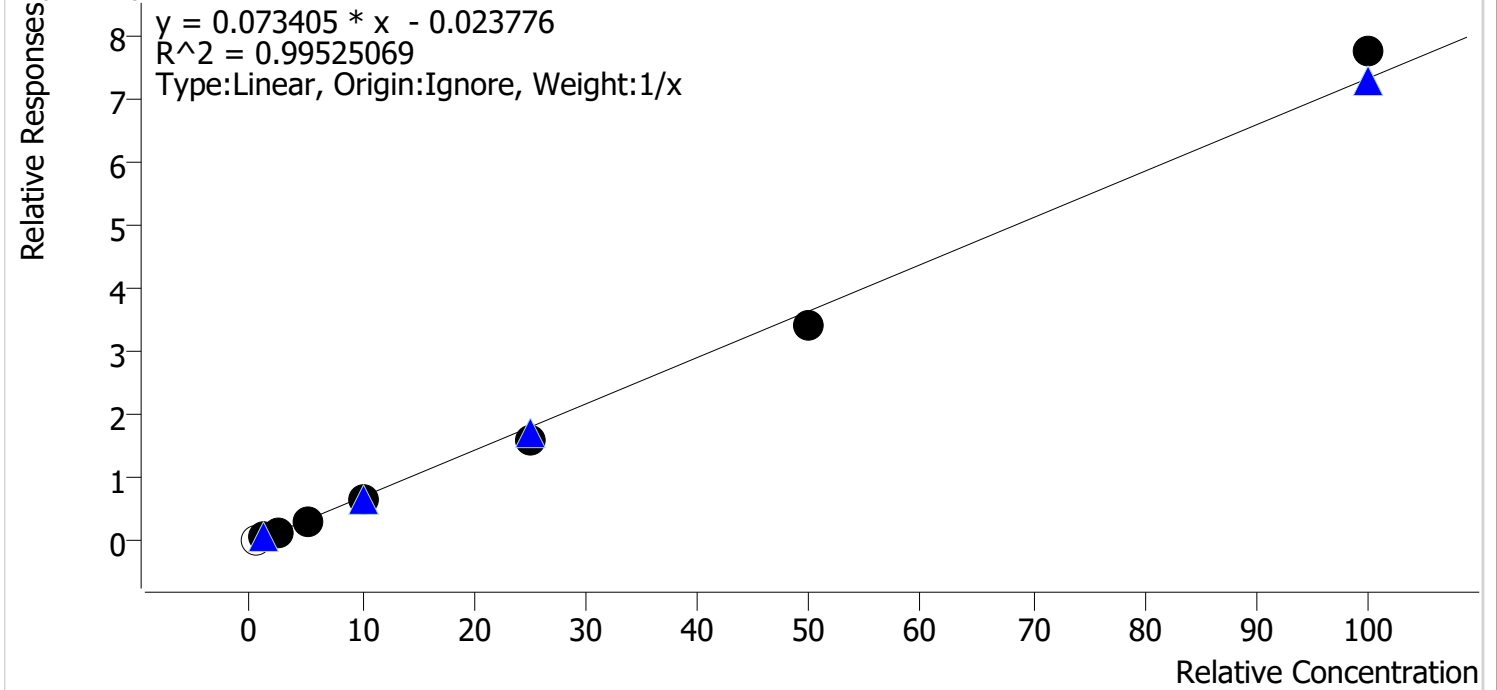
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.4
cal 2 mdq	2	✓	10.0	8.7	86.8
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	53.6	107.3
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	245.1	98.0
cal 7 mdq	7	✓	500.0	519.5	103.9
cal 8 mdq	8	✓	1000.0	1031.9	103.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

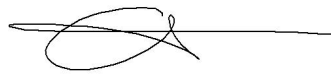
Buprenorphine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



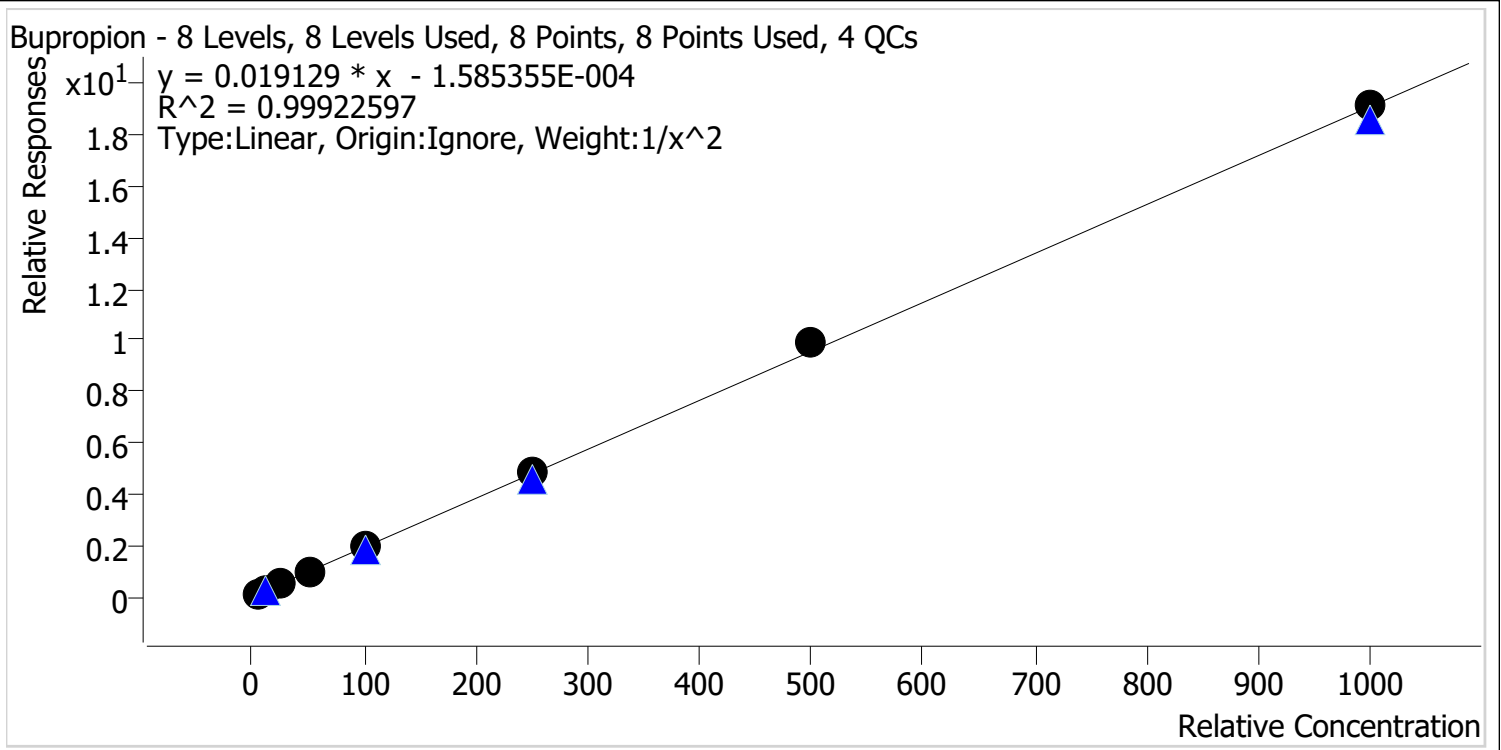
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.8	162.9
cal 2 mdq	2	✓	1.0	1.2	118.5
cal 3 mdq	3	✓	2.5	2.4	97.4
cal 4 mdq	4	✓	5.0	4.9	97.8
cal 5 mdq	5	✓	10.0	9.6	96.1
cal 6 mdq	6	✓	25.0	22.6	90.2
cal 7 mdq	7	✓	50.0	47.1	94.2
cal 8 mdq	8	✓	100.0	105.7	105.7

Dropped cal 1 due to ratio being out of range

Compound Calibration Report

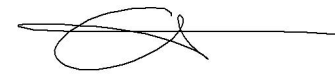


Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	521.0	104.2
cal 8 mdq	8	✓	1000.0	1002.2	100.2

Compound Calibration Report

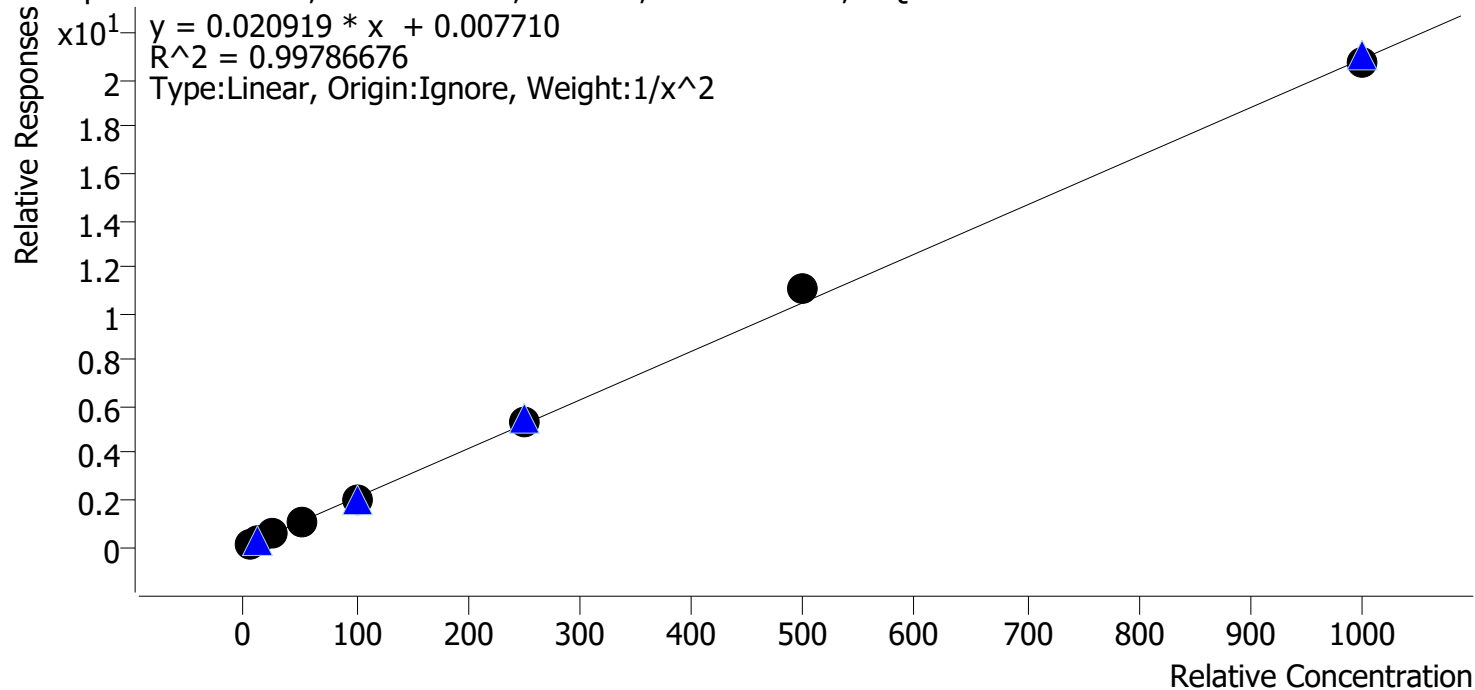


Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

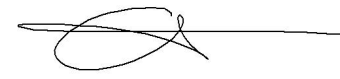
Carisoprodol-D7

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



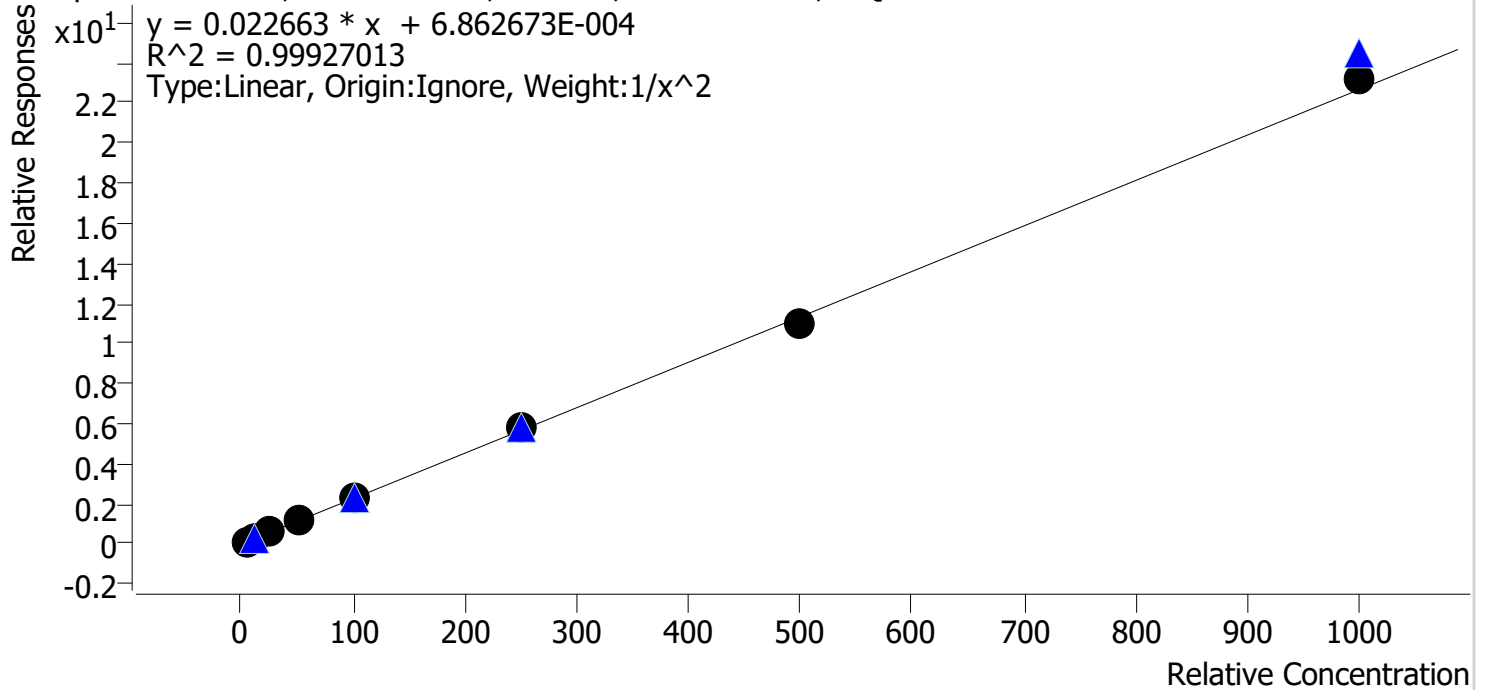
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.7	97.3
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	92.7	92.7
cal 6 mdq	6	✓	250.0	254.3	101.7
cal 7 mdq	7	✓	500.0	530.0	106.0
cal 8 mdq	8	✓	1000.0	995.4	99.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	260.4	104.2
cal 7 mdq	7	✓	500.0	488.7	97.7
cal 8 mdq	8	✓	1000.0	1022.2	102.2

Compound Calibration Report

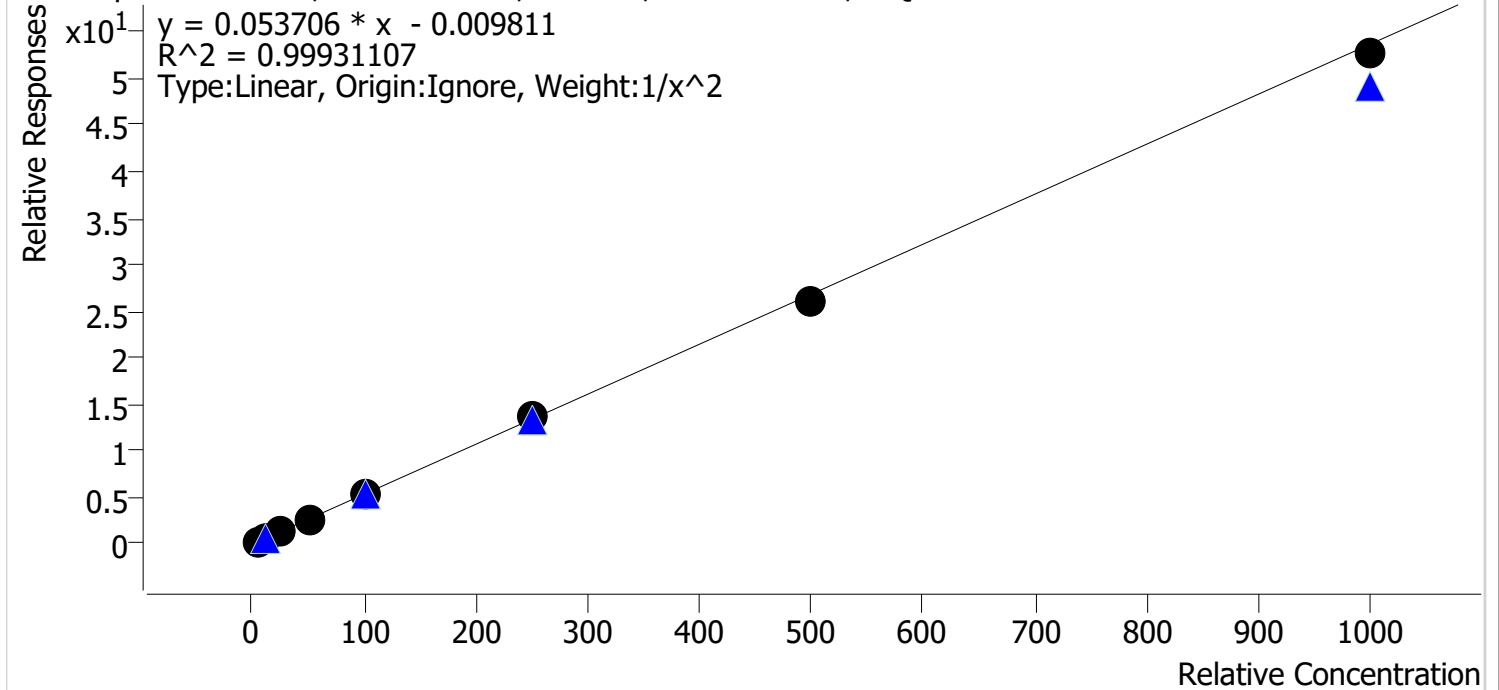


Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

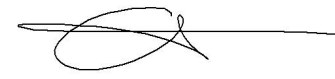
Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	50.5	101.0
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdq	6	✓	250.0	253.8	101.5
cal 7 mdq	7	✓	500.0	482.3	96.5
cal 8 mdq	8	✓	1000.0	981.2	98.1

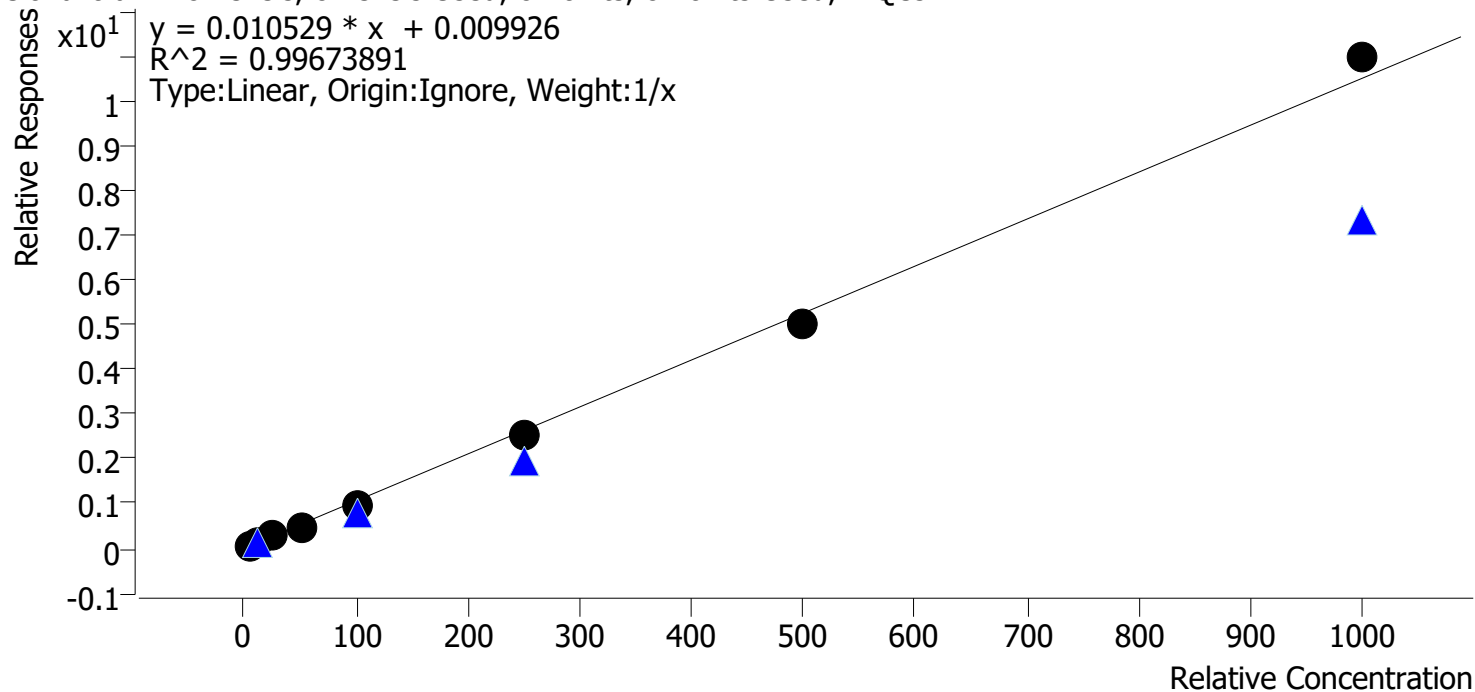
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Clonazolam

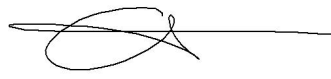
Internal Standard Temazepam-D5

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



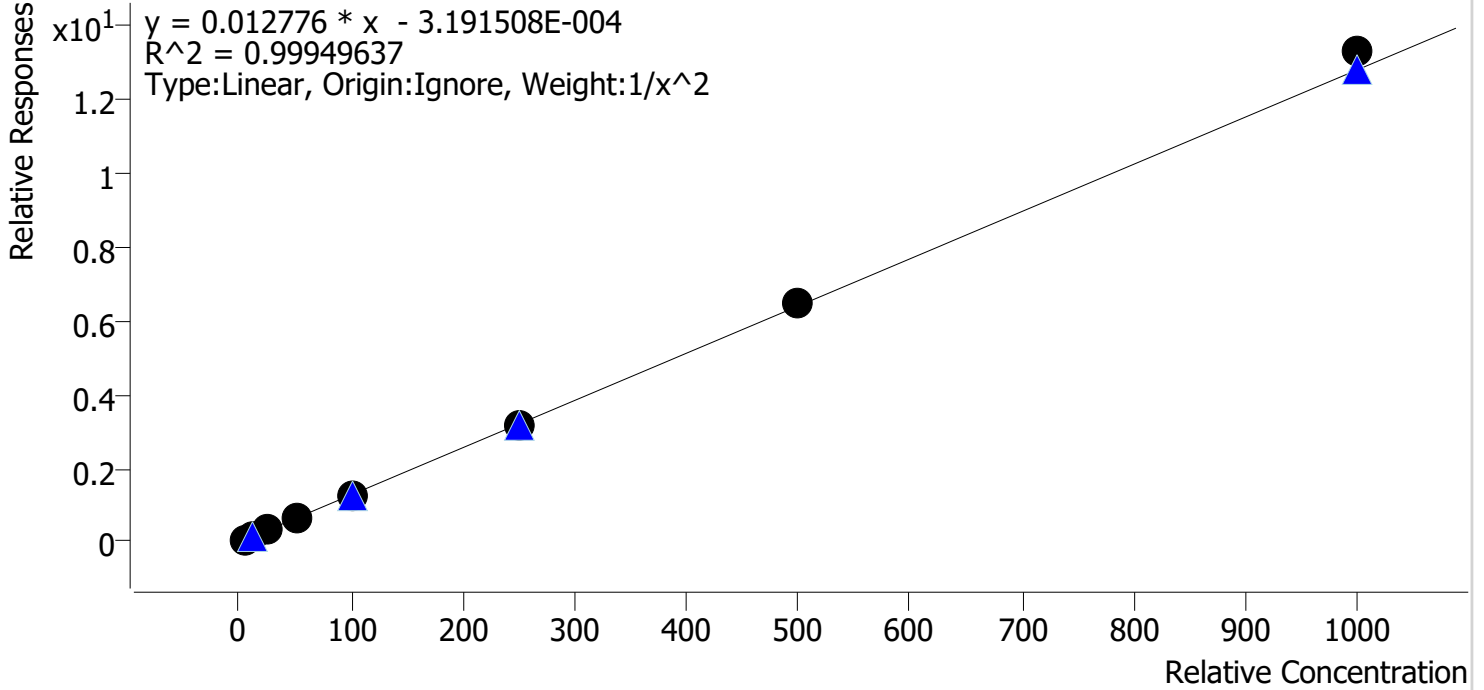
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	89.3
cal 2 mdq	2	✓	10.0	12.7	127.4
cal 3 mdq	3	✓	25.0	26.7	106.8
cal 4 mdq	4	✓	50.0	45.8	91.7
cal 5 mdq	5	✓	100.0	89.6	89.6
cal 6 mdq	6	✓	250.0	237.4	95.0
cal 7 mdq	7	✓	500.0	479.1	95.8
cal 8 mdq	8	✓	1000.0	1044.1	104.4

Compound Calibration Report



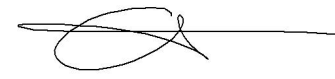
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



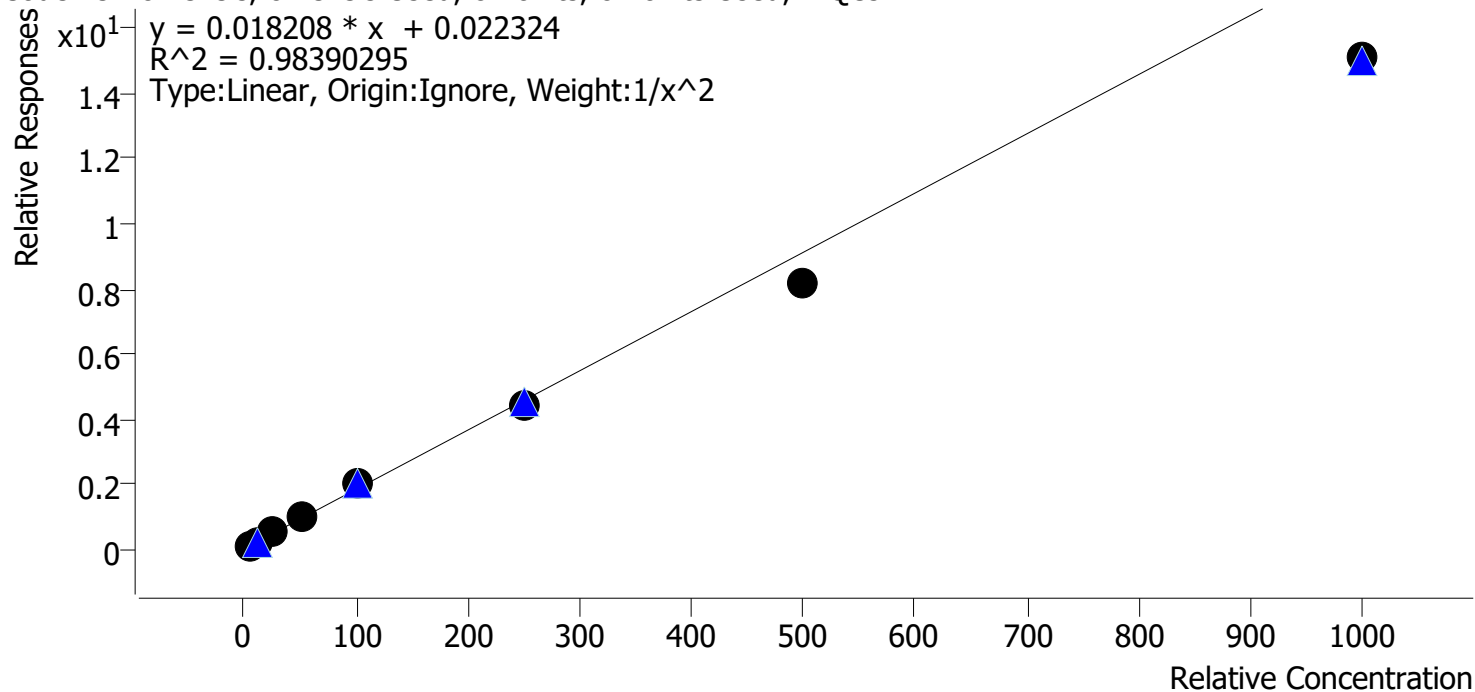
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	244.7	97.9
cal 7 mdq	7	✓	500.0	506.0	101.2
cal 8 mdq	8	✓	1000.0	1038.7	103.9

Compound Calibration Report



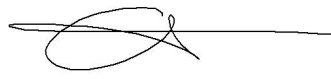
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



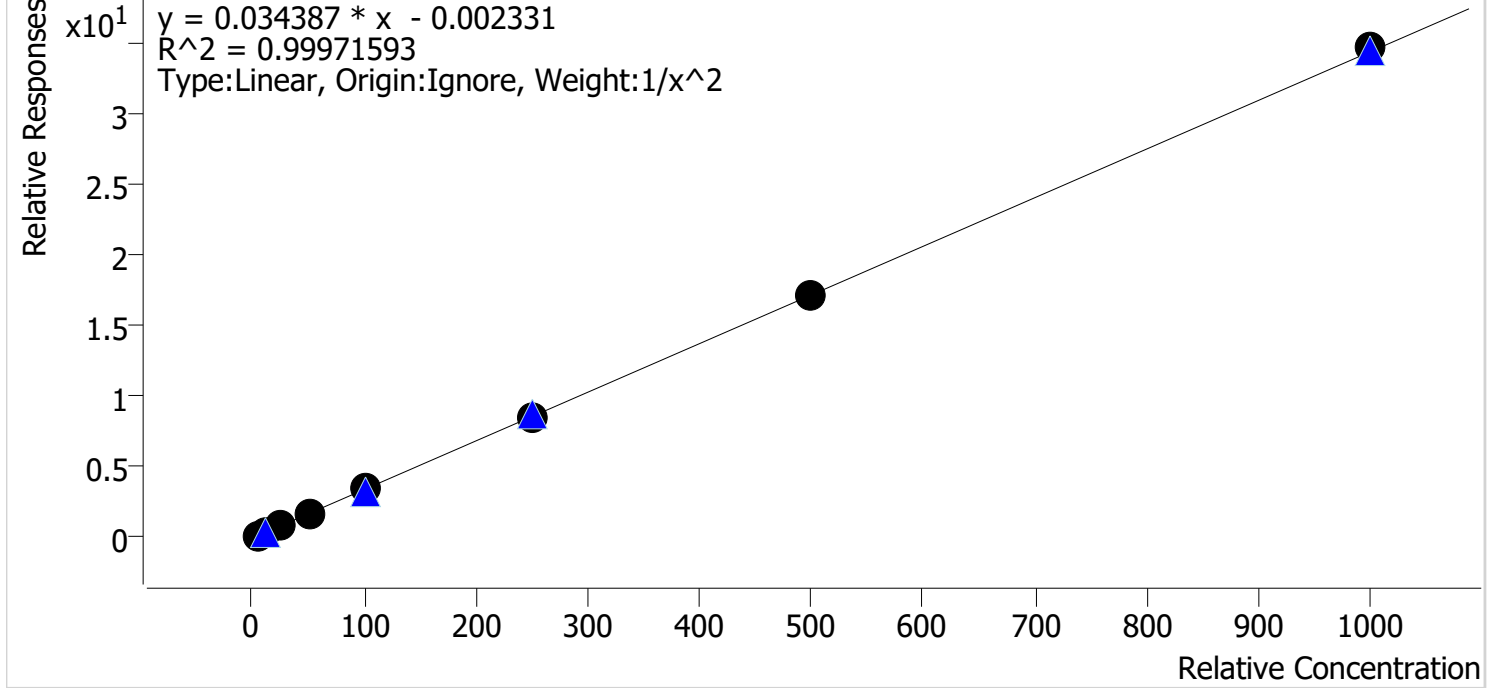
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.5
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	27.8	111.4
cal 4 mdq	4	✓	50.0	56.6	113.3
cal 5 mdq	5	✓	100.0	109.6	109.6
cal 6 mdq	6	✓	250.0	238.8	95.5
cal 7 mdq	7	✓	500.0	447.5	89.5
cal 8 mdq	8	✓	1000.0	828.7	82.9

Compound Calibration Report



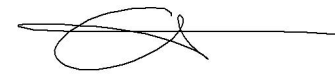
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



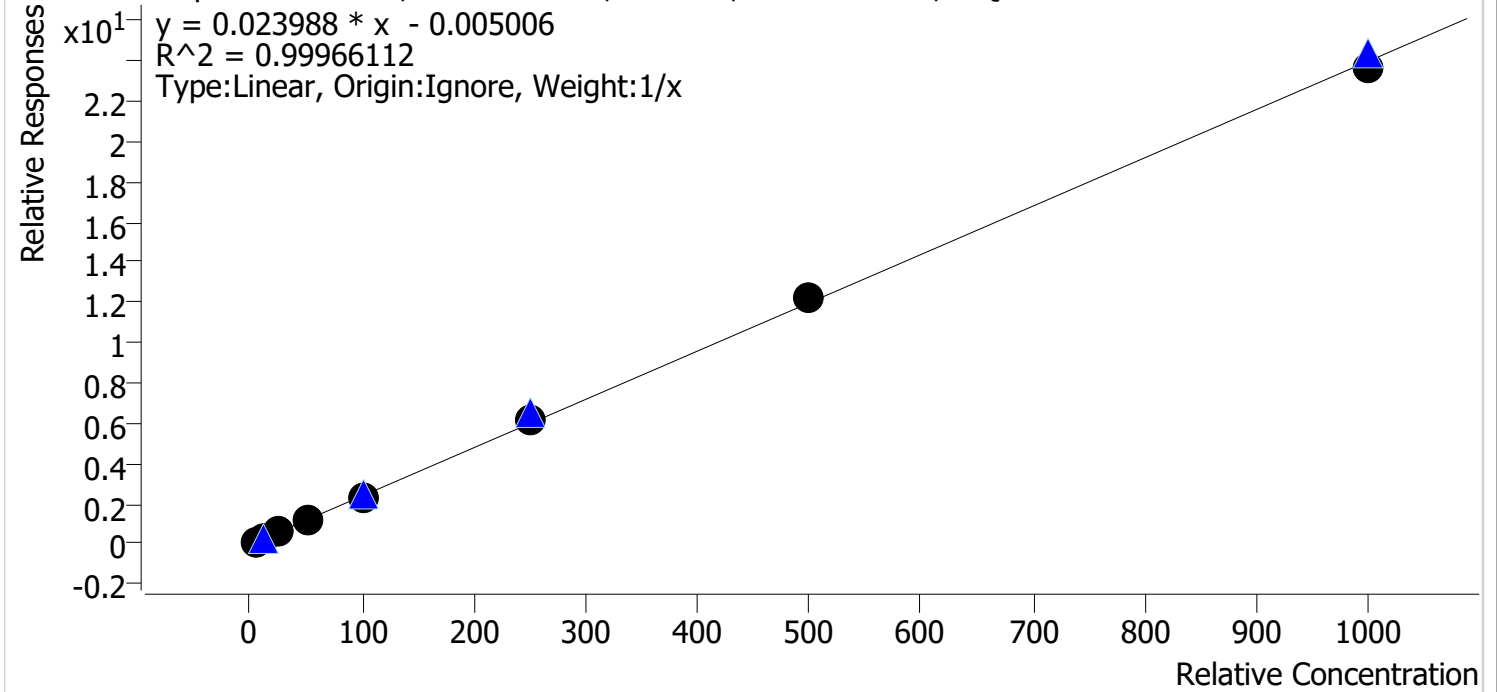
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	24.5	98.2
cal 4 mdq	4	✓	50.0	51.0	101.9
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	502.2	100.4
cal 8 mdq	8	✓	1000.0	1008.6	100.9

Compound Calibration Report



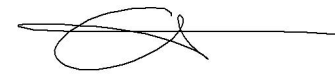
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



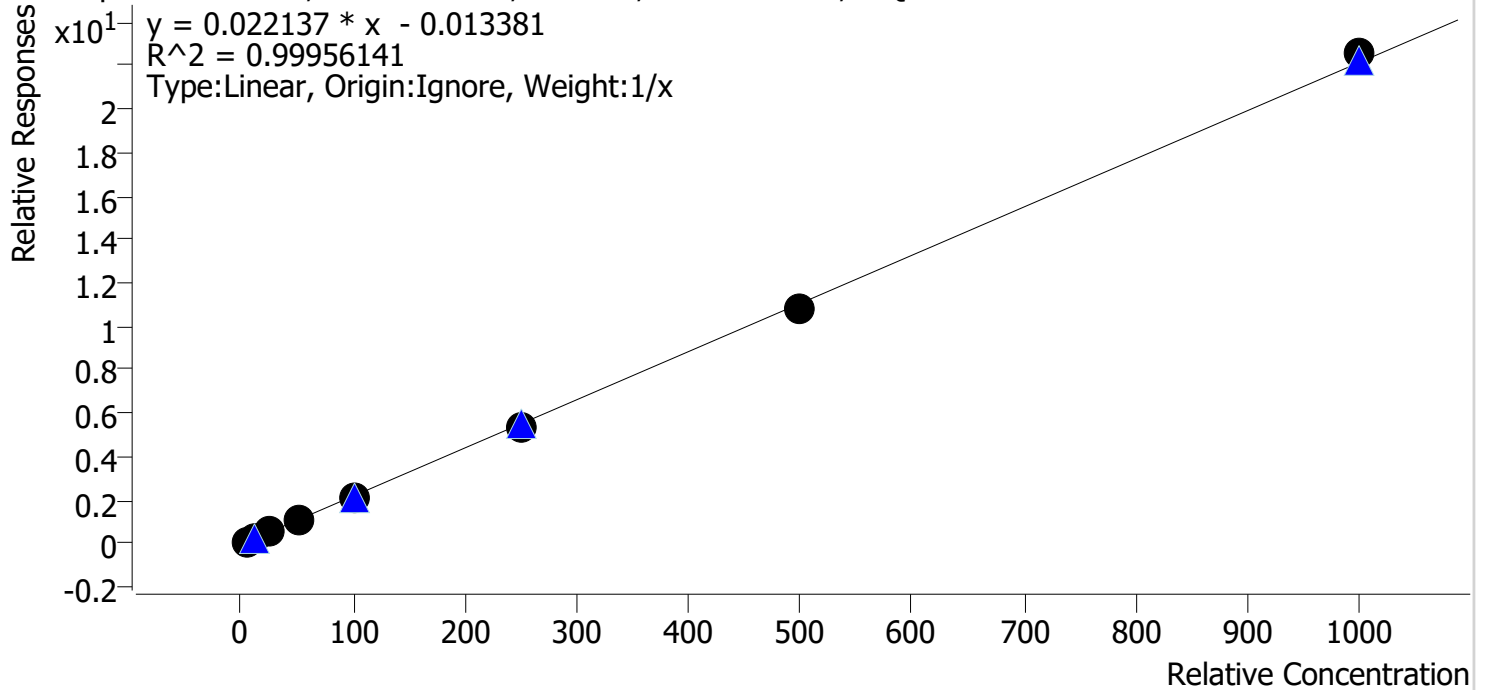
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.9
cal 2 mdq	2	✓	10.0	9.5	95.2
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	256.8	102.7
cal 7 mdq	7	✓	500.0	508.9	101.8
cal 8 mdq	8	✓	1000.0	986.7	98.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



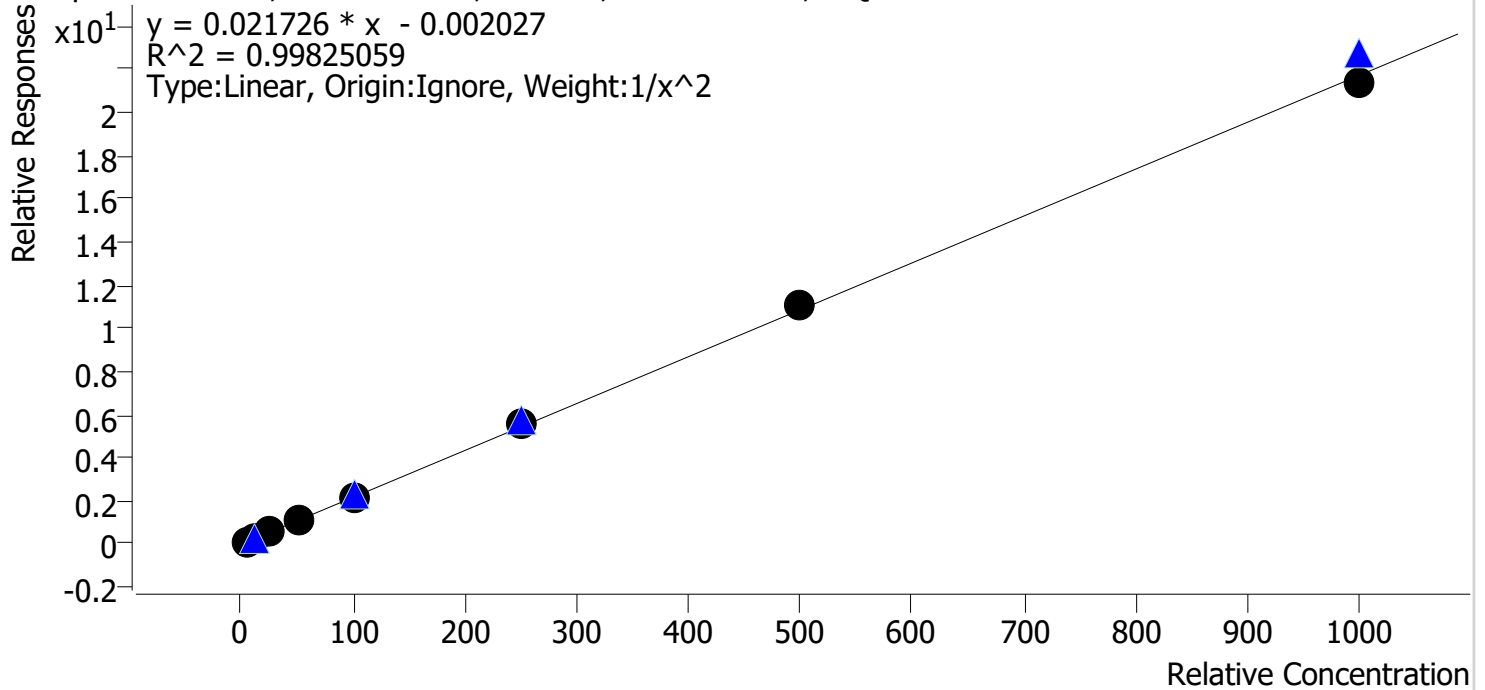
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.7
cal 2 mdq	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	24.7	98.6
cal 4 mdq	4	✓	50.0	48.3	96.6
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	245.9	98.3
cal 7 mdq	7	✓	500.0	489.0	97.8
cal 8 mdq	8	✓	1000.0	1018.5	101.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



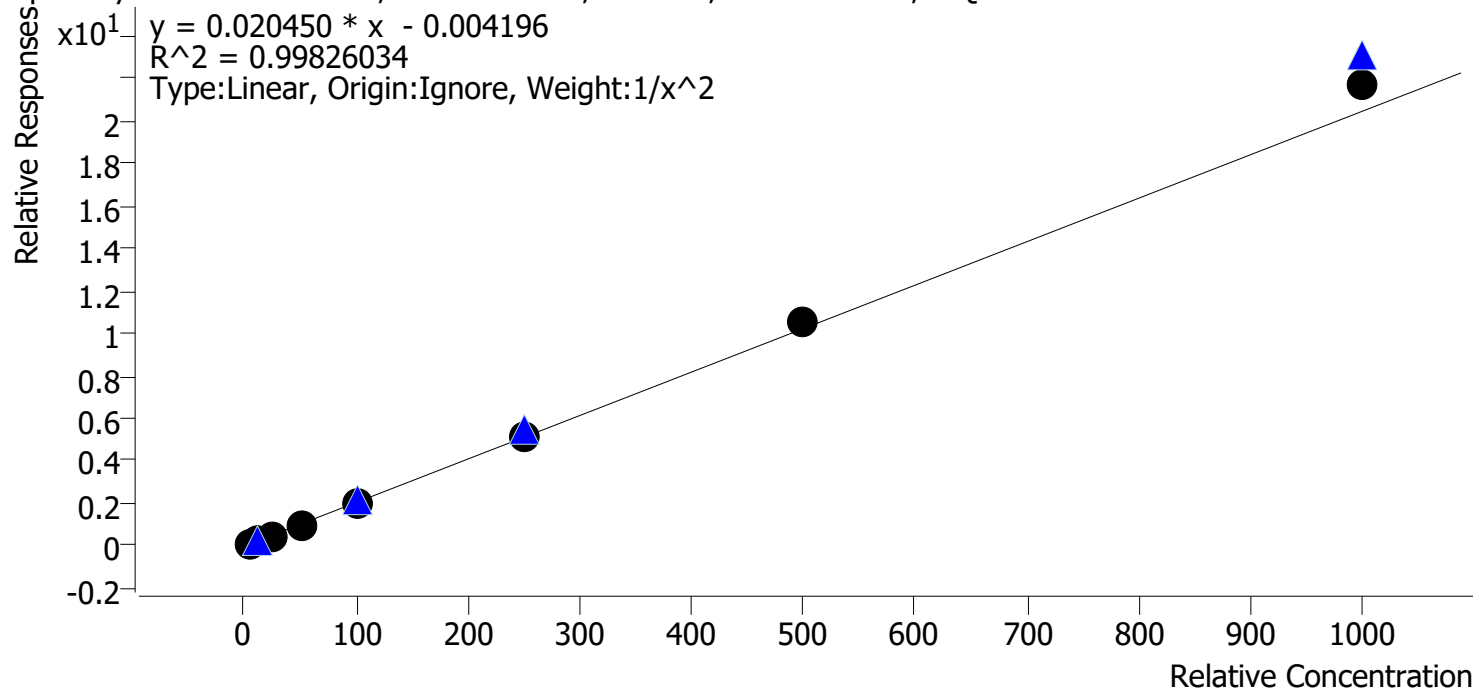
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.8
cal 2 mdq	2	✓	10.0	9.3	93.1
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	51.2	102.5
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdq	6	✓	250.0	256.1	102.4
cal 7 mdq	7	✓	500.0	508.4	101.7
cal 8 mdq	8	✓	1000.0	988.1	98.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

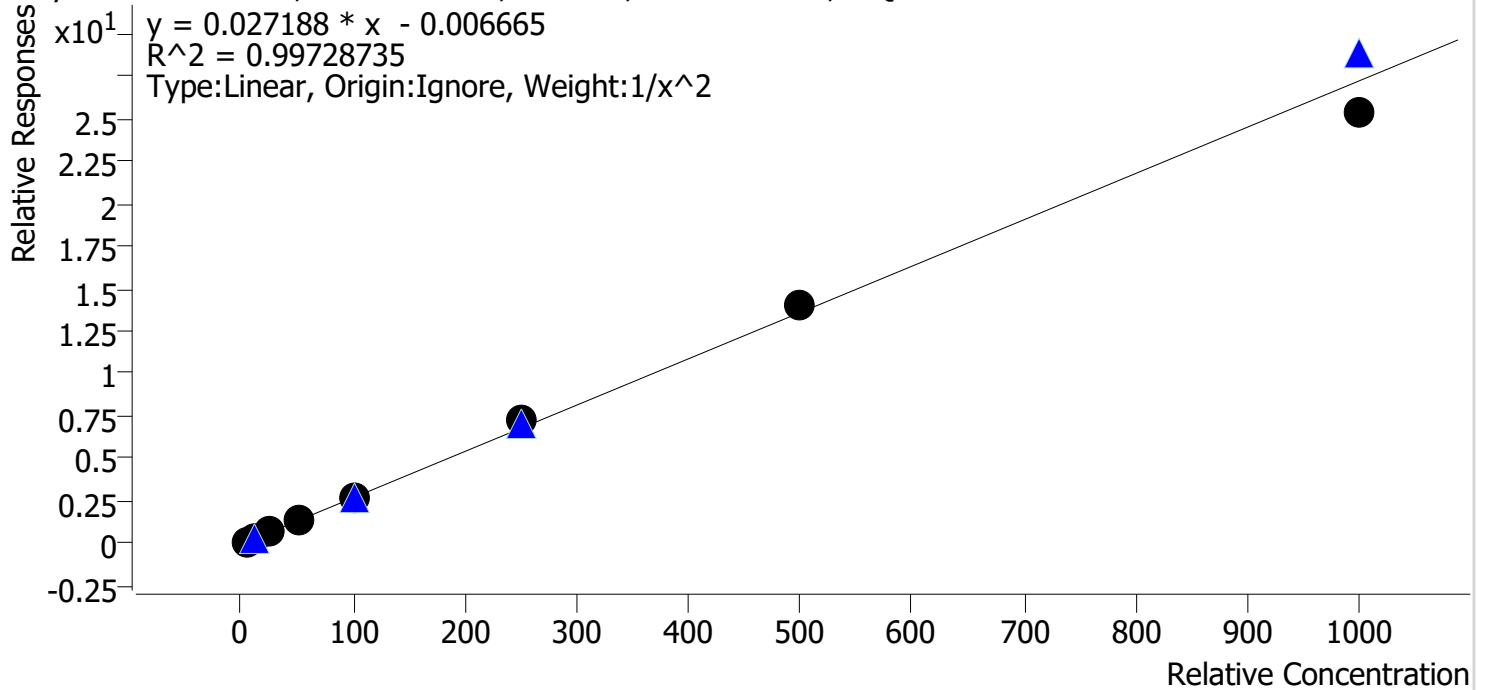


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.5
cal 2 mdq	2	✓	10.0	9.7	97.5
cal 3 mdq	3	✓	25.0	23.8	95.1
cal 4 mdq	4	✓	50.0	48.5	97.0
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	250.9	100.3
cal 7 mdq	7	✓	500.0	512.2	102.4
cal 8 mdq	8	✓	1000.0	1062.1	106.2

Compound Calibration Report

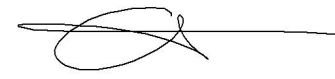
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



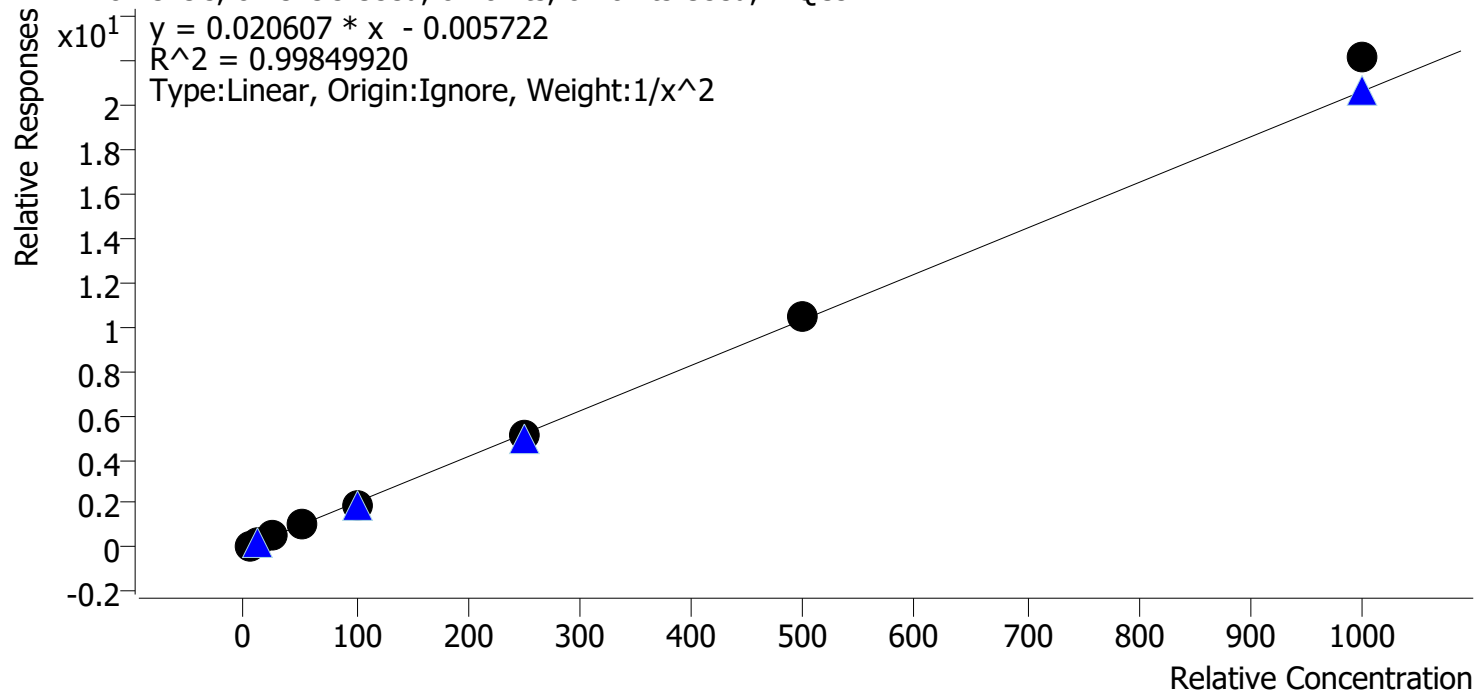
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.7	96.7
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	49.1	98.3
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	271.6	108.7
cal 7 mdq	7	✓	500.0	513.0	102.6
cal 8 mdq	8	✓	1000.0	936.0	93.6

Compound Calibration Report



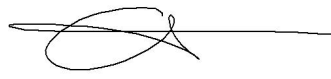
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



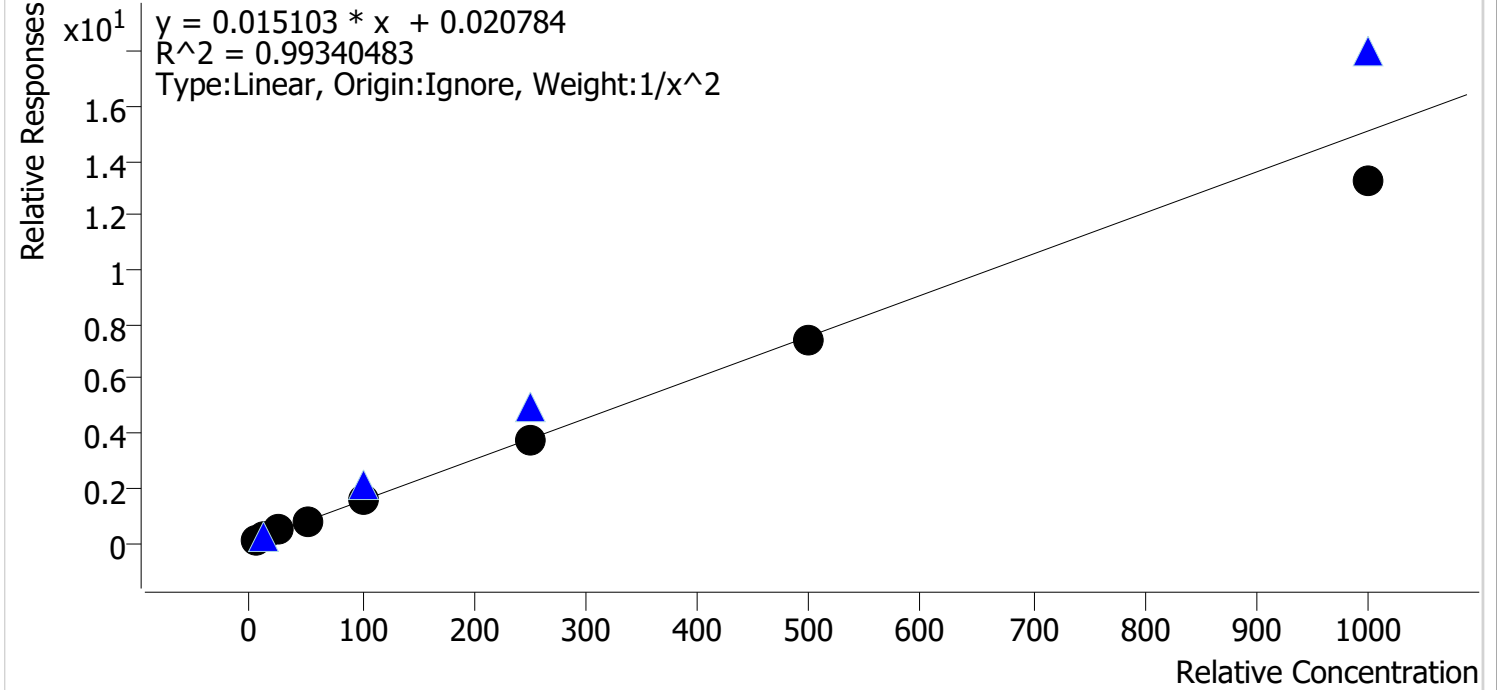
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	49.4	98.7
cal 5 mdq	5	✓	100.0	96.4	96.4
cal 6 mdq	6	✓	250.0	244.6	97.8
cal 7 mdq	7	✓	500.0	504.0	100.8
cal 8 mdq	8	✓	1000.0	1073.7	107.4

Compound Calibration Report



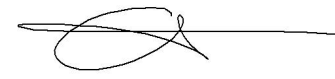
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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



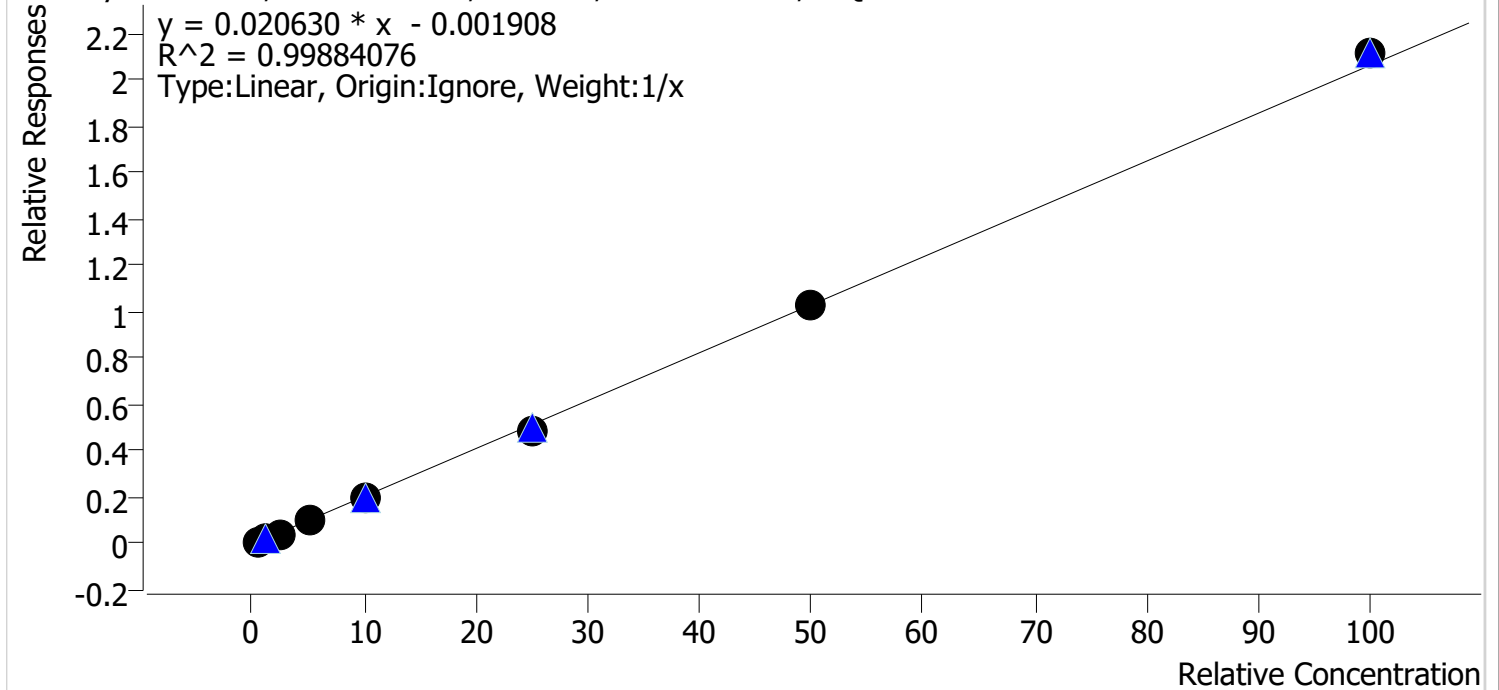
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.4
cal 2 mdq	2	✓	10.0	10.7	106.9
cal 3 mdq	3	✓	25.0	27.4	109.5
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	105.4	105.4
cal 6 mdq	6	✓	250.0	242.9	97.1
cal 7 mdq	7	✓	500.0	486.4	97.3
cal 8 mdq	8	✓	1000.0	883.2	88.3

Compound Calibration Report



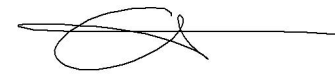
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



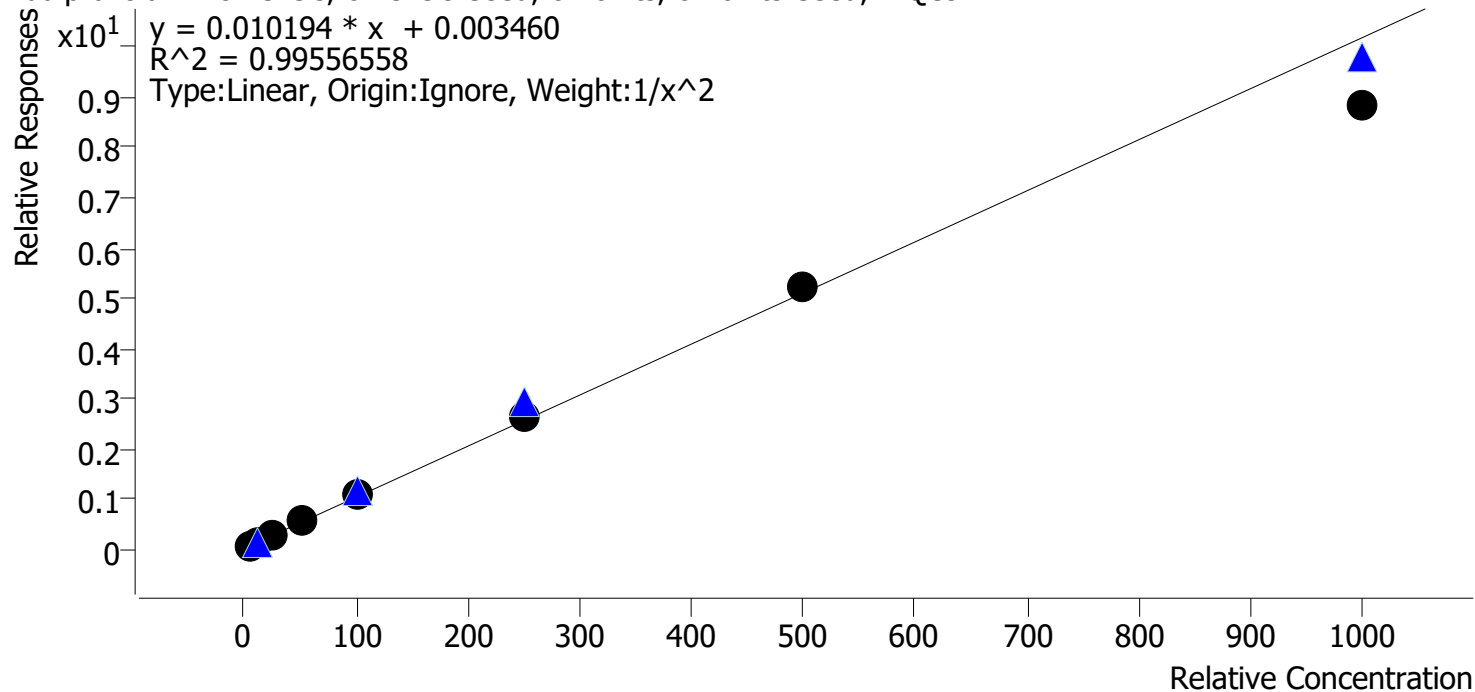
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	110.4
cal 2 mdq	2	✓	1.0	1.1	107.6
cal 3 mdq	3	✓	2.5	2.3	94.0
cal 4 mdq	4	✓	5.0	4.9	97.8
cal 5 mdq	5	✓	10.0	9.4	94.2
cal 6 mdq	6	✓	25.0	23.5	94.1
cal 7 mdq	7	✓	50.0	49.8	99.5
cal 8 mdq	8	✓	100.0	102.4	102.4

Compound Calibration Report



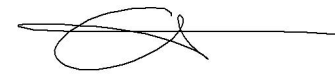
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



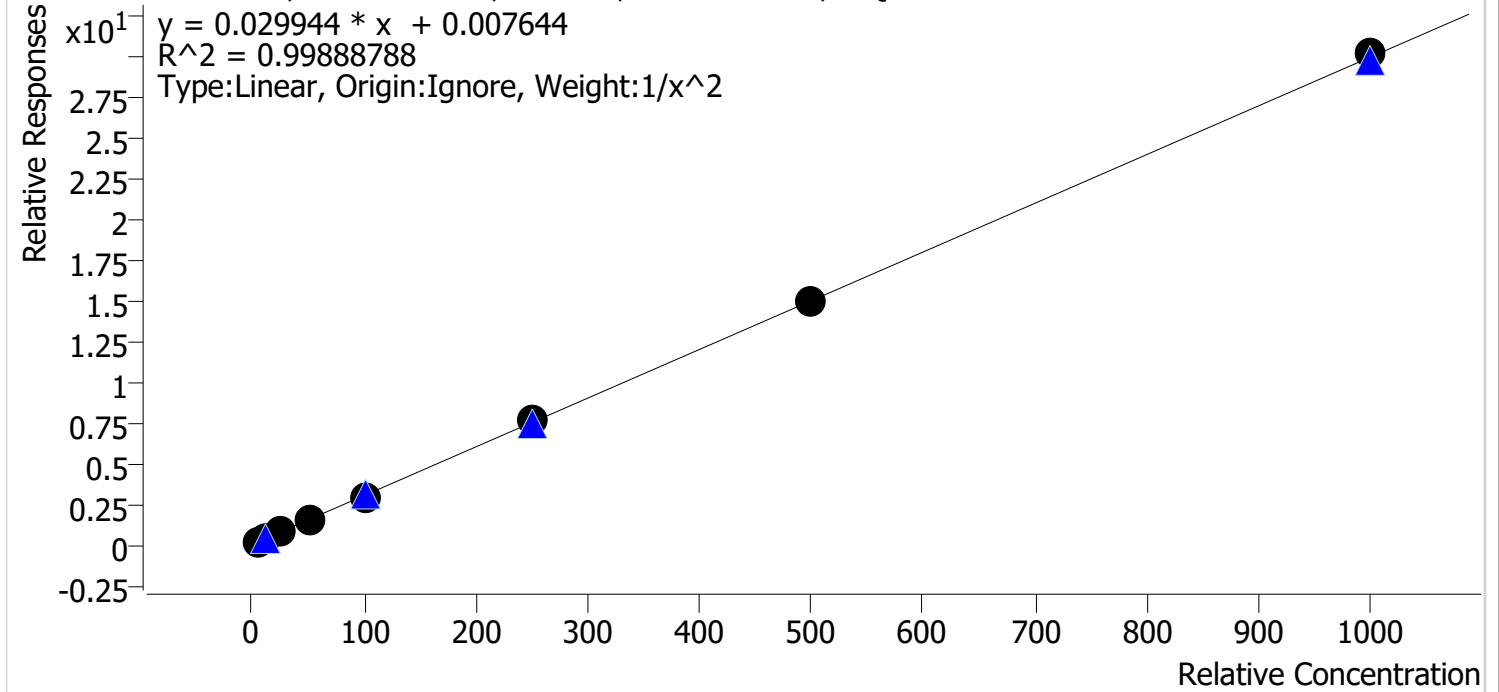
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	51.9	103.9
cal 5 mdq	5	✓	100.0	105.2	105.2
cal 6 mdq	6	✓	250.0	258.0	103.2
cal 7 mdq	7	✓	500.0	510.8	102.2
cal 8 mdq	8	✓	1000.0	868.5	86.9

Compound Calibration Report



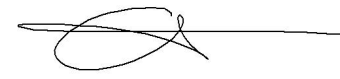
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



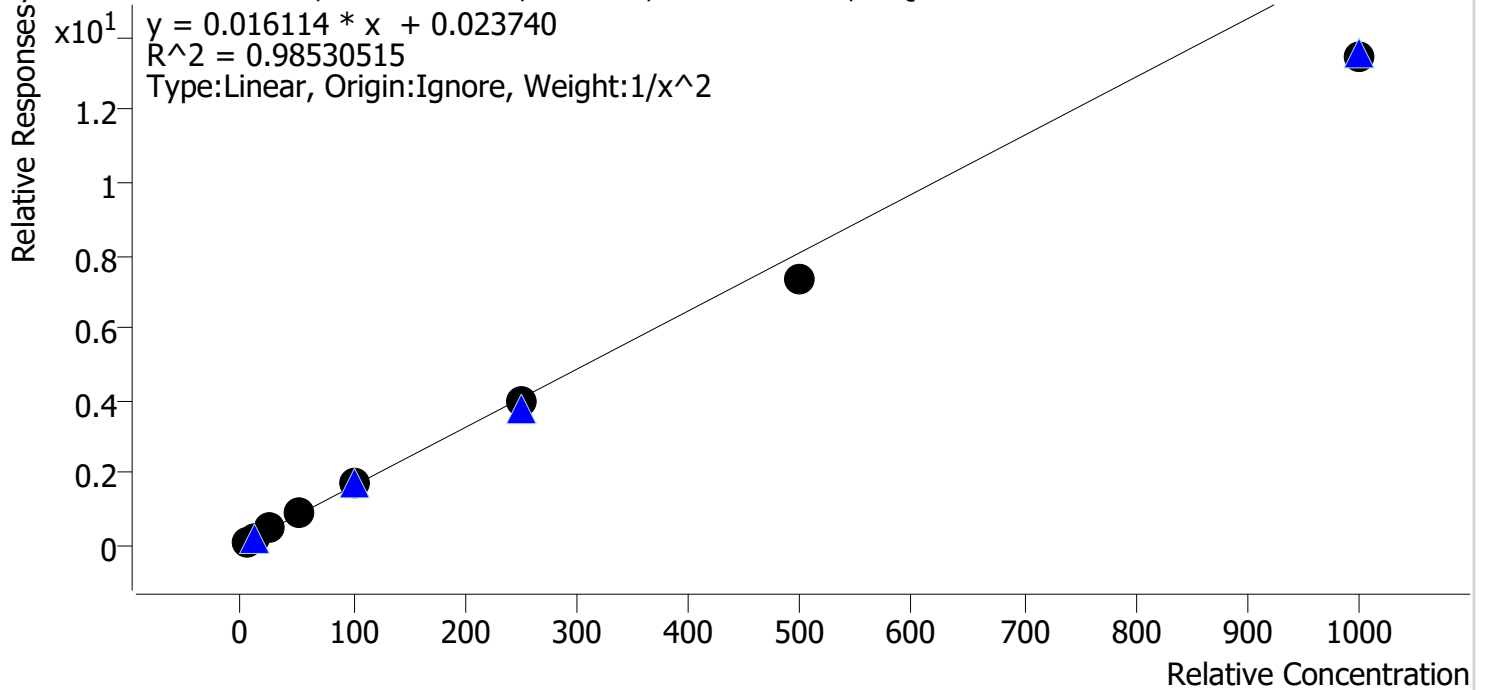
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.7
cal 2 mdq	2	✓	10.0	9.6	95.6
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	51.2	102.5
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	258.2	103.3
cal 7 mdq	7	✓	500.0	500.6	100.1
cal 8 mdq	8	✓	1000.0	1007.5	100.7

Compound Calibration Report



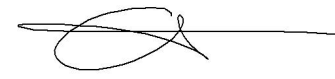
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



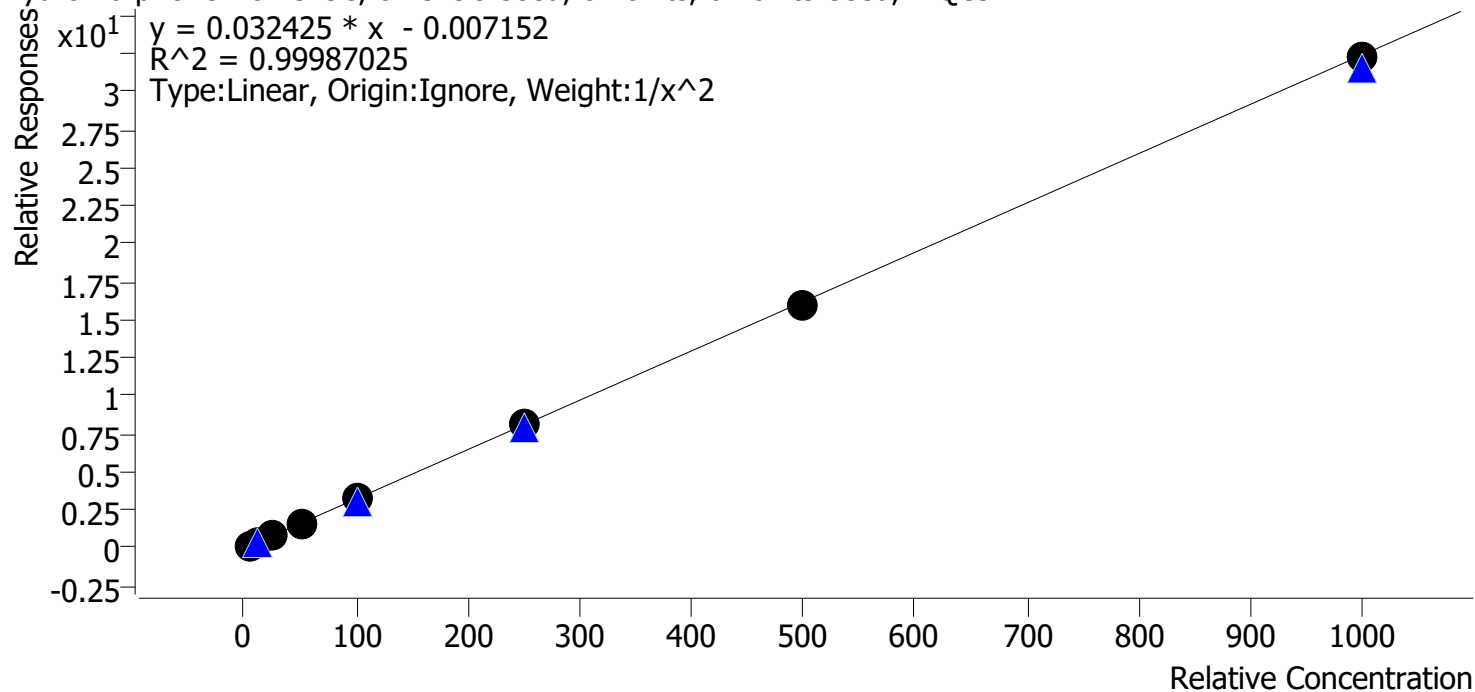
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	92.8
cal 2 mdq	2	✓	10.0	10.7	106.8
cal 3 mdq	3	✓	25.0	28.5	114.1
cal 4 mdq	4	✓	50.0	54.7	109.4
cal 5 mdq	5	✓	100.0	105.7	105.7
cal 6 mdq	6	✓	250.0	242.9	97.1
cal 7 mdq	7	✓	500.0	452.2	90.4
cal 8 mdq	8	✓	1000.0	835.9	83.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



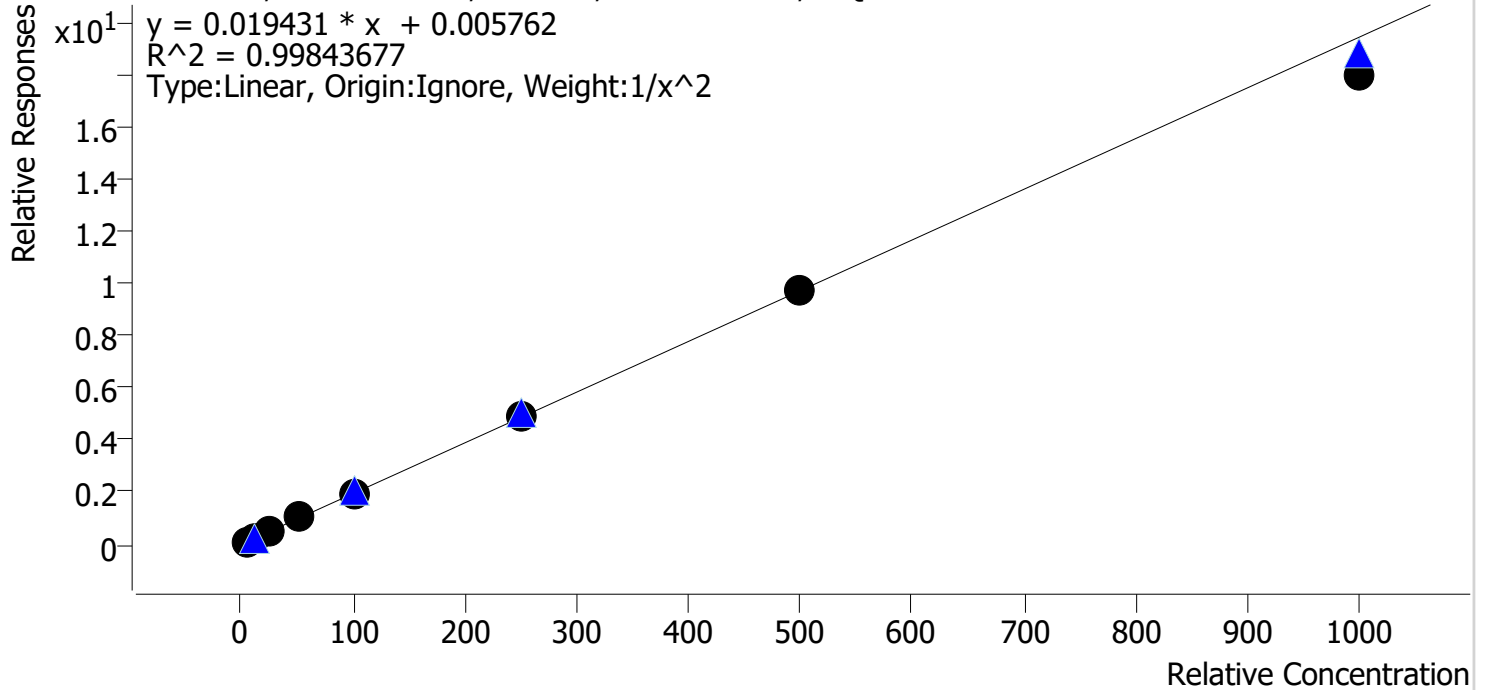
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	49.8	99.5
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	494.2	98.8
cal 8 mdq	8	✓	1000.0	994.8	99.5

Compound Calibration Report



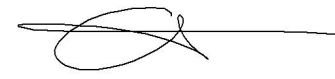
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	501.4	100.3
cal 8 mdq	8	✓	1000.0	924.8	92.5

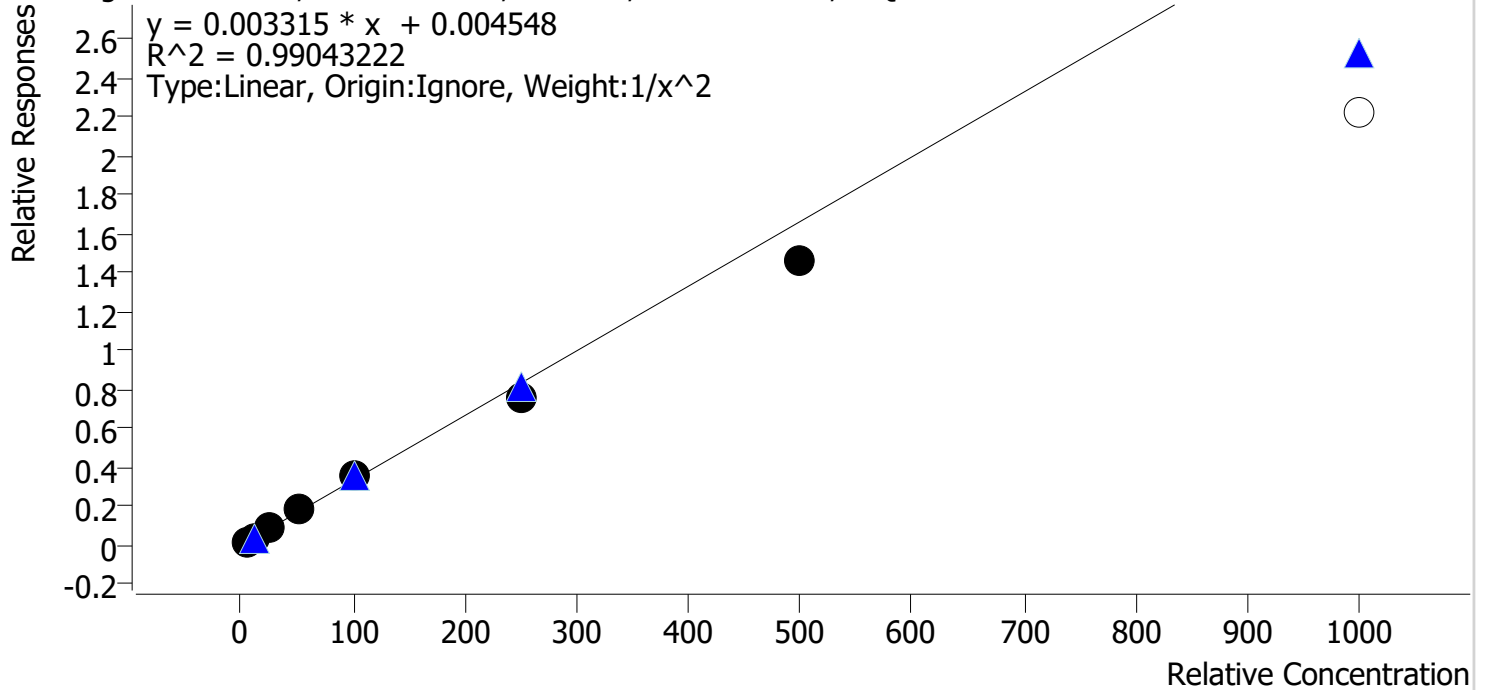
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\lam 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Lamotrigine

Internal Standard Alprazolam-D5

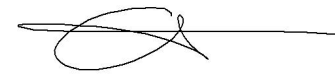
Lamotrigine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



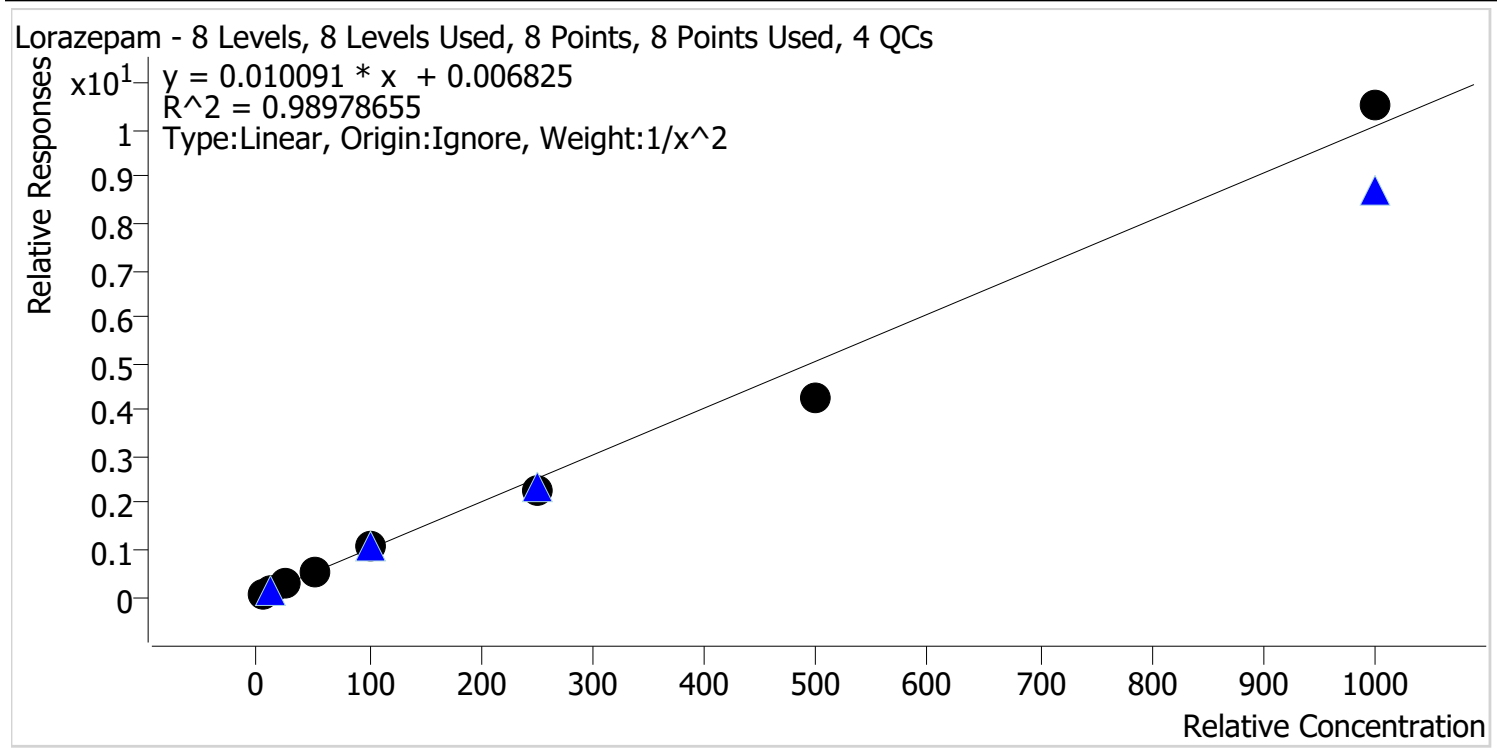
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	26.1	104.5
cal 4 mdq	4	✓	50.0	55.4	110.9
cal 5 mdq	5	✓	100.0	106.9	106.9
cal 6 mdq	6	✓	250.0	227.0	90.8
cal 7 mdq	7	✓	500.0	441.9	88.4
cal 8 mdq	8	✗	1000.0	670.2	67.0

dropped cal 8 due to accuracy

Compound Calibration Report

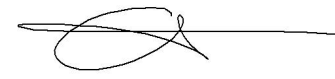


Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



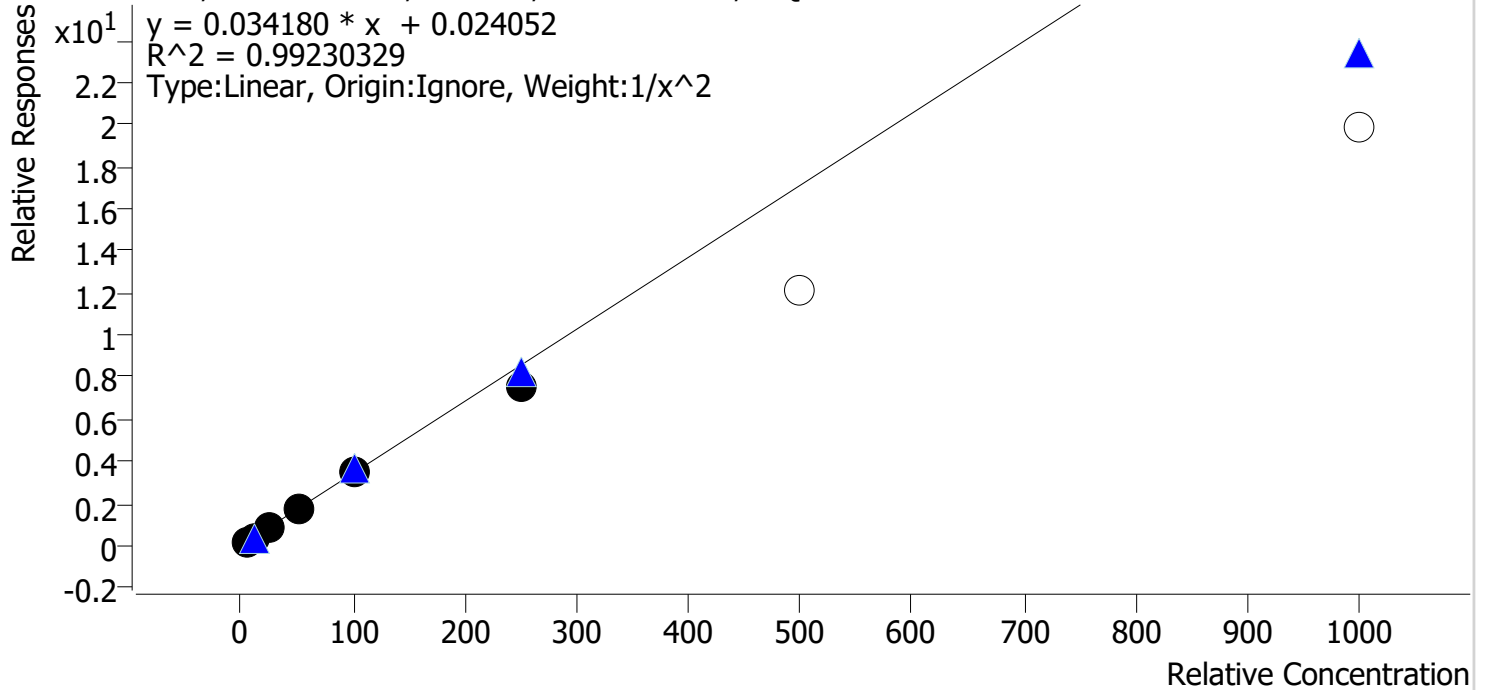
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.9
cal 2 mdq	2	✓	10.0	10.4	103.5
cal 3 mdq	3	✓	25.0	26.9	107.5
cal 4 mdq	4	✓	50.0	54.1	108.3
cal 5 mdq	5	✓	100.0	105.4	105.4
cal 6 mdq	6	✓	250.0	228.1	91.2
cal 7 mdq	7	✓	500.0	418.6	83.7
cal 8 mdq	8	✓	1000.0	1043.6	104.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

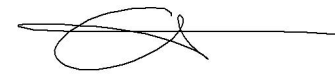
MDA - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.4	103.5
cal 3 mdq	3	✓	25.0	26.7	106.8
cal 4 mdq	4	✓	50.0	52.4	104.7
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	218.0	87.2
cal 7 mdq	7	✗	500.0	356.5	71.3
cal 8 mdq	8	✗	1000.0	581.9	58.2

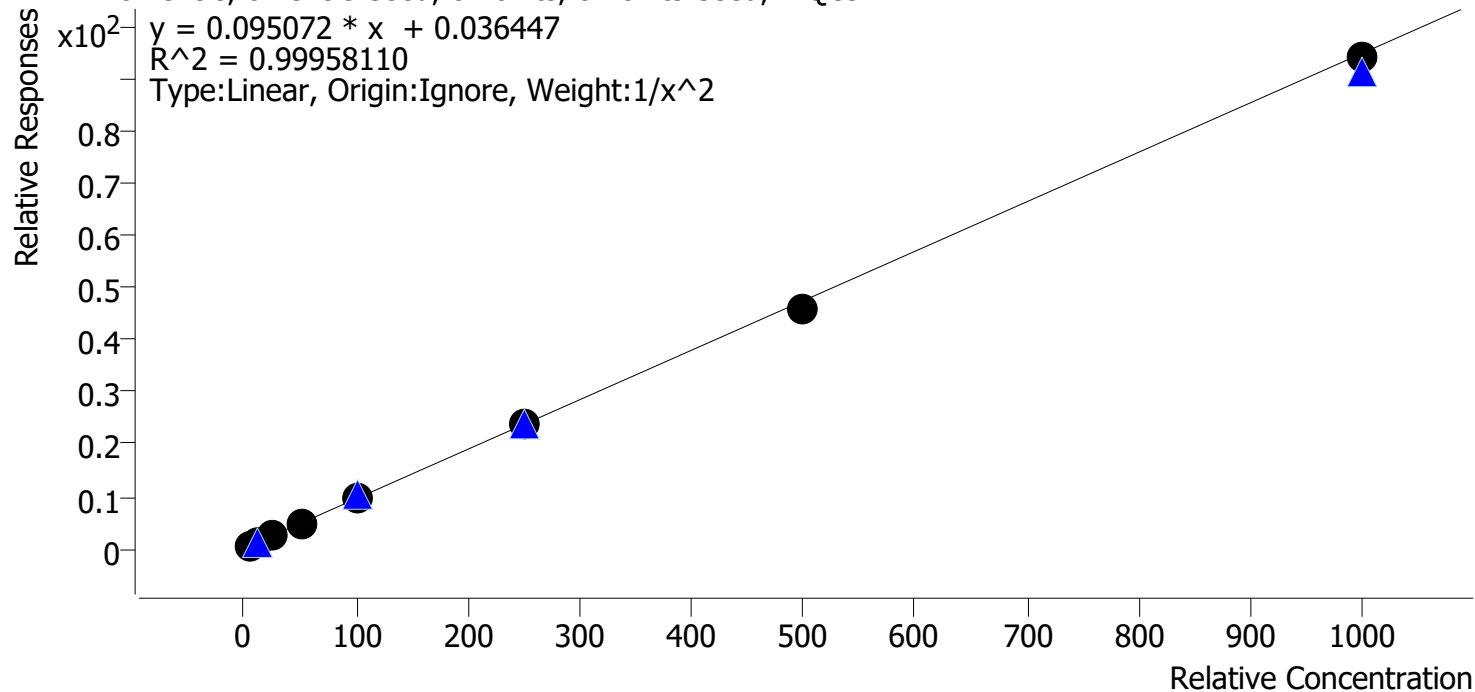
dropped cal 7 and 8 due to accuracy

Compound Calibration Report



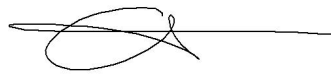
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



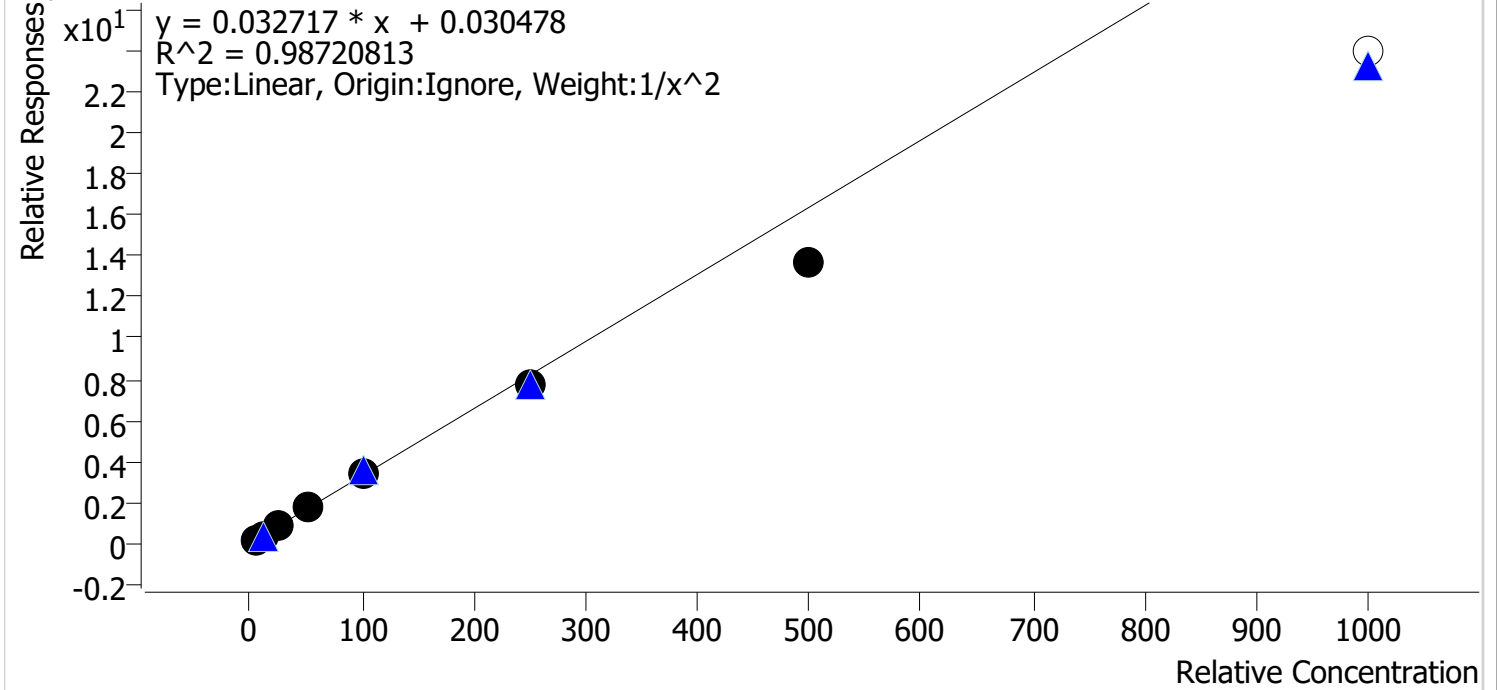
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	50.9	101.7
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	486.0	97.2
cal 8 mdq	8	✓	1000.0	991.3	99.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

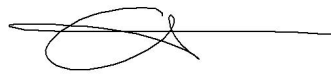
Meprobamate - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.2
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	28.2	112.8
cal 4 mdq	4	✓	50.0	53.5	106.9
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	235.2	94.1
cal 7 mdq	7	✓	500.0	419.4	83.9
cal 8 mdq	8	✗	1000.0	731.6	73.2

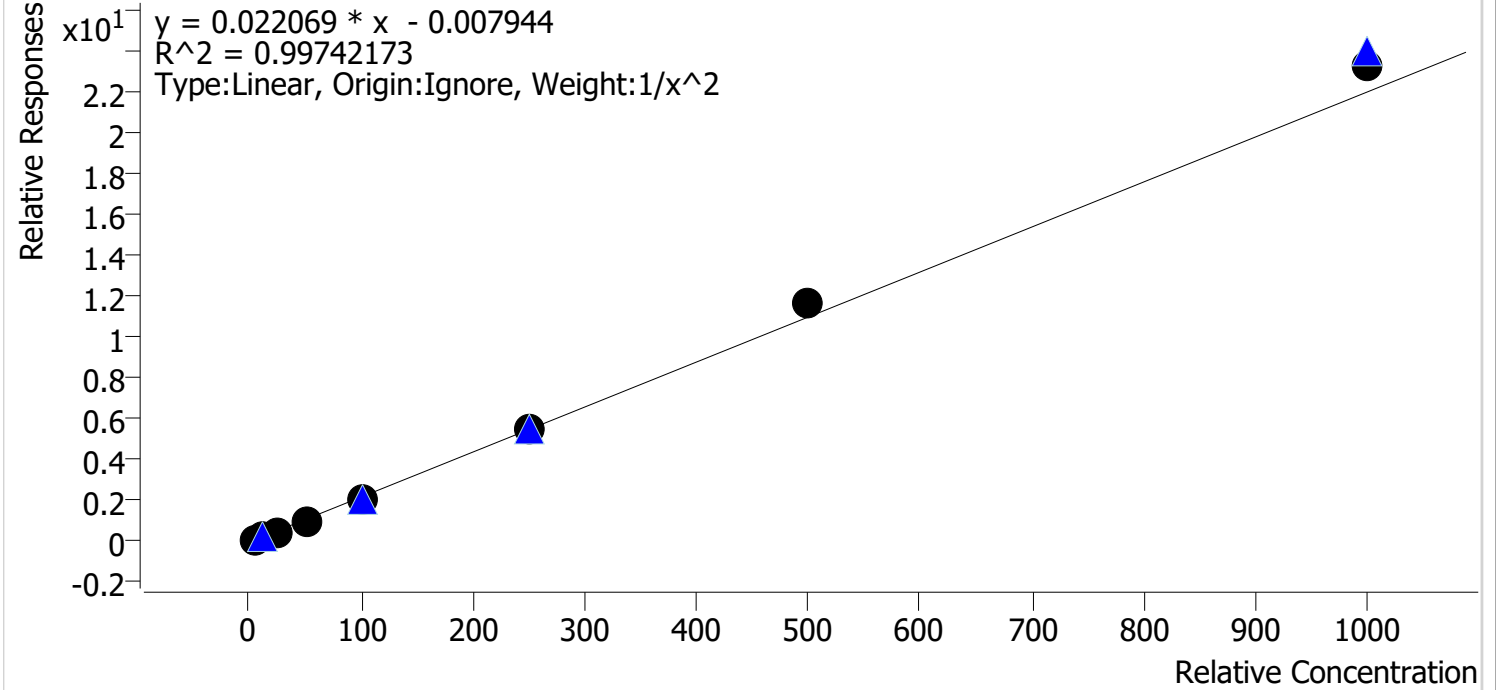
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



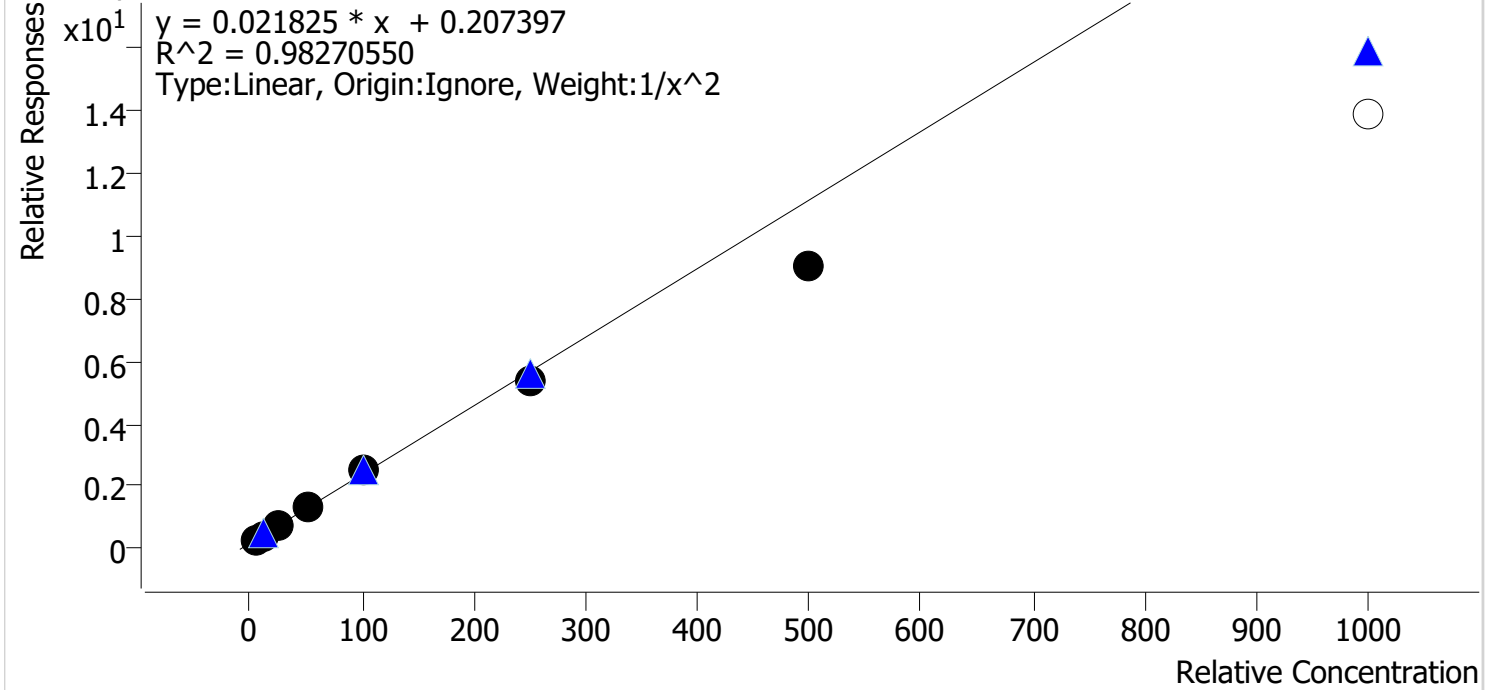
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.2
cal 2 mdq	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	47.6	95.3
cal 5 mdq	5	✓	100.0	97.6	97.6
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	528.4	105.7
cal 8 mdq	8	✓	1000.0	1056.3	105.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.2
cal 2 mdq	2	✓	10.0	10.7	107.3
cal 3 mdq	3	✓	25.0	28.1	112.2
cal 4 mdq	4	✓	50.0	53.8	107.7
cal 5 mdq	5	✓	100.0	105.3	105.3
cal 6 mdq	6	✓	250.0	234.7	93.9
cal 7 mdq	7	✓	500.0	402.3	80.5
cal 8 mdq	8	✗	1000.0	627.3	62.7

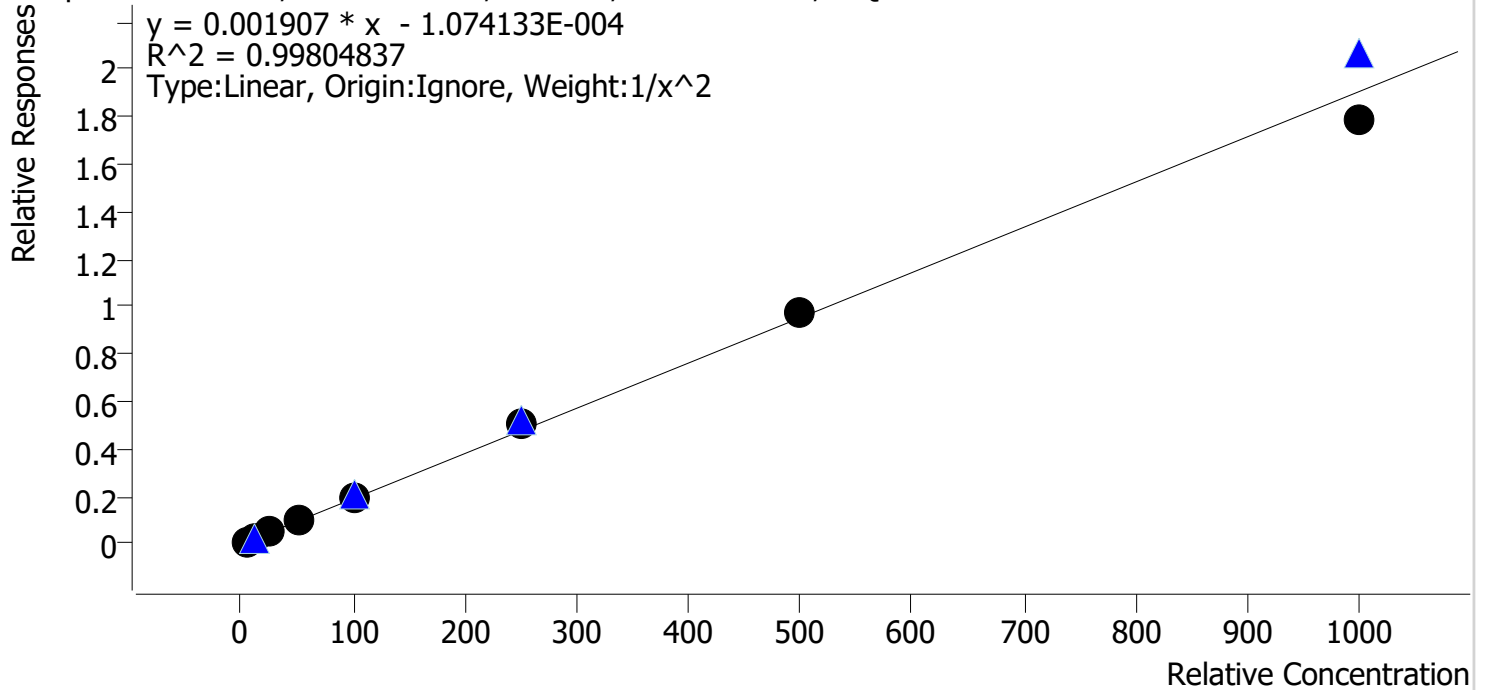
dropped cal 8 due to accuracy

Compound Calibration Report



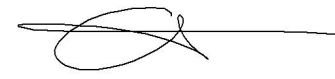
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Pseudoephedrine-D3

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



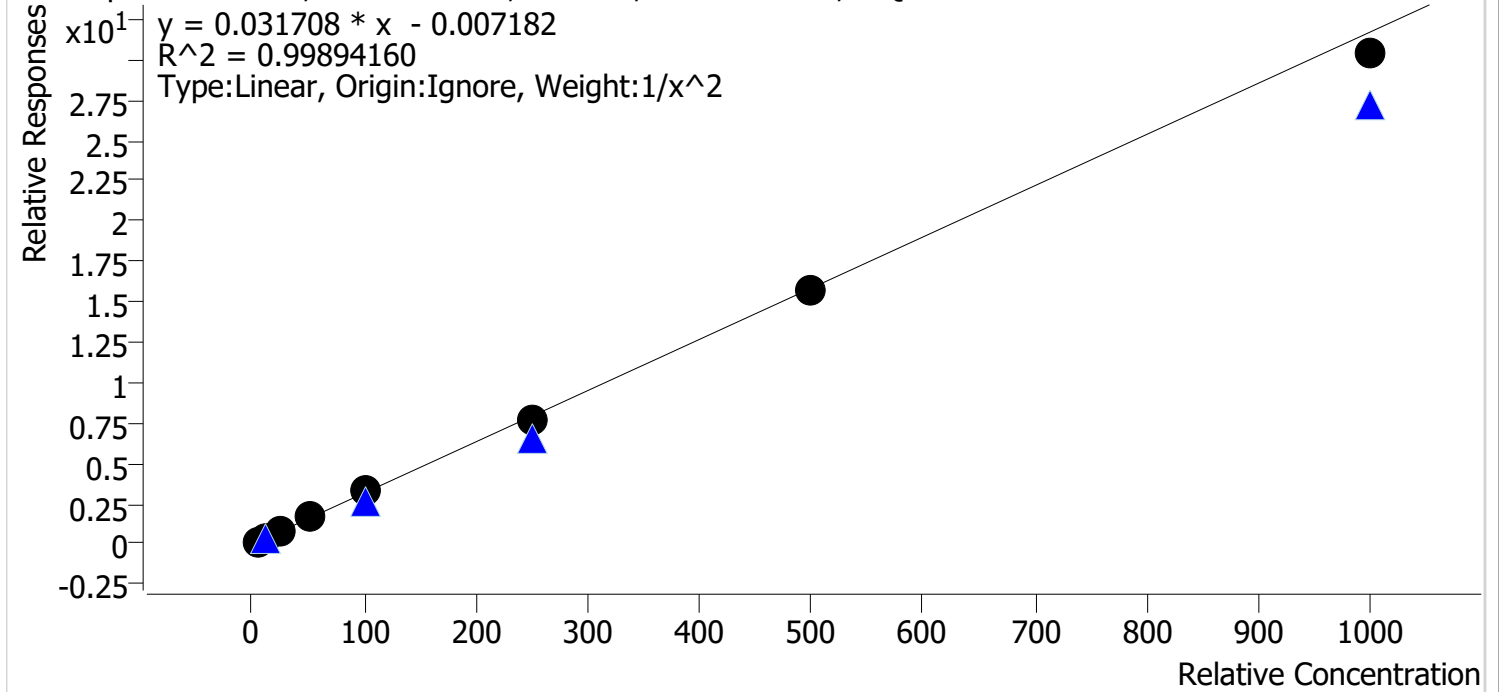
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.2	97.0
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	264.0	105.6
cal 7 mdq	7	✓	500.0	515.1	103.0
cal 8 mdq	8	✓	1000.0	935.5	93.5

Compound Calibration Report



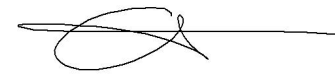
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	51.8	103.7
cal 5 mdq	5	✓	100.0	104.0	104.0
cal 6 mdq	6	✓	250.0	244.7	97.9
cal 7 mdq	7	✓	500.0	493.1	98.6
cal 8 mdq	8	✓	1000.0	957.9	95.8

Compound Calibration Report

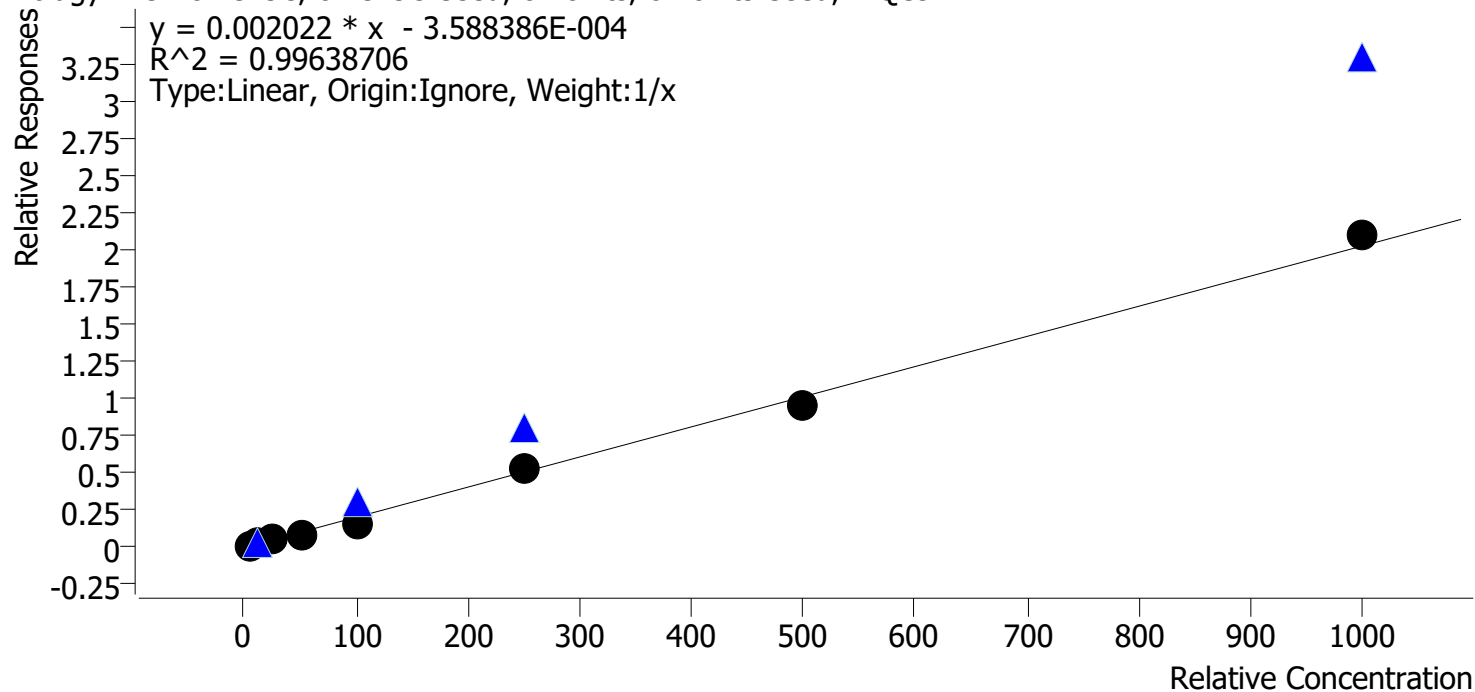


Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Mitragynine

Internal Standard

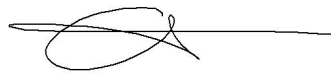
Pseudoephedrine-D3

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



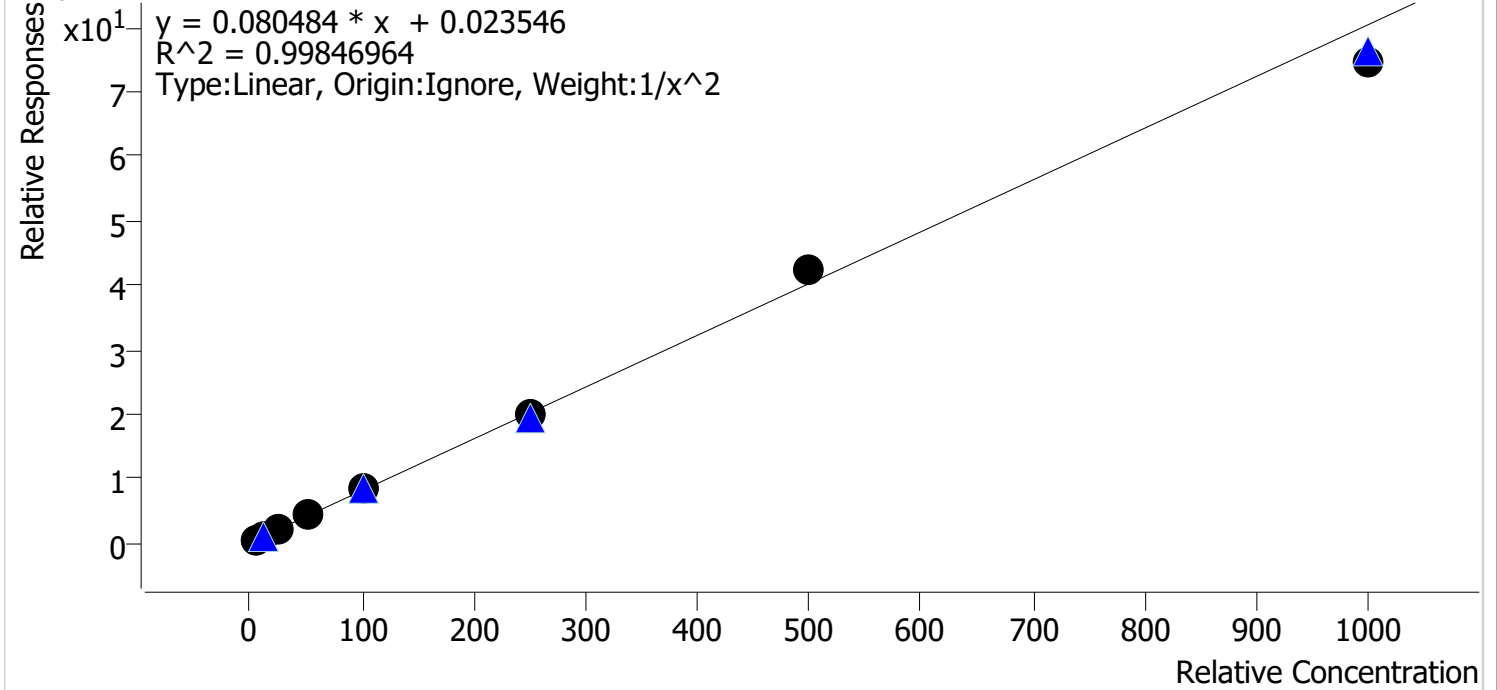
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.5	111.0
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	28.2	112.9
cal 4 mdq	4	✓	50.0	46.0	92.1
cal 5 mdq	5	✓	100.0	83.3	83.3
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	474.2	94.8
cal 8 mdq	8	✓	1000.0	1036.9	103.7

Compound Calibration Report



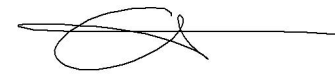
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



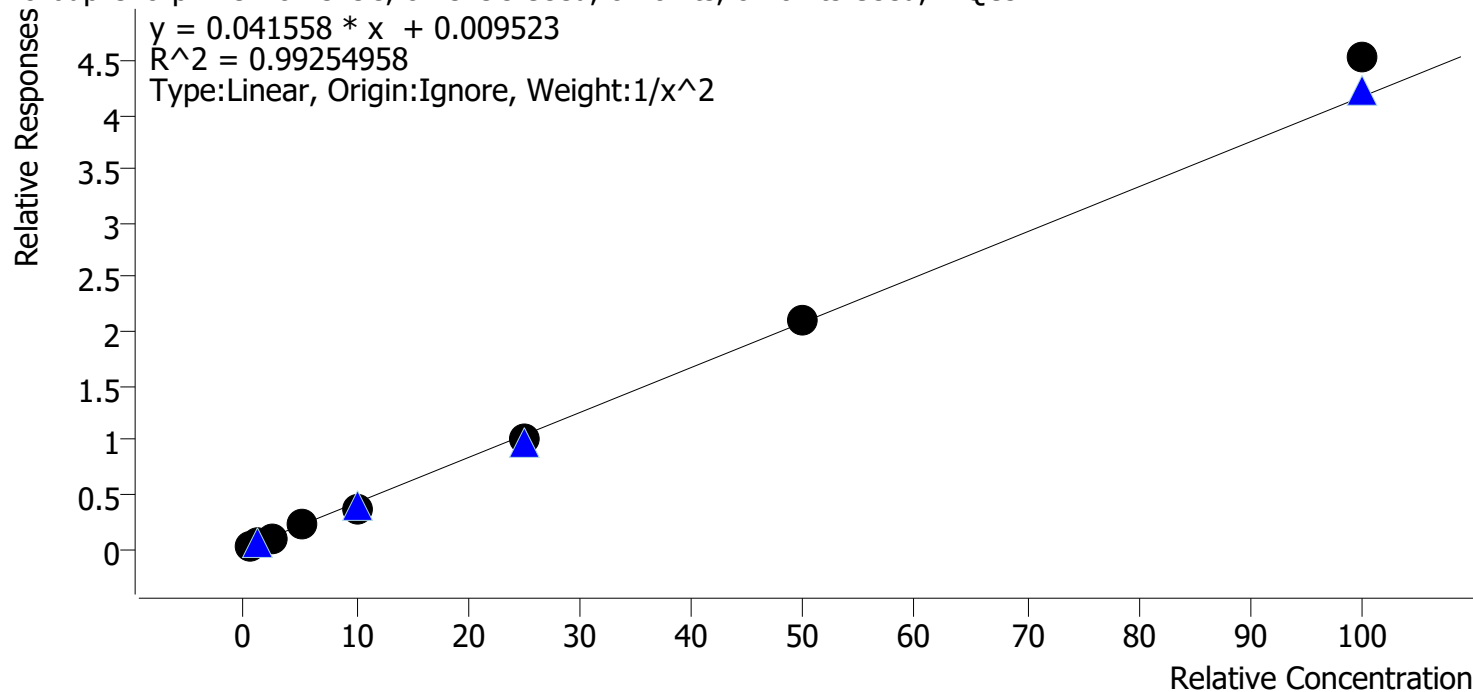
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	50.8	101.5
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	250.2	100.1
cal 7 mdq	7	✓	500.0	523.7	104.7
cal 8 mdq	8	✓	1000.0	926.3	92.6

Compound Calibration Report



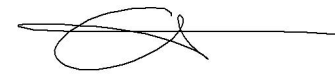
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	99.5
cal 2 mdq	2	✓	1.0	1.0	103.8
cal 3 mdq	3	✓	2.5	2.3	90.5
cal 4 mdq	4	✓	5.0	5.5	109.9
cal 5 mdq	5	✓	10.0	8.9	89.4
cal 6 mdq	6	✓	25.0	24.4	97.7
cal 7 mdq	7	✓	50.0	50.2	100.5
cal 8 mdq	8	✓	100.0	108.6	108.6

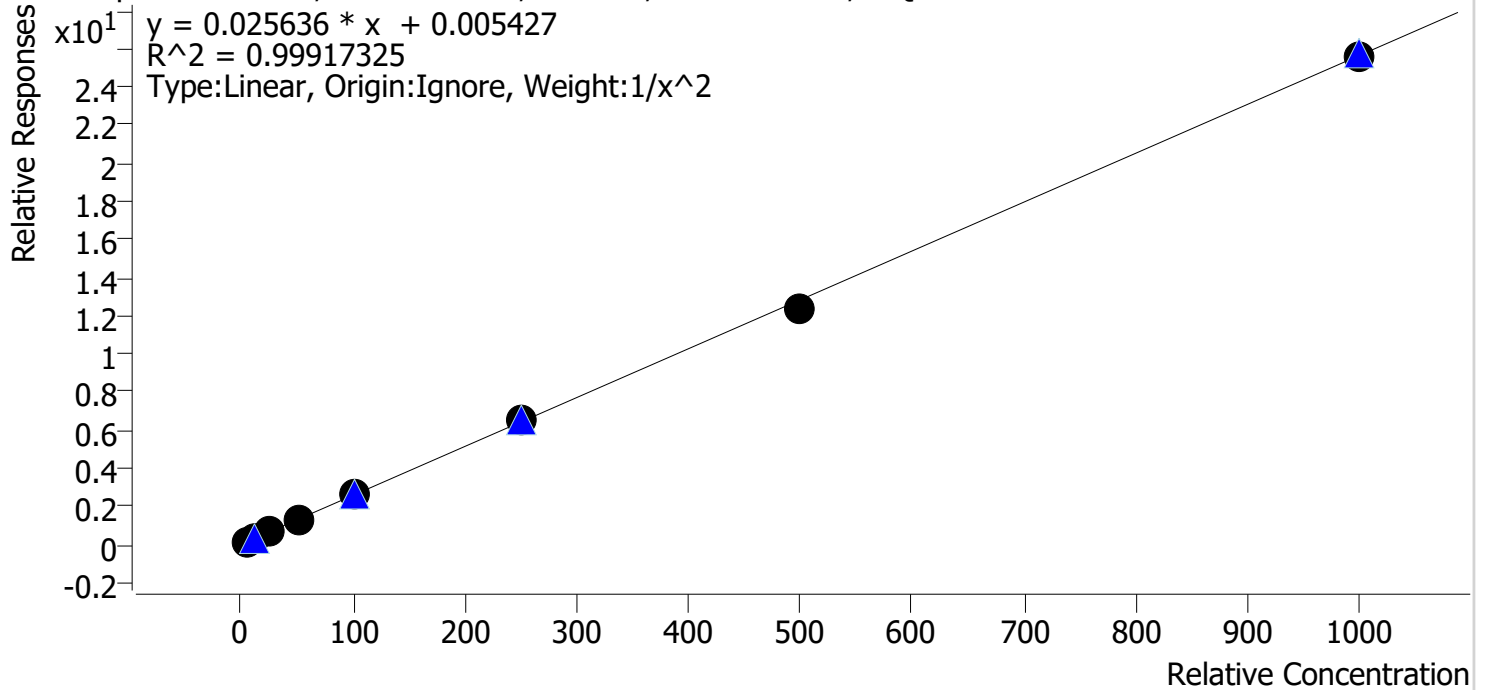
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Nordiazepam

Internal Standard Nordiazepam-D5

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



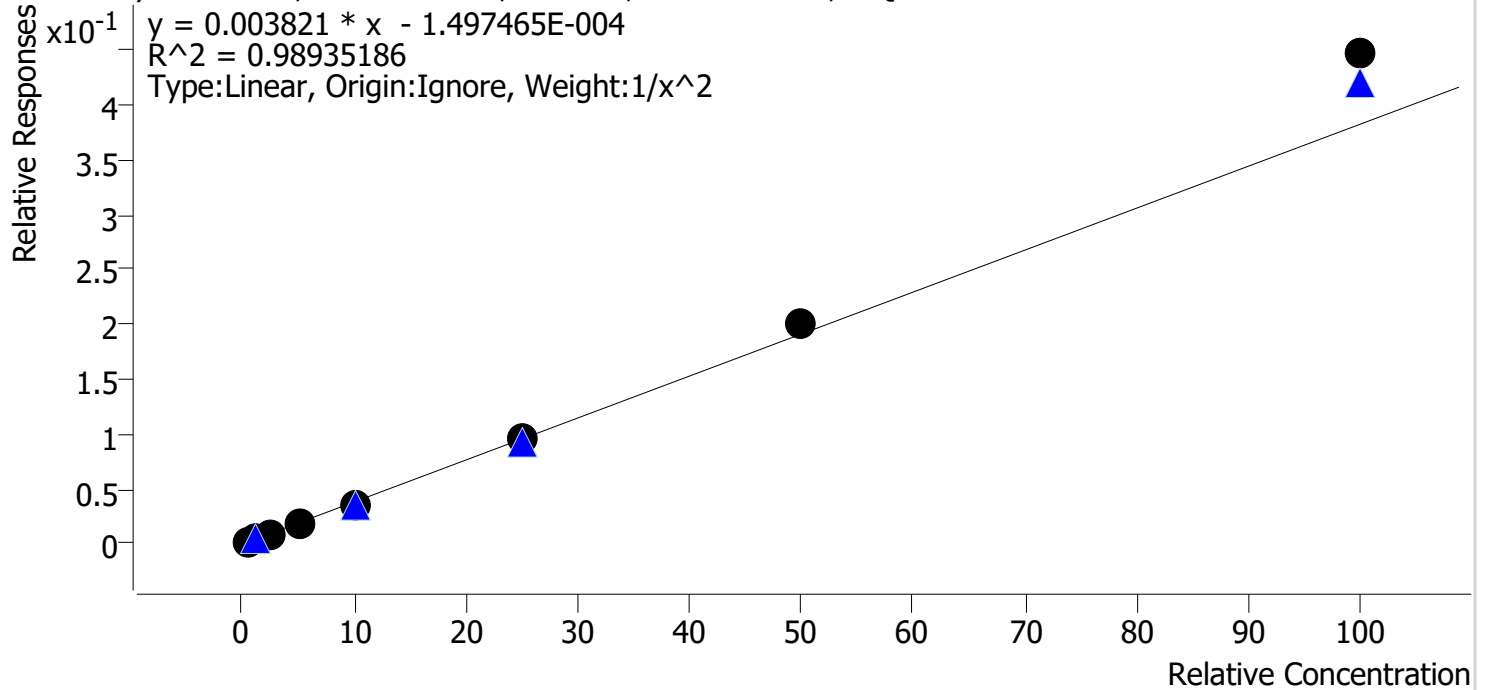
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.3	102.6
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	103.3	103.3
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	481.6	96.3
cal 8 mdq	8	✓	1000.0	1000.6	100.1

Compound Calibration Report



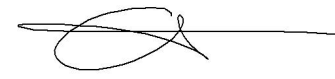
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



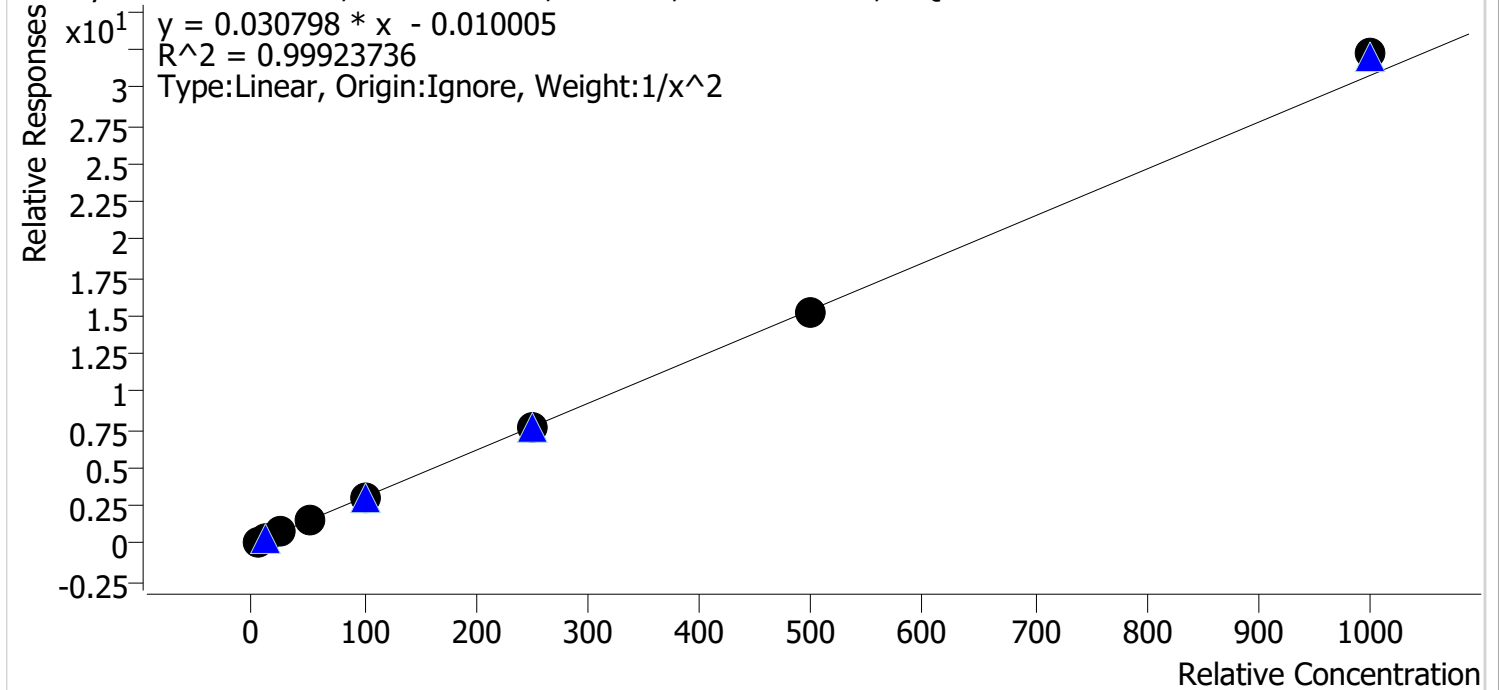
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	105.4
cal 2 mdq	2	✓	1.0	0.9	94.4
cal 3 mdq	3	✓	2.5	2.3	92.8
cal 4 mdq	4	✓	5.0	4.5	90.8
cal 5 mdq	5	✓	10.0	9.3	92.7
cal 6 mdq	6	✓	25.0	25.4	101.4
cal 7 mdq	7	✓	50.0	52.8	105.7
cal 8 mdq	8	✓	100.0	116.8	116.8

Compound Calibration Report



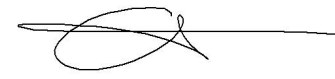
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

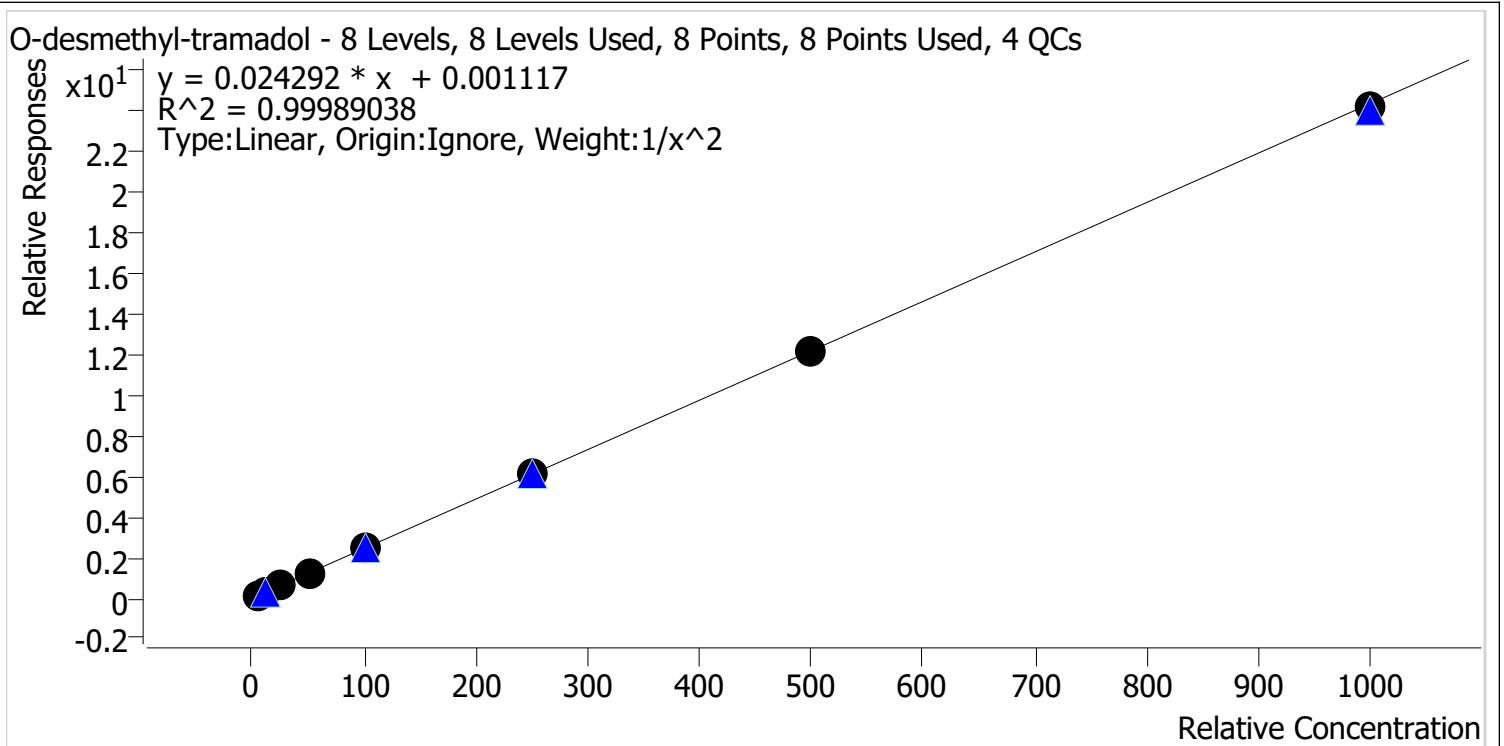


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	49.0	98.0
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	495.9	99.2
cal 8 mdq	8	✓	1000.0	1046.5	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



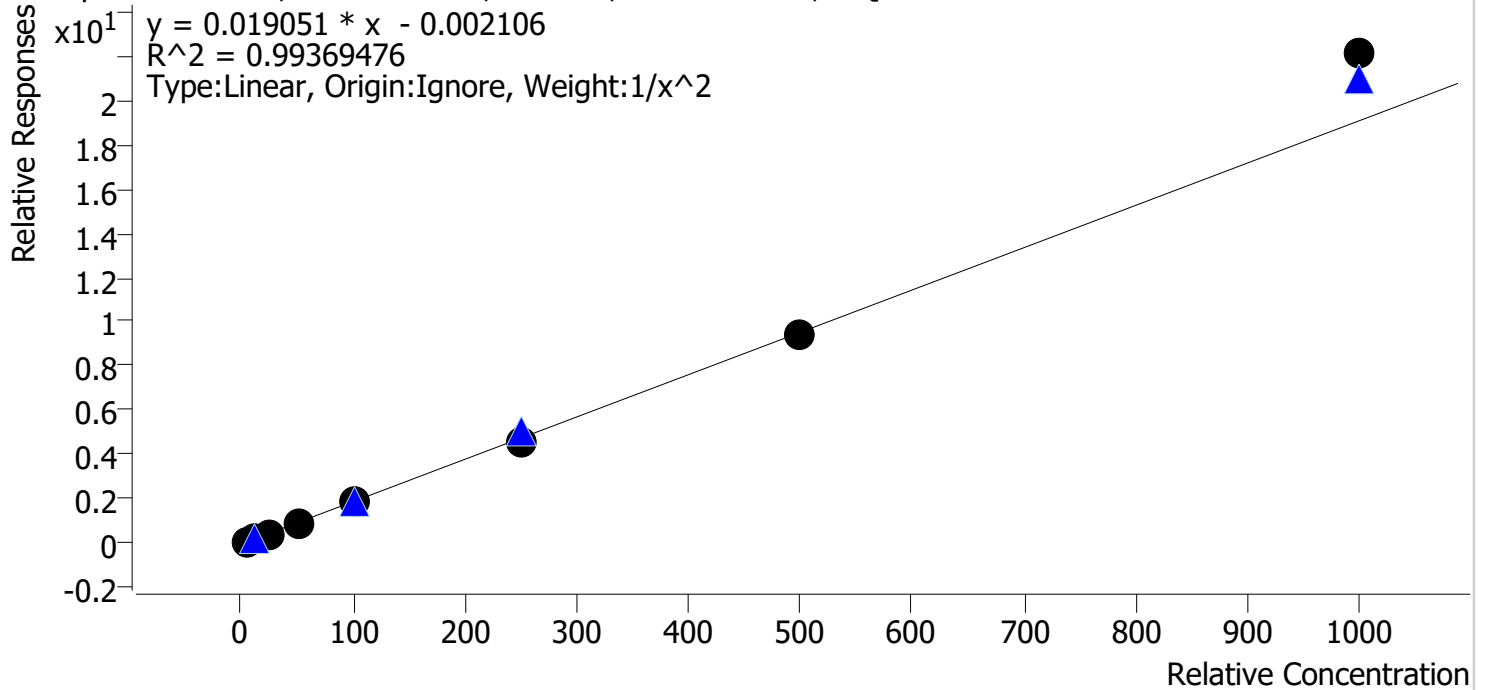
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	495.6	99.1
cal 8 mdq	8	✓	1000.0	992.8	99.3

Compound Calibration Report



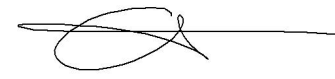
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



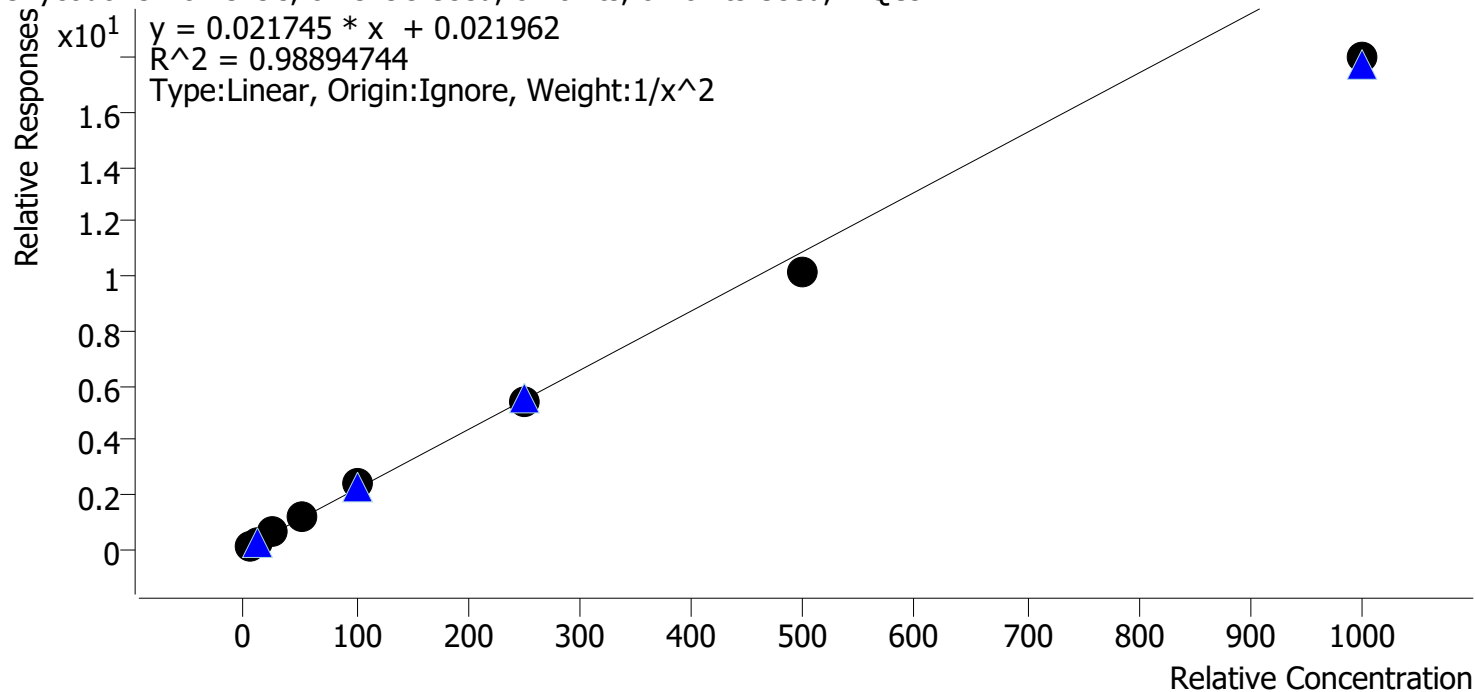
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	103.0
cal 2 mdq	2	✓	10.0	9.5	95.5
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	48.2	96.5
cal 5 mdq	5	✓	100.0	97.2	97.2
cal 6 mdq	6	✓	250.0	236.4	94.6
cal 7 mdq	7	✓	500.0	491.3	98.3
cal 8 mdq	8	✓	1000.0	1158.7	115.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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

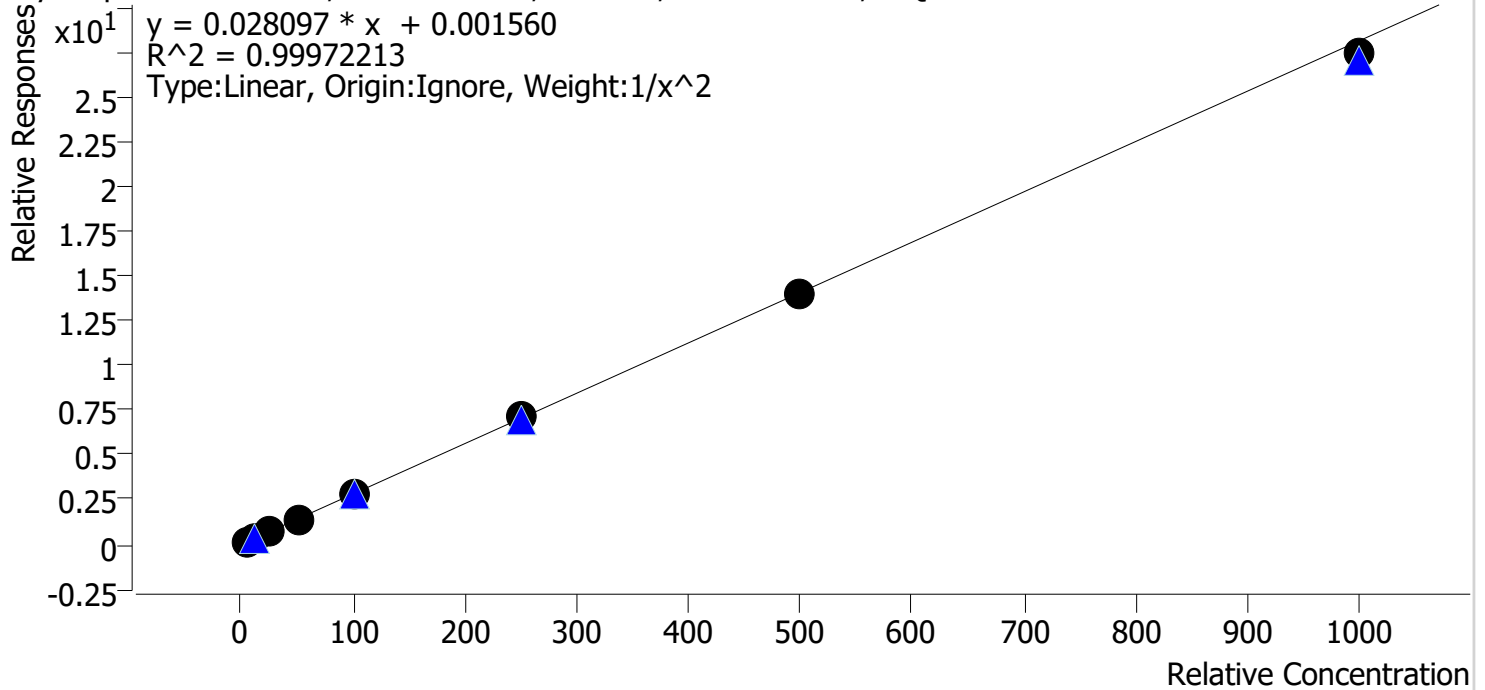


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.9
cal 2 mdq	2	✓	10.0	10.3	103.0
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	55.2	110.4
cal 5 mdq	5	✓	100.0	108.5	108.5
cal 6 mdq	6	✓	250.0	249.3	99.7
cal 7 mdq	7	✓	500.0	467.6	93.5
cal 8 mdq	8	✓	1000.0	826.2	82.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



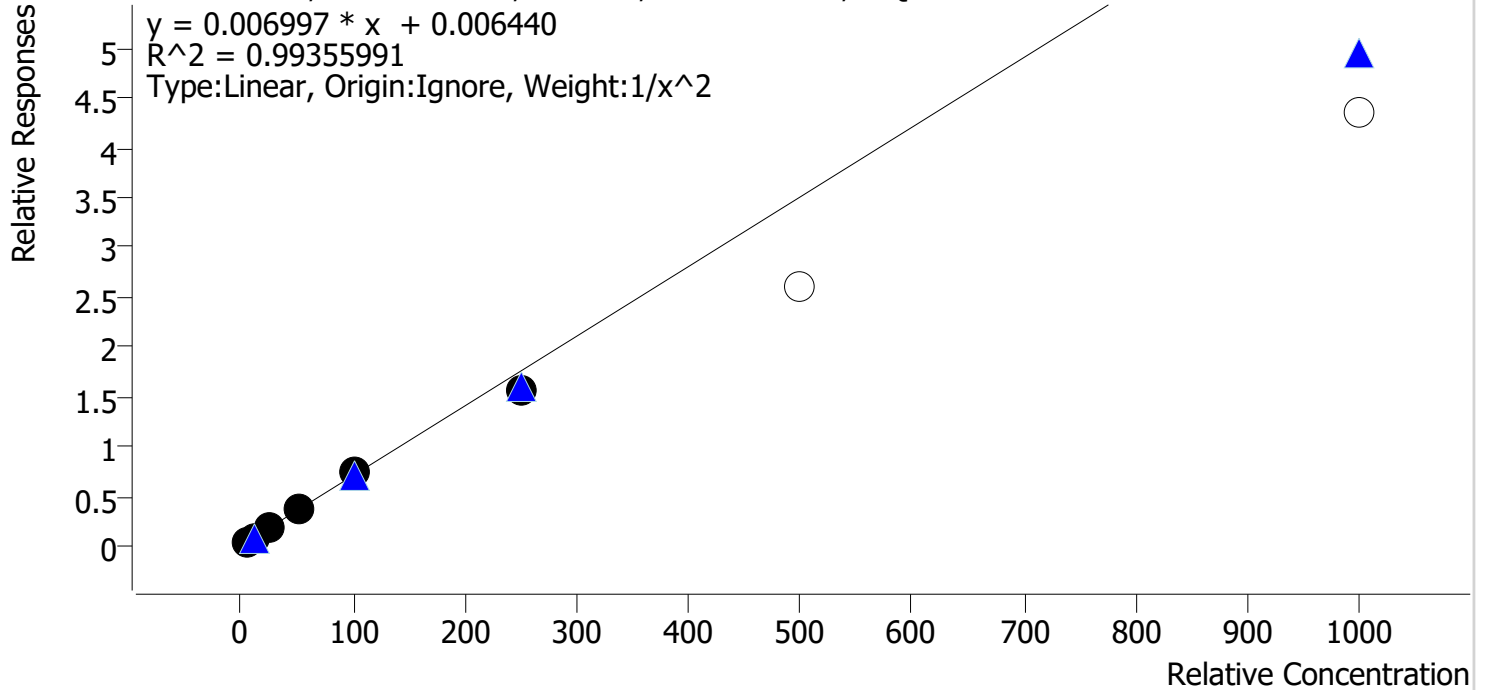
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	497.2	99.4
cal 8 mdq	8	✓	1000.0	974.7	97.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

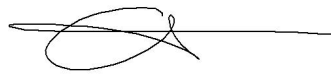
Phentermine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



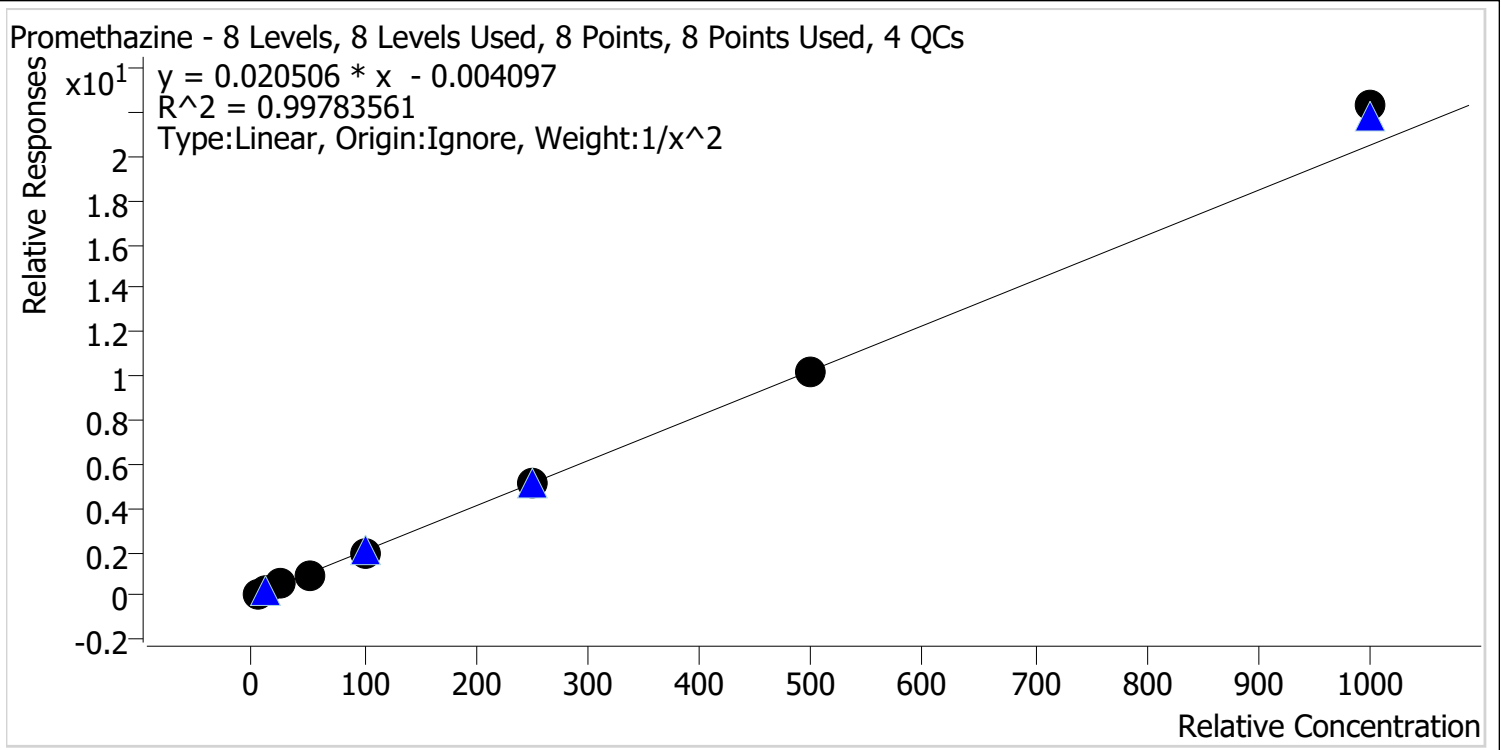
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	9.9	99.3
cal 3 mdq	3	✓	25.0	26.0	103.8
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	103.3	103.3
cal 6 mdq	6	✓	250.0	219.9	88.0
cal 7 mdq	7	✗	500.0	369.7	73.9
cal 8 mdq	8	✗	1000.0	619.8	62.0

dropped cal 7 and 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



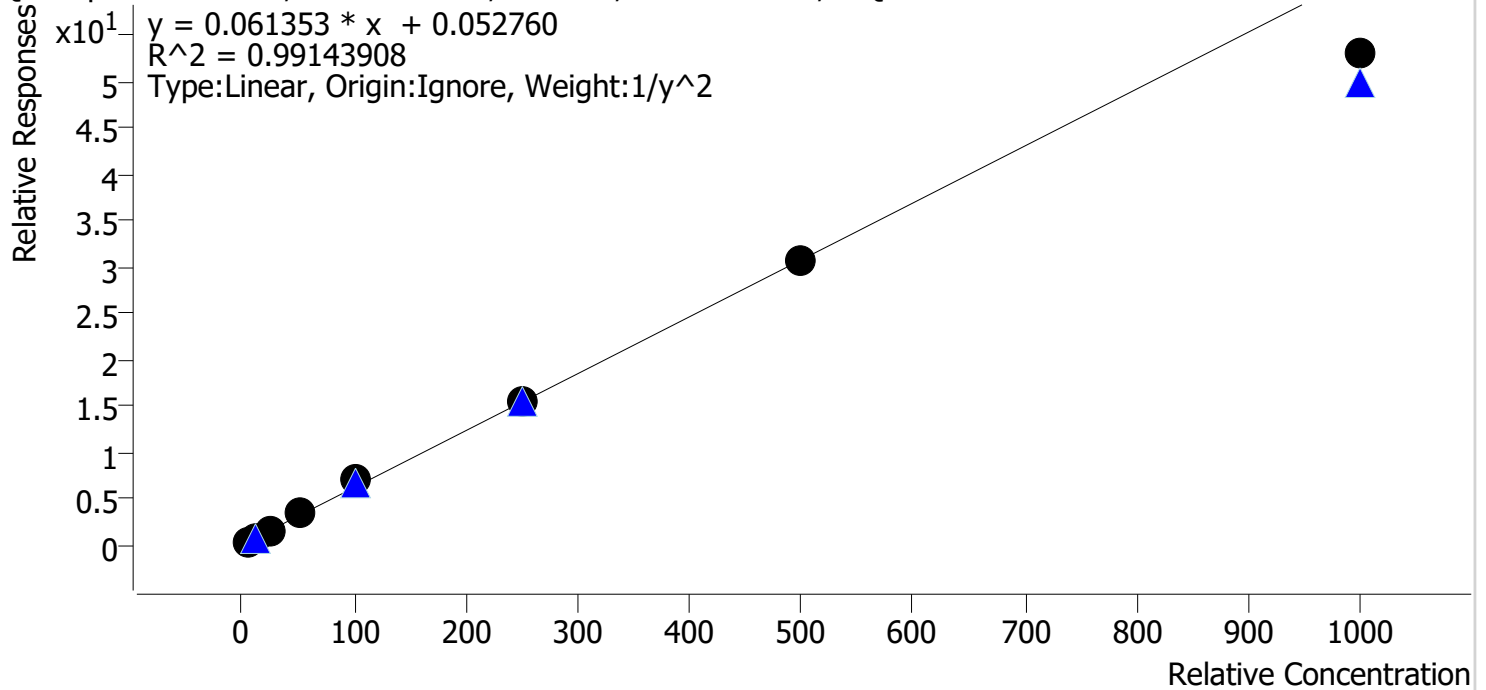
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	97.1	97.1
cal 6 mdq	6	✓	250.0	247.9	99.2
cal 7 mdq	7	✓	500.0	499.1	99.8
cal 8 mdq	8	✓	1000.0	1087.7	108.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

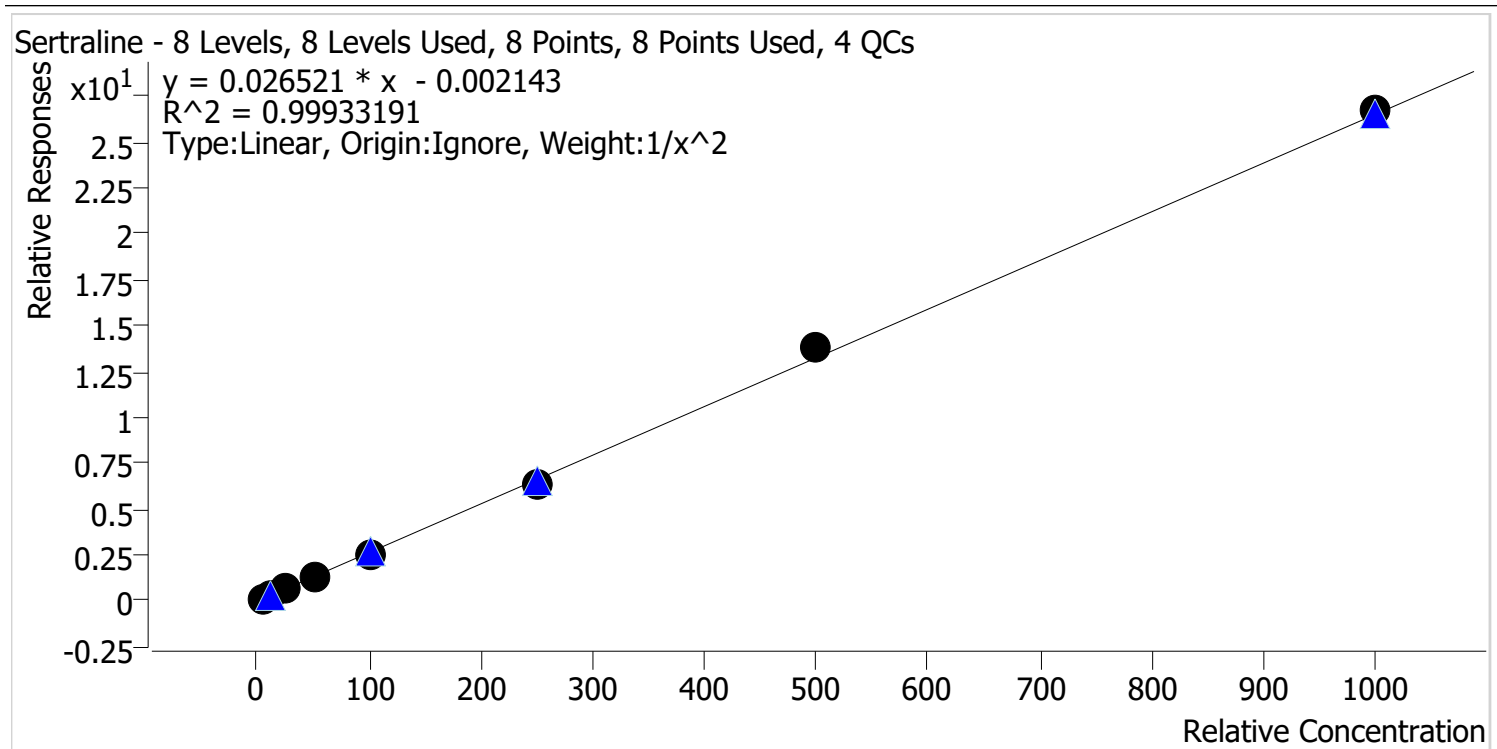


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.0
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	26.1	104.3
cal 4 mdq	4	✓	50.0	53.4	106.9
cal 5 mdq	5	✓	100.0	112.0	112.0
cal 6 mdq	6	✓	250.0	249.4	99.7
cal 7 mdq	7	✓	500.0	500.1	100.0
cal 8 mdq	8	✓	1000.0	862.3	86.2

Compound Calibration Report

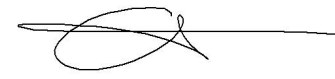


Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



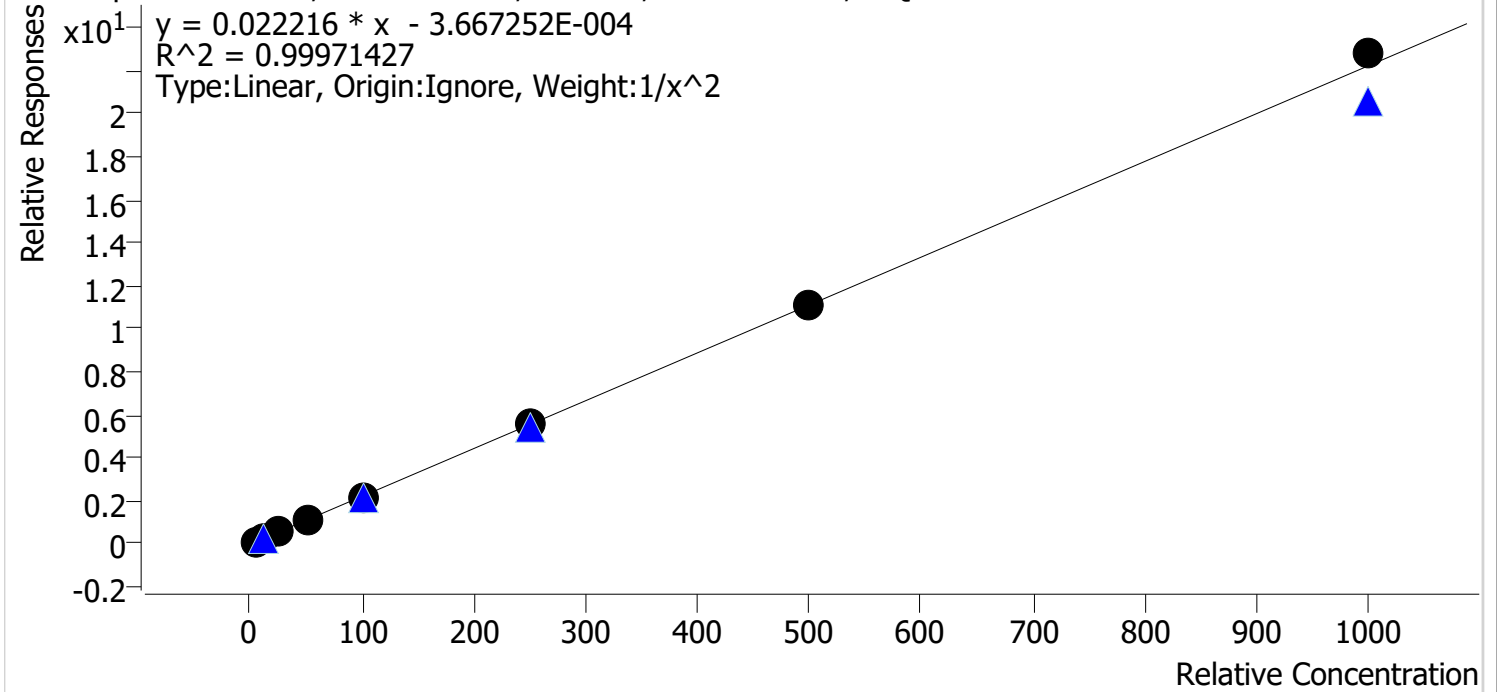
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	25.0	100.1
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	243.4	97.4
cal 7 mdq	7	✓	500.0	519.9	104.0
cal 8 mdq	8	✓	1000.0	1007.9	100.8

Compound Calibration Report



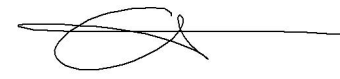
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



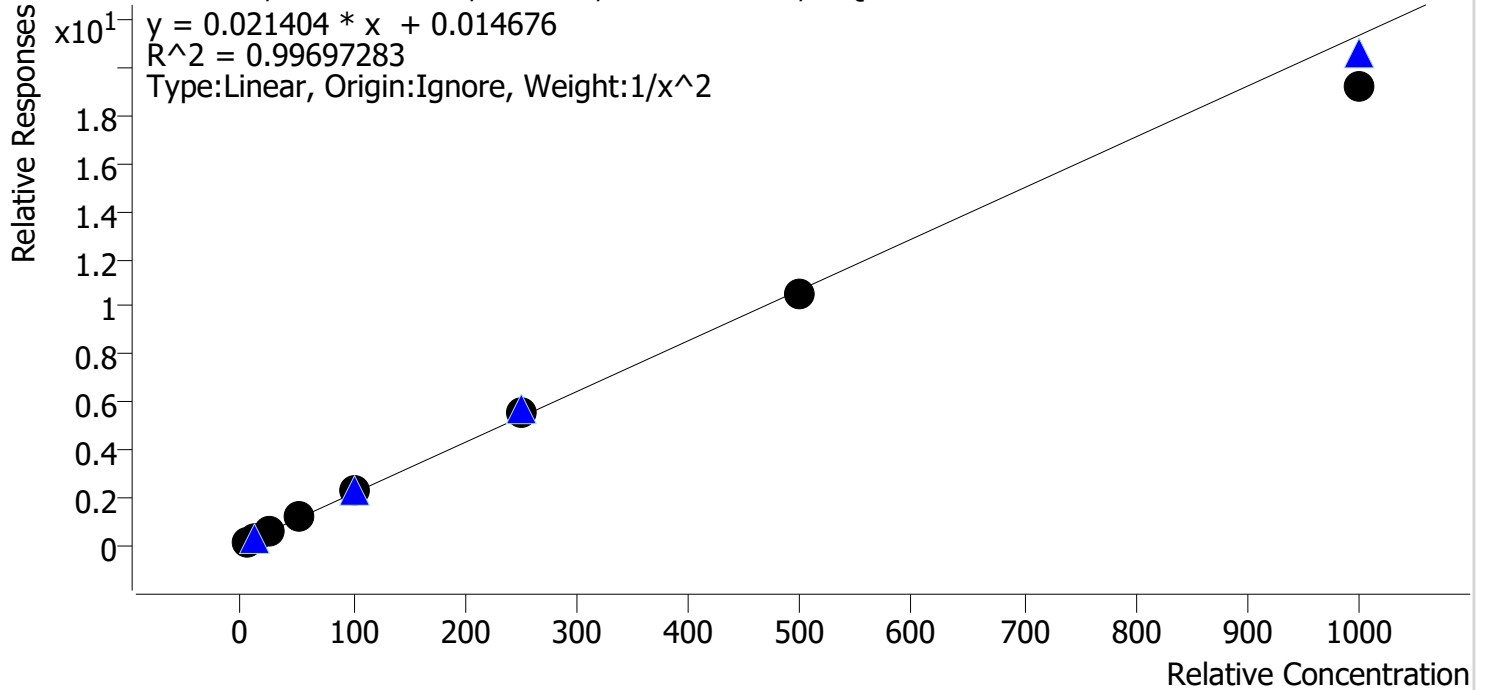
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	49.1	98.3
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	250.2	100.1
cal 7 mdq	7	✓	500.0	503.7	100.7
cal 8 mdq	8	✓	1000.0	1025.7	102.6

Compound Calibration Report



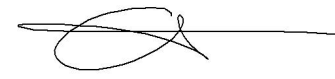
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



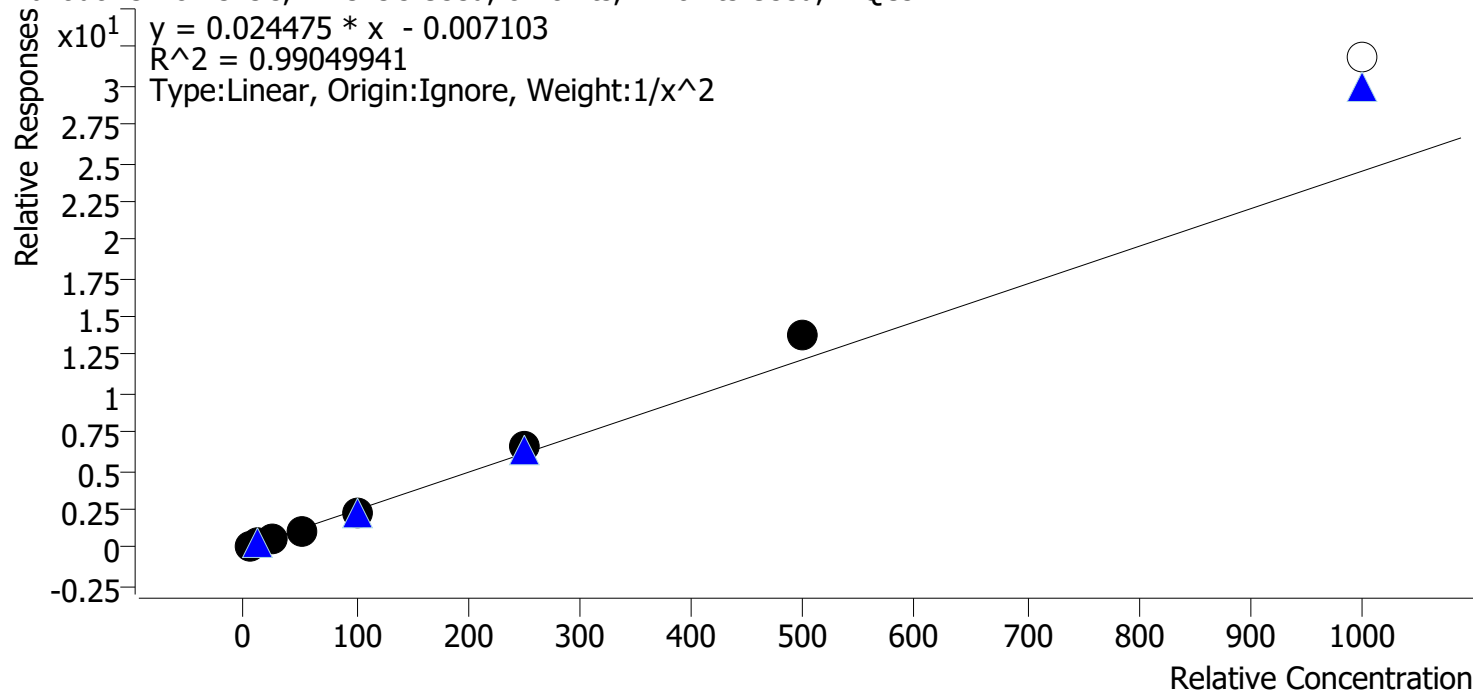
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	26.0	104.2
cal 4 mdq	4	✓	50.0	52.0	103.9
cal 5 mdq	5	✓	100.0	103.9	103.9
cal 6 mdq	6	✓	250.0	256.2	102.5
cal 7 mdq	7	✓	500.0	488.6	97.7
cal 8 mdq	8	✓	1000.0	901.9	90.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

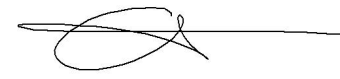
Trazodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.0
cal 2 mdq	2	✓	10.0	9.4	94.4
cal 3 mdq	3	✓	25.0	22.9	91.6
cal 4 mdq	4	✓	50.0	47.0	94.0
cal 5 mdq	5	✓	100.0	95.0	95.0
cal 6 mdq	6	✓	250.0	266.3	106.5
cal 7 mdq	7	✓	500.0	567.2	113.4
cal 8 mdq	8	✗	1000.0	1301.6	130.2

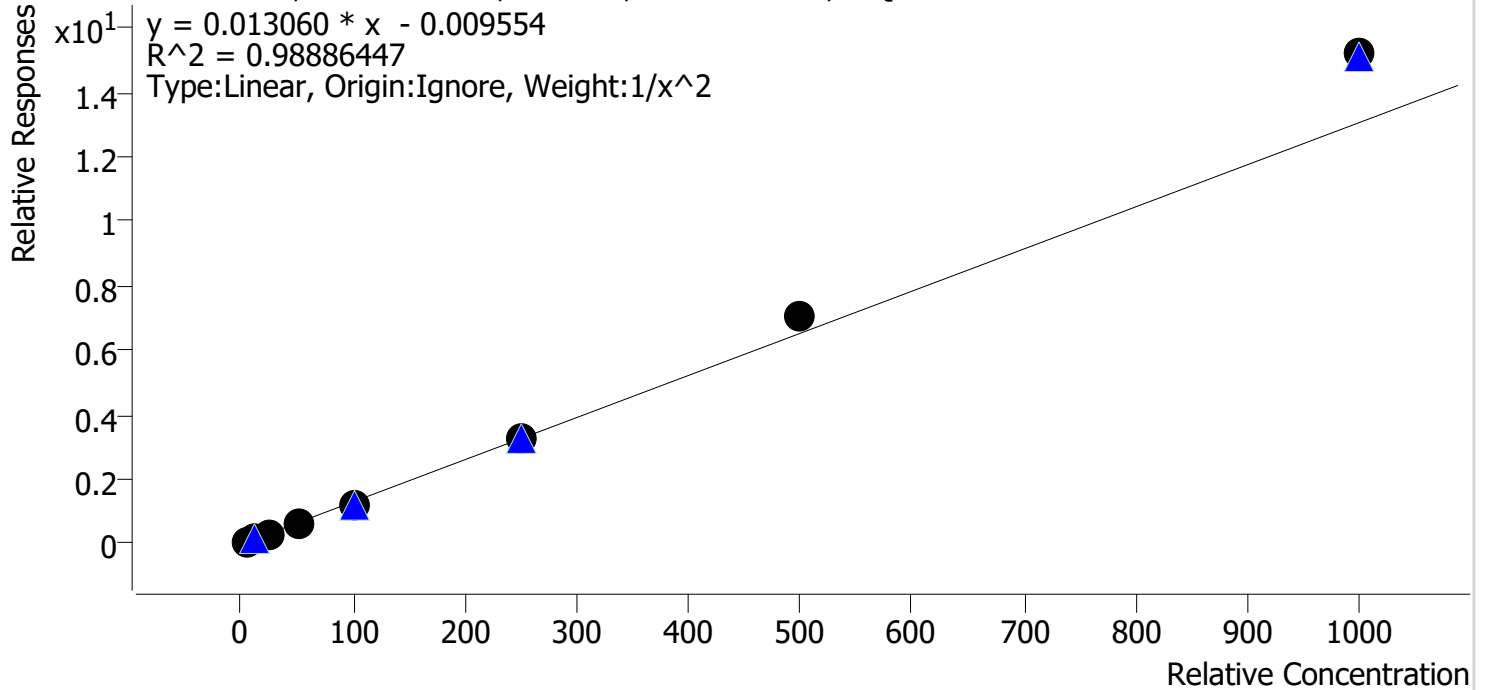
dropped cal 8 due to accuracy

Compound Calibration Report



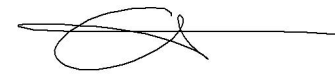
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



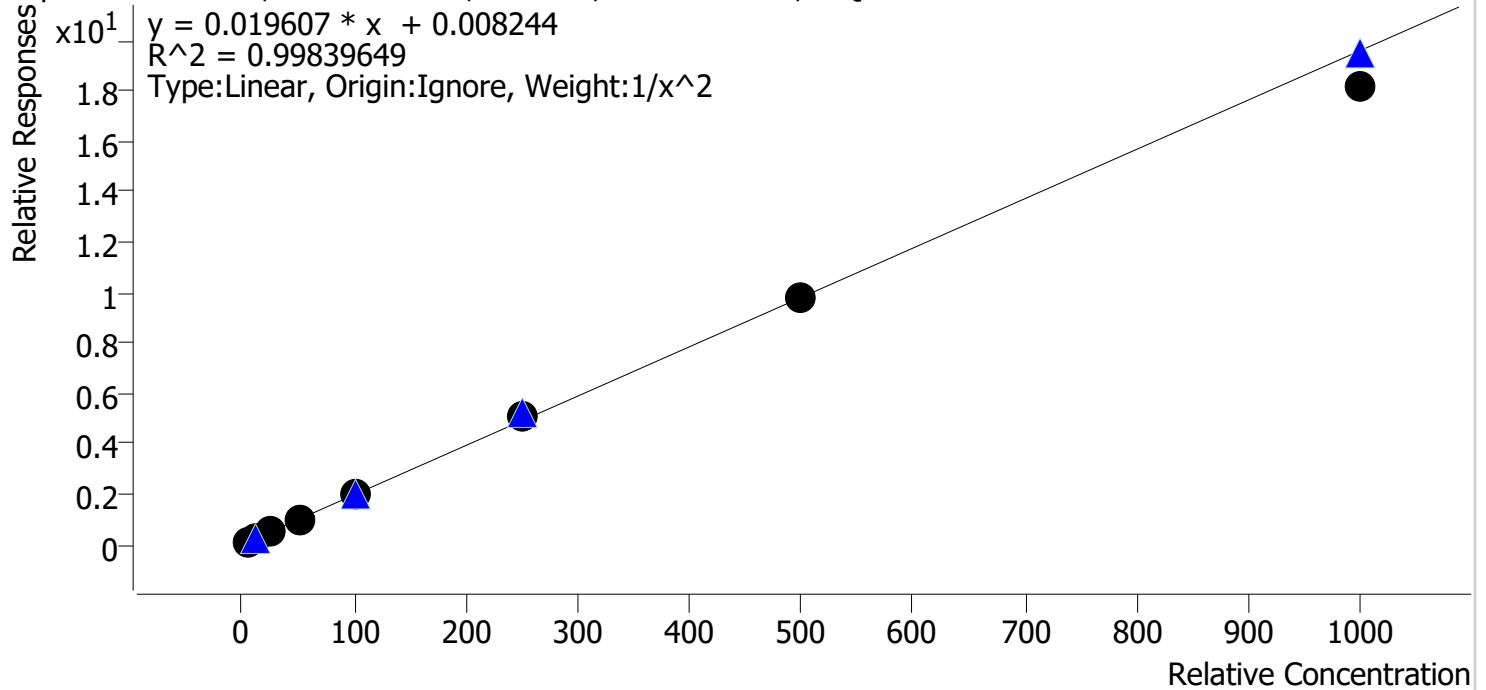
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.0
cal 2 mdq	2	✓	10.0	9.3	93.5
cal 3 mdq	3	✓	25.0	22.9	91.4
cal 4 mdq	4	✓	50.0	46.0	92.0
cal 5 mdq	5	✓	100.0	93.4	93.4
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	540.7	108.1
cal 8 mdq	8	✓	1000.0	1163.8	116.4

Compound Calibration Report



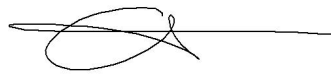
Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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

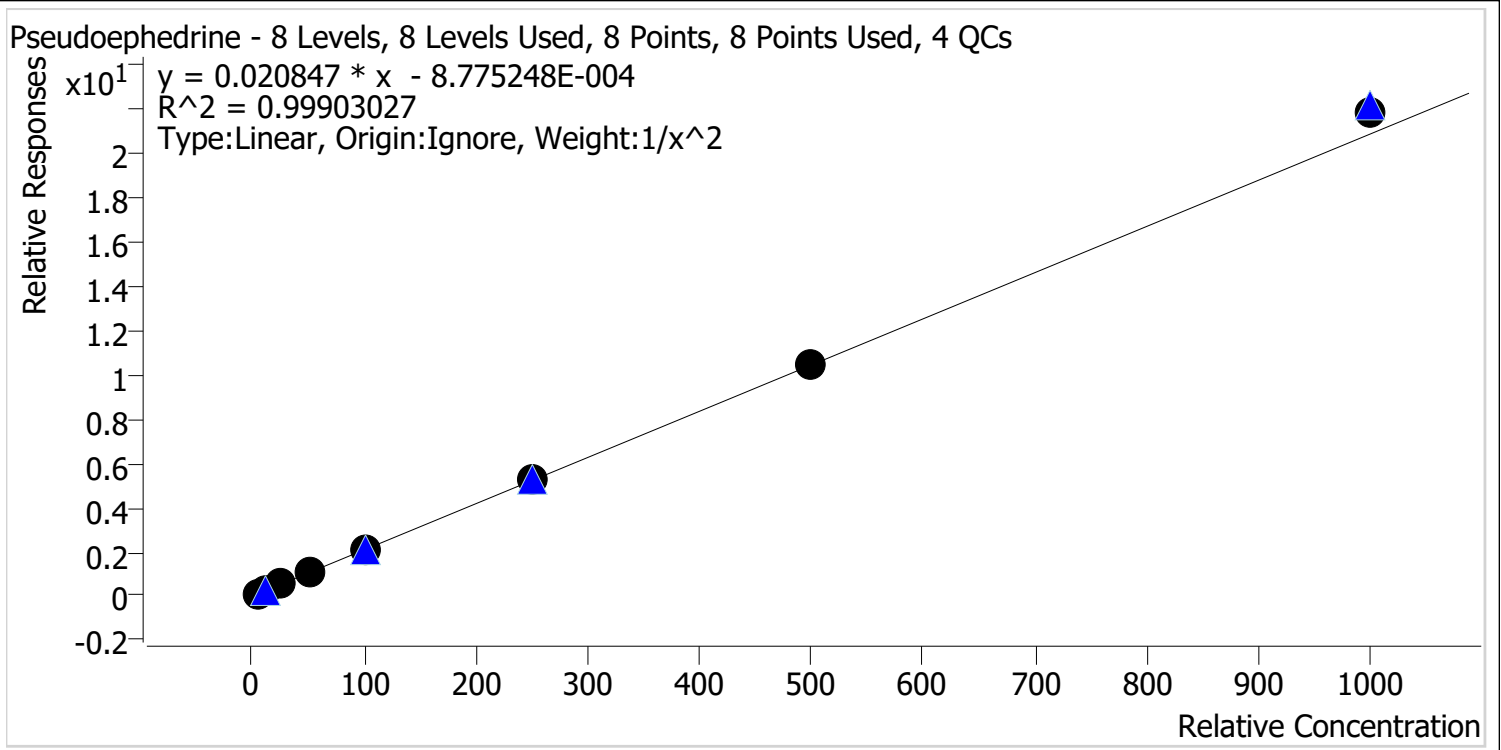


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	25.7	102.9
cal 4 mdq	4	✓	50.0	50.2	100.4
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	257.2	102.9
cal 7 mdq	7	✓	500.0	496.9	99.4
cal 8 mdq	8	✓	1000.0	924.0	92.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



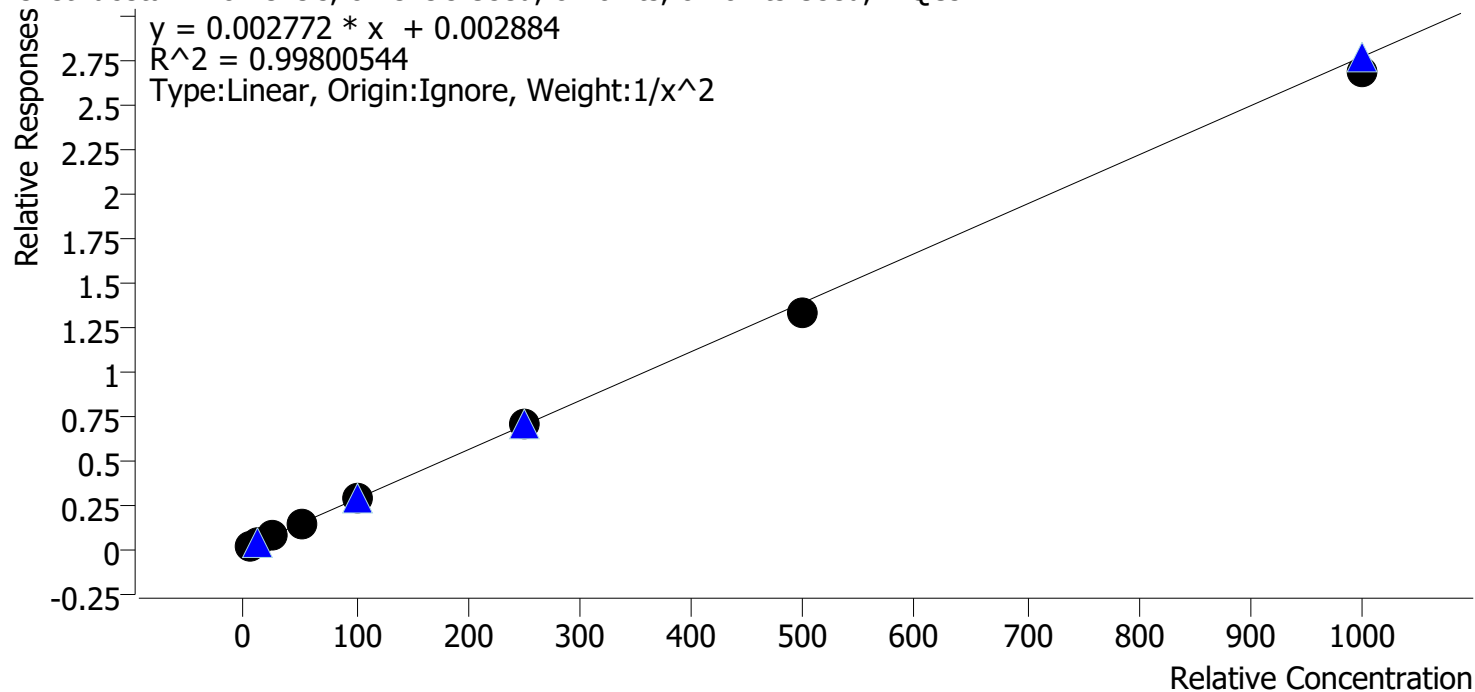
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	24.2	97.0
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	254.1	101.6
cal 7 mdq	7	✓	500.0	502.1	100.4
cal 8 mdq	8	✓	1000.0	1047.4	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

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



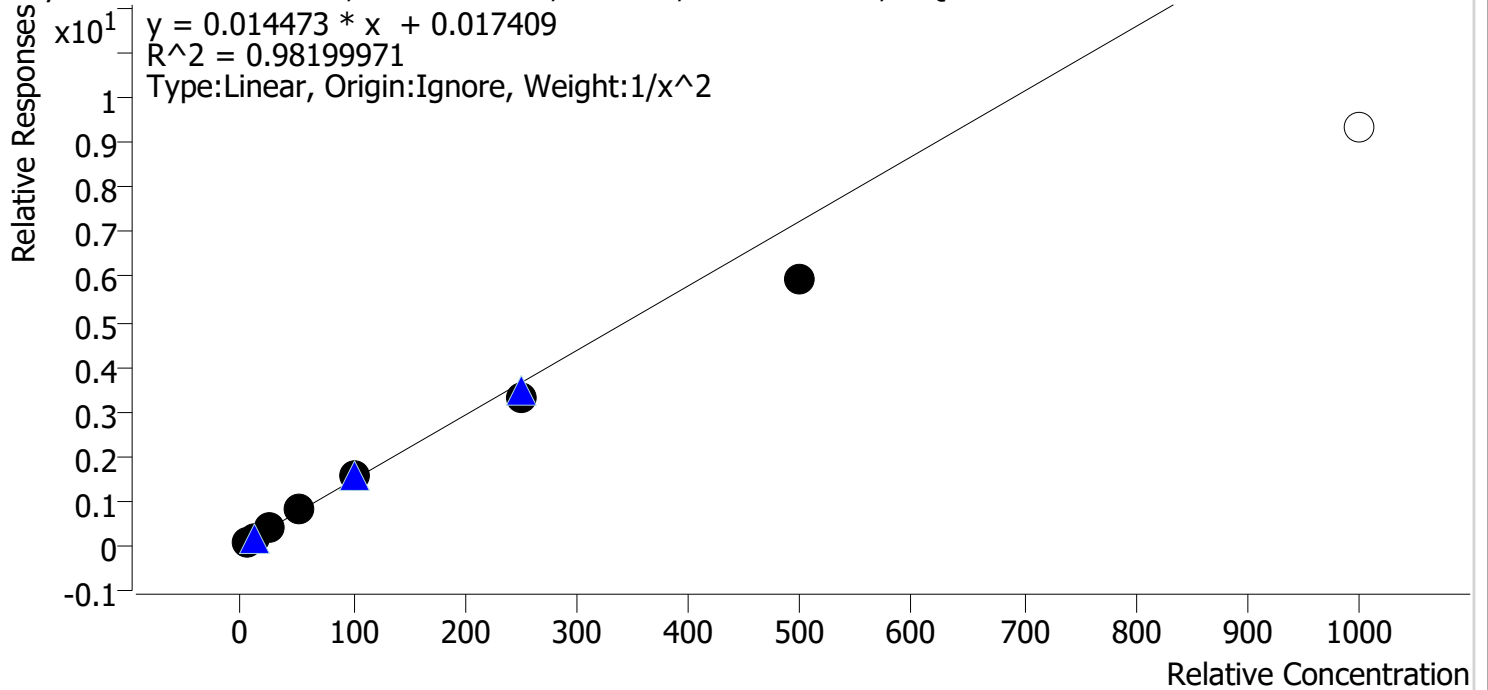
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.5
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	26.8	107.3
cal 4 mdq	4	✓	50.0	49.1	98.3
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	477.6	95.5
cal 8 mdq	8	✓	1000.0	966.9	96.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Last Cal. Update 8/26/2022 8:40 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.6
cal 2 mdq	2	✓	10.0	10.6	105.7
cal 3 mdq	3	✓	25.0	28.3	113.1
cal 4 mdq	4	✓	50.0	54.9	109.9
cal 5 mdq	5	✓	100.0	105.0	105.0
cal 6 mdq	6	✓	250.0	227.4	91.0
cal 7 mdq	7	✓	500.0	408.2	81.6
cal 8 mdq	8	✗	1000.0	645.8	64.6

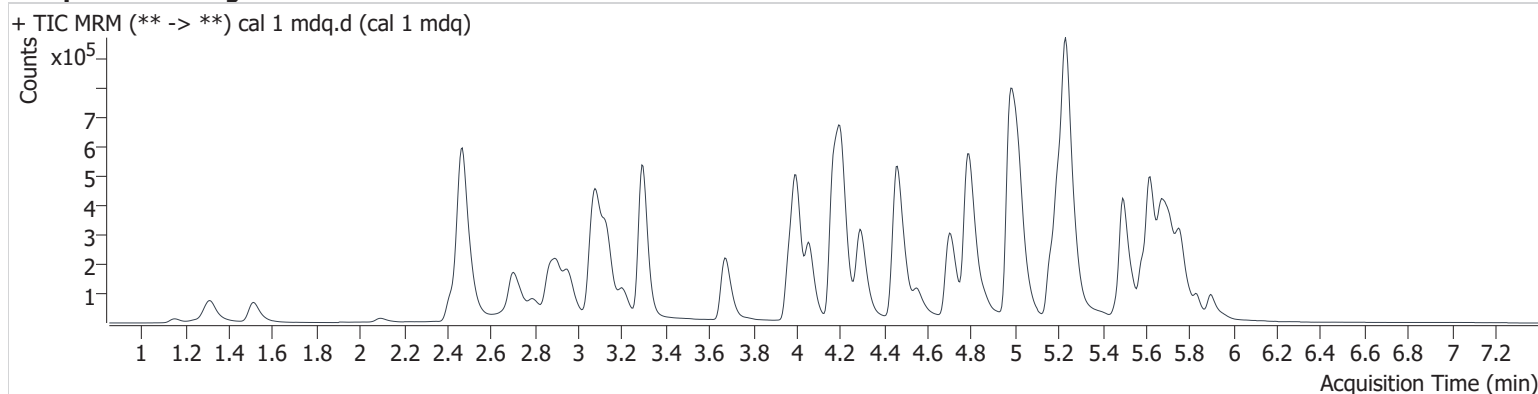
dropped cal 8 due to accuracy

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument 69679 **Data File** cal 1 mdq.d
Type Cal **Sample** cal 1 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A1 **Comment**
Injection Volume 3
Acq. Date-Time 8/25/2022 3:04:54 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.059	1549	71756.9	151.2	∞	82801	0.489 ng/ml
7-aminoclonazepam	4.182	17606	717.8	60.1	∞	136202	4.814 ng/ml
a-hydroxyalprazolam	5.639	6694	∞	52.0	∞	366123	4.836 ng/ml
alpha-PHP	4.868	33029	4817.1	252.3	92829.3	801407	5.028 ng/ml
alpha-PVP	4.303	109639	4904.7	55.1	1988.8	801407	5.044 ng/ml
Alprazolam	5.723	46984	666.3	94.9	∞	366123	5.071 ng/ml
Amphetamine	2.956	82628	4476.6	283.1	5701.6	1822647	4.783 ng/ml
Benzoylcegonine	3.795	2723	7479.6	52.3	76.5	12871	5.320 ng/ml
Buprenorphine	5.663	3555	44.8	11.0 Low	10.2	98712	0.815 ng/ml
Bupropion	4.717	87199	8188.7	76.7	3734.5	900074	5.073 ng/ml
Carisoprodol	5.673	18778	∞	88.1	277.0	164634	5.084 ng/ml
Citalopram	5.168	73374	2516.3	35.3	21289.3	635921	5.061 ng/ml
Clonazepam	5.555	9338	∞	34.9	4793.6	36486	4.948 ng/ml
Clonazepam	5.496	22829	480.3	38.9	1333.5	401007	4.464 ng/ml
Cocaine	4.207	77978	1182.2	51.8	16093.1	1219416	5.030 ng/ml
Codeine	2.483	10280	951.1	91.3	1086.4	94878	4.724 ng/ml
Cyclobenzaprine	5.583	85351	142007.2	10.2	7107.3	496810	5.064 ng/ml
Dextromethorphan	5.206	55352	32605.7	72.4	21368.0	453715	5.294 ng/ml
Dextrorphan	4.059	63144	4883.4	45.2	81450.1	602885	5.336 ng/ml
Diazepam	5.907	21228	1665.2	83.3	518.3	191748	5.189 ng/ml
Dihydrocodeine	2.452	25355	58.1	59.7	68.5	297697	4.682 ng/ml
Diphenhydramine	5.238	239012	2388.7	31.3	6832.8	2374540	5.127 ng/ml
Doxylamine	4.477	217844	17852.7	67.7	3604.6	1650342	5.100 ng/ml
EDDP	5.206	84838	541.5	42.1	1013.8	867408	5.024 ng/ml
Etizolam	5.764	17660	2376.7	25.5	∞	191748	4.722 ng/ml
Fentanyl	5.022	8089	∞	125.0	31863.3	853481	0.552 ng/ml
Flualprazolam	5.649	19735	∞	98.8	15837.8	366123	4.948 ng/ml
Fluoxetine	5.676	83813	∞	7.0	∞	519390	5.134 ng/ml
Hydrocodone	2.938	40014	460.5	37.6	574.4	406200	4.640 ng/ml
Hydromorphone	1.518	30747	217.1	80.4	1681.8	200495	4.950 ng/ml
Ketamine	3.987	72189	4387.6	36.1	1063.5	708726	4.946 ng/ml
Lamotrigine	4.214	7578	1551.3	88.1	1177.0	366123	4.872 ng/ml
Levetiracetam	2.511	29883	2228.3	165.6	3831.3	1822647	4.874 ng/ml

AM #28 Multi-Drug Quant. Results

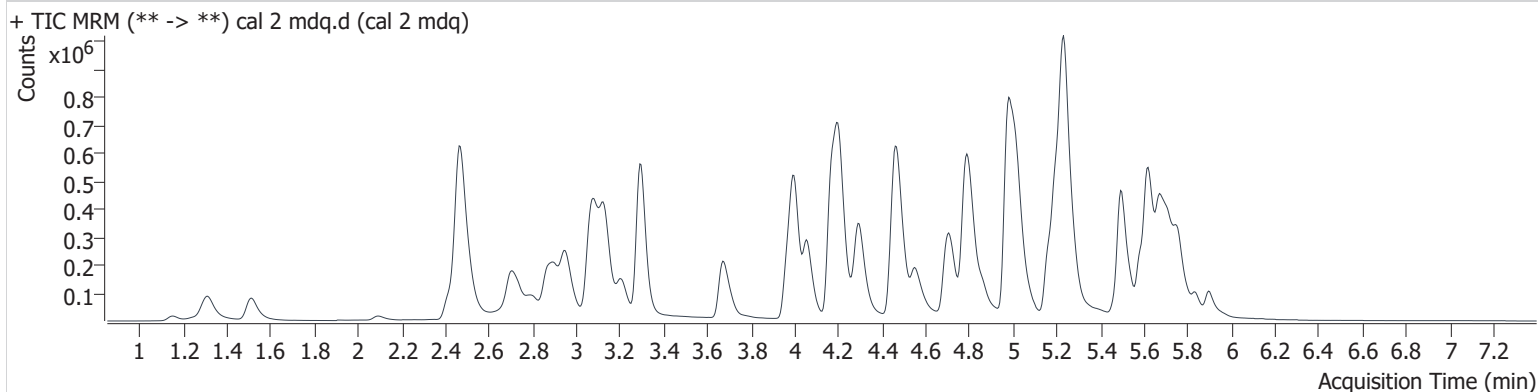
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	18390	∞	48.4	∞	332943	4.797 ng/ml
MDA	3.113	94137	6635.4	28.8	3196071435 099.5	497635	4.831 ng/ml
MDMA	3.210	68258	7916.1	107.2	7174.4	134217	4.966 ng/ml
Meprobamate	4.822	24100	647.5	34.6	121.0	129434	4.760 ng/ml
Methadone	5.618	114239	2329.0	68.4	17011.9	1078195	5.161 ng/ml
Methamphetamine	3.135	374401	∞	39.4	1747.3	1211285	4.660 ng/ml
Metoprolol	4.270	17304	1381.9	104.6	∞	1822647	5.034 ng/ml
Mirtazapine	4.555	162695	57350.6	50.1	35803.3	1078195	4.986 ng/ml
Mitragynine	5.156	19800	221743.4	27.7	43120.3	1822647	5.550 ng/ml
Morphine	1.157	4505	1295.7	29.2	216.8	10588	4.994 ng/ml
Norbuprenorphine	4.937	710	2730.8	76.8	4165.0	23502	0.498 ng/ml
Nordiazepam	5.840	16914	∞	61.5	915.3	128417	4.926 ng/ml
Norfentanyl	4.023	2175	∞	254.0	152.7	1166889	0.527 ng/ml
Noroxycodone	2.814	30412	1510.6	56.2	355.7	213092	4.959 ng/ml
O-desmethyl-tramadol	3.302	173516	15525.3	6.4	1510.4	1408443	5.026 ng/ml
Oxazepam	5.703	31957	508.8	67.5	235.1	332943	5.149 ng/ml
Oxycodone	2.737	80545	2658.3	29.7	1296.6	637837	4.797 ng/ml
Oxymorphone	1.315	44725	∞	45.8	∞	315429	4.991 ng/ml
Phentermine	3.710	27843	1219.1	13.9	139.1	677976	4.949 ng/ml
Promethazine	5.499	99291	140618.1	44.5	1910.4	984073	5.120 ng/ml
Pseudoephedrine	2.481	192245	∞	16.8	12143.7	1822647	5.102 ng/ml
Quetiapine	5.486	78484	14174.5	56.2	54995.1	226103	4.798 ng/ml
Sertraline	5.744	29170	∞	96.7	19147.5	220345	5.072 ng/ml
Temazepam	5.766	44685	2793.4	27.9	245.1	401007	5.032 ng/ml
Tramadol	4.182	176872	17814.2	3.8	82.9	1458508	4.980 ng/ml
Trazodone	5.031	98682	2645.8	78.7	48377.4	812577	5.252 ng/ml
Venlafaxine	4.981	102692	4841.9	39.8	550.8	1722001	5.298 ng/ml
Zolpidem	4.803	181109	11548.8	28.1	199976.6	1713535	4.970 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B1	Comment	
Injection Volume	3		
Acq. Date-Time	8/25/2022 3:13:58 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
6-MAM	3.064	3123	∞	131.0	3342.1	80505	1.030 ng/ml	
7-aminoclonazepam	4.182	30722	2217.2	58.4	1542.9	122401	10.354 ng/ml	
a-hydroxyalprazolam	5.639	12241	451.7	49.3	∞	354739	10.107 ng/ml	
alpha-PHP	4.868	60138	891.1	251.7	13810.8	758935	9.800 ng/ml	
alpha-PVP	4.303	206132	13012.7	53.8	2339.0	758935	9.912 ng/ml	
Alprazolam	5.723	93871	1484.5	96.0	958.7	354739	9.950 ng/ml	
Amphetamine	2.956	142178	5967.0	284.1	6908.4	1743369	10.188 ng/ml	
Benzoylcegonine	3.795	4593	888.3	49.7	97.1	14083	8.677 ng/ml	
Buprenorphine	5.668	6207	61.6	14.8	36.6	98241	1.185 ng/ml	
Bupropion	4.717	158569	12252.5	76.8	5297.6	839660	9.881 ng/ml	
Carisoprodol	5.673	25744	∞	83.6	544.3	121824	9.733 ng/ml	
Citalopram	5.168	141584	3491.1	34.2	10138.2	636023	9.792 ng/ml	
Clonazepam	5.555	10855	∞	34.5	∞	20152	10.213 ng/ml	
Clonazepam	5.496	42712	2353.0	38.8	∞	296388	12.744 ng/ml	
Cocaine	4.207	149273	∞	52.7	7271.0	1178807	9.936 ng/ml	
Codeine	2.483	19547	2490.0	90.3	600.8	92793	10.343 ng/ml	
Cyclobenzaprine	5.589	173598	79200.1	8.8	∞	519545	9.785 ng/ml	
Dextromethorphan	5.206	97438	1382.2	82.5	9630.1	436216	9.520 ng/ml	
Dextrophan	4.059	121658	12345.9	44.5	298690.3	573208	10.192 ng/ml	
Diazepam	5.902	36149	∞	86.0	9910830372	180433	9.315 ng/ml	
Dihydrocodeine	2.452	49120	1361.0	59.9	866.7	357.0	288170	10.574 ng/ml
Diphenhydramine	5.238	444220	7640.4	30.2	4333.1	2276976	9.745 ng/ml	
Doxylamine	4.477	445244	16965.4	69.9	4959.9	1737936	9.668 ng/ml	
EDDP	5.200	155274	∞	44.1	∞	771216	10.048 ng/ml	
Etizolam	5.764	32872	1602.2	25.1	2248.1	180433	10.686 ng/ml	
Fentanyl	5.027	16848	955.6	111.5	25400.1	830561	1.076 ng/ml	
Flualprazolam	5.649	37887	∞	100.3	2768.8	354739	10.138 ng/ml	
Fluoxetine	5.676	155552	77063.5	6.8	14377.6	529077	9.563 ng/ml	
Hydrocodone	2.938	74421	1252.7	37.2	359.0	380072	10.678 ng/ml	
Hydromorphone	1.518	62686	1487.3	70.7	278.4	194301	10.170 ng/ml	
Ketamine	3.987	133959	5969.3	36.4	470.1	662227	10.114 ng/ml	
Lamotrigine	4.214	13497	815.9	90.6	1558.7	354739	10.106 ng/ml	

AM #28 Multi-Drug Quant. Results

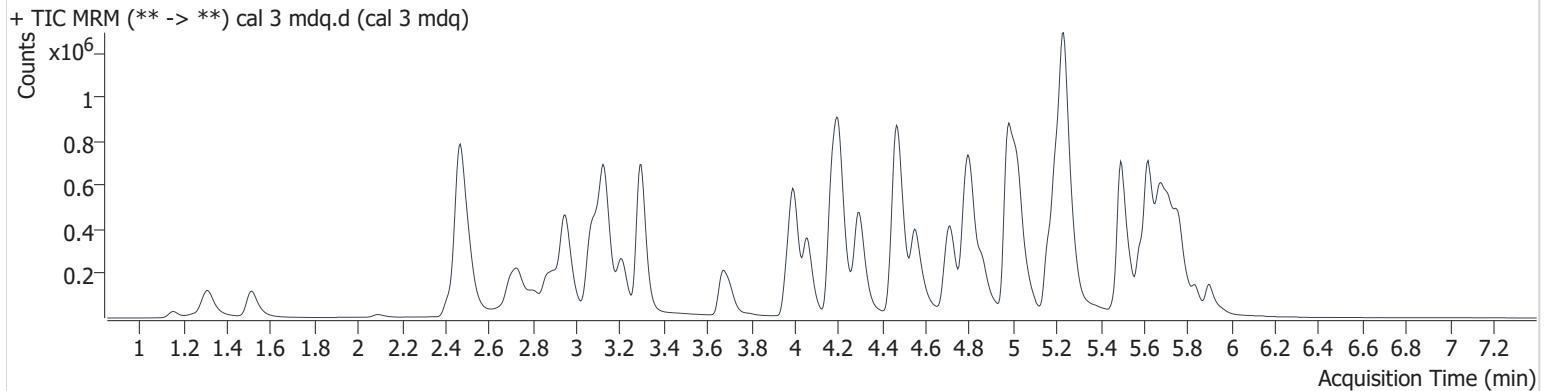
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.511	54487	3649.4	164.7	2277.9	1743369	10.234 ng/ml
Lorazepam	5.696	30130	∞	40.5	2372.1	270673	10.355 ng/ml
MDA	3.113	175478	2008.1	26.4	835.8	464403	10.351 ng/ml
MDMA	3.210	125412	54995.6	105.2	9121.7	125420	10.134 ng/ml
Meprobamate	4.822	41686	2266.4	33.5	173.3	113156	10.328 ng/ml
Methadone	5.623	214909	4457.9	66.9	5357.7	1050199	9.633 ng/ml
Methamphetamine	3.135	504599	∞	37.1	9456.6	1142720	10.730 ng/ml
Metoprolol	4.270	32991	3601.2	95.9	∞	1743369	9.979 ng/ml
Mirtazapine	4.555	322468	54064.5	48.7	∞	1050199	9.910 ng/ml
Mitragynine	5.161	34606	73429.3	30.6	26494.3	1743369	9.993 ng/ml
Morphine	1.157	8535	1354.9	25.2	398.1	10341	9.963 ng/ml
Norbuprenorphine	4.937	1269	4437.8	110.7	4614.4	24108	1.038 ng/ml
Nordiazepam	5.845	33254	∞	57.8	∞	123919	10.256 ng/ml
Norfentanyl	4.023	3931	3320.4	269.9	284.6	1137406	0.944 ng/ml
Noroxycodone	2.814	64475	2537.3	47.9	1110.3	210415	10.274 ng/ml
O-desmethyl-tramadol	3.297	320558	40390.6	6.4	22251.0	1332878	9.854 ng/ml
Oxazepam	5.698	48661	512.2	72.3	243.5	270673	9.547 ng/ml
Oxycodone	2.732	154321	3091.1	29.9	2226.3	627633	10.297 ng/ml
Oxymorphone	1.315	88136	∞	45.2	∞	313388	9.954 ng/ml
Phentermine	3.710	48674	2435.8	13.4	369.2	640855	9.935 ng/ml
Promethazine	5.499	169508	112806.2	46.0	14713.4	876774	9.628 ng/ml
Pseudoephedrine	2.476	353225	6418.7	17.0	2745.8	1743369	9.761 ng/ml
Quetiapine	5.486	155570	375039.9	56.2	279681.9	225803	10.370 ng/ml
Sertraline	5.744	59277	82042.8	96.9	5036.7	232054	9.713 ng/ml
Temazepam	5.766	65073	11071.3	28.6	131.5	296388	9.899 ng/ml
Tramadol	4.182	304417	3381.3	3.6	268.7	1356565	9.799 ng/ml
Trazodone	5.026	180356	9129.5	79.4	∞	805047	9.444 ng/ml
Venlafaxine	4.981	180730	8459.1	40.2	1191.2	1606182	9.347 ng/ml
Zolpidem	4.803	336670	959030.0	28.5	31479.4	1653411	9.964 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument 69679 **Data File** cal 3 mdq.d
Type Cal **Sample** cal 3 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-C1 **Comment**
Injection Volume 3
Acq. Date-Time 8/25/2022 3:23:01 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.064	7357	2273.2	136.8	14979.8	76617	2.570 ng/ml
7-aminoclonazepam	4.182	77800	1874.3	62.8	∞	127836	26.629 ng/ml
a-hydroxyalprazolam	5.639	30569	866.2	47.3	∞	343419	27.815 ng/ml
alpha-PHP	4.868	146801	1582.2	245.8	5149.1	715817	25.596 ng/ml
alpha-PVP	4.303	486485	12206.6	53.6	6718.7	715817	24.648 ng/ml
Alprazolam	5.723	222013	1493.8	91.0	∞	343419	23.621 ng/ml
Amphetamine	2.951	328296	7157.6	275.7	23758.8	1654940	27.621 ng/ml
Benzoylcegonine	3.795	11072	16837.9	62.6	386.5	12743	24.578 ng/ml
Buprenorphine	5.663	14100	191.5	17.5	118.4	90960	2.436 ng/ml
Bupropion	4.717	373301	37828.7	78.2	2821.7	810690	24.080 ng/ml
Carisoprodol	5.673	69332	∞	84.6	6912935935 0034.3	132910	24.568 ng/ml
Citalopram	5.162	327490	6259.5	35.0	27249.8	578786	24.936 ng/ml
Clonazepam	5.555	37775	2034.8	33.1	∞	28725	24.669 ng/ml
Clonazolam	5.496	102267	∞	38.1	202.6	351532	26.688 ng/ml
Cocaine	4.207	353196	126781.0	52.4	11159.0	1116436	24.787 ng/ml
Codeine	2.478	46139	19636.5	91.6	3588.4	87183	27.839 ng/ml
Cyclobenzaprine	5.589	399461	105870.5	8.9	3844.6	474612	24.544 ng/ml
Dextromethorphan	5.206	237999	500073.3	78.6	14548.9	411456	24.322 ng/ml
Dextrorphan	4.059	290958	23151.7	43.8	∞	546543	24.653 ng/ml
Diazepam	5.902	99463	∞	86.6	3175674038 80174.0	190739	24.095 ng/ml
Dihydrocodeine	2.447	119407	919.6	58.7	1503.8	279914	28.271 ng/ml
Diphenhydramine	5.238	1036827	164564.0	31.5	5695.7	2150608	23.780 ng/ml
Doxylamine	4.477	1076248	358858.9	69.5	15349.5	1626243	24.587 ng/ml
EDDP	5.200	397408	6079.4	42.4	850634.9	796739	24.483 ng/ml
Etizolam	5.764	82817	∞	22.6	327.3	190739	27.372 ng/ml
Fentanyl	5.027	36408	2737.1	124.5	667105.6	781913	2.350 ng/ml
Flualprazolam	5.649	87314	∞	106.3	44342.0	343419	24.601 ng/ml
Fluoxetine	5.681	354295	8124.1	6.6	25539.8	486466	24.067 ng/ml
Hydrocodone	2.933	179698	∞	35.0	617.8	371812	28.519 ng/ml
Hydromorphone	1.518	151527	4223.3	69.7	390.3	186897	25.225 ng/ml
Ketamine	3.987	313514	10542.8	37.3	1525.3	637660	25.007 ng/ml
Lamotrigine	4.214	31298	1171.4	88.7	6097.7	343419	26.121 ng/ml

AM #28 Multi-Drug Quant. Results

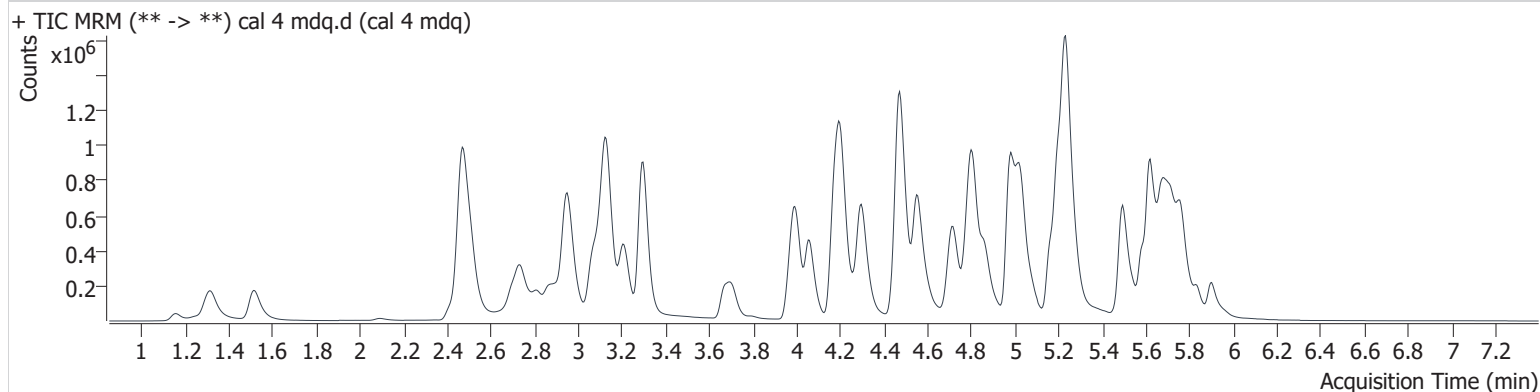
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.511	127794	2196.5	162.9	6227.4	1654940	26.816 ng/ml
Lorazepam	5.696	77166	∞	41.7	∞	277578	26.873 ng/ml
MDA	3.108	407493	7740.3	26.7	1657.9	435204	26.690 ng/ml
MDMA	3.210	296645	36882.8	105.5	5399.2	124509	24.677 ng/ml
Meprobamate	4.822	105344	10991.0	32.4	4597.8	110512	28.204 ng/ml
Methadone	5.618	504754	7643.5	67.9	∞	972104	23.888 ng/ml
Methamphetamine	3.135	901428	5913.3	37.7	3039.2	1099830	28.051 ng/ml
Metoprolol	4.270	76354	4915.7	95.1	∞	1654940	24.248 ng/ml
Mirtazapine	4.555	773116	22714.7	49.3	∞	972104	25.309 ng/ml
Mitragynine	5.156	93875	8146.2	30.9	20753.7	1654940	28.228 ng/ml
Morphine	1.157	20996	5207.8	25.7	1477.6	10276	25.094 ng/ml
Norbuprenorphine	4.932	2344	4097.3	98.0	6102.1	22627	2.263 ng/ml
Nordiazepam	5.840	81724	∞	60.3	∞	124349	25.424 ng/ml
Norfentanyl	4.023	9763	∞	254.9	1008.8	1120316	2.320 ng/ml
Noroxycodone	2.814	151079	912.3	48.6	2156.0	201360	24.686 ng/ml
O-desmethyl-tramadol	3.297	770670	77960.5	6.2	5636.3	1261381	25.105 ng/ml
Oxazepam	5.698	130477	4233.4	73.4	3208.0	277578	24.784 ng/ml
Oxycodone	2.732	363845	8124.6	31.4	5474.5	606600	26.574 ng/ml
Oxymorphone	1.310	214467	∞	45.1	∞	302155	25.207 ng/ml
Phentermine	3.710	114874	1115.1	13.6	439.5	611009	25.950 ng/ml
Promethazine	5.493	449195	26861.1	43.7	2218.8	889477	24.827 ng/ml
Pseudoephedrine	2.476	835030	260929.2	17.2	14631.8	1654940	24.245 ng/ml
Quetiapine	5.486	367036	8971.7	59.8	312449.1	222159	26.069 ng/ml
Sertraline	5.744	134810	186288.9	95.8	141654.8	203724	25.032 ng/ml
Temazepam	5.766	196061	∞	27.9	440.2	351532	25.122 ng/ml
Tramadol	4.182	742885	28249.3	3.7	569.2	1298310	26.048 ng/ml
Trazodone	5.026	418952	23150.1	77.7	11991.3	756704	22.912 ng/ml
Venlafaxine	4.976	443944	95867.8	39.6	4119.0	1536258	22.859 ng/ml
Zolpidem	4.803	802209	39901.4	28.3	48995.0	1565200	25.719 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument 69679 Data File cal 4 mdq.d
Type Cal Sample cal 4 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-D1 Comment
Injection Volume 3
Acq. Date-Time 8/25/2022 3:32:03 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.064	12823	26104.9	137.8	72243.8	68341	5.035 ng/ml
7-aminoclonazepam	4.182	106275	1339.5	60.6	1200.9	86568	54.802 ng/ml
a-hydroxyalprazolam	5.644	48814	759.0	50.9	952.0	290598	53.469 ng/ml
alpha-PHP	4.868	262003	5664.5	244.1	21203.9	655856	49.996 ng/ml
alpha-PVP	4.303	894589	39980.7	52.9	39911.2	655856	49.365 ng/ml
Alprazolam	5.718	404238	1696.8	89.7	5791.7	290598	50.279 ng/ml
Amphetamine	2.951	575674	14650.4	270.5	25947.1	1498941	55.330 ng/ml
Benzoylcegonine	3.795	20778	∞	57.6	285.7	11166	53.643 ng/ml
Buprenorphine	5.663	22312	266.2	15.5	320.3	66539	4.892 ng/ml
Bupropion	4.717	662981	17931.3	77.4	13483.9	709052	48.888 ng/ml
Carisoprodol	5.673	163567	∞	85.8	1223.1	151109	51.376 ng/ml
Citalopram	5.162	568065	10555.8	35.8	15394.0	505860	49.520 ng/ml
Clonazepam	5.555	97428	3788.6	34.0	2861.8	36046	50.510 ng/ml
Clonazepam	5.496	197802	5367.8	37.2	1738.2	401593	45.838 ng/ml
Cocaine	4.202	657094	∞	51.0	20413.1	1029354	49.989 ng/ml
Codeine	2.483	79541	13125.6	89.8	2613.9	75494	56.639 ng/ml
Cyclobenzaprine	5.583	719305	403275.8	8.8	5316.4	411035	50.959 ng/ml
Dextromethorphan	5.206	423477	6767.9	74.7	19473.9	354728	49.975 ng/ml
Dextrophan	4.059	530201	16235.1	44.7	24269.5	502313	48.286 ng/ml
Diazepam	5.902	208410	12688.2	84.2	∞	187533	51.245 ng/ml
Dihydrocodeine	2.447	206122	875.1	62.8	2917.1	253687	54.935 ng/ml
Diphenhydramine	5.238	1857127	154047.0	30.8	∞	1881062	48.483 ng/ml
Doxylamine	4.477	2056153	67354.1	69.9	29511.6	1546933	49.133 ng/ml
EDDP	5.200	759453	111731.4	40.9	643016.0	750674	49.373 ng/ml
Etizolam	5.764	147084	862.9	24.0	1119.1	187533	50.554 ng/ml
Fentanyl	5.027	67474	6666.4	112.3	95473.2	681407	4.892 ng/ml
Flualprazolam	5.654	154839	1228.0	102.4	∞	290598	51.929 ng/ml
Fluoxetine	5.676	617626	13688.9	6.6	38388.2	400633	51.228 ng/ml
Hydrocodone	2.933	305817	2573.2	37.9	1994.7	337758	54.715 ng/ml
Hydromorphone	1.518	275773	2916.9	75.2	23975.3	171679	49.761 ng/ml
Ketamine	3.982	589242	22288.9	36.5	5551.1	577714	52.195 ng/ml
Lamotrigine	4.214	54732	7487.5	86.9	25151.0	290598	55.445 ng/ml
Levetiracetam	2.511	208519	32299.9	162.4	8856.3	1498941	49.143 ng/ml



AM #28 Multi-Drug Quant. Results

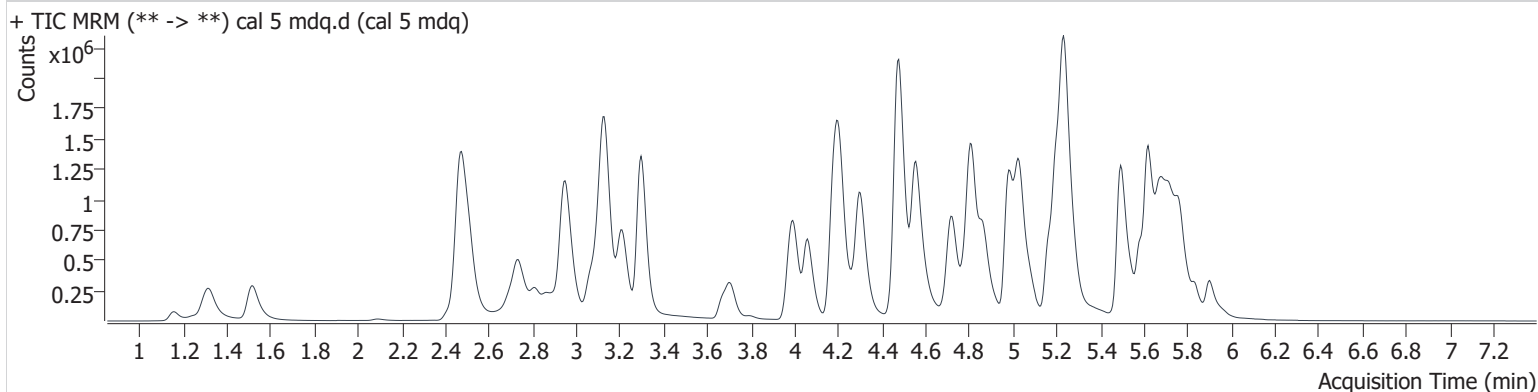
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	151732	∞	46.0	4159.2	274329	54.135 ng/ml
MDA	3.108	706808	5581.5	26.8	3209.8	389615	52.371 ng/ml
MDMA	3.210	545975	58660.8	103.5	19270.1	112060	50.864 ng/ml
Meprobamate	4.822	176695	1694.4	33.9	1473.0	99301	53.455 ng/ml
Methadone	5.618	898340	∞	68.1	6103.5	861055	47.635 ng/ml
Methamphetamine	3.135	1422235	∞	38.6	∞	1028931	53.831 ng/ml
Metoprolol	4.270	139623	4977.3	94.7	18661.7	1498941	48.898 ng/ml
Mirtazapine	4.555	1409254	91521.2	51.4	29902.2	861055	51.844 ng/ml
Mitragynine	5.156	138973	43588.7	31.5	31515.9	1498941	46.026 ng/ml
Morphine	1.157	36134	3306.0	25.3	872.7	8794	50.763 ng/ml
Norbuprenorphine	4.932	4254	∞	87.0	7255.4	17875	5.497 ng/ml
Nordiazepam	5.840	135156	∞	62.4	∞	107968	48.618 ng/ml
Norfentanyl	4.023	17756	1454.7	263.9	1107.0	1032175	4.541 ng/ml
Noroxycodone	2.814	272344	2559.9	49.6	822.0	181717	48.987 ng/ml
O-desmethyl-tramadol	3.297	1449659	133679.0	6.2	11587.3	1178556	50.590 ng/ml
Oxazepam	5.698	251591	1170.7	71.9	4536.4	274329	48.250 ng/ml
Oxycodone	2.732	699641	130036.0	29.9	4116.8	572467	55.194 ng/ml
Oxymorphone	1.315	393855	∞	46.4	∞	272931	51.305 ng/ml
Phentermine	3.710	210158	966.1	13.5	1406.8	554202	53.278 ng/ml
Promethazine	5.493	282609	61325.8	44.6	4954.0	284805	48.590 ng/ml
Pseudoephedrine	2.476	1523170	23607.5	17.2	9323.4	1498941	48.786 ng/ml
Quetiapine	5.486	698341	881144.9	59.6	∞	209667	53.428 ng/ml
Sertraline	5.744	209293	243686.6	94.8	∞	157584	50.159 ng/ml
Temazepam	5.766	438140	21822.1	29.9	515.3	401593	49.126 ng/ml
Tramadol	4.182	1331119	201308.8	3.6	569.8	1181274	51.962 ng/ml
Trazodone	5.026	742826	25385.5	81.5	∞	650051	46.980 ng/ml
Venlafaxine	4.981	811780	24114.9	38.1	3277.3	1372814	46.009 ng/ml
Zolpidem	4.803	1486774	1732751.3	28.5	83713.5	1498395	50.185 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E1	Comment	
Injection Volume	3		
Acq. Date-Time	8/25/2022 3:41:05 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.064	25515	∞	134.8	26495.4	66757	10.271 ng/ml
7-aminoclonazepam	4.182	207428	2552.1	64.3	2538.0	93333	100.076 ng/ml
a-hydroxyalprazolam	5.639	86210	9366.6	51.7	629.9	267040	103.779 ng/ml
alpha-PHP	4.868	495928	1903.7	248.1	15117.2	626227	99.254 ng/ml
alpha-PVP	4.303	1717216	113607.8	52.0	14817.4	626227	99.137 ng/ml
Alprazolam	5.718	719291	7241.7	92.7	2470.7	267040	96.911 ng/ml
Amphetamine	2.951	997680	20916.3	260.9	85241.5	1347673	108.491 ng/ml
Benzoylcegonine	3.795	41332	4676.6	56.1	520.3	12487	96.100 ng/ml
Buprenorphine	5.663	46956	481.3	15.2	244.0	68856	9.614 ng/ml
Bupropion	4.722	1288342	63631.8	76.7	36098.9	666771	101.018 ng/ml
Carisoprodol	5.673	273442	∞	85.6	8785.7	140438	92.708 ng/ml
Citalopram	5.168	1059175	36420.5	35.8	9769.2	477074	97.932 ng/ml
Clonazepam	5.555	187753	6152.7	34.1	6639.5	33970	103.095 ng/ml
Clonazepam	5.496	354372	6519.0	37.3	558.3	371593	89.634 ng/ml
Cocaine	4.207	1186574	∞	50.9	299330.4	948167	97.976 ng/ml
Codeine	2.478	135779	17517.6	89.7	5418.3	67313	109.556 ng/ml
Cyclobenzaprine	5.583	1308497	50813.4	8.9	∞	383956	99.173 ng/ml
Dextromethorphan	5.206	780764	62974.6	76.9	9209.2	331110	98.508 ng/ml
Dextrorphan	4.059	1011157	79305.3	43.8	∞	468063	98.192 ng/ml
Diazepam	5.902	387733	9248.2	85.0	1374.0	176379	101.275 ng/ml
Dihydrocodeine	2.447	373029	2138.1	61.9	1888.7	242575	105.046 ng/ml
Diphenhydramine	5.238	3522322	139318.2	30.8	27121.8	1744968	98.912 ng/ml
Doxylamine	4.477	4024756	65945.9	69.2	63564.7	1486096	99.858 ng/ml
EDDP	5.200	1325669	33068.1	42.9	95644.4	669560	96.358 ng/ml
Etizolam	5.764	284342	∞	24.2	3635.7	176379	105.362 ng/ml
Fentanyl	5.032	125729	6240.2	120.0	132094.1	653327	9.421 ng/ml
Flualprazolam	5.654	287196	1336.0	98.7	184602.7	267040	105.161 ng/ml
Fluoxetine	5.676	1072623	∞	6.5	173555.5	361416	98.856 ng/ml
Hydrocodone	2.933	553115	33445.9	37.1	34101.6	320186	105.729 ng/ml
Hydromorphone	1.518	539866	3400.2	74.3	10699.8	165992	100.525 ng/ml
Ketamine	3.987	1104796	70442.0	36.6	∞	557177	101.751 ng/ml
Lamotrigine	4.214	95884	4966.9	86.4	16887.1	267040	106.946 ng/ml
Levetiracetam	2.516	387204	13464.5	160.1	15642.0	1347673	102.607 ng/ml

AM #28 Multi-Drug Quant. Results

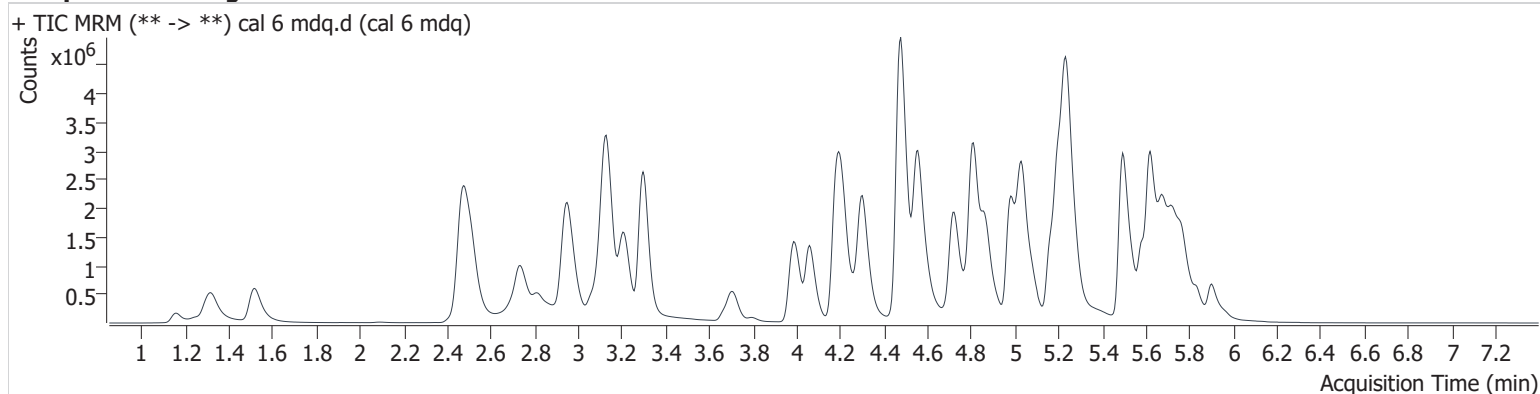
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	247316	∞	42.8	∞	230980	105.431 ng/ml
MDA	3.108	1196770	118108.5	27.5	13976.4	343690	101.171 ng/ml
MDMA	3.210	1024106	56541.7	102.5	24746.6	104629	102.570 ng/ml
Meprobamate	4.827	305915	3277.9	33.9	987.5	89249	103.835 ng/ml
Methadone	5.618	1788426	195110.7	64.7	139885.0	833351	97.604 ng/ml
Methamphetamine	3.135	2466864	∞	38.7	12805.4	984654	105.290 ng/ml
Metoprolol	4.270	263452	10051.2	92.5	∞	1347673	102.558 ng/ml
Mirtazapine	4.555	2741186	114191.4	49.9	68006.9	833351	103.967 ng/ml
Mitragynine	5.156	226423	15703.5	31.4	37867.0	1347673	83.260 ng/ml
Morphine	1.157	71669	23987.2	28.6	2942.9	8778	101.151 ng/ml
Norbuprenorphine	4.932	7447	7403.2	90.9	16407.7	19548	8.938 ng/ml
Nordiazepam	5.840	255529	∞	60.9	∞	96309	103.284 ng/ml
Norfentanyl	4.023	32698	1818.7	265.3	5128.4	926804	9.272 ng/ml
Noroxycodone	2.809	501381	26668.2	48.0	8357.3	166571	98.058 ng/ml
O-desmethyl-tramadol	3.297	2765699	154723.1	6.1	18441.6	1135187	100.249 ng/ml
Oxazepam	5.698	427253	21551.4	69.9	∞	230980	97.204 ng/ml
Oxycodone	2.732	1293082	69305.2	30.2	24224.0	542946	108.515 ng/ml
Oxymorphone	1.315	755287	∞	45.8	∞	268980	99.883 ng/ml
Phentermine	3.710	392649	11236.7	12.3	1506.7	538223	103.347 ng/ml
Promethazine	5.499	897651	306459.1	44.9	15196.7	451943	97.059 ng/ml
Pseudoephedrine	2.476	2780423	97094.5	16.9	22202.4	1347673	99.006 ng/ml
Quetiapine	5.486	1326074	∞	57.9	745685.3	191470	112.024 ng/ml
Sertraline	5.744	380034	∞	95.2	12399.5	145101	98.836 ng/ml
Temazepam	5.766	810650	17881.4	28.8	4847.8	371593	98.216 ng/ml
Tramadol	4.182	2504021	69773.6	3.5	835.7	1118402	103.919 ng/ml
Trazodone	5.031	1436700	105616.3	80.4	27375.1	620092	94.955 ng/ml
Venlafaxine	4.981	1577850	164026.6	38.3	14925.4	1303693	93.404 ng/ml
Zolpidem	4.808	2815572	119133.4	28.0	∞	1387858	103.046 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F1	Comment	
Injection Volume	3		
Acq. Date-Time	8/25/2022 3:50:07 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.059	66158	3492.6	133.4	∞	72215	24.640 ng/ml
7-aminoclonazepam	4.177	384219	16290.2	72.2	2705.3	82863	209.954 ng/ml
a-hydroxyalprazolam	5.639	142854	∞	51.9	535.2	230125	200.571 ng/ml
alpha-PHP	4.868	1217219	50842.4	248.9	82455.8	606403	251.800 ng/ml
alpha-PVP	4.303	4158250	260590.1	52.9	200420.4	606403	247.755 ng/ml
Alprazolam	5.723	1582354	∞	93.6	∞	230125	246.652 ng/ml
Amphetamine	2.951	1948451	87385.2	260.7	108243.3	1163205	247.985 ng/ml
Benzoylcegonine	3.795	111482	9206.7	54.2	889.6	13279	245.108 ng/ml
Buprenorphine	5.663	109838	722.1	15.5	213.3	67291	22.560 ng/ml
Bupropion	4.722	3349119	13836.2	74.8	64768.0	698981	250.489 ng/ml
Carisoprodol	5.673	530558	3680.8	80.1	2348223227 871740.0	99586	254.313 ng/ml
Citalopram	5.167	2481317	46026.1	37.4	34352.2	420347	260.436 ng/ml
Clonazepam	5.555	379690	3208.8	33.8	1445.4	27872	253.839 ng/ml
Clonazolam	5.496	731262	∞	37.2	∞	291345	237.448 ng/ml
Cocaine	4.207	2665231	∞	51.4	∞	852718	244.665 ng/ml
Codeine	2.483	260064	13129.6	93.7	3807.8	59497	238.837 ng/ml
Cyclobenzaprine	5.583	3095399	47227.5	9.0	4317.1	359020	250.796 ng/ml
Dextromethorphan	5.206	1772328	61884.2	75.1	17814.9	287963	256.781 ng/ml
Dextrorphan	4.059	2505623	620844.1	44.2	729687.5	461508	245.859 ng/ml
Diazepam	5.902	959135	139173.3	86.6	∞	172439	256.106 ng/ml
Dihydrocodeine	2.447	816736	3534.9	63.1	1527.0	246800	227.444 ng/ml
Diphenhydramine	5.238	8544641	325450.2	30.0	146972.6	1666976	250.857 ng/ml
Doxylamine	4.477	10226061	99509.7	70.6	97488.5	1385886	271.640 ng/ml
EDDP	5.200	3916128	4037510.9	43.2	4150429.4	777864	244.588 ng/ml
Etizolam	5.764	636087	4053.8	26.0	2142.5	172439	242.858 ng/ml
Fentanyl	5.027	309483	11053.1	124.4	366795.9	640540	23.513 ng/ml
Flualprazolam	5.654	606100	4513.7	100.0	3742.4	230125	258.025 ng/ml
Fluoxetine	5.676	2389870	69758.7	6.7	∞	308855	258.151 ng/ml
Hydrocodone	2.927	1230012	∞	37.2	∞	312397	242.867 ng/ml
Hydromorphone	1.518	1289710	4763.2	74.7	5780.6	159191	250.081 ng/ml
Ketamine	3.987	2682949	416991.3	37.2	18131.8	546106	252.545 ng/ml
Lamotrigine	4.219	174212	6867.6	86.8	1481.2	230125	227.001 ng/ml

AM #28 Multi-Drug Quant. Results

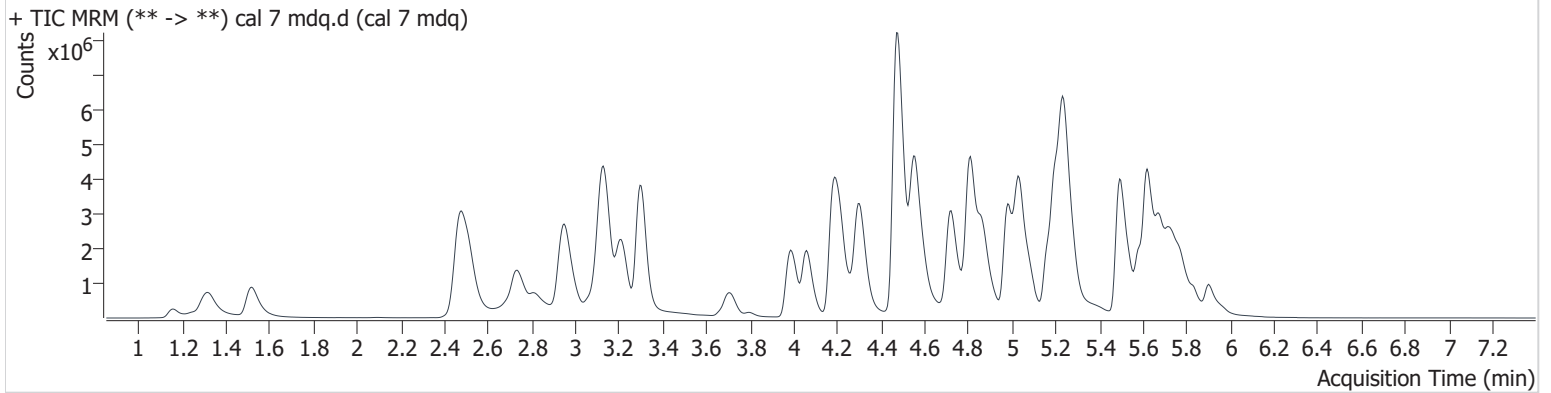
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.516	807879	91032.4	160.4	14720.6	1163205	249.509 ng/ml
Lorazepam	5.696	322936	∞	47.9	∞	139885	228.103 ng/ml
MDA	3.103	2175596	69268.7	26.6	14743.1	291038	217.998 ng/ml
MDMA	3.210	2341060	249747.5	103.3	54457.2	98350	249.989 ng/ml
Meprobamate	4.827	590969	2227.8	33.1	3725.9	76492	235.209 ng/ml
Methadone	5.618	4661036	97742.5	61.9	260216.1	840023	251.786 ng/ml
Methamphetamine	3.136	5461714	∞	38.5	∞	1024709	234.718 ng/ml
Metoprolol	4.270	585541	85746.0	93.1	∞	1163205	264.004 ng/ml
Mirtazapine	4.555	6511748	1473357.7	49.1	145990.8	840023	244.707 ng/ml
Mitragynine	5.156	601224	17685.9	31.3	4876.9	1163205	255.774 ng/ml
Morphine	1.157	179380	56202.7	24.1	12560.8	8899	250.151 ng/ml
Norbuprenorphine	4.937	19412	20953.3	101.3	26655.7	18944	24.428 ng/ml
Nordiazepam	5.840	586013	∞	61.4	∞	91079	250.767 ng/ml
Norfentanyl	4.023	79645	12176.1	265.0	2447.9	823256	25.357 ng/ml
Noroxycodone	2.814	1027141	53478.0	48.2	5650.5	134277	248.696 ng/ml
O-desmethyl-tramadol	3.297	6734519	255610.6	5.9	46055.7	1101103	251.733 ng/ml
Oxazepam	5.698	629816	14593.3	72.1	4906.4	139885	236.442 ng/ml
Oxycodone	2.732	2924417	303762.1	30.5	22276.8	537210	249.335 ng/ml
Oxymorphone	1.315	1797597	∞	45.6	∞	254804	251.034 ng/ml
Phentermine	3.710	837682	∞	11.9	1058.4	542156	219.911 ng/ml
Promethazine	5.499	2927044	∞	42.7	36843.1	576186	247.932 ng/ml
Pseudoephedrine	2.480	6161000	∞	16.6	25867.9	1163205	254.108 ng/ml
Quetiapine	5.485	3041459	226959.3	58.8	1095060.5	198117	249.363 ng/ml
Sertraline	5.739	803990	605244.7	94.4	80046.7	124578	243.422 ng/ml
Temazepam	5.766	1619547	131996.5	29.4	1217.0	291345	250.240 ng/ml
Tramadol	4.182	5826874	267016.5	3.4	3781.9	1059860	256.175 ng/ml
Trazodone	5.031	3777552	191156.4	78.0	59133.8	580233	266.294 ng/ml
Venlafaxine	4.981	4141289	107728.4	38.3	20666.5	1282450	247.992 ng/ml
Zolpidem	4.808	7135133	1935943.7	28.2	193948.2	1412421	257.222 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument 69679 Data File cal 7 mdq.d
Type Cal Sample cal 7 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-G1 Comment
Injection Volume 3
Acq. Date-Time 8/25/2022 3:59:09 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.064	113575	49215.7	134.4	41996.1	61539	49.653 ng/ml
7-aminoclonazepam	4.177	487976	2567.3	68.2	3406.5	58845	376.330 ng/ml
a-hydroxyalprazolam	5.639	152929	955.3	54.2	665.8	151048	327.823 ng/ml
alpha-PHP	4.868	1928249	15750.5	253.9	379126.7	485716	498.140 ng/ml
alpha-PVP	4.303	6816759	141618.5	52.0	80604.8	485716	506.962 ng/ml
Alprazolam	5.723	2203325	1833.9	91.3	3265.7	151048	522.716 ng/ml
Amphetamine	2.956	2624371	67235.9	259.0	209018.0	864788	450.878 ng/ml
Benzoylcegonine	3.800	201719	254514.3	52.9	4970.0	11358	519.460 ng/ml
Buprenorphine	5.663	168781	1884.4	15.6	1102.7	49181	47.076 ng/ml
Bupropion	4.725	5732666	1668558.9	71.4	150562.1	575179	521.037 ng/ml
Carisoprodol	5.673	656306	∞	74.6	2255.0	59160	529.954 ng/ml
Citalopram	5.168	3472143	78185.1	38.6	36353.2	313456	488.732 ng/ml
Clonazepam	5.555	449320	11050.6	34.2	2223.9	17352	482.331 ng/ml
Clonazepam	5.502	909833	∞	37.1	∞	180011	479.106 ng/ml
Cocaine	4.207	4043752	∞	49.9	161030.6	625581	505.965 ng/ml
Codeine	2.483	354502	10362.1	95.2	12322.8	43393	447.458 ng/ml
Cyclobenzaprine	5.583	4491423	61337.7	8.9	∞	260138	502.162 ng/ml
Dextromethorphan	5.206	2419421	25471.1	77.1	65907.5	198272	508.897 ng/ml
Dextropropriphan	4.059	3947328	358061.1	44.4	524353.3	365119	488.975 ng/ml
Diazepam	5.902	1550089	∞	85.8	∞	140359	508.411 ng/ml
Dihydrocodeine	2.442	1256799	7578.6	62.5	12060.4	212092	408.217 ng/ml
Diphenhydramine	5.238	12896266	245844.7	30.0	45972.1	1231613	512.237 ng/ml
Doxylamine	4.477	17820618	104842.6	73.4	116477.8	1278408	512.957 ng/ml
EDDP	5.200	6717717	421548.4	42.5	102730.7	647186	503.988 ng/ml
Etizolam	5.764	1034084	1404.0	25.2	1675.8	140359	486.425 ng/ml
Fentanyl	5.032	502235	30692.4	122.3	5706849.0	490244	49.752 ng/ml
Flualprazolam	5.654	787115	4114.1	94.5	10418.7	151048	510.843 ng/ml
Fluoxetine	5.681	3335867	619192.5	6.7	∞	222443	500.554 ng/ml
Hydrocodone	2.927	1930391	∞	38.3	∞	264036	452.231 ng/ml
Hydromorphone	1.518	2049478	2487.7	74.7	4006.2	127962	494.174 ng/ml
Ketamine	3.987	4305524	479401.2	36.5	16638.8	441651	501.421 ng/ml
Lamotrigine	4.224	221961	12669.2	89.2	11141.5	151048	441.923 ng/ml
Levetiracetam	2.521	1147427	50745.9	160.1	41199.0	864788	477.610 ng/ml

AM #28 Multi-Drug Quant. Results

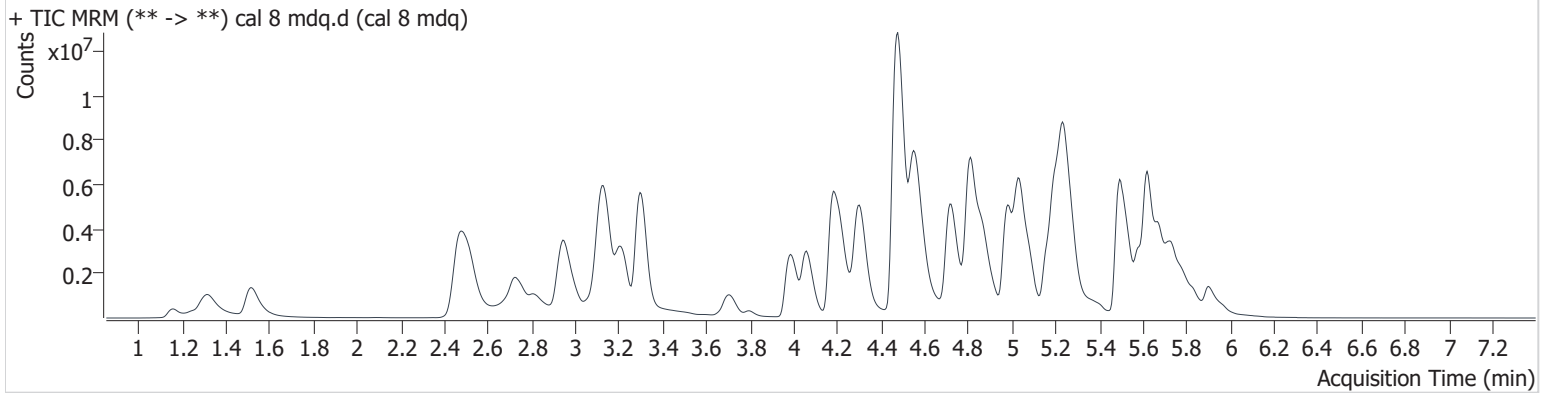
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	294150	∞	45.5	13738.3	69532	418.557 ng/ml
MDA	3.103	2653725	40351.8	26.3	4126.5	217328	356.539 ng/ml
MDMA	3.210	3423111	85123.1	103.8	146099.0	74023	486.024 ng/ml
Meprobamate	4.832	749375	953.1	32.1	1574.9	54493	419.392 ng/ml
Methadone	5.618	7682622	670186.3	59.7	1762241673 05910.0	659232	528.428 ng/ml
Methamphetamine	3.135	8162325	∞	36.6	∞	908217	402.290 ng/ml
Metoprolol	4.265	849489	451120.6	94.9	∞	864788	515.124 ng/ml
Mirtazapine	4.555	10302720	577837.0	49.3	21157.8	659232	493.118 ng/ml
Mitragynine	5.156	829035	61453.9	33.4	55770.0	864788	474.244 ng/ml
Morphine	1.157	318122	56215.4	25.1	5644.5	7543	523.722 ng/ml
Norbuprenorphine	4.932	34985	∞	94.9	935337.1	16681	50.237 ng/ml
Nordiazepam	5.840	850870	8917.3	61.7	∞	68881	481.639 ng/ml
Norfentanyl	4.023	124874	23396.7	261.7	7852.3	618891	52.842 ng/ml
Noroxycodone	2.815	1450661	∞	47.9	14535.4	95050	495.874 ng/ml
O-desmethyl-tramadol	3.301	10927597	205115.6	5.5	39475.3	907573	495.614 ng/ml
Oxazepam	5.698	650695	∞	71.2	50627.6	69532	491.327 ng/ml
Oxycodone	2.726	4509140	63335.5	30.9	6463.1	442503	467.611 ng/ml
Oxymorphone	1.315	2843274	∞	45.3	∞	203506	497.205 ng/ml
Phentermine	3.710	1213757	∞	11.9	6668.3	468081	369.689 ng/ml
Promethazine	5.499	4317988	∞	42.4	∞	422034	499.142 ng/ml
Pseudoephedrine	2.481	9051119	∞	16.5	21449.1	864788	502.090 ng/ml
Quetiapine	5.486	4598164	109230.1	59.2	147366.5	149601	500.116 ng/ml
Sertraline	5.739	1135484	∞	93.4	372148.4	82360	519.924 ng/ml
Temazepam	5.771	2014167	∞	29.3	2508.3	180011	503.676 ng/ml
Tramadol	4.182	8959598	310074.8	3.4	2668.4	855528	488.602 ng/ml
Trazodone	5.031	5902089	108713.9	77.6	165526.9	425372	567.204 ng/ml
Venlafaxine	4.981	7063892	81278.0	37.3	23731.0	1001756	540.667 ng/ml
Zolpidem	4.808	11340308	87547.1	28.5	377903.3	1163019	496.879 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\082522\QuantResults\mdq.batch.bin
Calibration Last Update 8/26/2022 8:40:45 AM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-H1	Comment	
Injection Volume	3		
Acq. Date-Time	8/25/2022 4:17:08 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.059	211877	∞	135.9	9304.8	59918	95.148 ng/ml
7-aminoclonazepam	4.172	528838	59927.6	69.5	19479.6	46999	511.017 ng/ml
a-hydroxyalprazolam	5.633	142194	6342.0	53.8	1820.3	105483	436.843 ng/ml
alpha-PHP	4.873	3252274	7942.4	253.7	117628.8	410337	994.674 ng/ml
alpha-PVP	4.303	11706759	9191909.1	52.4	193329.1	410337	1030.460 ng/ml
Alprazolam	5.718	3060631	11981.3	92.4	4274.4	105483	1039.280 ng/ml
Amphetamine	2.951	3494309	72568.8	254.2	144051.6	623422	834.443 ng/ml
Benzoylcegonine	3.795	425926	∞	53.7	40049.0	12083	1031.930 ng/ml
Buprenorphine	5.663	253128	908.8	15.8	634.3	32713	105.738 ng/ml
Bupropion	4.722	10427258	871266.0	69.1	179943.9	543922	1002.180 ng/ml
Carisoprodol	5.678	642401	5275.3	79.4	7935.8	30839	995.421 ng/ml
Citalopram	5.162	4970307	48480.6	38.0	284603.8	214534	1022.234 ng/ml
Clonazepam	5.555	435823	11553.7	32.6	1406.8	8272	981.210 ng/ml
Clonazepam	5.518	944853	∞	37.3	6640.5	85874	1044.078 ng/ml
Cocaine	4.212	6290618	∞	47.5	710533.7	474024	1038.727 ng/ml
Codeine	2.488	516906	3604.2	95.8	12293.8	34209	828.651 ng/ml
Cyclobenzaprine	5.583	6758170	413851.4	8.5	∞	194869	1008.604 ng/ml
Dextromethorphan	5.206	3298914	68617.4	75.9	132078.6	139405	986.702 ng/ml
Dextropropion	4.059	6910084	591289.4	43.7	337338.5	306660	1018.508 ng/ml
Diazepam	5.902	2667847	∞	85.5	∞	124289	988.065 ng/ml
Dihydrocodeine	2.442	2002642	3213.2	62.6	6628.4	213846	645.838 ng/ml
Diphenhydramine	5.243	19768110	248749.9	29.3	231059.1	910277	1062.141 ng/ml
Doxylamine	4.477	30378758	224576.5	79.3	1873652.1	1194104	935.970 ng/ml
EDDP	5.200	12892575	2234931.1	40.2	167920.9	582836	1073.727 ng/ml
Etizolam	5.764	1660456	1200.9	25.4	5542.8	124289	883.170 ng/ml
Fentanyl	5.032	820462	54785.1	129.3	2879713.3	388570	102.444 ng/ml
Flualprazolam	5.654	934301	19476.9	92.2	1188.1	105483	868.532 ng/ml
Fluoxetine	5.676	4373443	130427.5	6.3	∞	144932	1007.472 ng/ml
Hydrocodone	2.927	3382560	∞	38.5	∞	250678	835.904 ng/ml
Hydromorphone	1.518	3504188	2245.7	74.0	5167.8	108661	994.795 ng/ml
Ketamine	3.987	7122590	373608.9	37.1	28244.4	396262	924.759 ng/ml
Lamotrigine	4.229	234835	5368.5	90.9	44341.9	105483	670.227 ng/ml
Levetiracetam	2.526	1672756	14940.6	157.4	173341.6	623422	966.910 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.696	219697	10822929.2	49.2	∞	20849	1043.598 ng/ml
MDA	3.093	3203570	199222.3	26.6	10685.4	160884	581.862 ng/ml
MDMA	3.210	5594619	904803.9	96.0	537521.7	59338	991.332 ng/ml
Meprobamate	4.832	786870	1979.7	31.8	23443.7	32830	731.643 ng/ml
Methadone	5.618	13453674	∞	56.6	583060.4	577327	1056.294 ng/ml
Methamphetamine	3.130	13065257	∞	36.3	∞	940099	627.290 ng/ml
Metoprolol	4.265	1112196	116861.9	98.8	∞	623422	935.494 ng/ml
Mirtazapine	4.555	17530385	470861.5	47.8	6214428.1	577327	957.877 ng/ml
Mitragynine	5.156	1307013	116976.4	33.7	30530.9	623422	1036.925 ng/ml
Morphine	1.157	498023	50848.9	24.4	8837.9	6678	926.268 ng/ml
Norbuprenorphine	4.932	65285	∞	96.5	109635.0	14430	108.638 ng/ml
Nordiazepam	5.845	1230741	∞	59.9	13716.3	47967	1000.642 ng/ml
Norfentanyl	4.023	185476	∞	270.8	104402.5	415613	116.827 ng/ml
Noroxycodone	2.814	2073185	∞	46.3	∞	64341	1046.537 ng/ml
O-desmethyl-tramadol	3.297	18511364	306067.9	5.8	100832.9	767551	992.777 ng/ml
Oxazepam	5.698	460201	11244.5	71.7	1103.3	20849	1158.743 ng/ml
Oxycodone	2.723	7239384	8710.4	30.1	7249.1	402449	826.236 ng/ml
Oxymorphone	1.315	4786807	∞	44.5	∞	174788	974.658 ng/ml
Phentermine	3.705	1963601	∞	11.3	168758.1	452126	619.805 ng/ml
Promethazine	5.499	10562067	245668.1	39.8	154855.0	473618	1087.719 ng/ml
Pseudoephedrine	2.481	13612105	68995.3	16.5	∞	623422	1047.400 ng/ml
Quetiapine	5.480	6417424	∞	55.4	∞	121178	862.325 ng/ml
Sertraline	5.739	1618963	3732308.7	94.0	110020.0	60569	1007.921 ng/ml
Temazepam	5.776	1956779	171742.3	29.4	1819.8	85874	1025.717 ng/ml
Tramadol	4.177	14534199	744238.0	3.3	4761.4	752359	901.875 ng/ml
Trazodone	5.037	9781165	161787.2	78.4	211447.5	307117	1301.557 ng/ml
Venlafaxine	4.981	12815229	965308.1	35.5	127765.3	843675	1163.816 ng/ml
Zolpidem	4.808	19324946	500096.8	27.6	230853.0	1066189	923.987 ng/ml