















**Worklist: 5282**

REVIEWED
By Britany Wylie at 7:31 am, Oct 13, 2021

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-2096	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2130	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2135	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2136	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2143	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2144	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2146	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2160	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2190	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2192	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2193	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2211	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-2219	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-2231	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date 10/7/21 Analyst: Anne Nord
Plate lot#: ~~201207~~ (part IDP-121) Plate Expiration: 12/10/21
210610 11/3/21

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

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

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

LCMS-QQQ ID: 69679

Pre-Analytic:

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

Analytic:

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

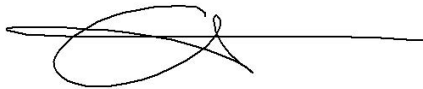
Post-Analytic

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

COMMENTS:

Curve limits:

Amphetamine 5-500, benzoylecgonine 10-1000, buprenorphine 1-100, clonazepam 25-1000, dihydrocodeine 5-500, MDA 5-500, meprobamate 5-500, methamphetamine 5-500, norbuprenorphine 1-100, norhydrocodone 5-500, trazodone 5-500
Qualitative only: Alpha-hydroxyalprazolam (surrogate internal standard), Phentermine (accuracy out of range 100ng QC)



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	2143-1					2130-1				
B	IS + Cal. 2	IS + QC_2	2146-1					2096-1				
C	IS + Cal. 3	qc3	2190-1					2219-1				
D	IS + Cal. 4	IS + QC_4	2211-1									
E	IS + Cal. 5	Qc 2 urine	2144-1				2193-3					
F	IS + Cal. 6	negative blood	2192-1				2231-1					
G	IS + Cal. 7	2135-1					2160-2					
H	IS + Cal. 8	2136-1					negative urine					

am 28 extraction 10/7/21

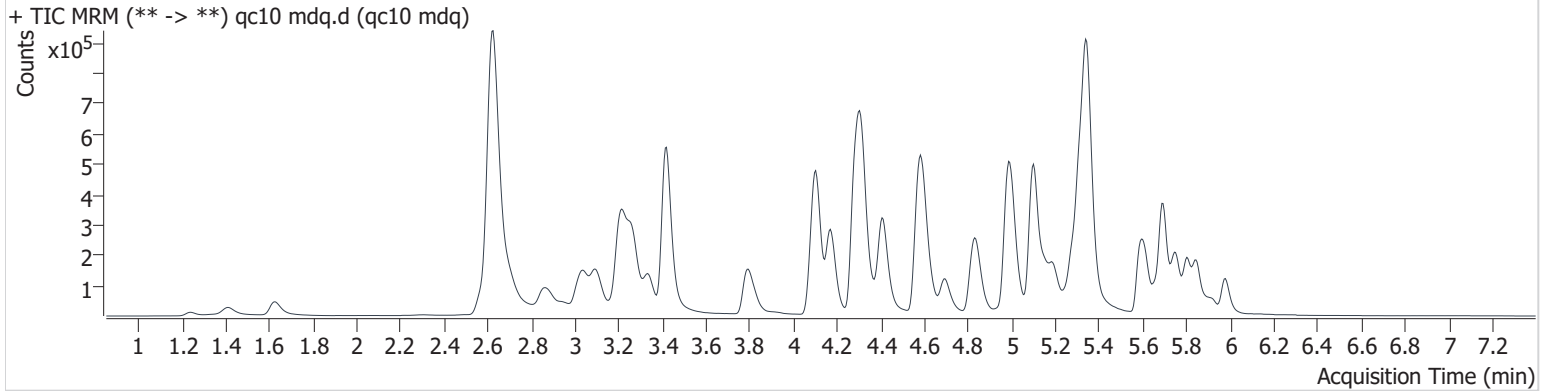
c2021-0__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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 10/7/2021 7:38:30 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.186	3012	4419.1	120.3	13934.6	68337	1.111 ng/ml
7-aminoclonazepam	4.323	17600	3736.0	72.3	1836.4	95864	10.522 ng/ml
a-hydroxyalprazolam	5.739	4200	5631.4	48.6	824.4	235294	11.249 ng/ml
alpha-PHP	4.992	125950	1457881.5	40.3	6789.0	365601	11.389 ng/ml
alpha-PVP	4.418	177425	11766.0	53.4	4626.9	673450	10.294 ng/ml
Alprazolam	5.807	77551	∞	91.2	3699.3	235294	10.992 ng/ml
Amphetamine	3.098	241085	4725.9	41.3	2578.1	365601	11.532 ng/ml
Benzoylcegonine	3.932	3096	14697.9	61.0	81.8	8685	12.043 ng/ml
Buprenorphine	5.919	2330	348.3	20.0	864.8	83524	0.845 ng/ml
Bupropion	4.847	163431	283537.3	70.3	8862.5	645793	10.839 ng/ml
Carisoprodol	5.763	56955	383800.1	56.3	1918.2	201130	10.717 ng/ml
Citalopram	5.285	114229	2396.8	37.2	349567.4	443716	10.902 ng/ml
Clonazepam	5.656	6514	∞	35.9	4419.1	11305	7.260 ng/ml ocr
Clonazepam	5.597	13861	∞	40.1	6097.1	235294	10.948 ng/ml
Cocaine	4.312	129859	8544.5	51.2	11531.2	966346	10.441 ng/ml
Codeine	2.639	17579	1972.5	89.4	2064.7	70131	11.617 ng/ml
Cyclobenzaprine	5.663	51972	6615.1	7.8	20000.7	152395	10.860 ng/ml
Dextromethorphan	5.324	71008	7931.5	75.9	1308.5	322214	10.393 ng/ml
Dextrophan	4.175	123040	5938.8	46.0	7466.4	593592	10.684 ng/ml
Diazepam	5.980	50363	2833.3	85.0	2128.2	211089	11.132 ng/ml
Dihydrocodeine	2.608	48445	155.9	59.6	1473.0	257295	11.226 ng/ml
Diphenhydramine	5.351	356327	92636.8	30.8	4691.5	1599157	10.506 ng/ml
Doxylamine	4.597	406965	35388.6	77.2	33532.0	1405487	10.620 ng/ml
EDDP	5.318	175293	∞	46.0	∞	806250	10.068 ng/ml
Etizolam	5.847	45360	126761.8	21.3	117045.3	235294	10.921 ng/ml
Fentanyl	5.165	6509	∞	124.7	21983.3	338338	0.942 ng/ml
Flualprazolam	5.739	30838	2809.2	97.4	2102.6	235294	10.540 ng/ml
Fluoxetine	5.745	32642	1633.8	7.1	∞	108101	11.267 ng/ml
Hydrocodone	3.069	52962	∞	37.7	∞	258118	11.178 ng/ml
Hydromorphone	1.633	36329	∞	83.0	∞	118753	9.945 ng/ml
Ketamine	4.104	123363	29554.2	35.8	4217.4	560832	11.048 ng/ml
Lamotrigine	4.340	10181	11850.1	94.3	34541.1	251253	9.196 ng/ml
Levetiracetam	2.702	44742	1492.3	222.2	2033.3	502655	9.858 ng/ml

AM #28 Multi-Drug Quant. Results

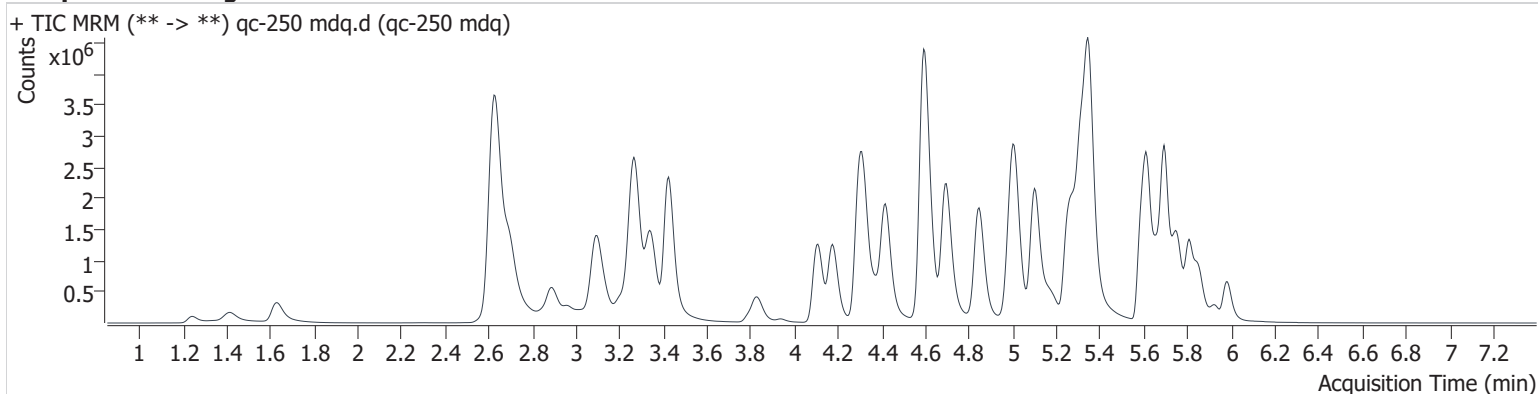
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.786	4610	∞	56.0	43.3	24795	9.020 ng/ml
MDA	3.251	122355	25191.3	28.1	6555.1	336024	10.717 ng/ml
MDMA	3.343	128628	∞	94.9	5984.7	120965	10.780 ng/ml
Meprobamate	4.967	11846	12265.9	34.4	3967.1	35642	10.652 ng/ml
Methadone	5.692	159391	2131.1	57.4	6350.5	663377	10.391 ng/ml
Methamphetamine	3.272	311032	8356.7	40.4	1842.9	1003065	11.786 ng/ml
Metoprolol	4.375	36730	∞	101.6	∞	336024	11.415 ng/ml
Mirtazapine	4.696	215075	18153.6	50.3	10940.3	663377	11.038 ng/ml
Mitragynine	5.300	32279	39001.6	32.3	30265.8	2978295	9.497 ng/ml
Morphine	1.246	7261	1896.3	17.1	3563.0	7769	10.961 ng/ml
Norbuprenorphine	5.061	338	768.8	95.3	763.9	10713	1.472 ng/ml
Nordiazepam	5.929	16265	44243.6	65.3	∞	50634	10.241 ng/ml
Norfentanyl	4.130	9375	1086.5	38.4	∞	939718	1.108 ng/ml
Norhydrocodone	3.116	4068	∞	26.9	∞	74497	10.184 ng/ml
Noroxycodone	2.967	28995	∞	48.7	∞	89420	10.348 ng/ml
O-desmethyl-tramadol	3.424	319508	13488.6	5.9	6726.1	1426579	10.641 ng/ml
Oxazepam	5.788	6243	7312.2	75.3	75.9	24795	10.825 ng/ml
Oxycodone	2.889	87538	∞	29.1	∞	322169	10.766 ng/ml
Oxymorphone	1.414	31339	∞	44.4	∞	98855	10.742 ng/ml
Phentermine	3.827	48658	1255.3	10.2	591.2	502655	11.552 ng/ml
Promethazine	5.590	70331	7003.5	40.8	6866.5	306392	10.988 ng/ml
Pseudoephedrine	2.631	685137	18424.5	24.3	7376.9	2978295	10.663 ng/ml
Quetiapine	5.613	168354	22857.4	60.3	102288.3	212245	10.831 ng/ml
Sertraline	5.813	8863	∞	100.7	1379.9	32194	9.875 ng/ml
Temazepam	5.850	56816	62894.9	29.3	293.5	251253	10.377 ng/ml
Tramadol	4.298	302870	12525.5	3.6	337.6	1302577	10.748 ng/ml
Trazodone	5.253	109640	5168.9	81.2	13167.0	382021	11.535 ng/ml
Venlafaxine	5.100	211560	18353.5	40.0	1289.6	1302551	11.084 ng/ml
Zolpidem	5.006	297556	16079.5	29.8	30246.3	1298315	10.596 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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 10/7/2021 7:47:34 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	51540	∞	133.0	∞	50256	27.794 ng/ml
7-aminoclonazepam	4.323	240019	4394.8	74.6	11207.3	55250	271.150 ng/ml
a-hydroxyalprazolam	5.734	54899	4975.0	57.8	6910.9	152858	228.629 ng/ml
alpha-PHP	4.992	2214003	∞	40.3	88672.4	287555	276.338 ng/ml
alpha-PVP	4.418	3431205	∞	52.6	96046.3	537212	267.879 ng/ml
Alprazolam	5.807	1193888	18376.4	91.8	∞	152858	269.153 ng/ml
Amphetamine	3.098	3420837	83071.5	41.2	65005.0	287555	252.869 ng/ml
Benzoylcegonine	3.942	63757	∞	56.1	3246.7	8276	289.040 ng/ml
Buprenorphine	5.919	59079	19697.6	15.4	988.6	91252	28.301 ng/ml
Bupropion	4.847	3430145	600829.9	68.0	73528.4	557200	279.293 ng/ml
Carisoprodol	5.763	769980	∞	58.7	13137.1	113719	274.029 ng/ml
Citalopram	5.280	2105428	22120.5	39.8	43301.3	343072	276.127 ng/ml
Clonazepam	5.656	116949	∞	34.7	9787.7	9013	275.691 ng/ml
Clonazepam	5.597	204926	297630.0	40.1	164048.8	152858	267.211 ng/ml
Cocaine	4.317	2213841	307124.7	49.7	169573.2	692728	270.227 ng/ml
Codeine	2.634	226289	72379.0	95.7	63614.9	48325	258.973 ng/ml
Cyclobenzaprine	5.663	1953499	55095.7	8.7	∞	249317	267.949 ng/ml
Dextromethorphan	5.324	1432716	129541.0	76.6	∞	263064	269.249 ng/ml
Dextrophan	4.175	2325309	146006.8	44.9	318044.3	455500	280.672 ng/ml
Diazepam	5.985	871444	21123.5	86.0	9856.8	156708	278.055 ng/ml
Dihydrocodeine	2.597	762782	9272.4	62.8	2342.3	214085	254.914 ng/ml
Diphenhydramine	5.351	7044866	134119.4	30.4	143380.3	1267612	276.572 ng/ml
Doxylamine	4.592	8375287	284562.2	79.1	526260.2	1175912	281.604 ng/ml
EDDP	5.319	3577566	4263179.0	42.7	63829.8	676383	272.146 ng/ml
Etizolam	5.847	694126	∞	23.9	557023.8	152858	271.748 ng/ml
Fentanyl	5.170	245654	∞	121.9	∞	488262	27.029 ng/ml
Flualprazolam	5.739	466755	9373.5	95.9	∞	152858	265.705 ng/ml
Fluoxetine	5.745	1120773	∞	7.5	613324.6	163285	274.381 ng/ml
Hydrocodone	3.075	975214	∞	38.6	∞	211078	277.424 ng/ml
Hydromorphone	1.633	769897	∞	74.8	∞	93800	286.393 ng/ml
Ketamine	4.109	2225389	∞	37.7	25311.3	449157	275.200 ng/ml
Lamotrigine	4.345	159838	159212.2	87.9	13376.6	141075	281.701 ng/ml
Levetiracetam	2.697	846212	45232.9	227.5	215820.1	413143	274.265 ng/ml

AM #28 Multi-Drug Quant. Results

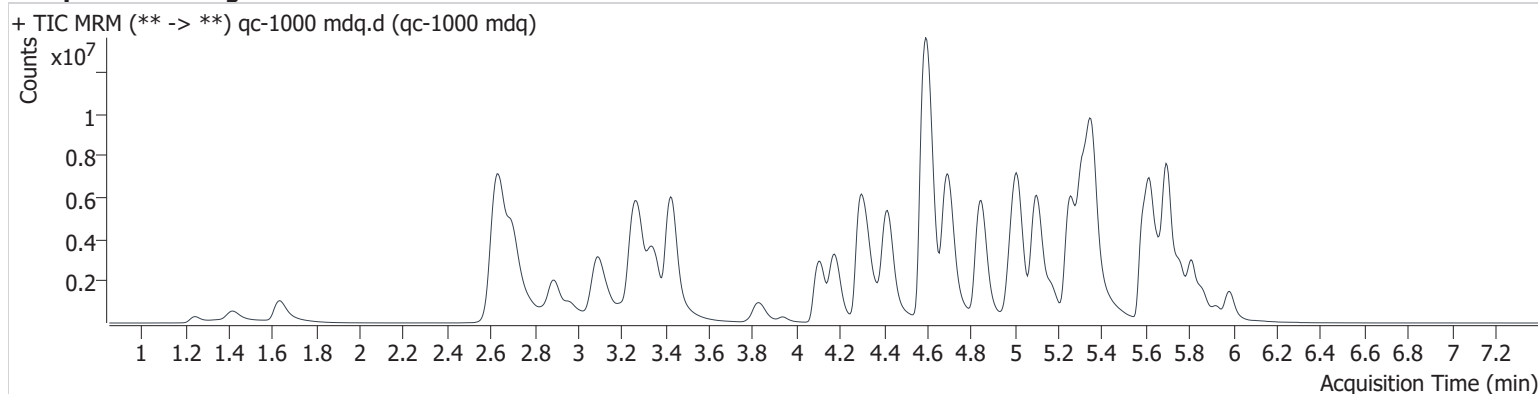
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	79700	∞	48.9	1028.3	16140	273.763 ng/ml
MDA	3.246	1602629	38799.5	28.3	13672.1	212587	255.464 ng/ml
MDMA	3.343	2247623	75349.6	95.2	150722.5	92357	269.902 ng/ml
Meprobamate	4.967	204435	240898.4	30.8	66426.1	29162	263.977 ng/ml
Methadone	5.692	4101443	445149.4	54.0	359597.0	682851	270.928 ng/ml
Methamphetamine	3.272	4520438	58212.9	40.1	72980.5	875634	261.709 ng/ml
Metoprolol	4.380	575249	∞	101.3	∞	212587	288.302 ng/ml
Mirtazapine	4.696	4803745	278620.8	48.5	6934761.1	682851	266.714 ng/ml
Mitragynine	5.300	773772	∞	33.5	452277.8	1986869	288.410 ng/ml
Morphine	1.246	143459	3197.6	18.6	7828.8	7038	262.545 ng/ml
Norbuprenorphine	5.051	5646	19055.0	98.1	41532.9	10499	32.042 ng/ml
Nordiazepam	5.929	277063	∞	62.6	∞	36339	263.871 ng/ml
Norfentanyl	4.135	174292	15187.6	37.6	∞	695648	26.639 ng/ml
Norhydrocodone	3.121	89613	∞	30.9	∞	64027	257.146 ng/ml
Noroxycodone	2.967	533608	∞	45.3	∞	69514	269.134 ng/ml
O-desmethyl-tramadol	3.424	6118648	342903.4	5.9	27838.6	1130467	275.940 ng/ml
Oxazepam	5.788	104028	4786.4	70.2	1402.0	16140	290.297 ng/ml
Oxycodone	2.889	1748025	∞	29.2	∞	275342	268.366 ng/ml
Oxymorphone	1.414	591748	∞	44.6	∞	80819	269.905 ng/ml
Phentermine	3.832	825452	∞	8.4	∞	413143	280.524 ng/ml
Promethazine	5.590	2807413	566368.5	39.5	61147.5	521907	270.975 ng/ml
Pseudoephedrine	2.631	11165631	∞	24.0	∞	1986869	274.948 ng/ml
Quetiapine	5.613	3384701	408285.1	62.2	∞	181015	272.617 ng/ml
Sertraline	5.813	296446	543716.8	98.6	277703.5	44394	266.480 ng/ml
Temazepam	5.855	788177	81019.7	29.0	∞	141075	267.097 ng/ml
Tramadol	4.298	5344888	203838.5	3.5	3304.0	972998	283.096 ng/ml
Trazodone	5.253	2849004	∞	80.0	386550.3	483350	268.170 ng/ml
Venlafaxine	5.100	4258706	180727.1	38.7	187118.6	1040510	257.786 ng/ml
Zolpidem	5.006	5366269	257032.7	29.2	96668.7	995216	271.128 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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 10/7/2021 7:56:36 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	177418	513515.3	136.3	∞	43847	109.918 ng/ml
7-aminoclonazepam	4.329	317211	15430.7	79.2	9216.1	18554	1069.976 ng/ml
a-hydroxyalprazolam	5.734	140893	1082.6	53.8	4956.6	93314	961.546 ng/ml
alpha-PHP	4.982	5870777	∞	40.0	∞	257898	819.014 ng/ml
alpha-PVP	4.418	12226317	890985.1	51.8	314533.1	455233	1128.944 ng/ml
Alprazolam	5.807	2850122	42254.3	91.5	20579.6	93314	1053.661 ng/ml
Amphetamine	3.103	7882520	966995.1	42.7	115870.5	257898	653.811 ng/ml ocr
Benzoylcegonine	3.937	328009	1922315.8	56.0	8557.5	10718	1152.359 ng/ml
Buprenorphine	5.919	242671	21357.3	16.6	29203.6	104593	102.430 ng/ml
Bupropion	4.847	13028109	78759241.9	65.9	338822.8	565755	1046.587 ng/ml
Carisoprodol	5.768	1570704	2005008.3	55.7	65811.3	55199	1154.125 ng/ml
Citalopram	5.275	4420877	419356.0	40.9	242156.5	184061	1082.760 ng/ml
Clonazepam	5.651	286060	1306043.9	35.3	354987.4	6413	960.459 ng/ml
Clonazepam	5.597	392804	12880.8	41.1	70420.2	93314	840.804 ng/ml
Cocaine	4.317	6037580	291324.8	51.3	597894.9	488748	1047.290 ng/ml
Codeine	2.634	561789	∞	99.3	∞	35909	870.786 ng/ml
Cyclobenzaprine	5.663	5247984	28137503.6	8.2	∞	165504	1086.921 ng/ml
Dextromethorphan	5.329	3126542	114004.2	74.5	8191909.1	141415	1094.607 ng/ml
Dextrophan	4.175	7686146	257360.2	43.9	471315.3	364160	1162.764 ng/ml
Diazepam	5.985	2331193	∞	86.7	∞	107967	1082.026 ng/ml
Dihydrocodeine	2.592	2250678	7579.4	62.8	8404.5	228894	707.664 ng/ml ocr
Diphenhydramine	5.356	18859515	756571.5	29.7	4393550.8	802423	1171.591 ng/ml
Doxylamine	4.592	30854203	∞	86.0	687352.4	1229394	994.468 ng/ml
EDDP	5.317	14240692	∞	41.6	2848522.5	620878	1184.028 ng/ml
Etizolam	5.847	1762543	∞	23.6	∞	93314	1132.377 ng/ml
Fentanyl	5.165	1173977	1324027.9	124.5	9880709.0	542680	116.535 ng/ml
Flualprazolam	5.739	1097602	6573.2	93.9	9747.1	93314	1026.104 ng/ml
Fluoxetine	5.745	2118162	2972201.5	7.4	167072.3	76834	1104.552 ng/ml
Hydrocodone	3.069	3756449	∞	38.6	∞	217168	1041.929 ng/ml
Hydromorphone	1.638	3065918	∞	75.1	∞	97218	1102.540 ng/ml
Ketamine	4.104	7310039	518142.0	36.9	∞	407821	998.819 ng/ml
Lamotrigine	4.345	257985	20099.9	87.9	303721.7	69451	925.654 ng/ml
Levetiracetam	2.702	3100415	1609954.6	227.6	190813.5	432924	964.339 ng/ml

AM #28 Multi-Drug Quant. Results

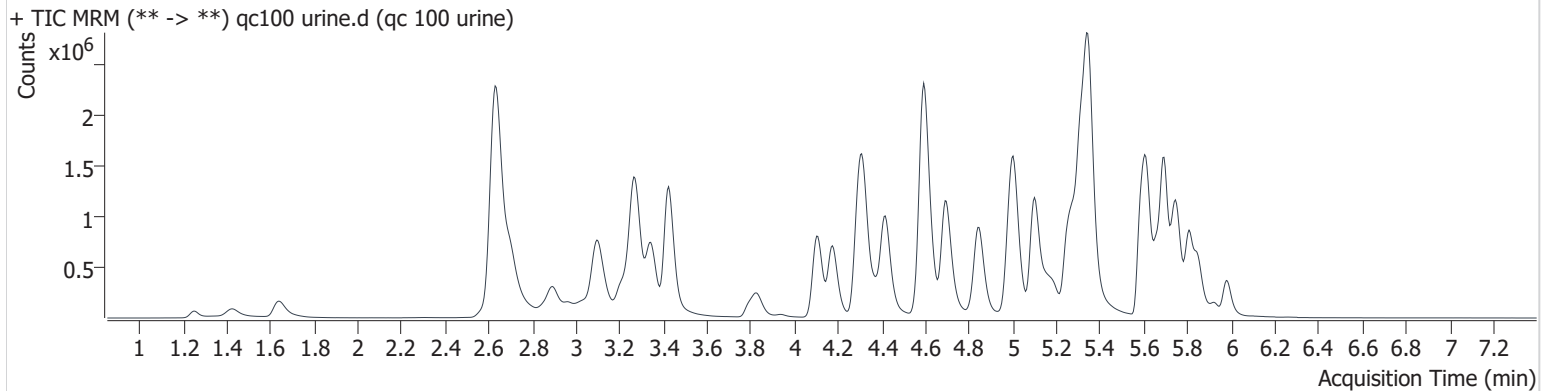
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	266170	∞	51.1	3206.1	14963	989.681 ng/ml
MDA	3.235	3060131	200472.4	27.8	5605.7	139860	744.688 ng/ml ocr
MDMA	3.343	6294471	498631.7	92.8	3383001.5	67305	1040.216 ng/ml
Meprobamate	4.957	540080	∞	29.2	67677.9	30626	666.996 ng/ml ocr
Methadone	5.697	14142478	∞	50.1	1144883.7	559038	1142.604 ng/ml
Methamphetamine	3.272	12611405	112401.9	39.0	872221.4	971352	664.525 ng/ml ocr
Metoprolol	4.375	1279918	743166.6	100.7	∞	139860	975.602 ng/ml
Mirtazapine	4.696	17273304	812839.0	47.3	294708.3	559038	1175.917 ng/ml
Mitragynine	5.289	1928729	66775.4	34.7	1399553.2	1274453	1116.397 ng/ml
Morphine	1.246	477083	13195.2	16.9	9138.2	5779	1066.758 ng/ml
Norbuprenorphine	5.056	18672	24897.8	96.0	43744.4	8733	128.686 ng/ml
Nordiazepam	5.929	668927	∞	62.0	∞	22109	1049.827 ng/ml
Norfentanyl	4.135	469064	292446.2	37.2	446960.0	411606	120.991 ng/ml
Norhydrocodone	3.121	297660	∞	29.1	∞	41465	1318.246 ng/ml ocr
Noroxycodone	2.967	1869804	∞	44.9	∞	58959	1115.233 ng/ml
O-desmethyl-tramadol	3.424	21359371	43504048.0	5.7	153333.7	998518	1092.955 ng/ml
Oxazepam	5.788	341645	∞	72.3	8224.7	14963	1029.754 ng/ml
Oxycodone	2.884	7533446	∞	29.2	∞	303697	1050.778 ng/ml
Oxymorphone	1.414	2310319	∞	44.0	∞	84073	1015.705 ng/ml
Phentermine	3.832	2595891	∞	7.4	∞	432924	846.175 ng/ml
Promethazine	5.584	9698793	380291.4	35.8	∞	429518	1139.424 ng/ml
Pseudoephedrine	2.636	30037094	∞	23.7	∞	1274453	1155.079 ng/ml
Quetiapine	5.618	9349383	1925589.6	60.2	∞	117146	1166.098 ng/ml
Sertraline	5.813	557682	1660802.1	100.2	960720.6	19480	1146.236 ng/ml
Temazepam	5.860	1684424	∞	29.4	12505.7	69451	1161.001 ng/ml
Tramadol	4.288	15999762	491908.4	3.3	13509.6	853890	968.757 ng/ml
Trazodone	5.248	8626274	∞	79.9	1628068.0	577146	682.470 ng/ml ocr
Venlafaxine	5.100	15618406	381502.0	37.5	423582.4	854634	1147.941 ng/ml
Zolpidem	5.010	17817087	872404.7	28.6	∞	882977	1017.287 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 AM

Instrument 69679 **Data File** qc100 urine.d
Type Sample **Sample** qc 100 urine
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-E2 **Comment**
Injection Volume 3
Acq. Date-Time 10/7/2021 8:14:35 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	23188	∞	134.8	∞	56078	11.154 ng/ml
7-aminoclonazepam	4.323	141288	4541.5	73.4	2887.4	76107	115.311 ng/ml
a-hydroxyalprazolam	5.734	28322	461.8	58.3	593.0	171718	104.929 ng/ml
alpha-PHP	4.992	1029367	110532.3	40.7	41158.6	325296	112.971 ng/ml
alpha-PVP	4.418	1563895	101213.7	53.1	46793.9	593517	110.050 ng/ml
Alprazolam	5.807	545165	∞	92.2	∞	171718	109.178 ng/ml
Amphetamine	3.103	1785507	∞	41.3	24236.8	325296	115.255 ng/ml
Benzoylcegonine	3.937	31130	194619.2	53.9	756.0	9635	120.413 ng/ml
Buprenorphine	5.919	19081	2517.5	15.4	2078.9	61928	13.263 ng/ml
Bupropion	4.847	1467498	3440794.4	69.9	13203.7	592941	111.885 ng/ml
Carisoprodol	5.763	385771	∞	56.9	6936.4	139701	111.298 ng/ml
Citalopram	5.280	1087377	26492.2	39.1	∞	428959	113.639 ng/ml
Clonazepam	5.656	45861	67659.5	35.8	3476.3	7910	120.300 ng/ml
Clonazepam	5.597	47176	11809.2	40.5	58380.6	171718	54.098 ng/ml
Cocaine	4.317	1054281	96980.9	51.0	40912.1	809844	109.508 ng/ml
Codeine	2.639	127222	24953.0	89.3	13459.4	58713	118.562 ng/ml
Cyclobenzaprine	5.663	1117062	16834.5	8.5	2832.4	344623	110.355 ng/ml
Dextromethorphan	5.324	792903	21044.5	75.0	∞	360772	108.341 ng/ml
Dextrophan	4.175	1090953	139387.6	44.0	∞	511085	116.928 ng/ml
Diazepam	5.985	408654	∞	87.4	8314.6	177609	114.558 ng/ml
Dihydrocodeine	2.603	393696	2074.9	62.2	2185.0	239558	116.302 ng/ml
Diphenhydramine	5.351	3469846	591644.0	30.9	43130.4	1572445	109.447 ng/ml
Doxylamine	4.592	4039053	71333.0	78.3	105015.5	1410469	112.705 ng/ml
EDDP	5.318	1859480	274699.4	42.6	∞	830391	114.544 ng/ml
Etizolam	5.842	306420	∞	24.2	∞	171718	106.397 ng/ml
Fentanyl	5.165	126167	7358.8	119.9	374208.7	605088	11.146 ng/ml
Flualprazolam	5.739	234783	21598.6	95.6	6829.7	171718	118.475 ng/ml
Fluoxetine	5.745	1236580	1285964.0	7.2	347986.9	414942	118.653 ng/ml
Hydrocodone	3.075	464012	∞	37.8	∞	236245	117.251 ng/ml
Hydromorphone	1.643	360743	∞	75.2	∞	106013	118.289 ng/ml
Ketamine	4.104	1039179	1430532.7	37.5	9134.6	494317	116.064 ng/ml
Lamotrigine	4.345	79454	18492.6	88.9	11155.9	209085	93.876 ng/ml
Levetiracetam	2.702	387260	12533.0	227.2	30265.4	446499	114.896 ng/ml

AM #28 Multi-Drug Quant. Results

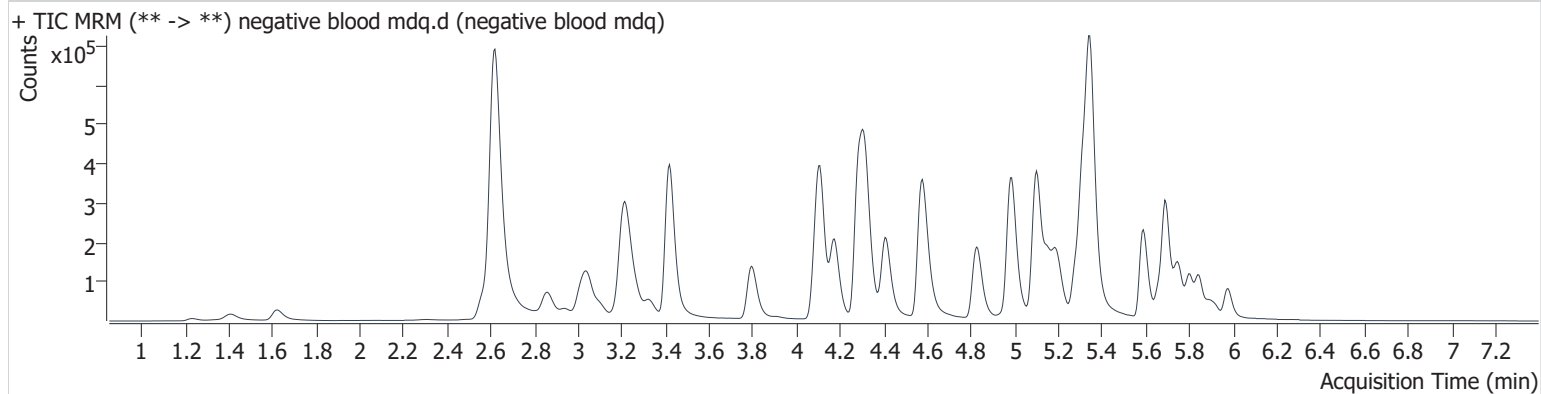
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	40877	7249.2	46.5	∞	19844	113.422 ng/ml
MDA	3.251	848452	∞	28.0	3183.9	256548	111.114 ng/ml
MDMA	3.343	1053400	∞	93.5	20260.8	104058	111.654 ng/ml
Meprobamate	4.967	100915	∞	29.4	1726.9	29505	127.788 ng/ml
Methadone	5.692	1883231	83134.2	55.1	96333.1	770794	109.931 ng/ml
Methamphetamine	3.278	2144287	35199.9	40.6	49173.2	901155	118.371 ng/ml
Metoprolol	4.380	281573	16899.4	102.0	∞	256548	116.794 ng/ml
Mirtazapine	4.696	2422223	115298.5	48.2	74029.2	770794	118.416 ng/ml
Mitragynine	5.300	428001	∞	33.0	169442.2	2440972	130.684 ng/ml
Morphine	1.251	76262	39424.1	17.9	7370.9	9813	99.400 ng/ml
Norbuprenorphine	5.056	2773	∞	92.6	13451.2	13787	11.714 ng/ml
Nordiazepam	5.929	116692	∞	61.0	13924.2	36087	111.386 ng/ml
Norfentanyl	4.135	77187	6141.5	37.9	43754.5	777989	10.579 ng/ml
Norhydrocodone	3.121	37990	∞	26.7	∞	67820	103.009 ng/ml
Noroxycodone	2.967	264160	∞	47.0	∞	83594	110.166 ng/ml
O-desmethyl-tramadol	3.424	2681272	1379793.9	5.9	26506.0	1243459	109.445 ng/ml
Oxazepam	5.788	49376	1961.1	65.7	471.7	19844	111.740 ng/ml
Oxycodone	2.894	835332	∞	29.4	∞	318402	110.459 ng/ml
Oxymorphone	1.424	266145	∞	44.4	∞	86845	112.396 ng/ml
Phentermine	3.832	389416	12635.5	8.9	2286.8	446499	121.246 ng/ml
Promethazine	5.590	1671732	106462.8	39.5	112874.7	770398	108.953 ng/ml
Pseudoephedrine	2.636	5555167	∞	24.4	∞	2440972	110.978 ng/ml
Quetiapine	5.613	1682099	215755.0	61.2	2079073.6	213287	114.540 ng/ml
Sertraline	5.813	350843	456935.0	98.1	16361.9	125016	111.320 ng/ml
Temazepam	5.855	481665	48991.0	29.8	∞	209085	109.867 ng/ml
Tramadol	4.298	2497127	65978.0	3.6	2051.5	1135856	112.525 ng/ml
Trazodone	5.253	1449867	83188.3	83.2	29941.0	564147	116.025 ng/ml
Venlafaxine	5.100	1885960	42491.9	38.5	31012.4	1142926	104.461 ng/ml
Zolpidem	5.006	2585612	86002.1	29.3	40490.0	1171704	110.387 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 AM

Instrument	69679	Data File	negative blood mdq.d
Type	Sample	Sample	negative blood mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	10/7/2021 8:23:37 PM		
Sample Info.			

Sample Chromatogram

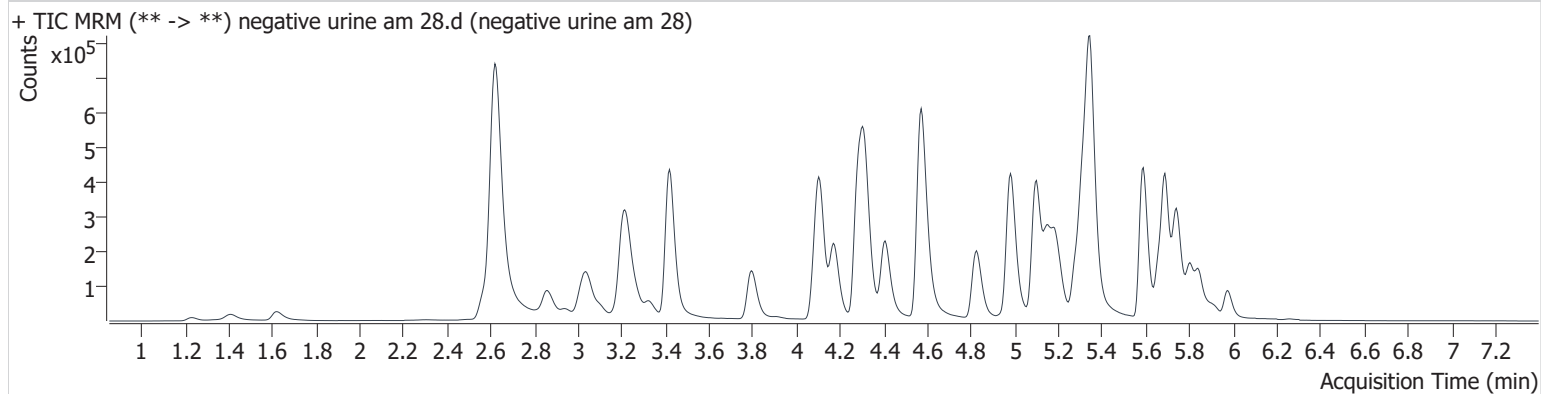


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 AM

Instrument	69679	Data File	negative urine am 28.d
Type	Sample	Sample	negative urine am 28
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-H7	Comment	
Injection Volume	3		
Acq. Date-Time	10/7/2021 10:56:43 PM		
Sample Info.			

Sample Chromatogram

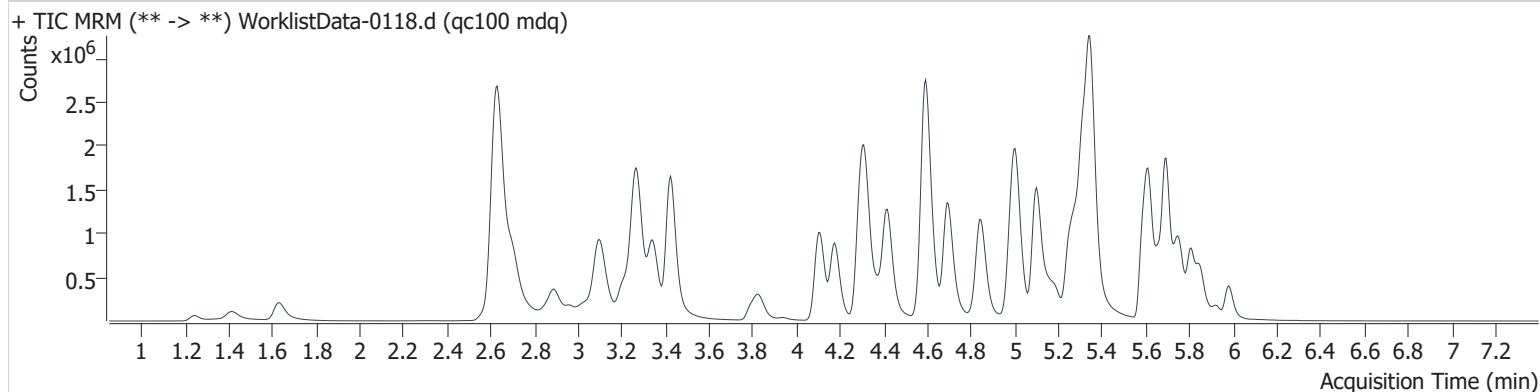


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 AM

Instrument	69679	Data File	WorklistData-0118.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	10/7/2021 11:50:49 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	28257	∞	140.2	35369.7	71785	10.614 ng/ml
7-aminoclonazepam	4.323	156125	6628.9	73.1	∞	82127	118.103 ng/ml
a-hydroxyalprazolam	5.734	37232	1189.6	55.1	2364.7	212158	111.653 ng/ml
alpha-PHP	4.992	1327627	∞	40.5	16541.7	392530	120.819 ng/ml
alpha-PVP	4.418	1995538	267235.1	53.1	87927.7	759530	109.729 ng/ml
Alprazolam	5.807	682733	3455.6	91.6	14172.6	212158	110.671 ng/ml
Amphetamine	3.103	2213664	132667.7	40.4	122321.1	392530	118.490 ng/ml
Benzoylcegonine	3.942	35108	∞	52.2	3408.4	10596	123.513 ng/ml
Buprenorphine	5.919	32401	686.7	16.2	1049.7	113297	12.283 ng/ml
Bupropion	4.847	1926351	4484582.9	70.8	33376.1	776217	112.193 ng/ml
Carisoprodol	5.763	492879	1294481.7	55.8	∞	174043	114.161 ng/ml
Citalopram	5.280	1307891	52638.9	39.5	428219.0	500112	117.260 ng/ml
Clonazepam	5.651	60831	65399.3	36.3	157657.8	10769	117.072 ng/ml
Clonazepam	5.597	128509	∞	37.1	224283.0	212158	120.276 ng/ml
Cocaine	4.317	1338551	∞	50.4	308528.0	1022247	110.152 ng/ml
Codeine	2.634	146598	∞	92.8	60560.5	68935	116.316 ng/ml
Cyclobenzaprine	5.663	1109009	1888709.3	8.7	173820.6	340013	111.050 ng/ml
Dextromethorphan	5.324	893618	242099.6	75.2	28315.3	397130	110.936 ng/ml
Dextrorphan	4.175	1359720	236314.1	44.4	483382.2	648853	114.778 ng/ml
Diazepam	5.980	446209	6256.2	85.0	5543.0	191401	116.083 ng/ml
Dihydrocodeine	2.603	456410	1707.1	63.0	1046.9	289164	111.605 ng/ml
Diphenhydramine	5.351	4160917	124415.7	30.9	∞	1893866	108.968 ng/ml
Doxylamine	4.592	4723926	182161.1	77.9	226243.1	1643809	113.107 ng/ml
EDDP	5.313	2071413	236902.5	43.2	∞	945962	111.984 ng/ml
Etizolam	5.842	401024	∞	23.5	∞	212158	112.741 ng/ml
Fentanyl	5.165	132333	∞	121.8	730733.1	621990	11.375 ng/ml
Flualprazolam	5.739	282514	5718.2	93.3	22092.4	212158	115.363 ng/ml
Fluoxetine	5.745	635600	2038770.1	7.6	65940.2	227045	111.408 ng/ml
Hydrocodone	3.075	573181	∞	36.1	∞	295514	115.773 ng/ml
Hydromorphone	1.633	432838	∞	74.7	∞	128986	116.641 ng/ml
Ketamine	4.104	1319591	2625977.2	37.5	1173687701 6322.0	626930	116.208 ng/ml
Lamotrigine	4.345	104015	63259.8	88.4	5174.4	207662	124.028 ng/ml



AM #28 Multi-Drug Quant. Results

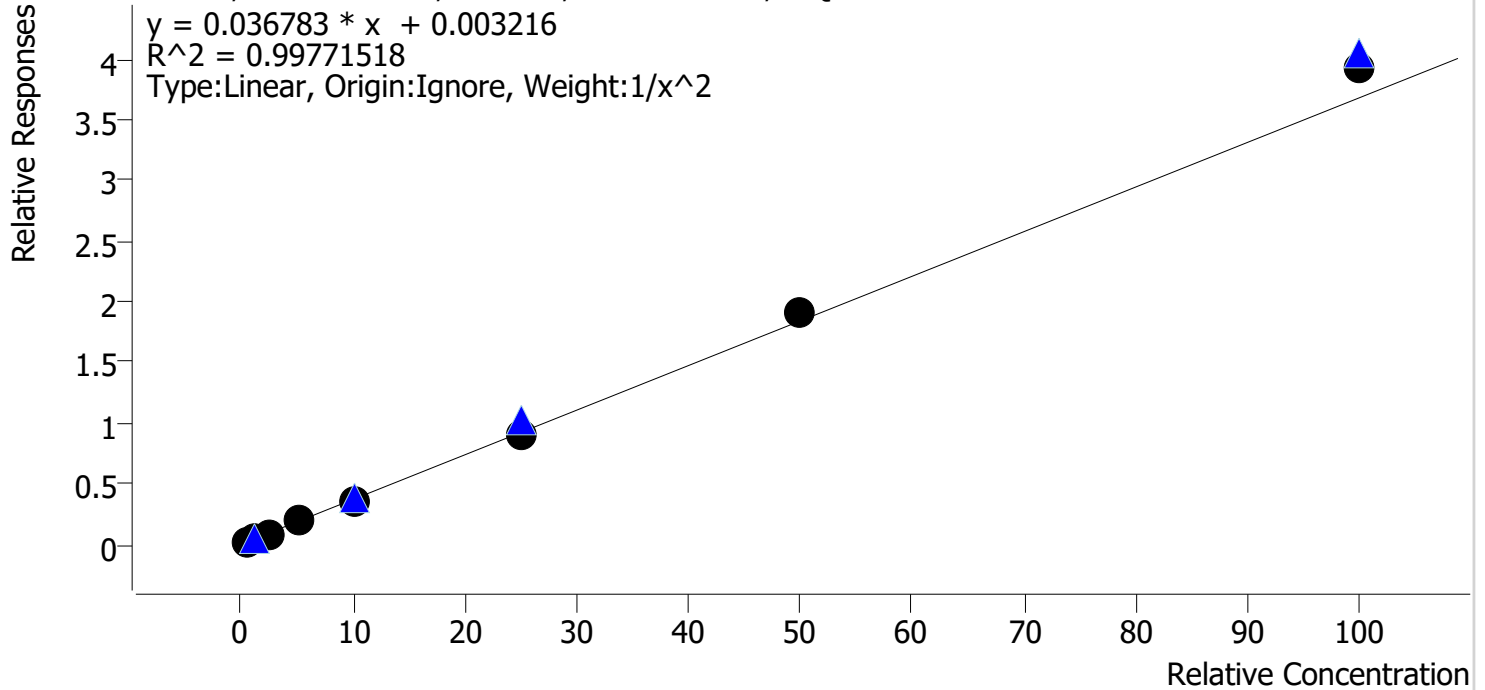
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.702	496948	12080.5	225.5	39872.2	565147	116.515 ng/ml
Lorazepam	5.781	45173	∞	50.6	∞	23392	106.250 ng/ml
MDA	3.251	1038997	46574.7	27.8	10799.8	312159	111.839 ng/ml
MDMA	3.343	1320837	17437083.3	96.0	∞	131186	111.043 ng/ml
Meprobamate	4.967	128685	393973.9	29.6	7353.9	41376	116.024 ng/ml
Methadone	5.692	2283636	260912.5	54.1	232986.6	935724	109.808 ng/ml
Methamphetamine	3.272	2752543	30389.4	40.5	14882.5	1174233	116.549 ng/ml
Metoprolol	4.375	365130	∞	100.7	∞	312159	124.487 ng/ml
Mirtazapine	4.691	2832146	1293296.5	48.0	∞	935724	114.003 ng/ml
Mitragynine	5.300	461632	111455.2	32.6	∞	2978207	115.702 ng/ml
Morphine	1.246	73237	11967.1	19.5	1162.6	8156	115.034 ng/ml
Norbuprenorphine	5.056	2944	812.3	104.5	94444.5	14584	11.758 ng/ml
Nordiazepam	5.929	143767	∞	60.4	∞	42779	115.796 ng/ml
Norfentanyl	4.135	97830	25789.4	38.3	199340.9	989518	10.542 ng/ml
Norhydrocodone	3.121	53231	∞	27.7	∞	90101	108.636 ng/ml
Noroxycodone	2.967	318915	∞	46.6	∞	98652	112.724 ng/ml
O-desmethyl-tramadol	3.424	3481204	352036.4	6.0	94091.2	1601662	110.324 ng/ml
Oxazepam	5.788	57711	32896.9	71.1	1136.0	23392	110.790 ng/ml
Oxycodone	2.889	996801	∞	29.5	∞	374428	112.099 ng/ml
Oxymorphone	1.414	323024	∞	44.6	∞	105291	112.518 ng/ml
Phentermine	3.832	493917	1937.8	9.0	∞	565147	121.502 ng/ml
Promethazine	5.590	1507046	3343601.8	39.5	57179.3	684058	110.626 ng/ml
Pseudoephedrine	2.631	6785474	∞	24.3	∞	2978207	111.104 ng/ml
Quetiapine	5.613	2023830	∞	63.2	∞	256699	114.503 ng/ml
Sertraline	5.813	157876	380069.6	96.1	977939.8	57559	108.774 ng/ml
Temazepam	5.855	469245	∞	28.7	∞	207662	107.759 ng/ml
Tramadol	4.298	3165673	46113.8	3.5	2648.2	1438059	112.675 ng/ml
Trazodone	5.248	1622017	∞	81.0	∞	629825	116.268 ng/ml
Venlafaxine	5.100	2439810	232921.5	38.5	11192.6	1465110	105.413 ng/ml
Zolpidem	5.006	3224602	1207305.5	28.5	∞	1427944	112.986 ng/ml

Compound Calibration Report



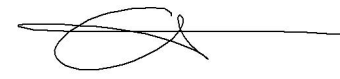
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Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



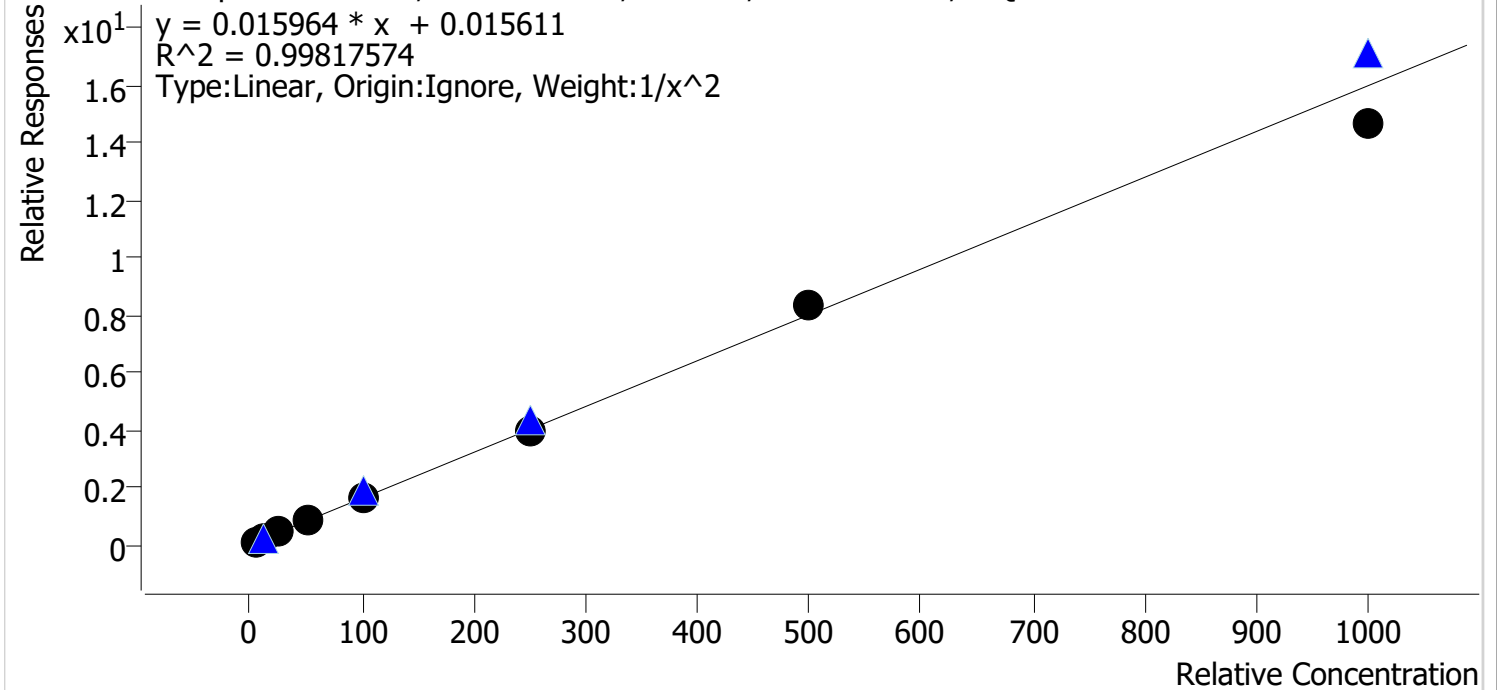
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	102.1
cal 2 mdq	2	✓	1.0	1.0	97.8
cal 3 mdq	3	✓	2.5	2.4	95.3
cal 4 mdq	4	✓	5.0	5.1	101.5
cal 5 mdq	5	✓	10.0	9.5	95.4
cal 6 mdq	6	✓	25.0	24.4	97.5
cal 7 mdq	7	✓	50.0	51.8	103.7
cal 8 mdq	8	✓	100.0	106.8	106.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



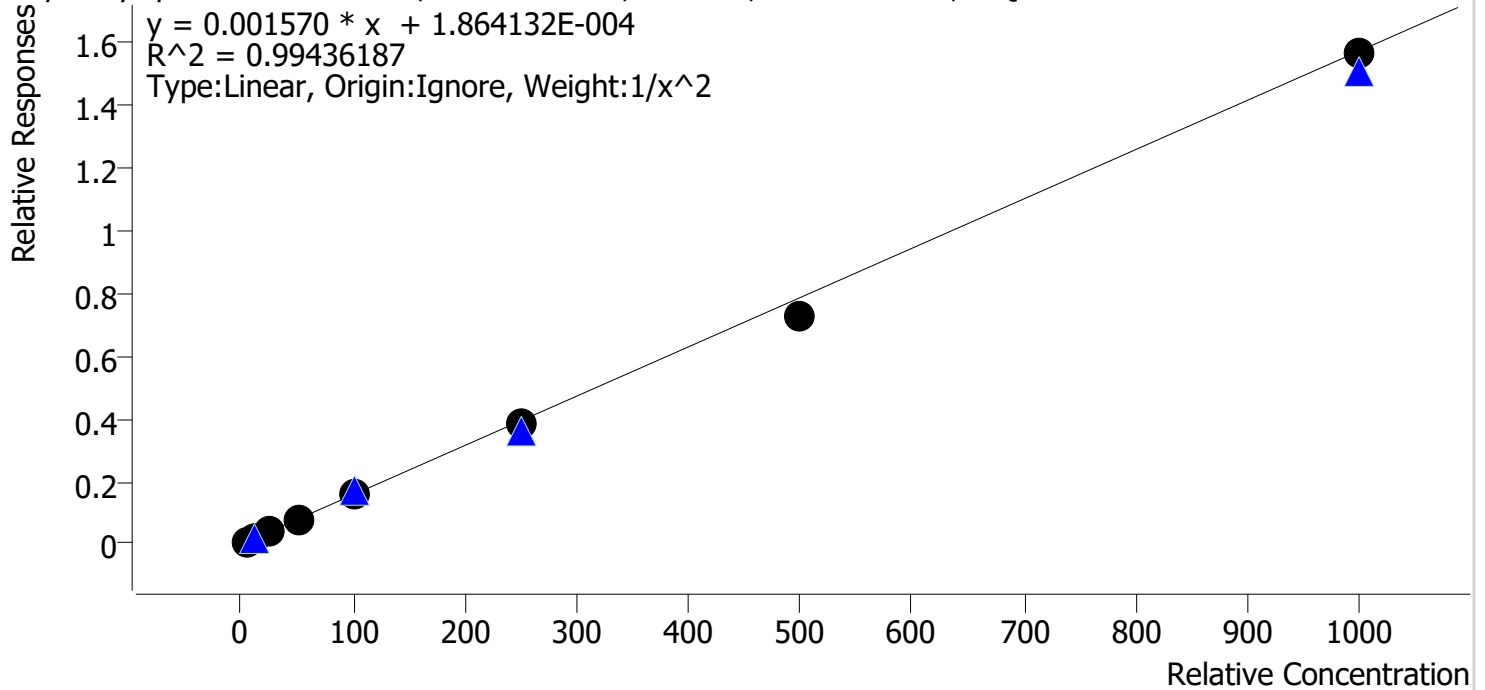
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	51.6	103.3
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	247.0	98.8
cal 7 mdq	7	✓	500.0	518.0	103.6
cal 8 mdq	8	✓	1000.0	921.5	92.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



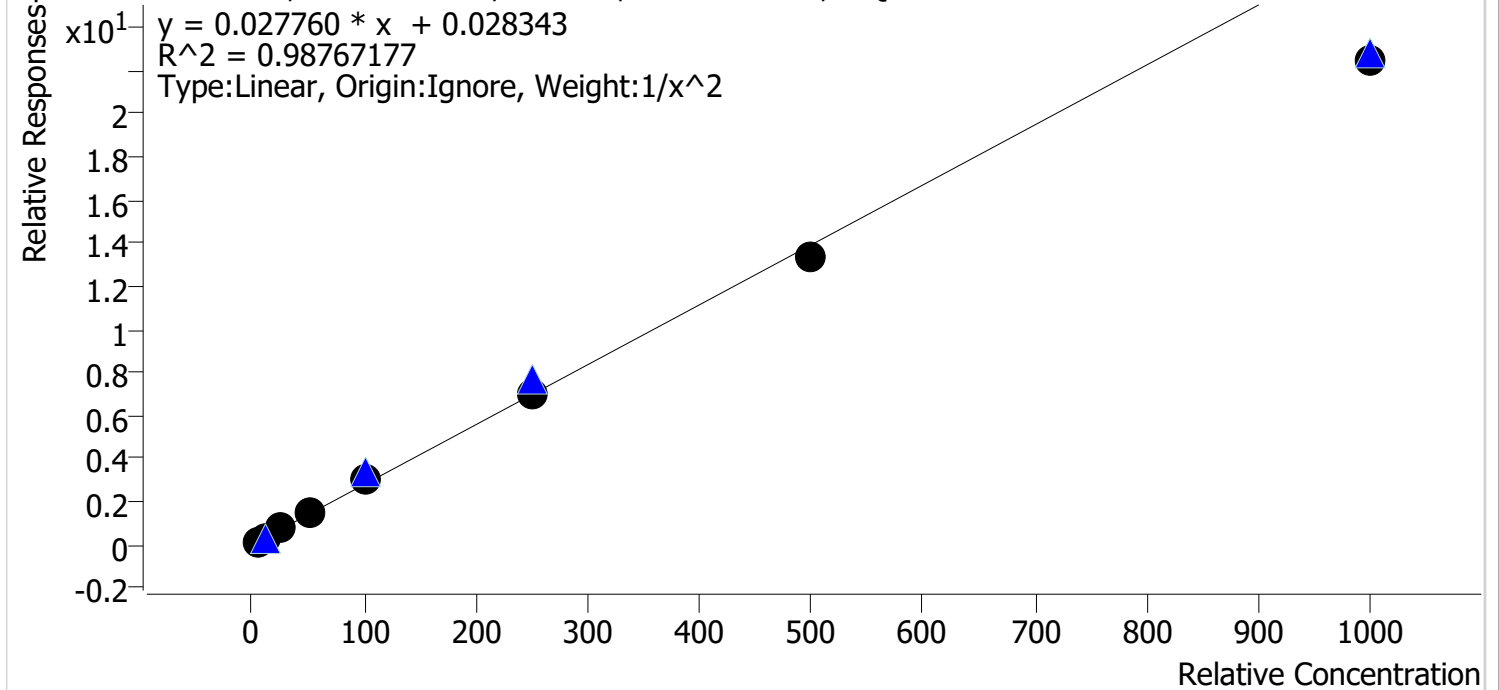
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.4
cal 2 mdq	2	✓	10.0	11.4	113.7
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	50.8	101.5
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	244.5	97.8
cal 7 mdq	7	✓	500.0	465.6	93.1
cal 8 mdq	8	✓	1000.0	994.8	99.5

Compound Calibration Report



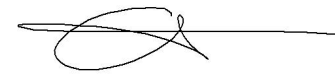
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** Amphetamine-D11

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

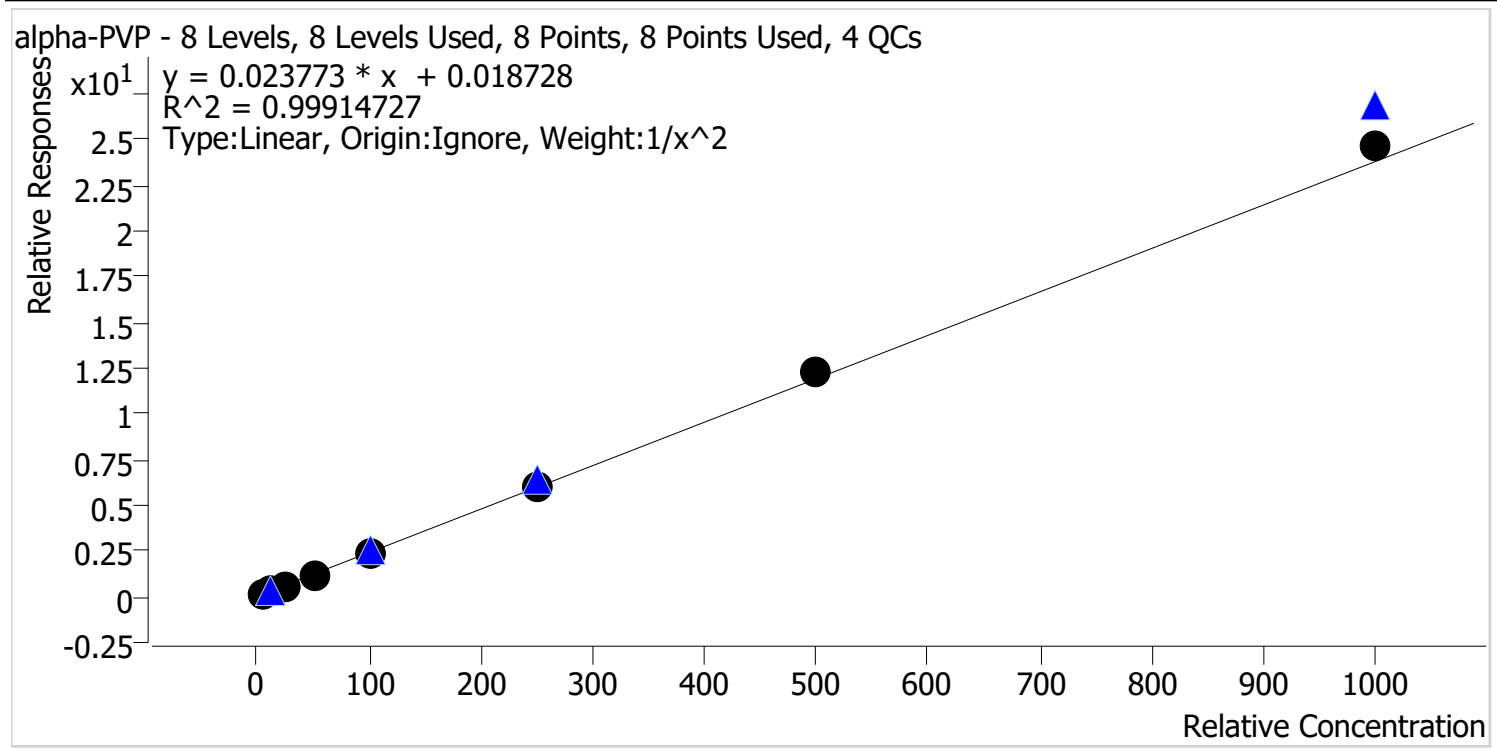


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.7
cal 2 mdq	2	✓	10.0	10.8	108.0
cal 3 mdq	3	✓	25.0	26.4	105.6
cal 4 mdq	4	✓	50.0	54.8	109.5
cal 5 mdq	5	✓	100.0	106.6	106.6
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	477.0	95.4
cal 8 mdq	8	✓	1000.0	808.2	80.8

Compound Calibration Report

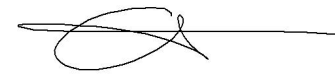


Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

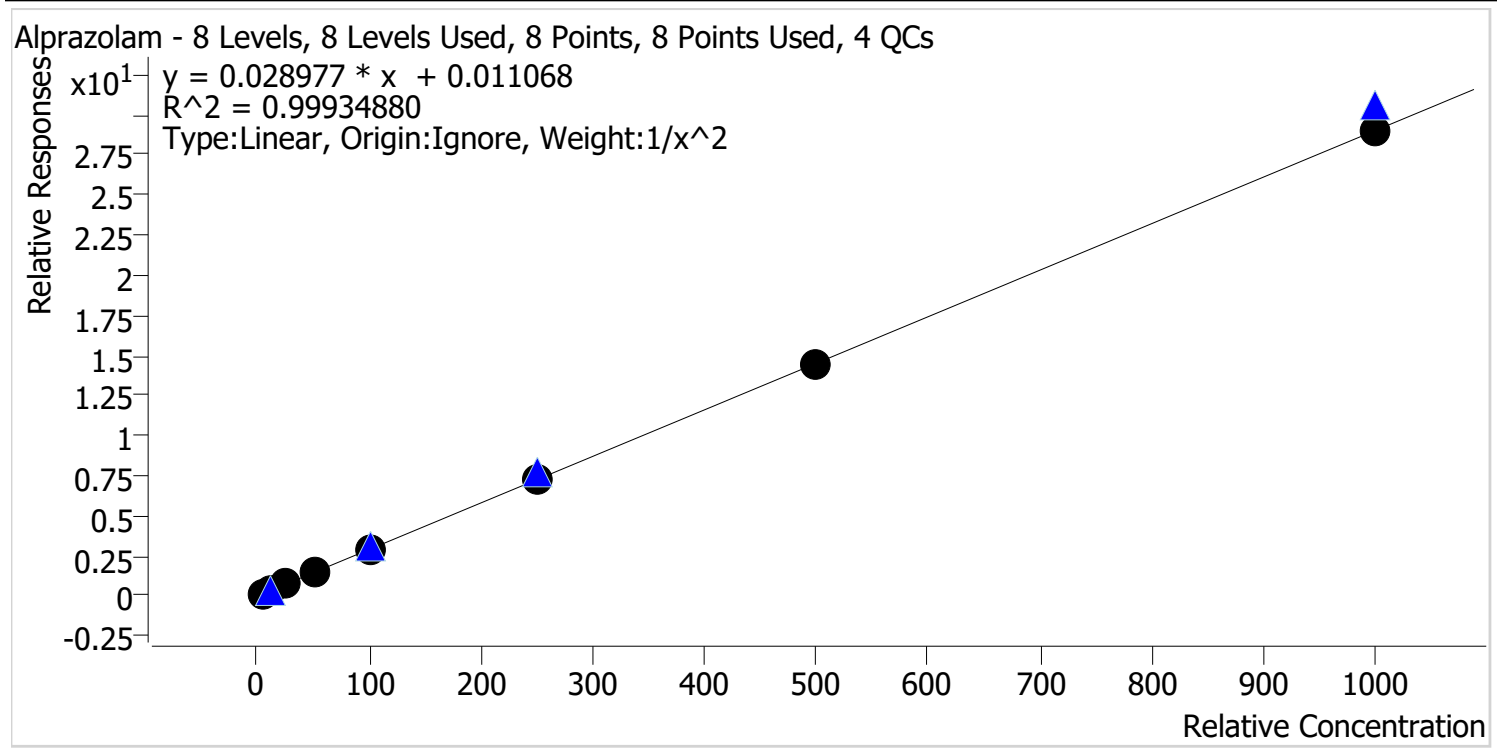


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.9	99.5
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	247.1	98.8
cal 7 mdq	7	✓	500.0	517.2	103.4
cal 8 mdq	8	✓	1000.0	1038.8	103.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



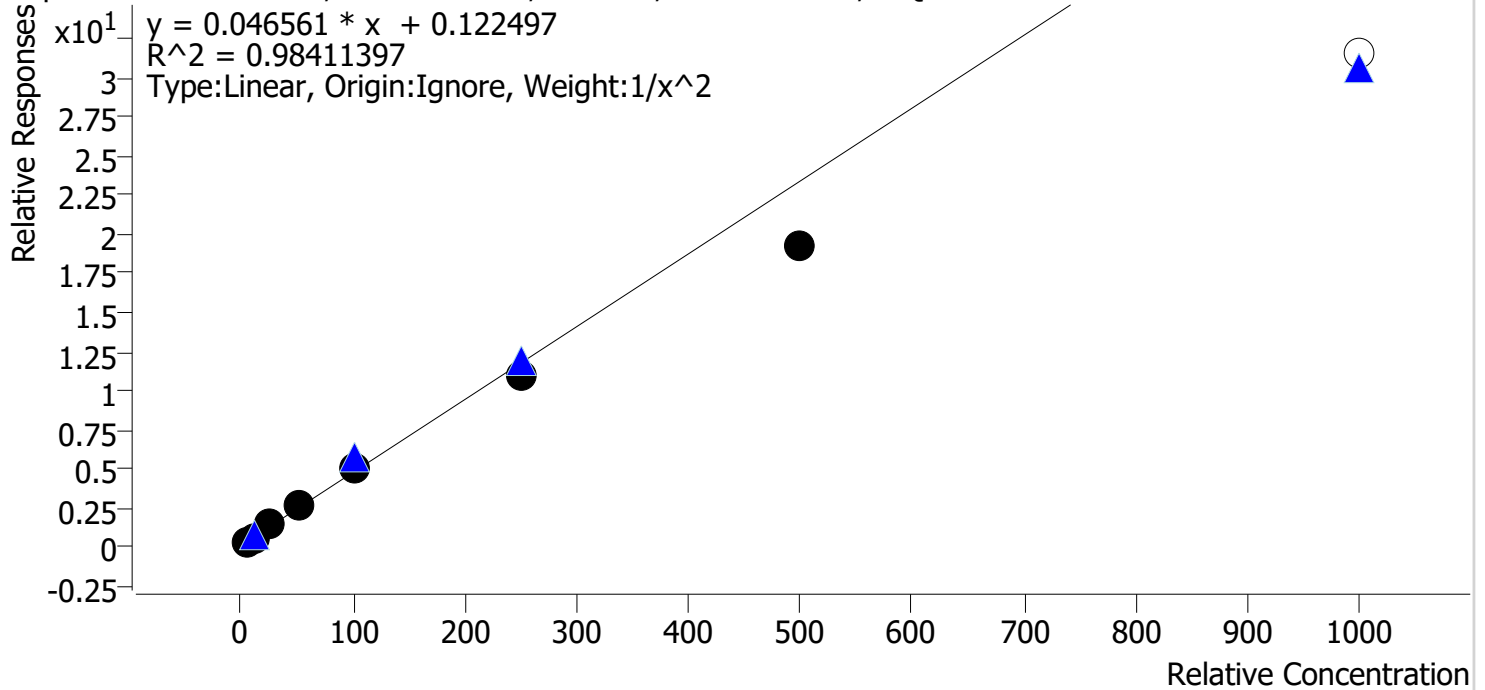
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.5	104.5
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	49.8	99.7
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	249.9	100.0
cal 7 mdq	7	✓	500.0	501.0	100.2
cal 8 mdq	8	✓	1000.0	997.6	99.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 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	93.0
cal 2 mdq	2	✓	10.0	10.8	108.0
cal 3 mdq	3	✓	25.0	27.8	111.1
cal 4 mdq	4	✓	50.0	54.1	108.2
cal 5 mdq	5	✓	100.0	104.5	104.5
cal 6 mdq	6	✓	250.0	232.3	92.9
cal 7 mdq	7	✓	500.0	411.0	82.2
cal 8 mdq	8	✗	1000.0	674.9	67.5

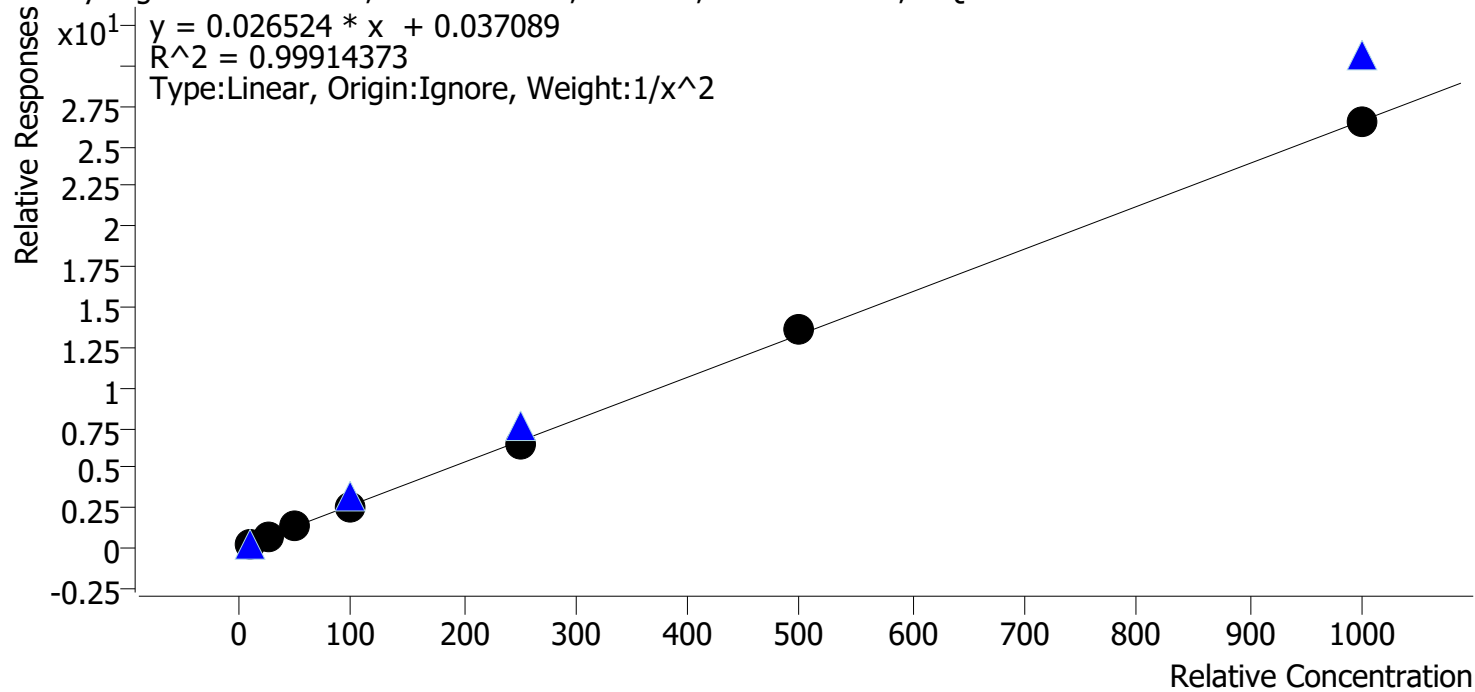
Cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

Benzoylecgonine - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2 mdq	2	✓	10.0	9.9	99.5
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	51.9	103.7
cal 5 mdq	5	✓	100.0	97.2	97.2
cal 6 mdq	6	✓	250.0	243.0	97.2
cal 7 mdq	7	✓	500.0	513.6	102.7
cal 8 mdq	8	✓	1000.0	993.6	99.4

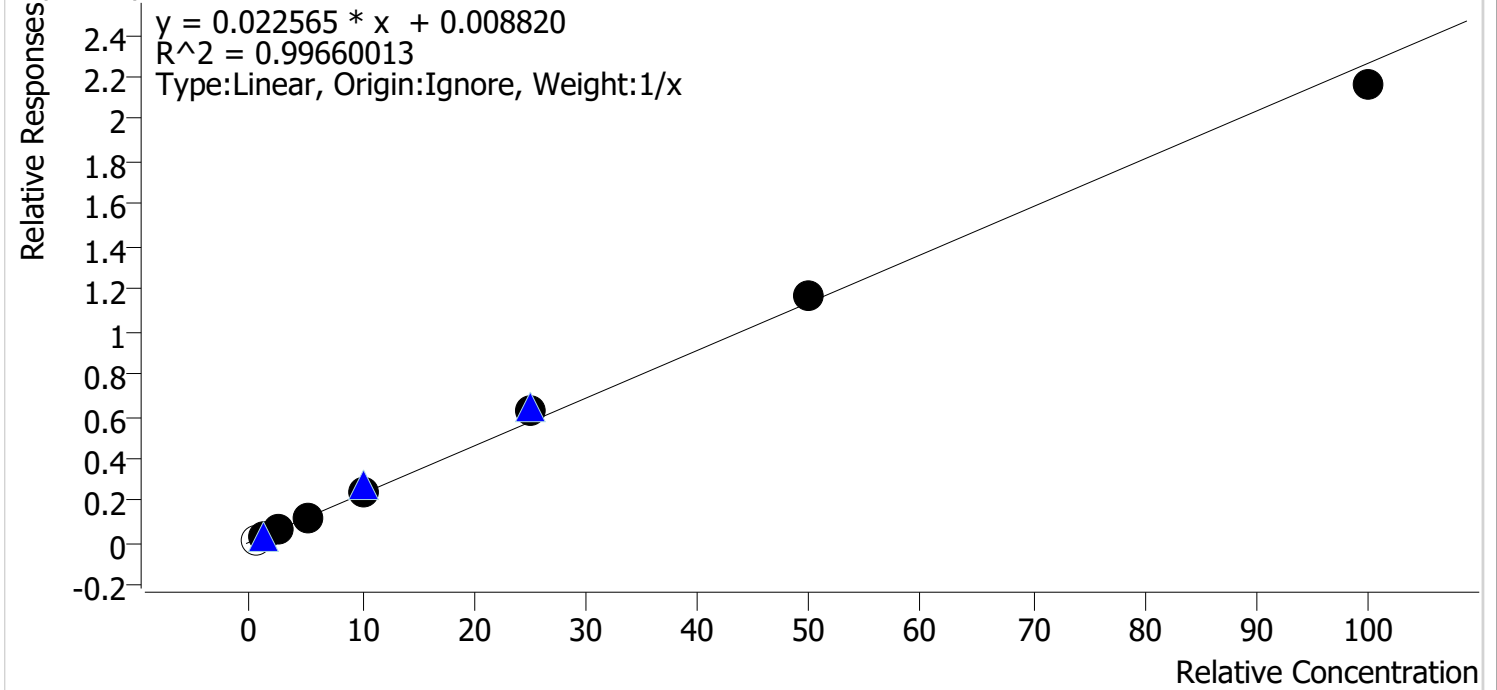
Cal 1 dropped ratio out of range

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

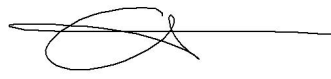
Buprenorphine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



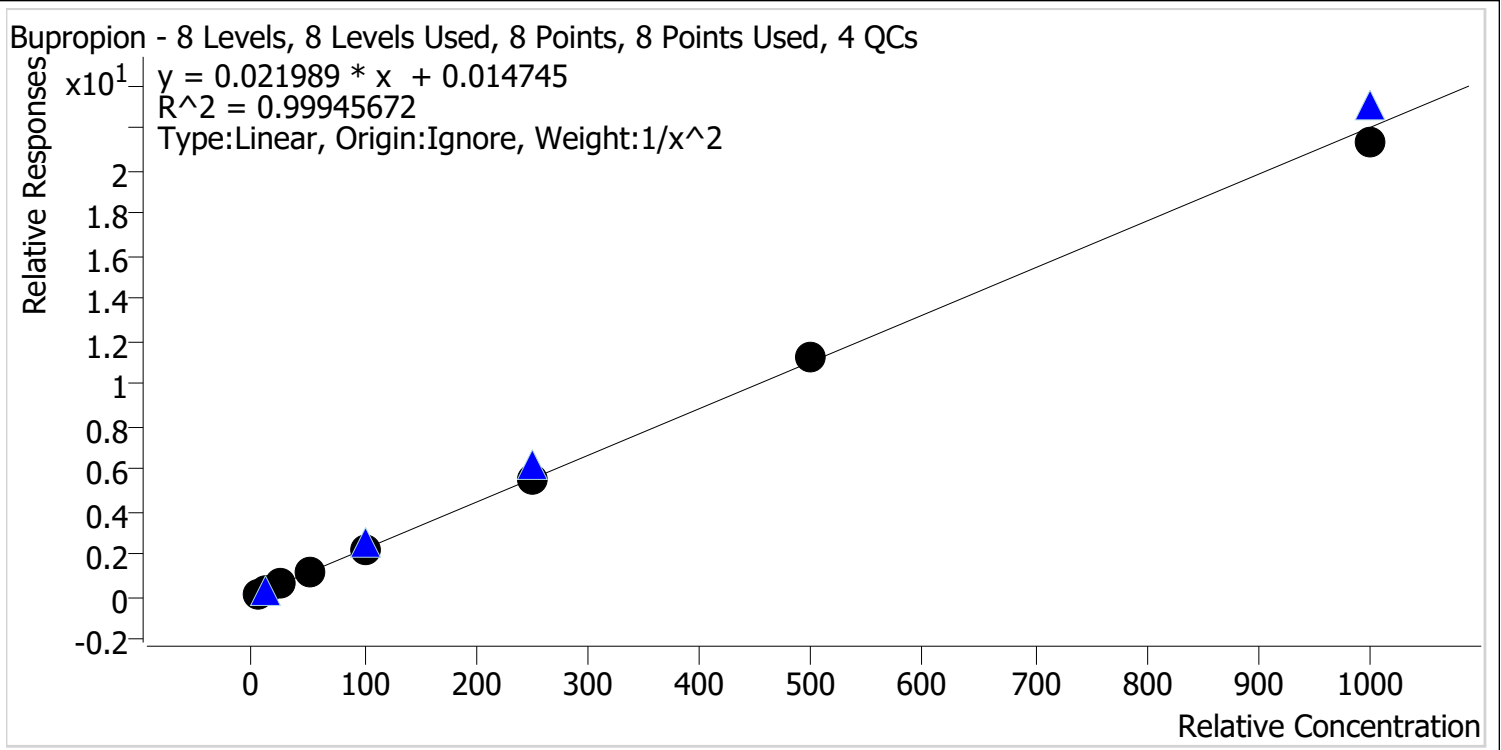
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.4	84.4
cal 2 mdq	2	✓	1.0	0.9	92.8
cal 3 mdq	3	✓	2.5	2.4	95.5
cal 4 mdq	4	✓	5.0	4.8	95.9
cal 5 mdq	5	✓	10.0	10.7	106.9
cal 6 mdq	6	✓	25.0	27.6	110.3
cal 7 mdq	7	✓	50.0	51.5	103.0
cal 8 mdq	8	✓	100.0	95.6	95.6

cal 1 dropped ratio out of range

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



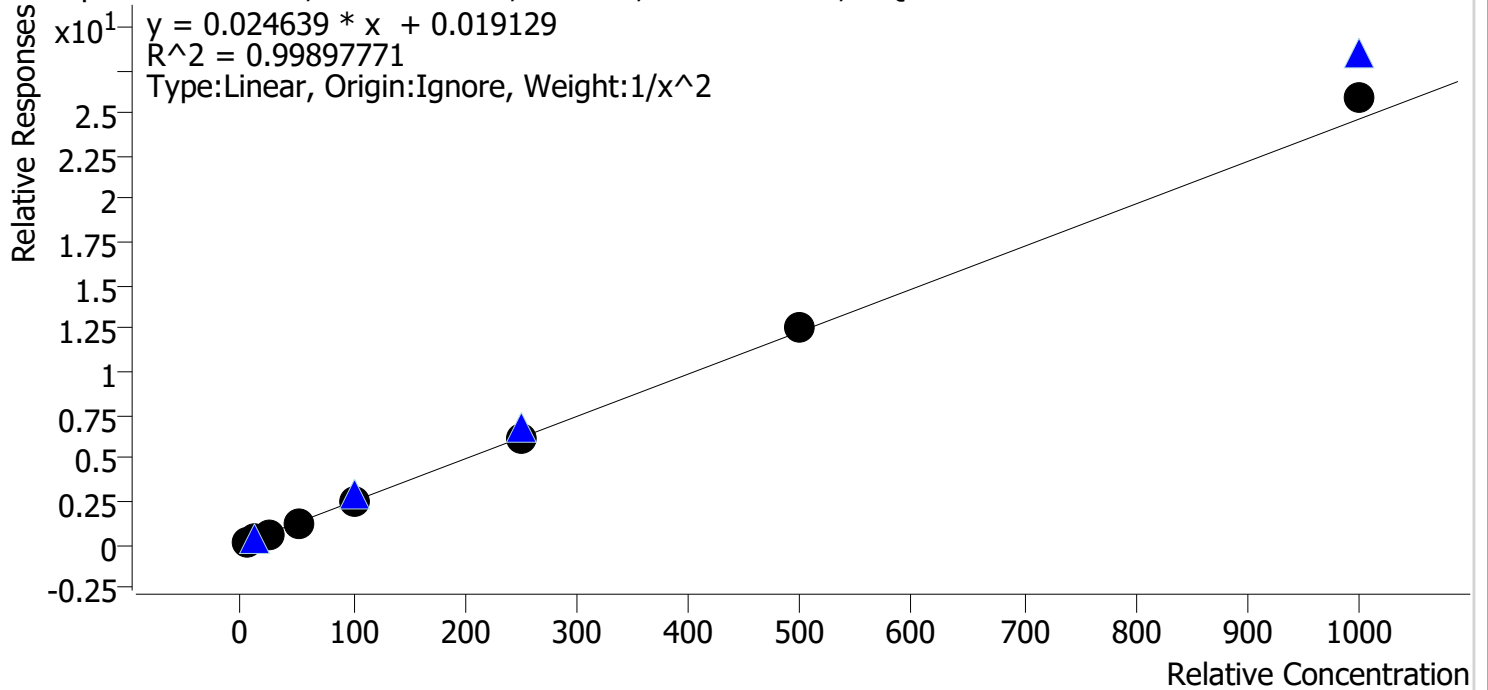
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	99.0
cal 2 mdq	2	✓	10.0	10.3	102.6
cal 3 mdq	3	✓	25.0	24.7	98.6
cal 4 mdq	4	✓	50.0	50.1	100.3
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	511.9	102.4
cal 8 mdq	8	✓	1000.0	965.2	96.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



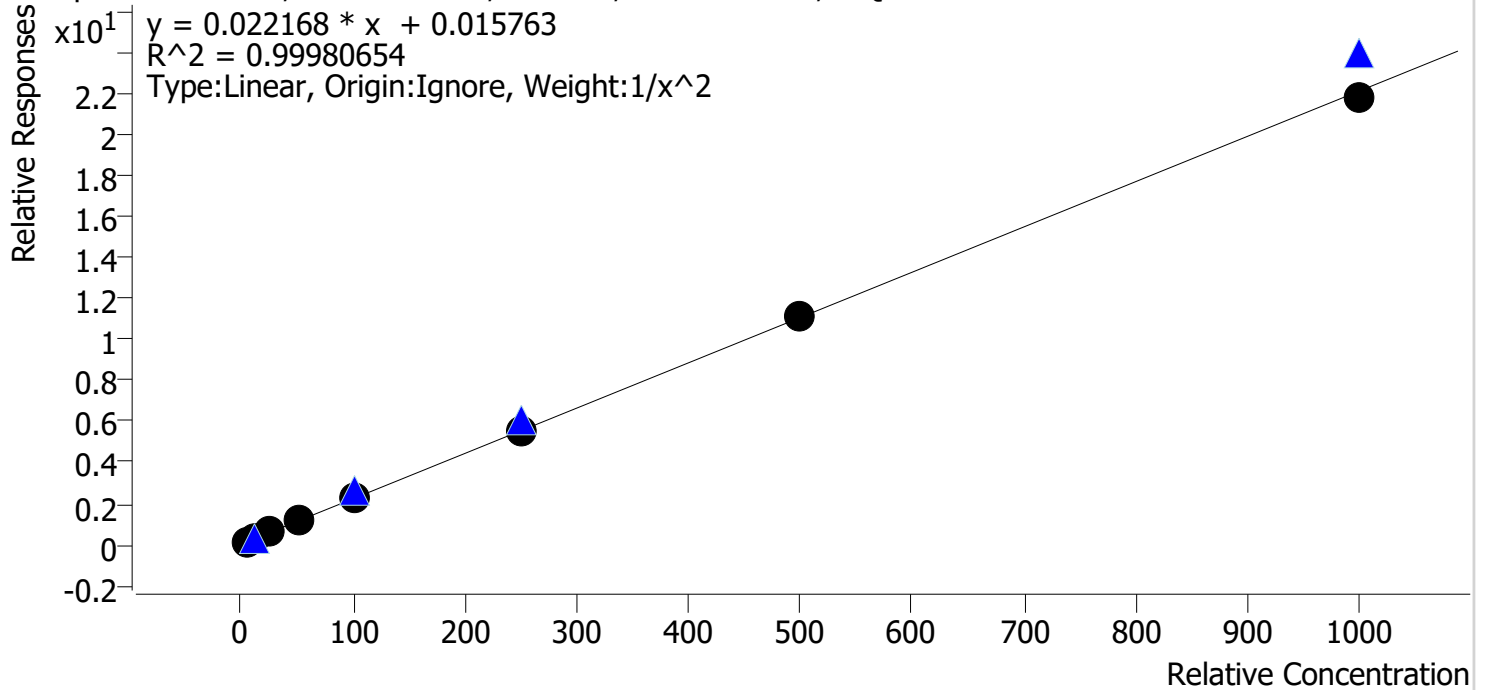
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.7	96.9
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	244.6	97.9
cal 7 mdq	7	✓	500.0	510.3	102.1
cal 8 mdq	8	✓	1000.0	1051.0	105.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



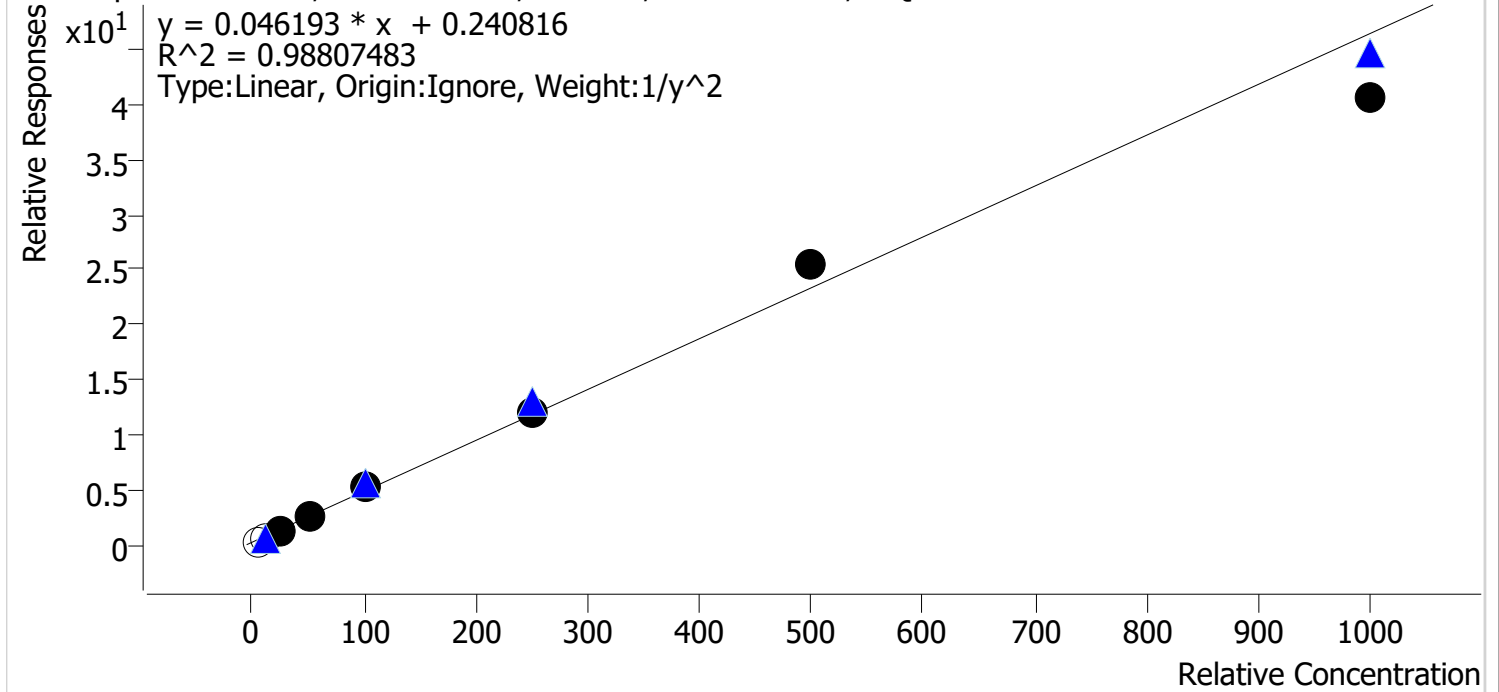
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	25.4	101.8
cal 4 mdq	4	✓	50.0	50.4	100.9
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	247.6	99.0
cal 7 mdq	7	✓	500.0	506.9	101.4
cal 8 mdq	8	✓	1000.0	985.8	98.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	0.7	14.9
cal 2 mdq	2	x	10.0	4.8	48.2
cal 3 mdq	3	✓	25.0	23.7	94.8
cal 4 mdq	4	✓	50.0	53.5	106.9
cal 5 mdq	5	✓	100.0	105.4	105.4
cal 6 mdq	6	✓	250.0	257.7	103.1
cal 7 mdq	7	✓	500.0	549.3	109.9
cal 8 mdq	8	✓	1000.0	873.5	87.4

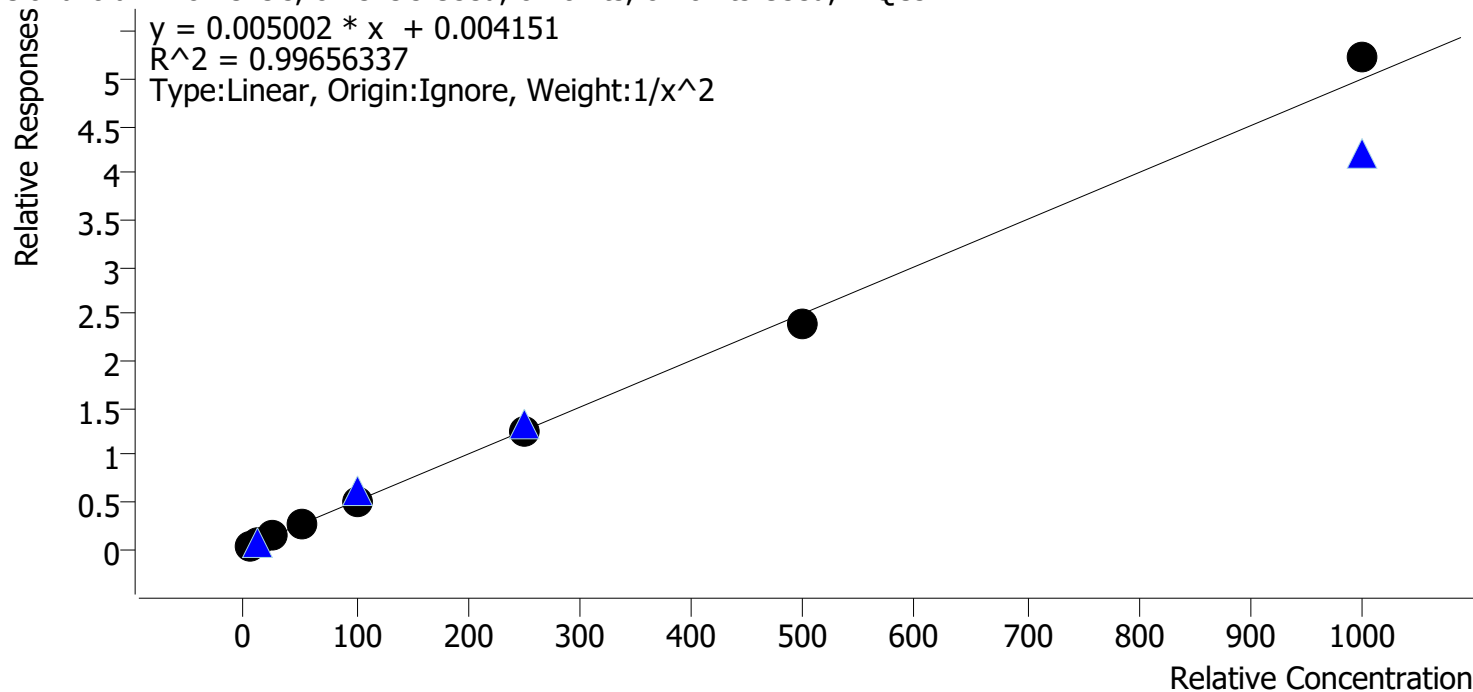
Cal 1 and 2 dropped ratio for cal 2 out of range.

Compound Calibration Report



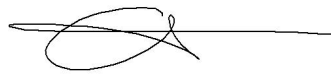
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Alprazolam-D5

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



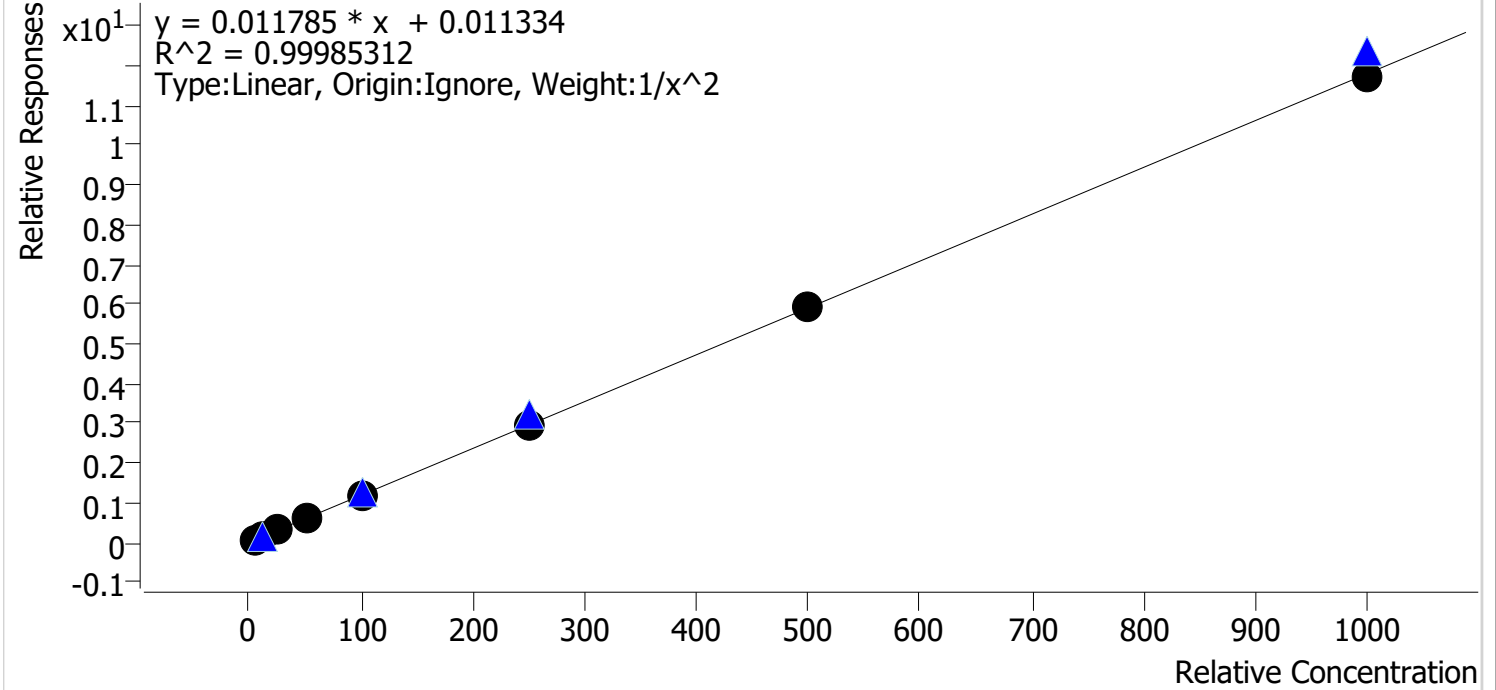
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.7
cal 2 mdq	2	✓	10.0	11.0	109.8
cal 3 mdq	3	✓	25.0	25.1	100.2
cal 4 mdq	4	✓	50.0	47.3	94.5
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	481.4	96.3
cal 8 mdq	8	✓	1000.0	1045.4	104.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



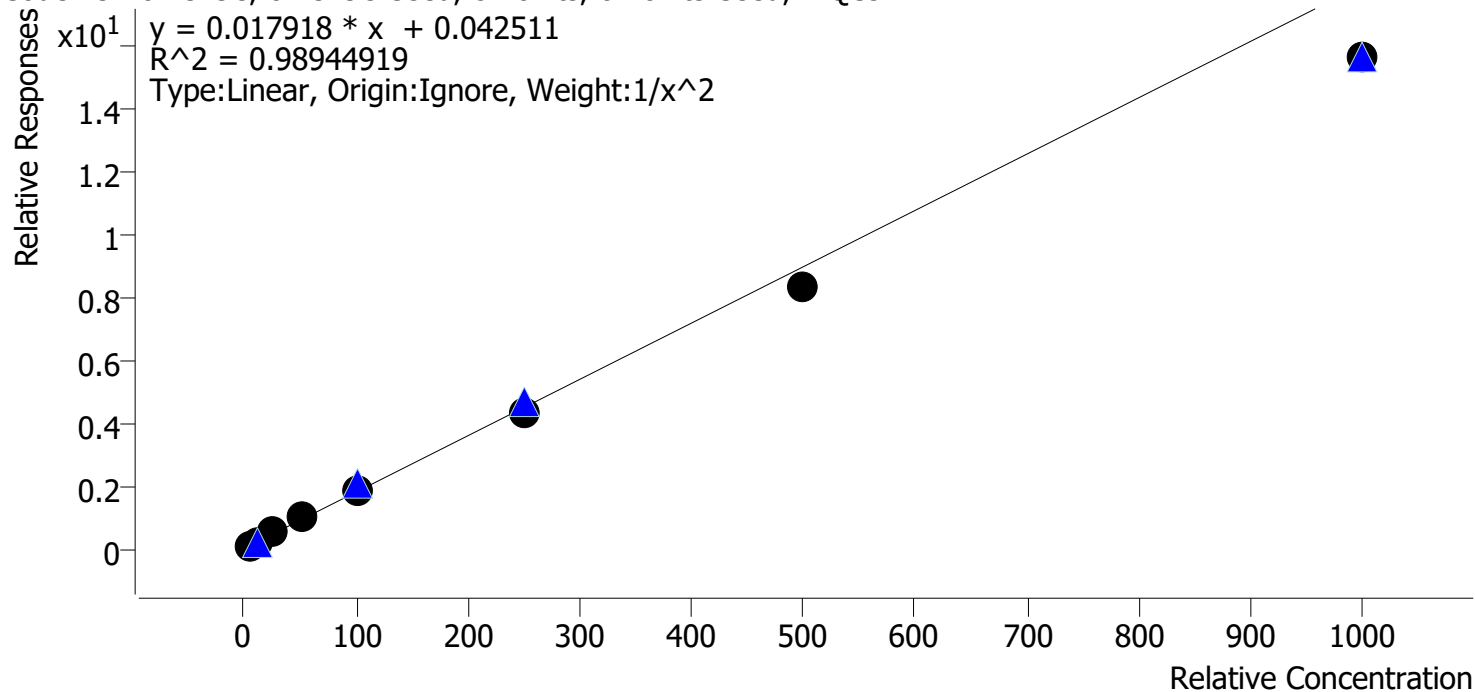
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	249.9	99.9
cal 7 mdq	7	✓	500.0	504.1	100.8
cal 8 mdq	8	✓	1000.0	992.3	99.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



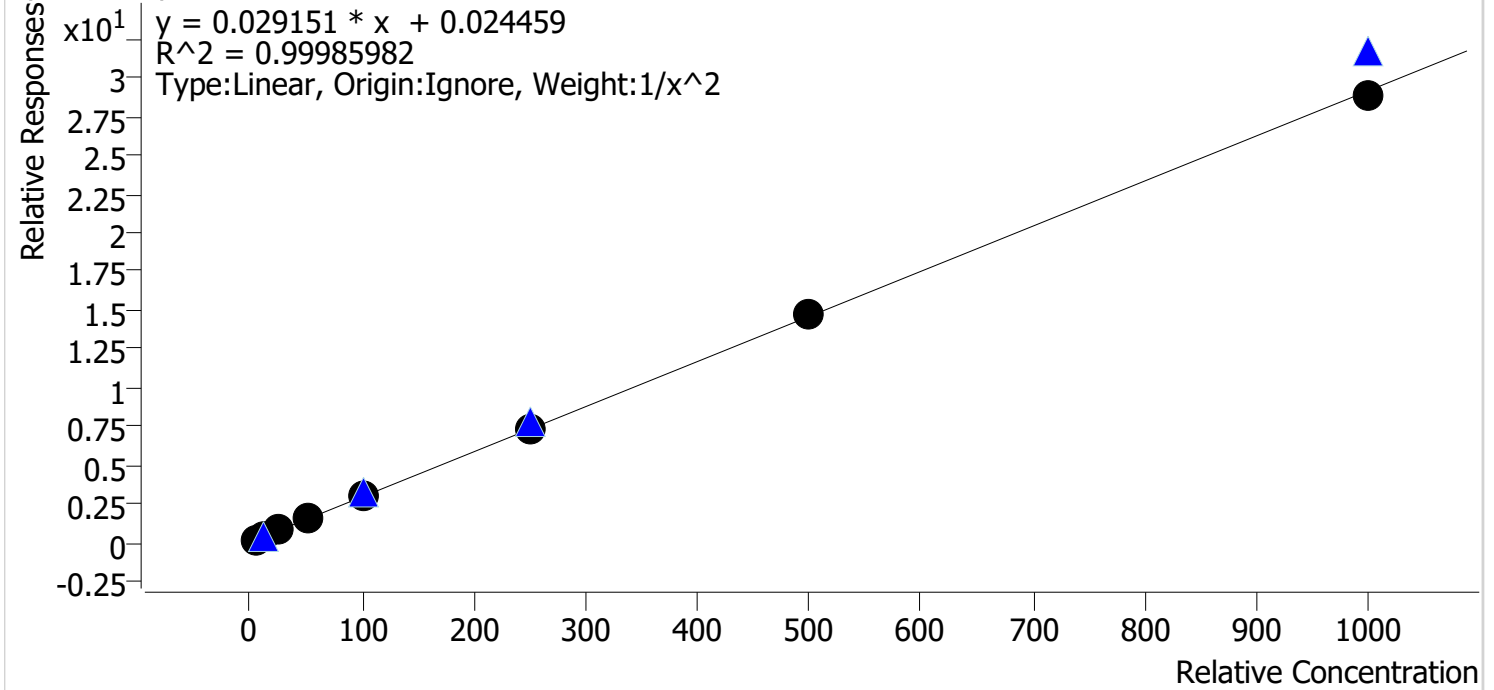
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	92.7
cal 2 mdq	2	✓	10.0	10.9	109.0
cal 3 mdq	3	✓	25.0	27.3	109.4
cal 4 mdq	4	✓	50.0	55.1	110.1
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	239.5	95.8
cal 7 mdq	7	✓	500.0	465.9	93.2
cal 8 mdq	8	✓	1000.0	871.4	87.1

Compound Calibration Report



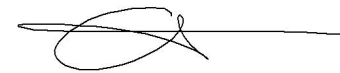
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



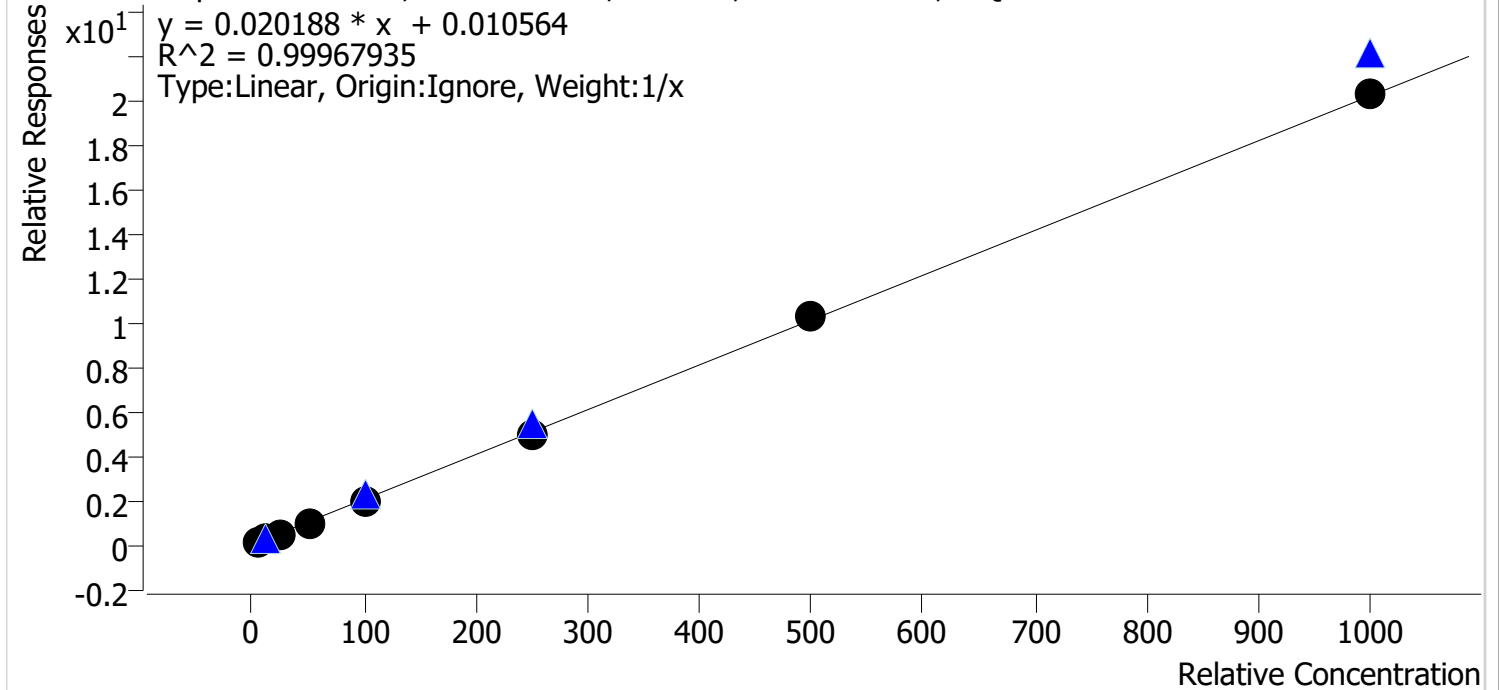
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	24.6	98.5
cal 4 mdq	4	✓	50.0	49.9	99.9
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	253.8	101.5
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	990.4	99.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



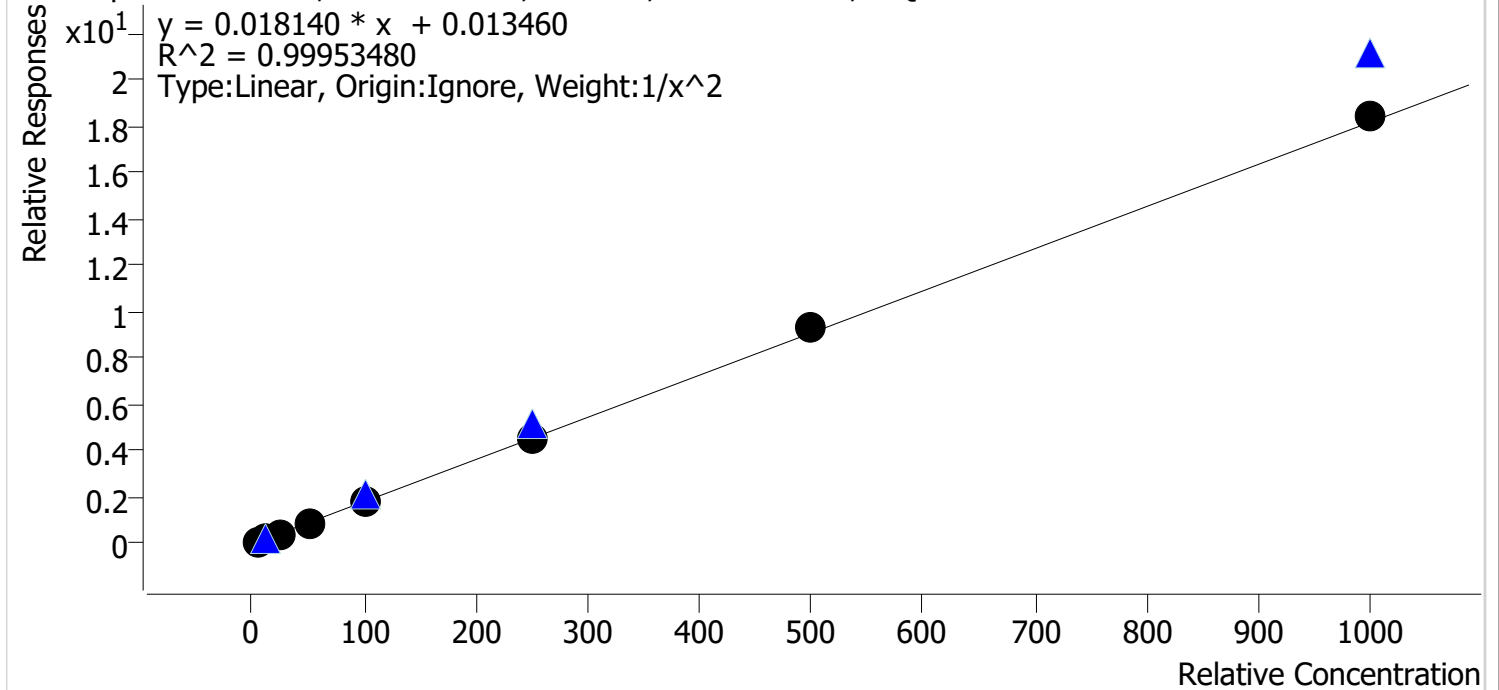
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.8
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	48.4	96.8
cal 5 mdq	5	✓	100.0	94.7	94.7
cal 6 mdq	6	✓	250.0	246.1	98.4
cal 7 mdq	7	✓	500.0	507.8	101.6
cal 8 mdq	8	✓	1000.0	1002.9	100.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



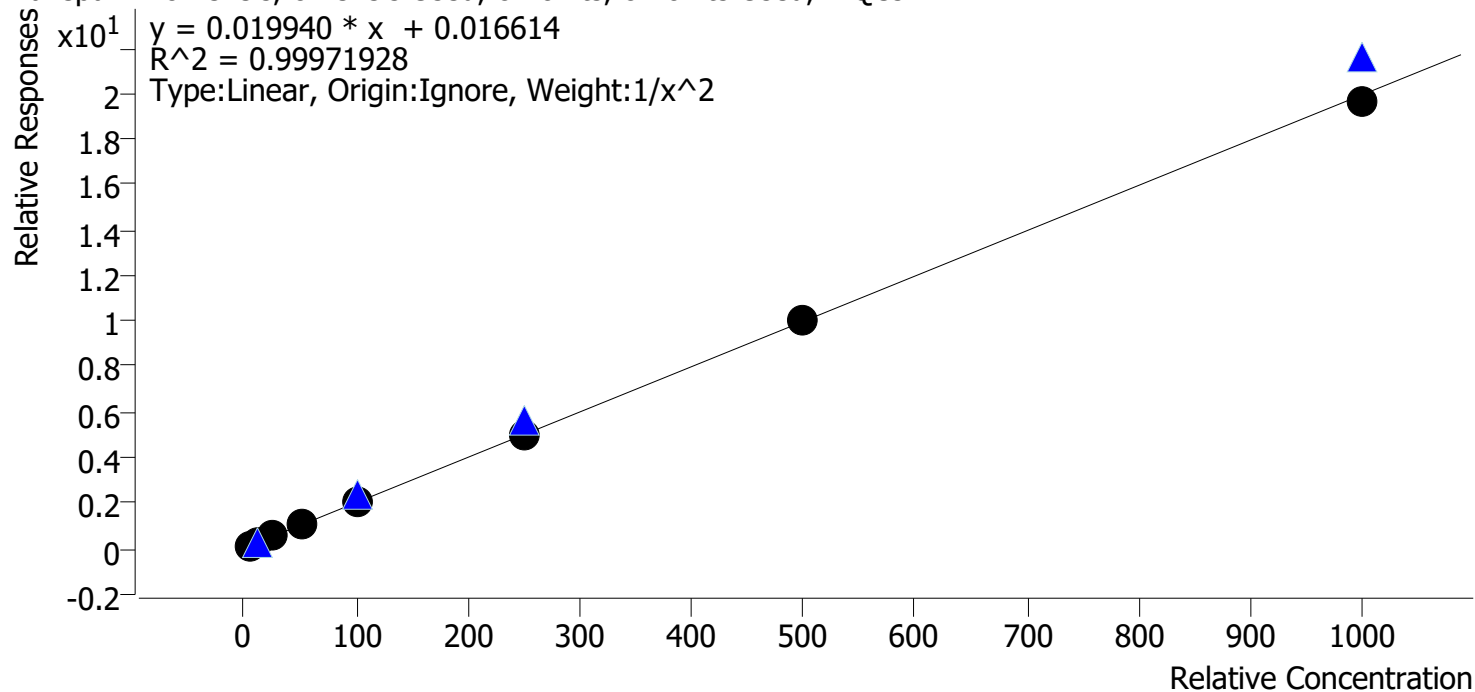
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	509.6	101.9
cal 8 mdq	8	✓	1000.0	1015.0	101.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



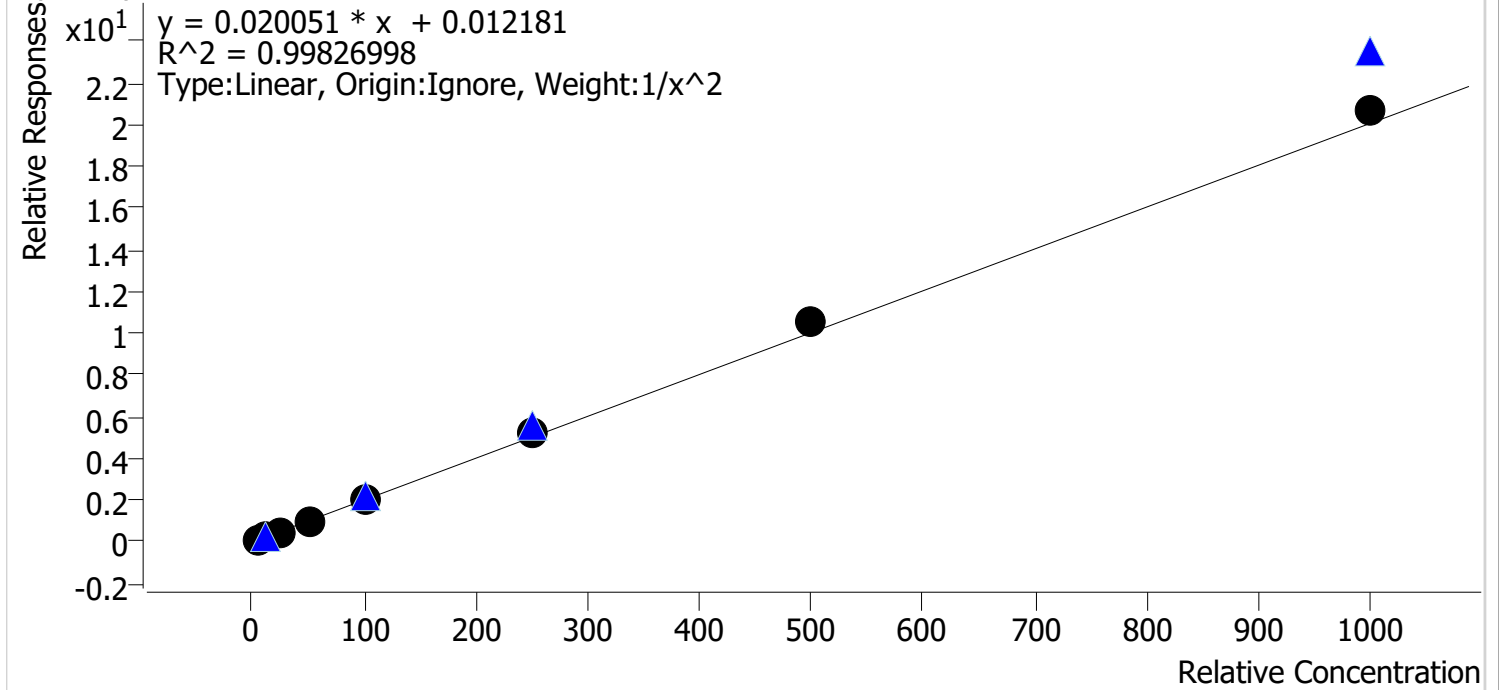
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	25.5	101.9
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	245.3	98.1
cal 7 mdq	7	✓	500.0	504.9	101.0
cal 8 mdq	8	✓	1000.0	988.0	98.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



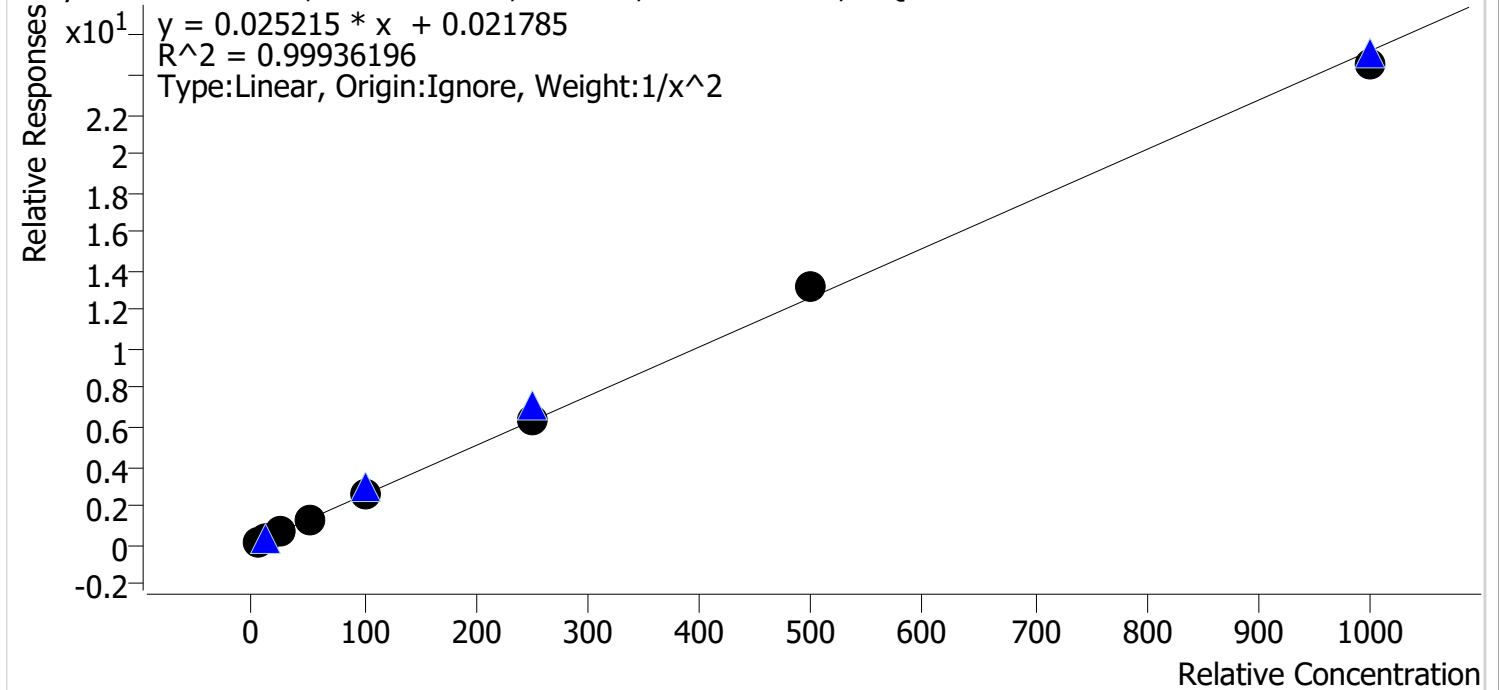
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.2
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	23.8	95.3
cal 4 mdq	4	✓	50.0	47.9	95.9
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	256.1	102.5
cal 7 mdq	7	✓	500.0	523.1	104.6
cal 8 mdq	8	✓	1000.0	1035.0	103.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



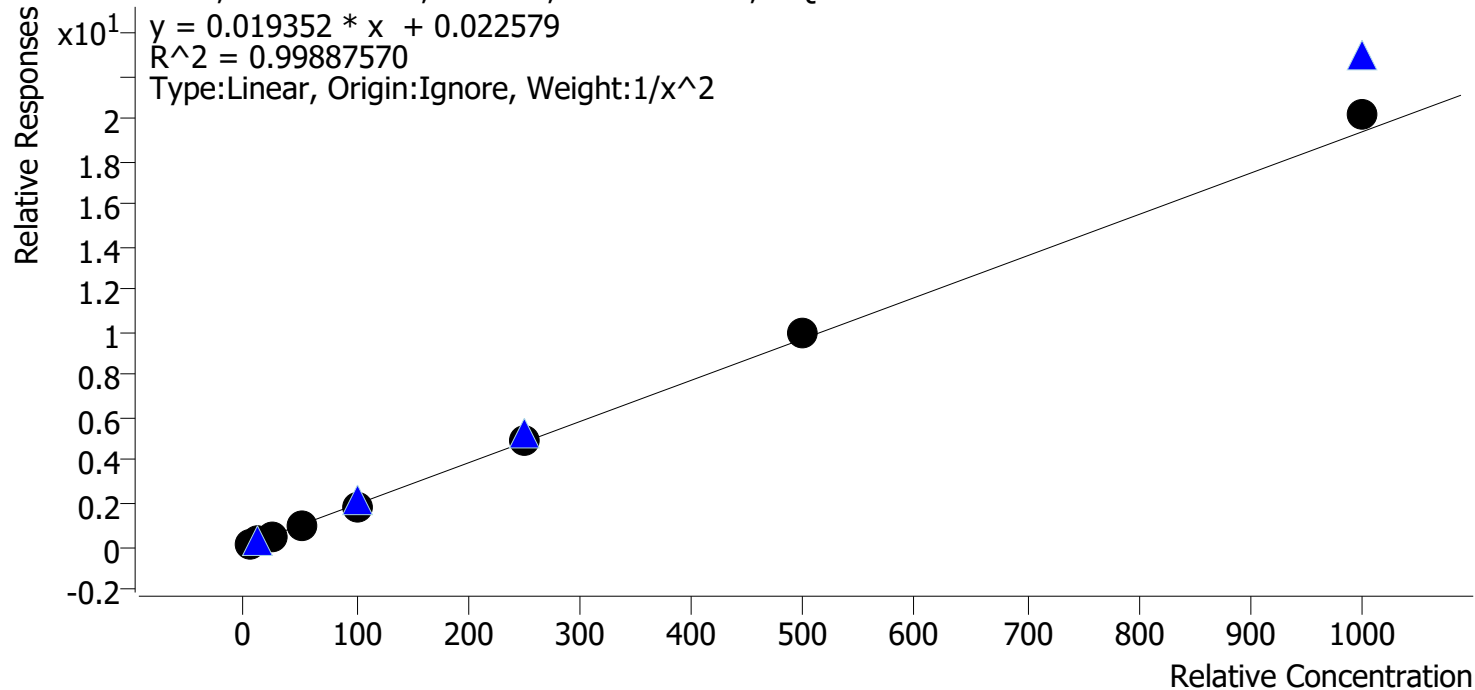
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	253.2	101.3
cal 7 mdq	7	✓	500.0	519.3	103.9
cal 8 mdq	8	✓	1000.0	972.7	97.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



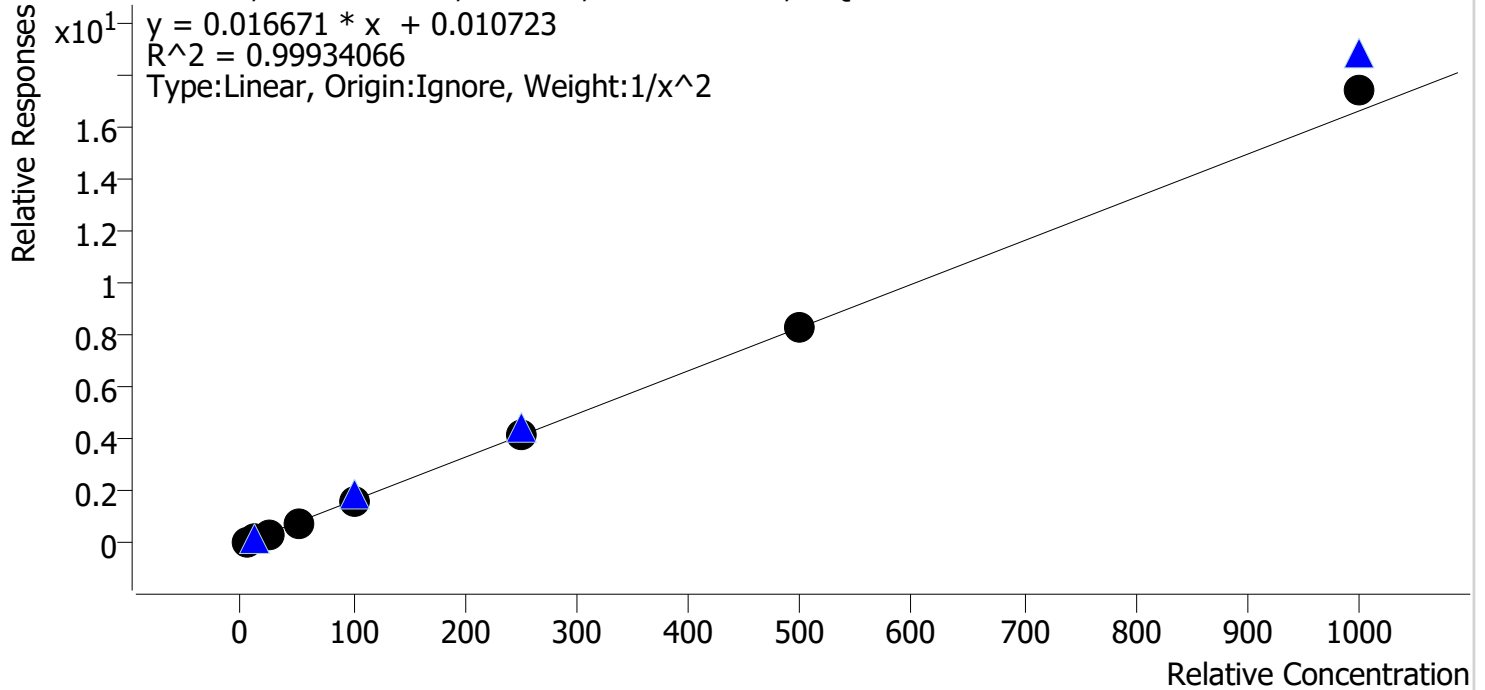
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	10.0	100.4
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	97.5	97.5
cal 6 mdq	6	✓	250.0	251.2	100.5
cal 7 mdq	7	✓	500.0	516.1	103.2
cal 8 mdq	8	✓	1000.0	1040.9	104.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Alprazolam-D5

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



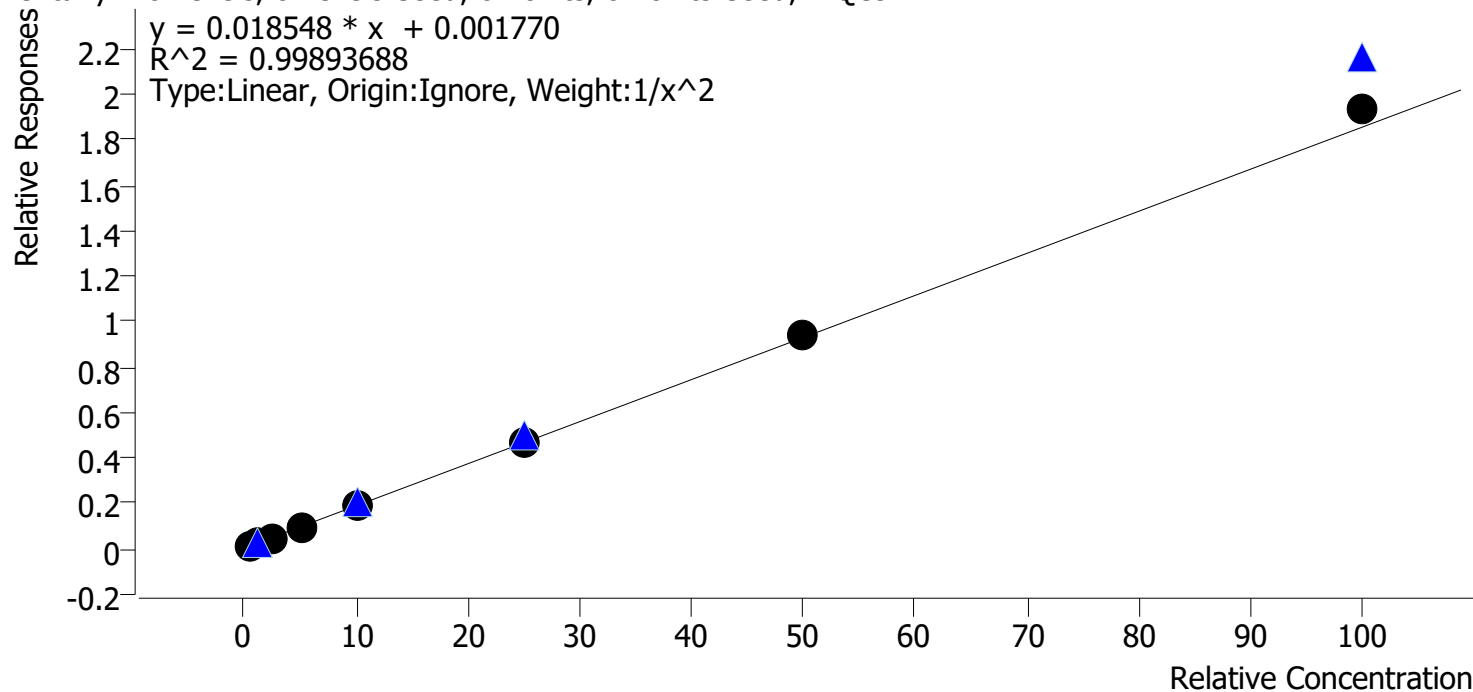
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.6	98.5
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	97.0	97.0
cal 6 mdq	6	✓	250.0	249.3	99.7
cal 7 mdq	7	✓	500.0	502.0	100.4
cal 8 mdq	8	✓	1000.0	1045.9	104.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



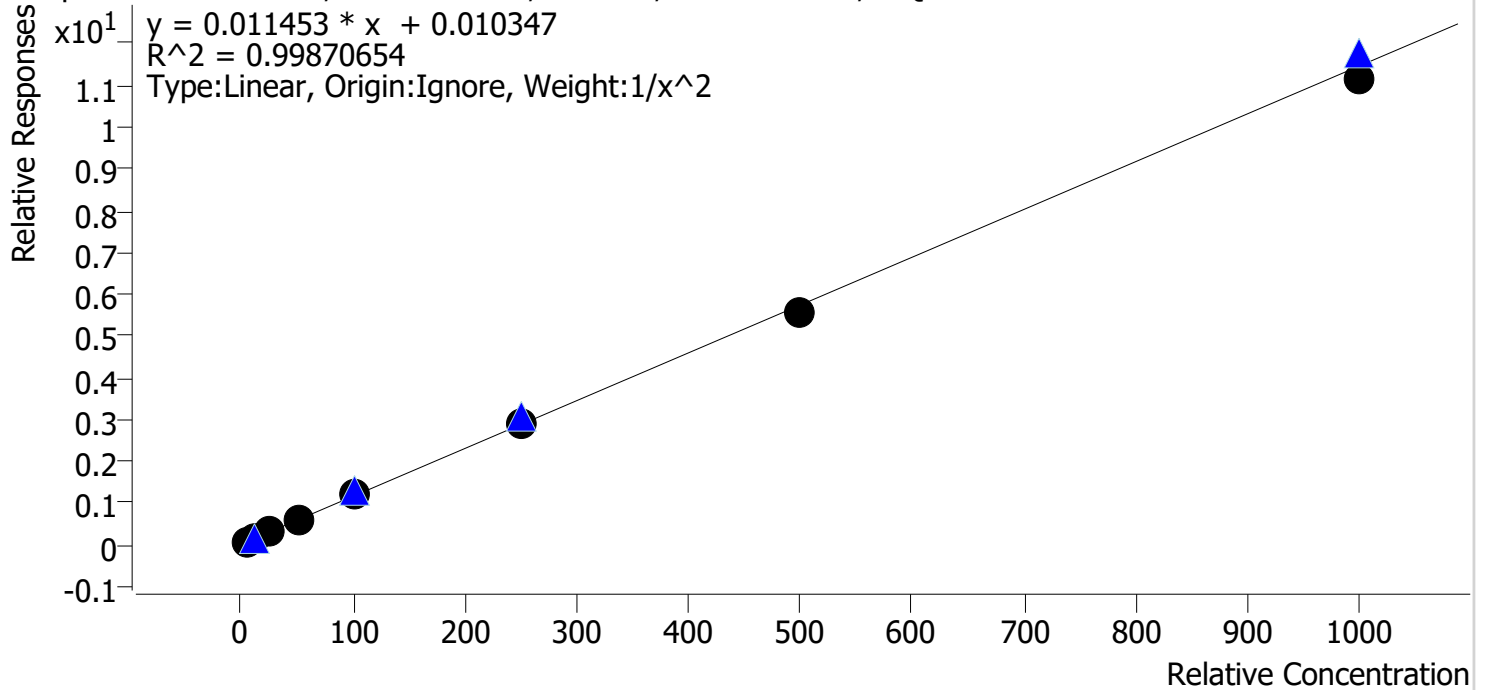
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	101.8
cal 2 mdq	2	✓	1.0	1.0	98.2
cal 3 mdq	3	✓	2.5	2.4	95.1
cal 4 mdq	4	✓	5.0	5.1	101.4
cal 5 mdq	5	✓	10.0	9.9	99.4
cal 6 mdq	6	✓	25.0	24.6	98.6
cal 7 mdq	7	✓	50.0	50.6	101.2
cal 8 mdq	8	✓	100.0	104.4	104.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



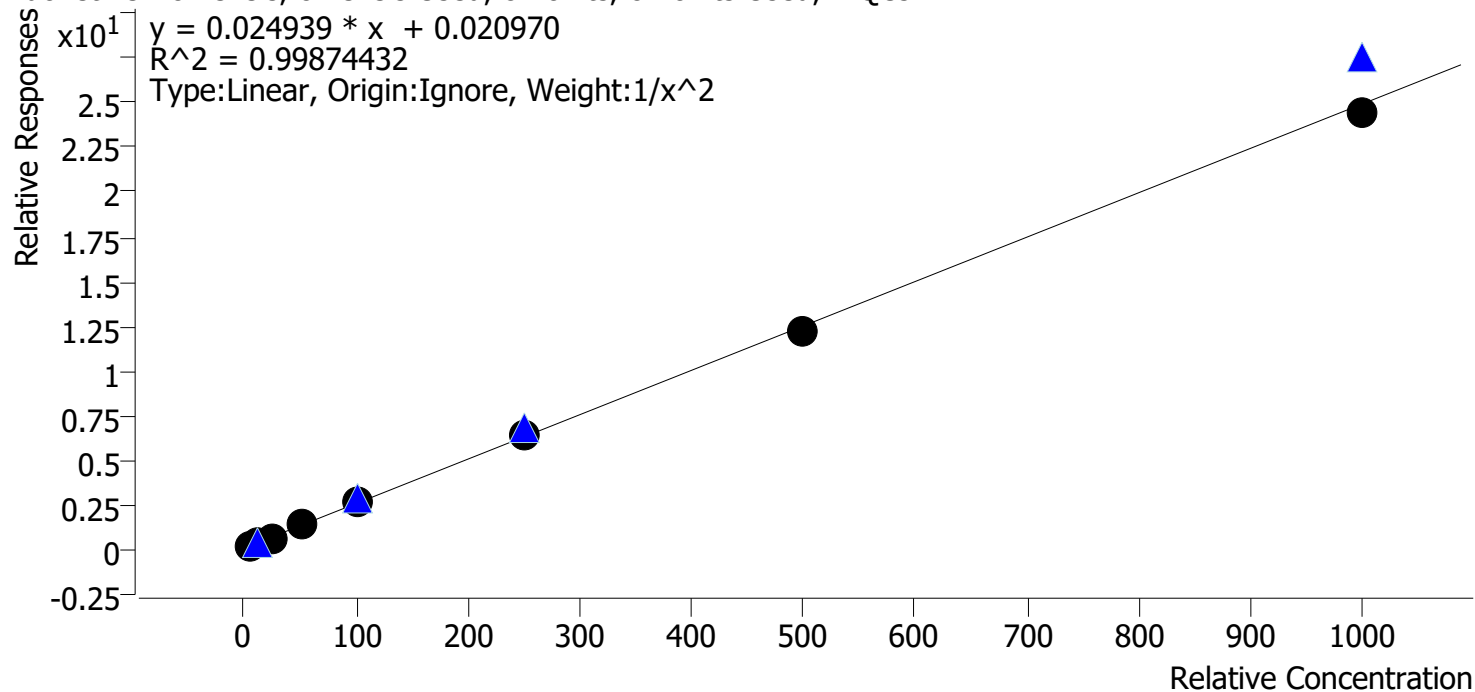
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.8
cal 2 mdq	2	✓	10.0	10.6	105.6
cal 3 mdq	3	✓	25.0	25.3	101.3
cal 4 mdq	4	✓	50.0	50.2	100.4
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	482.1	96.4
cal 8 mdq	8	✓	1000.0	970.1	97.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



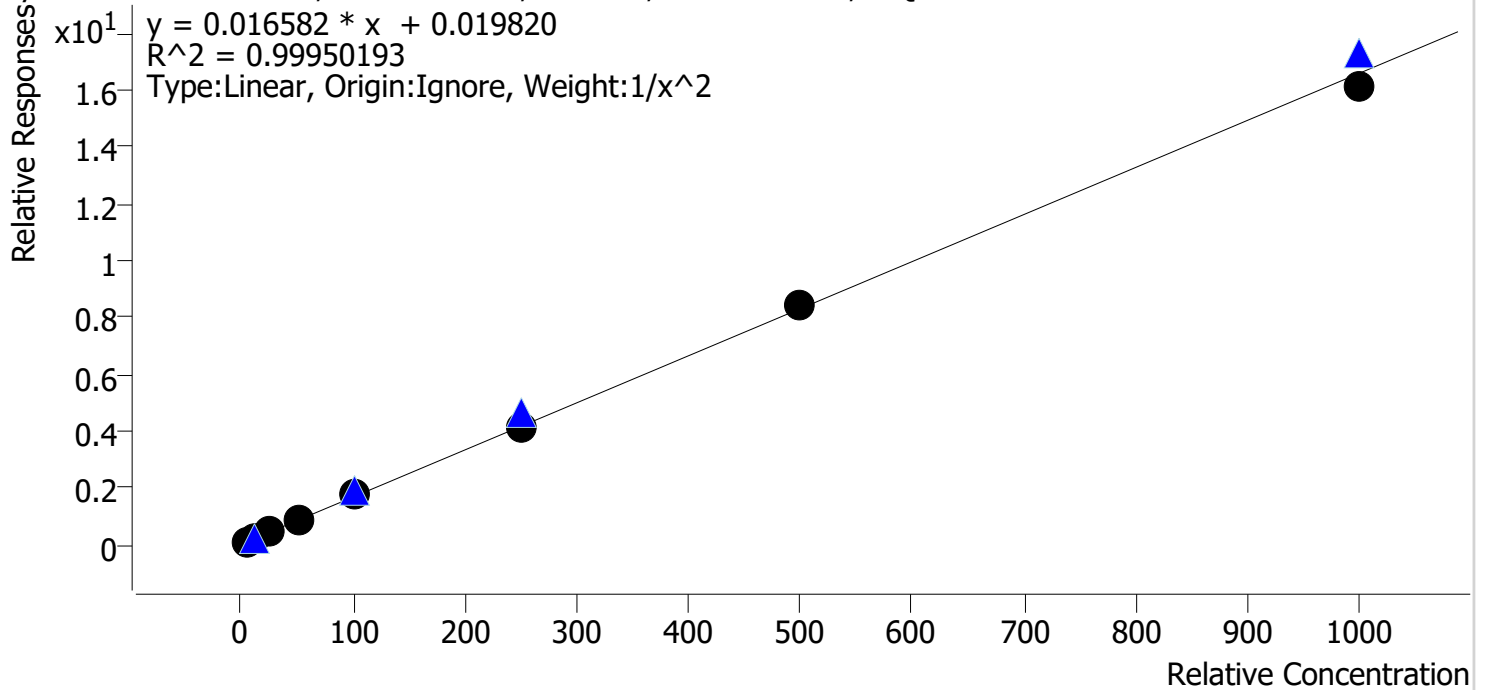
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.6	105.9
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	51.0	101.9
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	253.9	101.6
cal 7 mdq	7	✓	500.0	488.8	97.8
cal 8 mdq	8	✓	1000.0	977.5	97.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



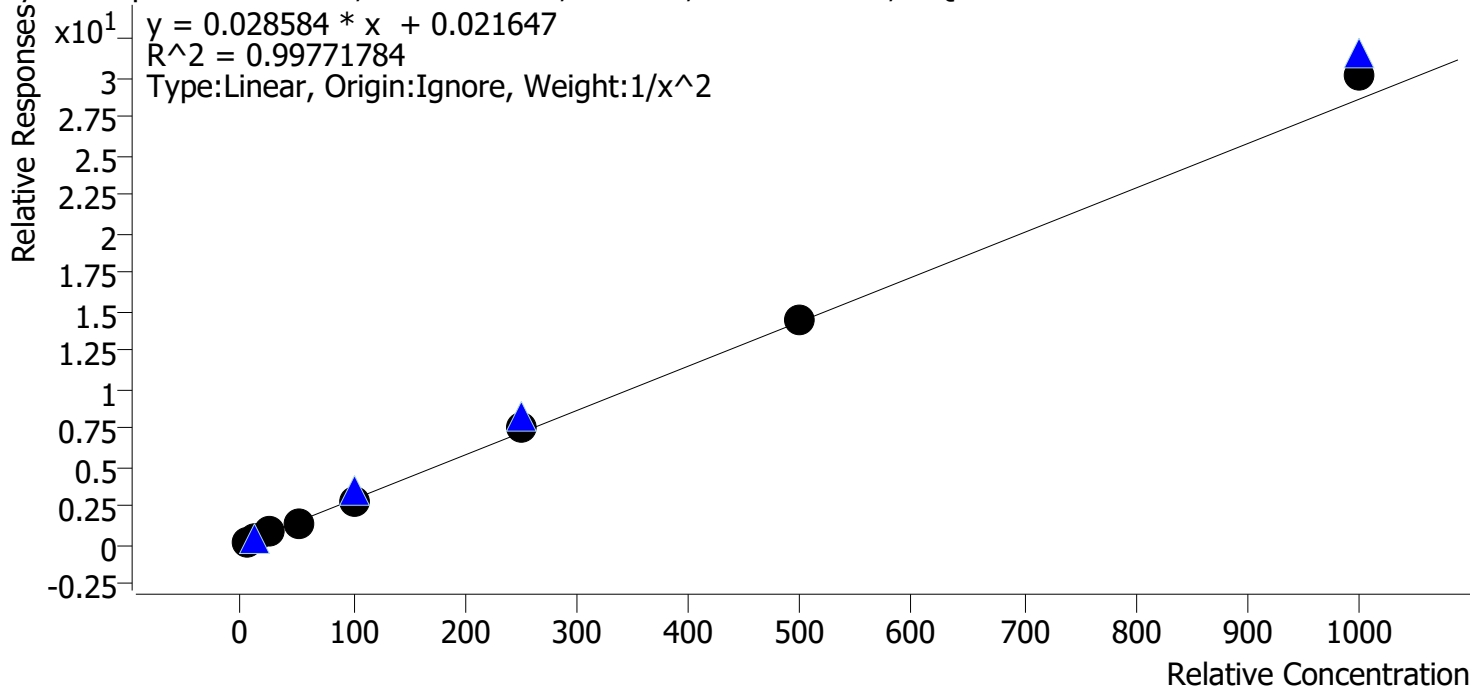
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	244.2	97.7
cal 7 mdq	7	✓	500.0	510.6	102.1
cal 8 mdq	8	✓	1000.0	970.1	97.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

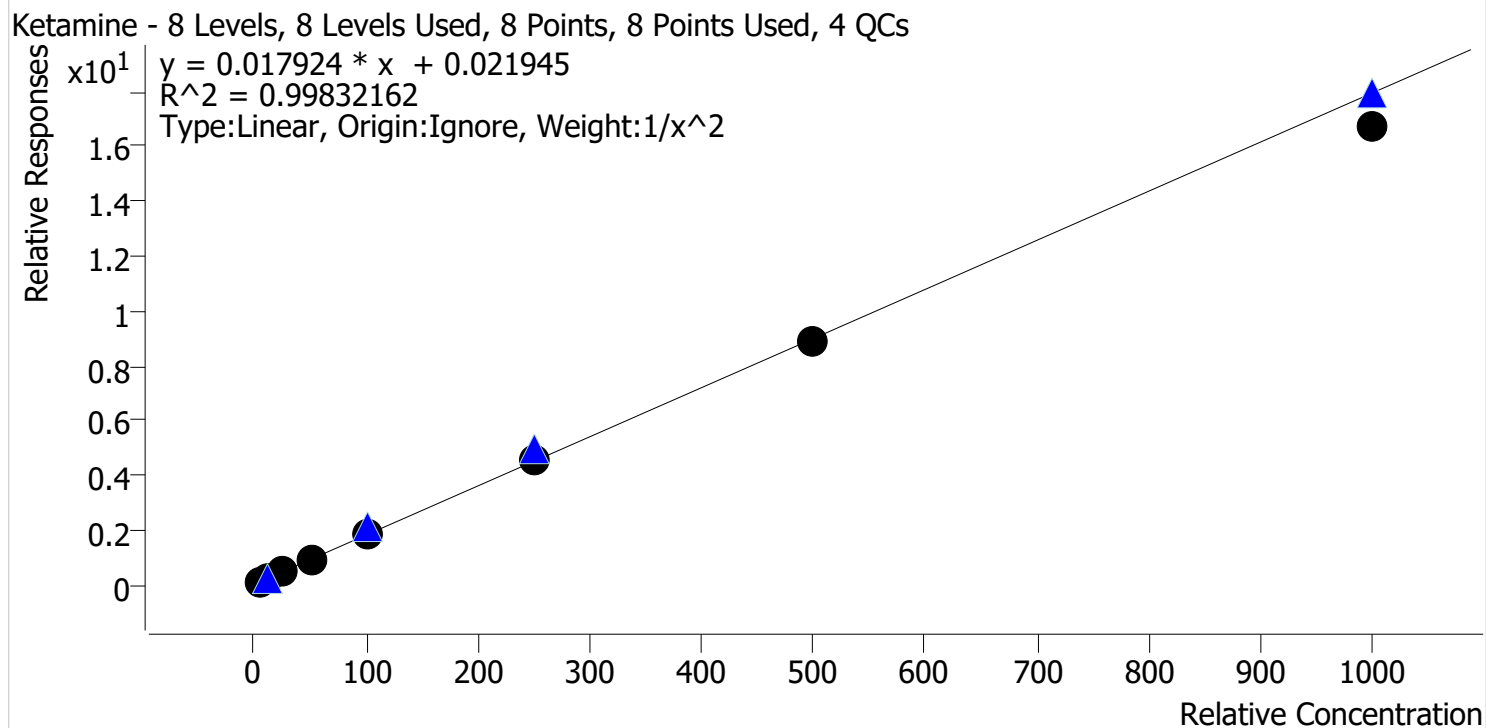


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	25.6	102.5
cal 4 mdq	4	✓	50.0	47.8	95.5
cal 5 mdq	5	✓	100.0	92.7	92.7
cal 6 mdq	6	✓	250.0	258.6	103.4
cal 7 mdq	7	✓	500.0	501.8	100.4
cal 8 mdq	8	✓	1000.0	1053.6	105.4

Compound Calibration Report

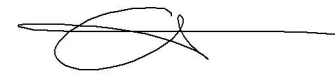


Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



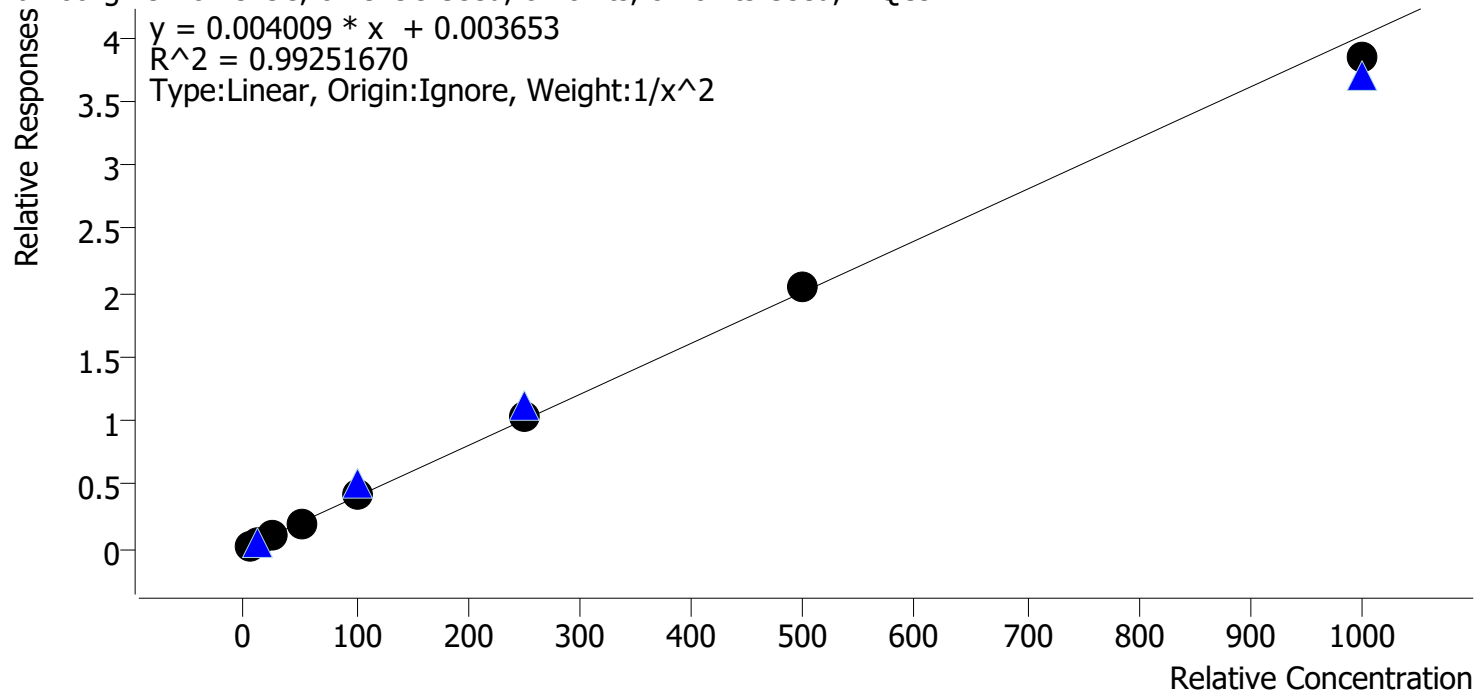
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.3	103.0
cal 3 mdq	3	✓	25.0	25.4	101.5
cal 4 mdq	4	✓	50.0	51.6	103.2
cal 5 mdq	5	✓	100.0	102.9	102.9
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	492.0	98.4
cal 8 mdq	8	✓	1000.0	928.8	92.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Temazepam-D5

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

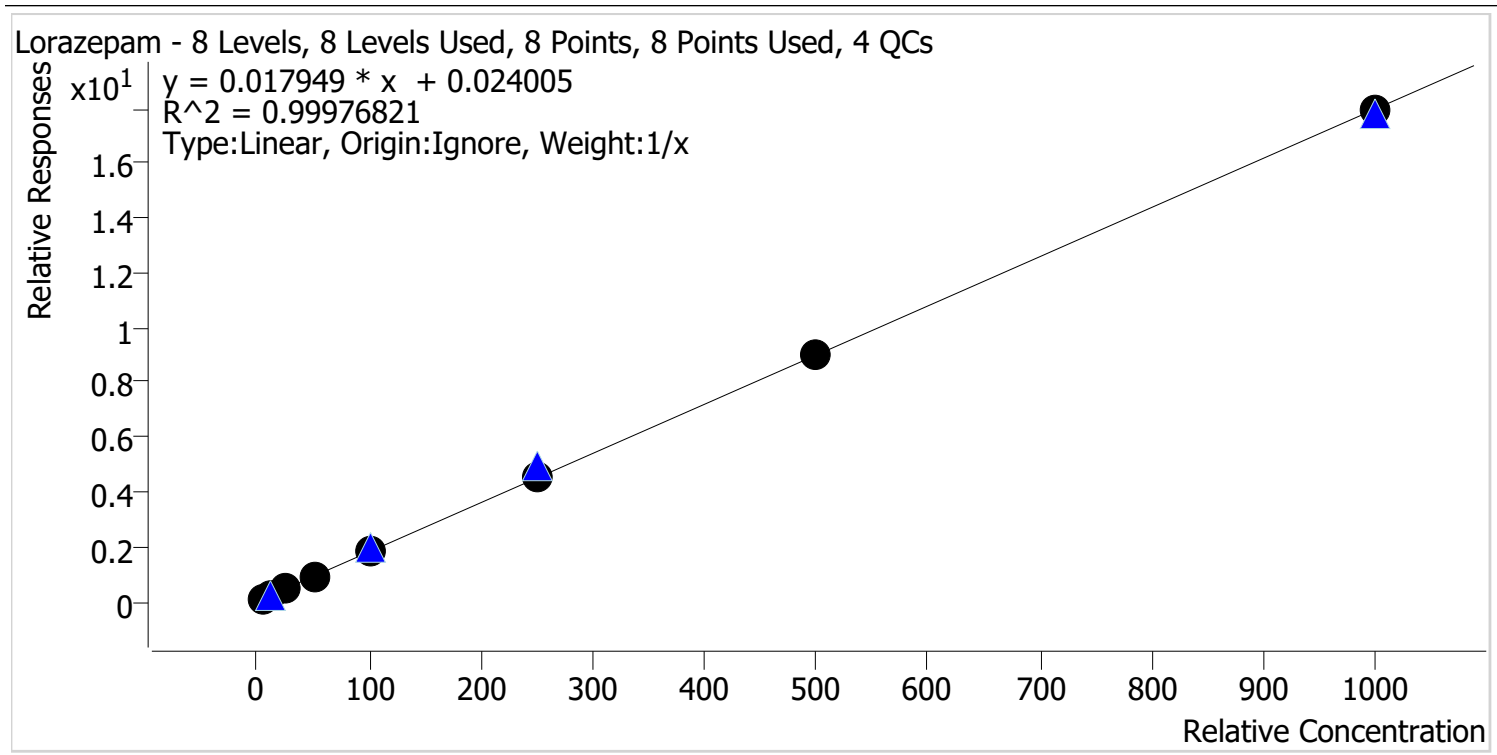


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.2
cal 2 mdq	2	✓	10.0	11.4	114.1
cal 3 mdq	3	✓	25.0	22.3	89.3
cal 4 mdq	4	✓	50.0	48.3	96.5
cal 5 mdq	5	✓	100.0	103.9	103.9
cal 6 mdq	6	✓	250.0	258.5	103.4
cal 7 mdq	7	✓	500.0	509.5	101.9
cal 8 mdq	8	✓	1000.0	957.3	95.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



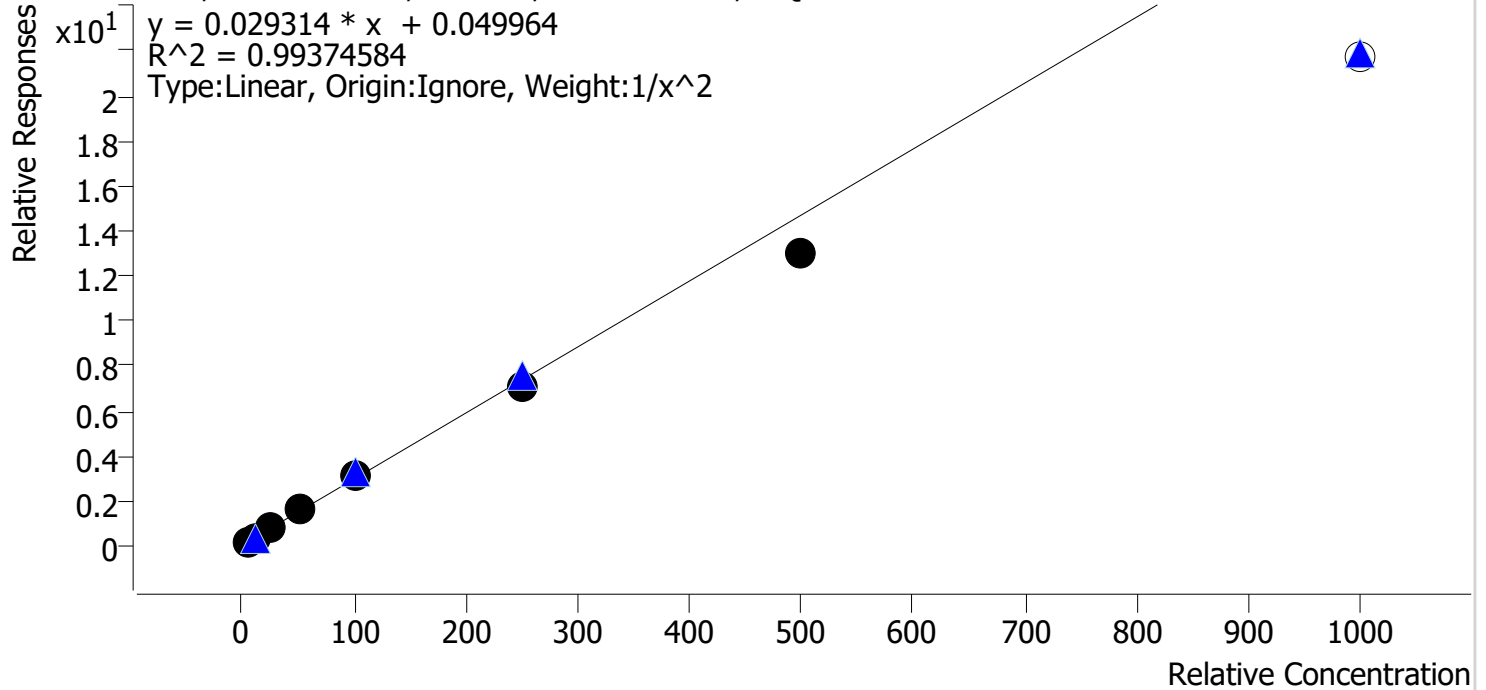
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.8
cal 2 mdq	2	✓	10.0	11.3	112.8
cal 3 mdq	3	✓	25.0	24.0	95.8
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	255.2	102.1
cal 7 mdq	7	✓	500.0	500.9	100.2
cal 8 mdq	8	✓	1000.0	996.9	99.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.2
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	26.7	107.0
cal 4 mdq	4	✓	50.0	53.0	106.0
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	241.0	96.4
cal 7 mdq	7	✓	500.0	441.3	88.3
cal 8 mdq	8	✗	1000.0	741.2	74.1

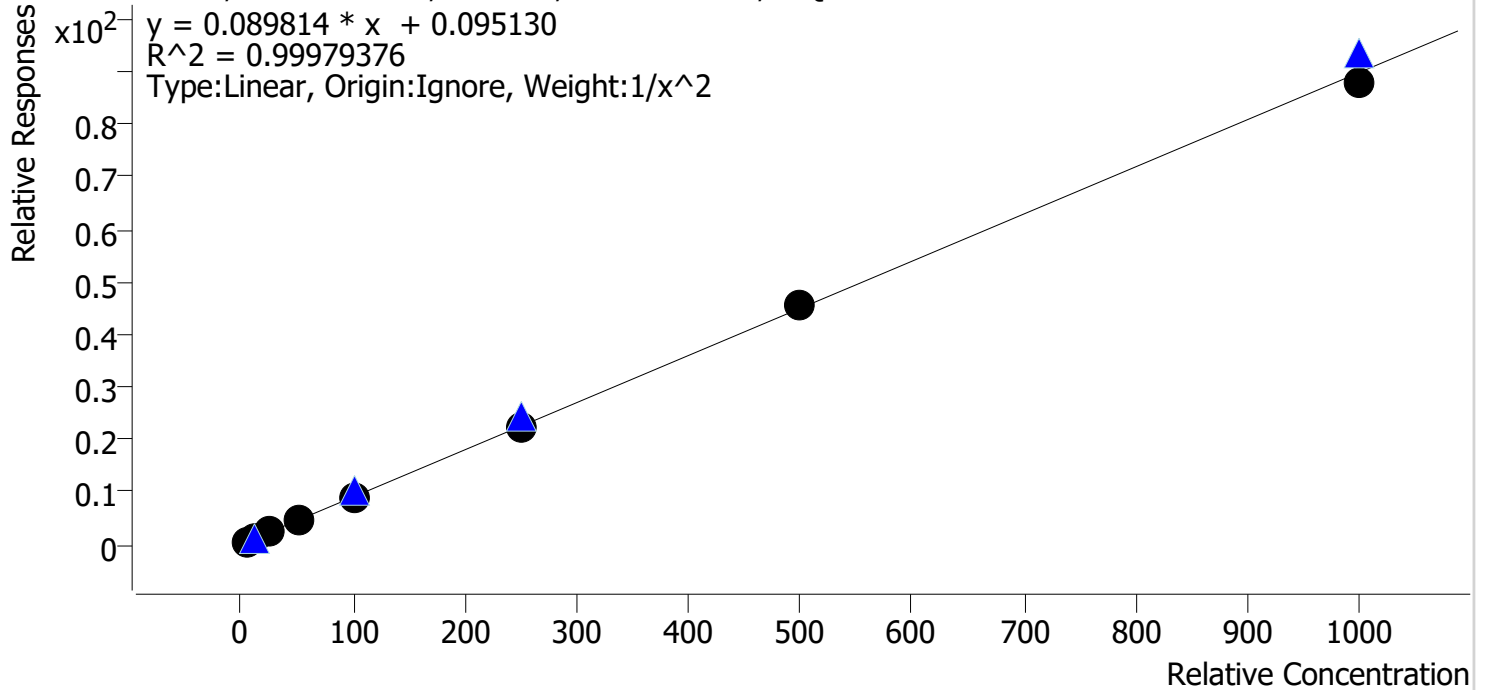
Cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



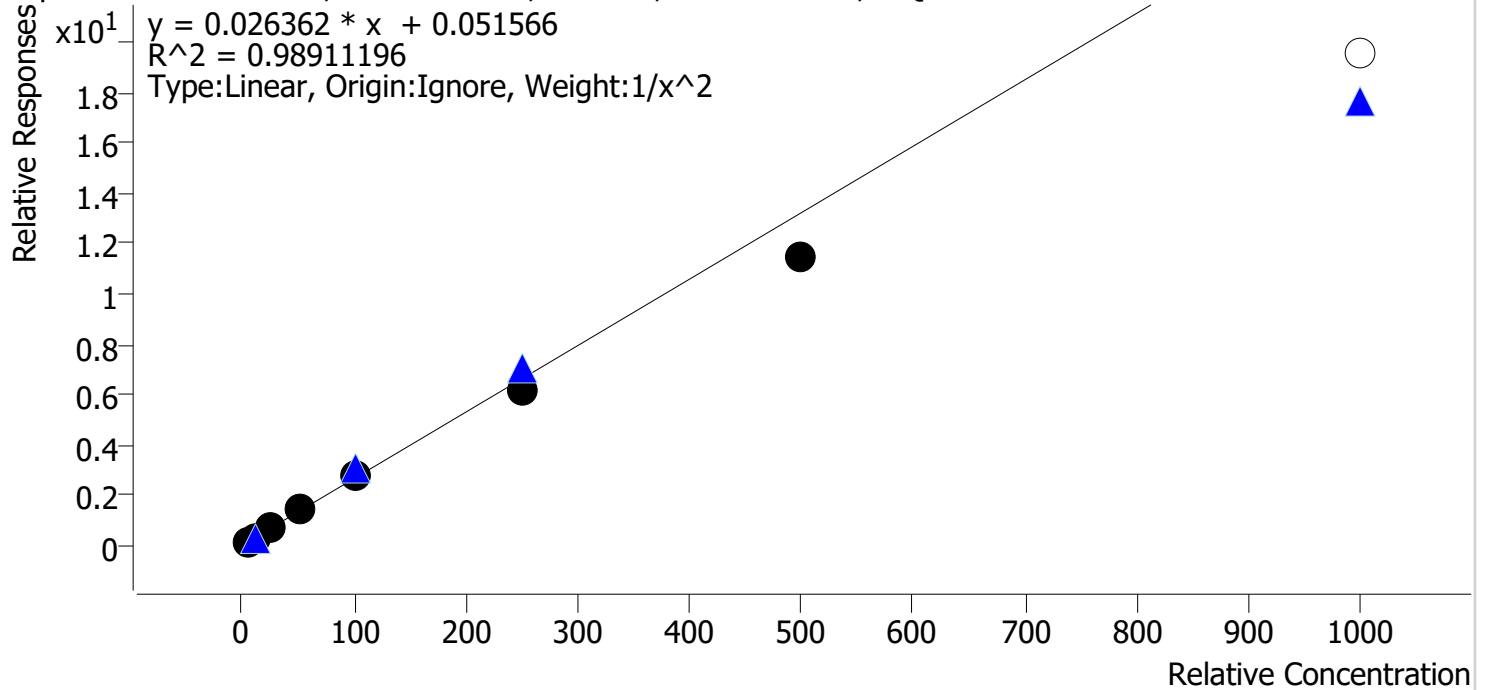
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	25.1	100.6
cal 4 mdq	4	✓	50.0	50.9	101.7
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	251.1	100.4
cal 7 mdq	7	✓	500.0	504.4	100.9
cal 8 mdq	8	✓	1000.0	975.7	97.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

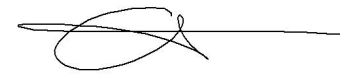
Meprobamate - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.1
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	27.6	110.5
cal 4 mdq	4	✓	50.0	55.3	110.6
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	232.3	92.9
cal 7 mdq	7	✓	500.0	432.4	86.5
cal 8 mdq	8	✗	1000.0	739.4	73.9

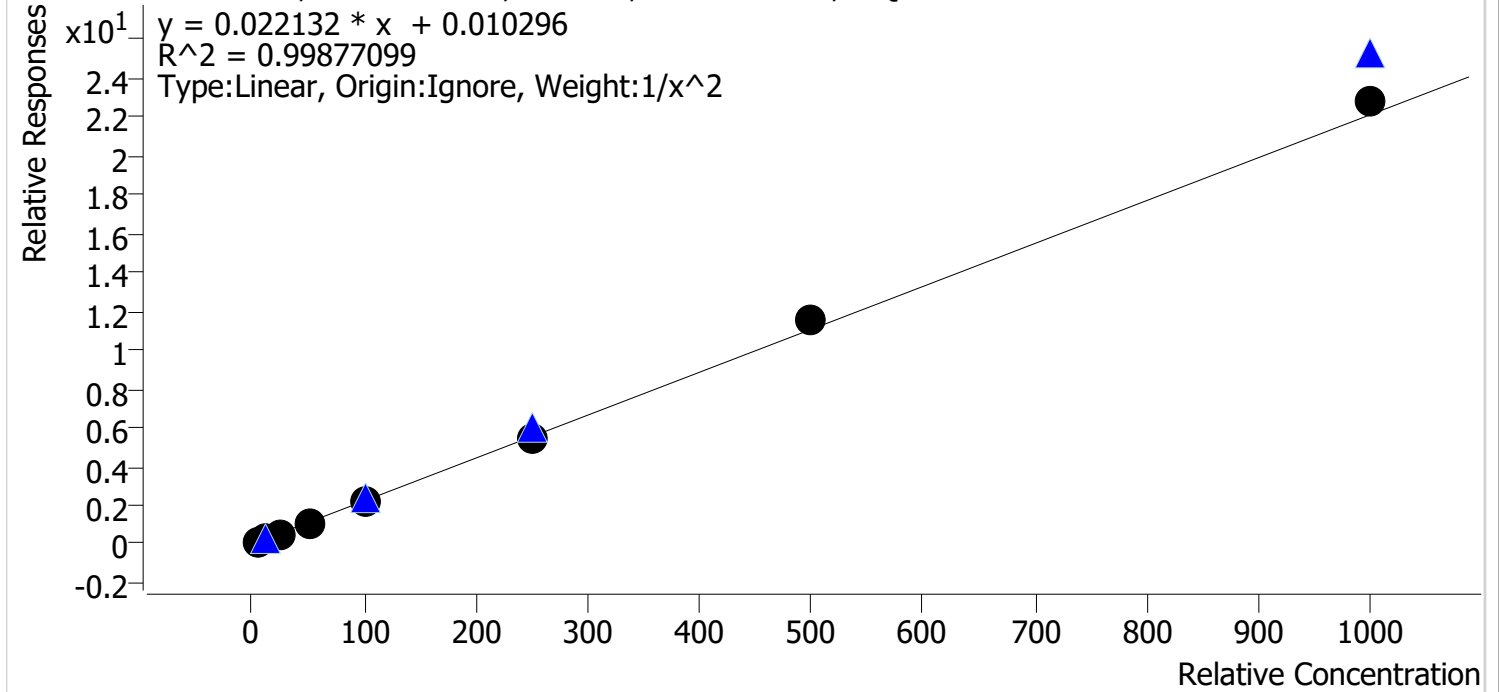
Cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



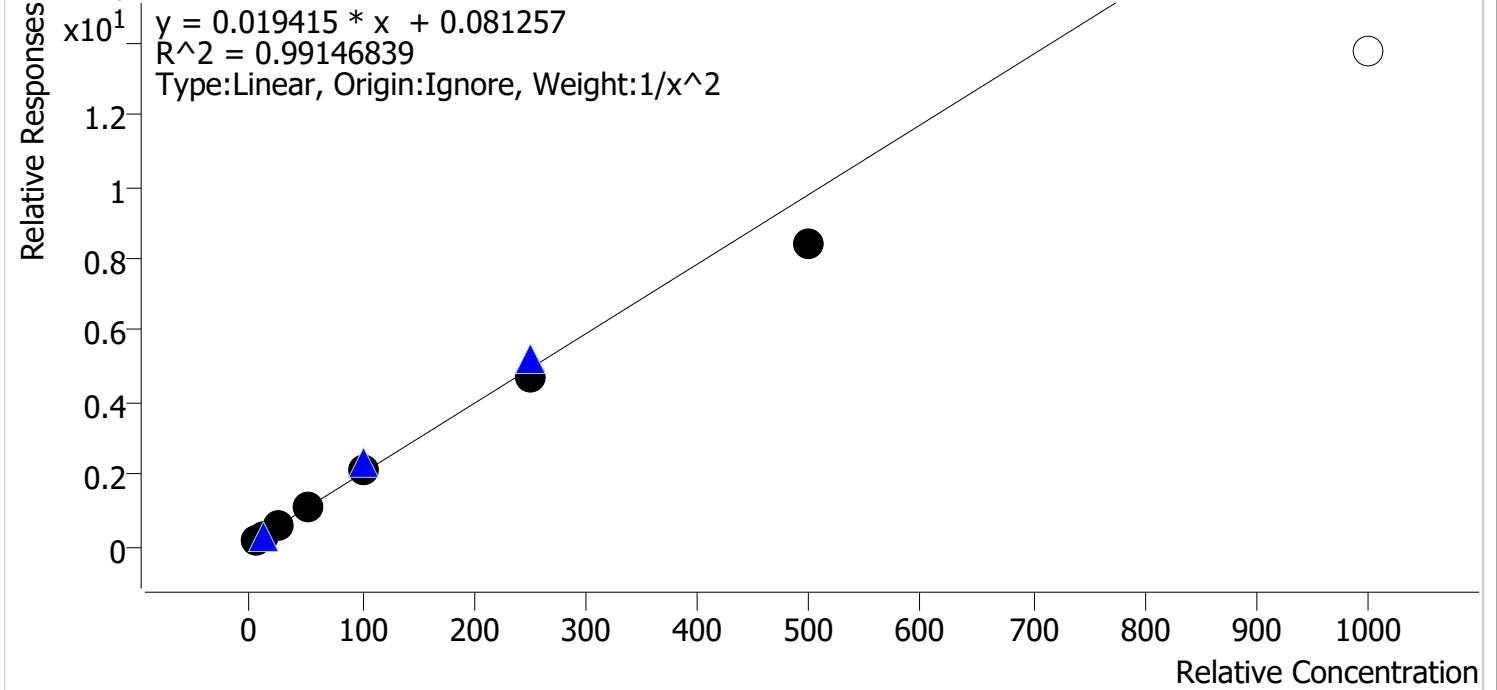
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	48.2	96.3
cal 5 mdq	5	✓	100.0	99.5	99.5
cal 6 mdq	6	✓	250.0	248.1	99.2
cal 7 mdq	7	✓	500.0	519.3	103.9
cal 8 mdq	8	✓	1000.0	1033.4	103.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

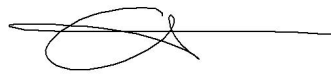
Methamphetamine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



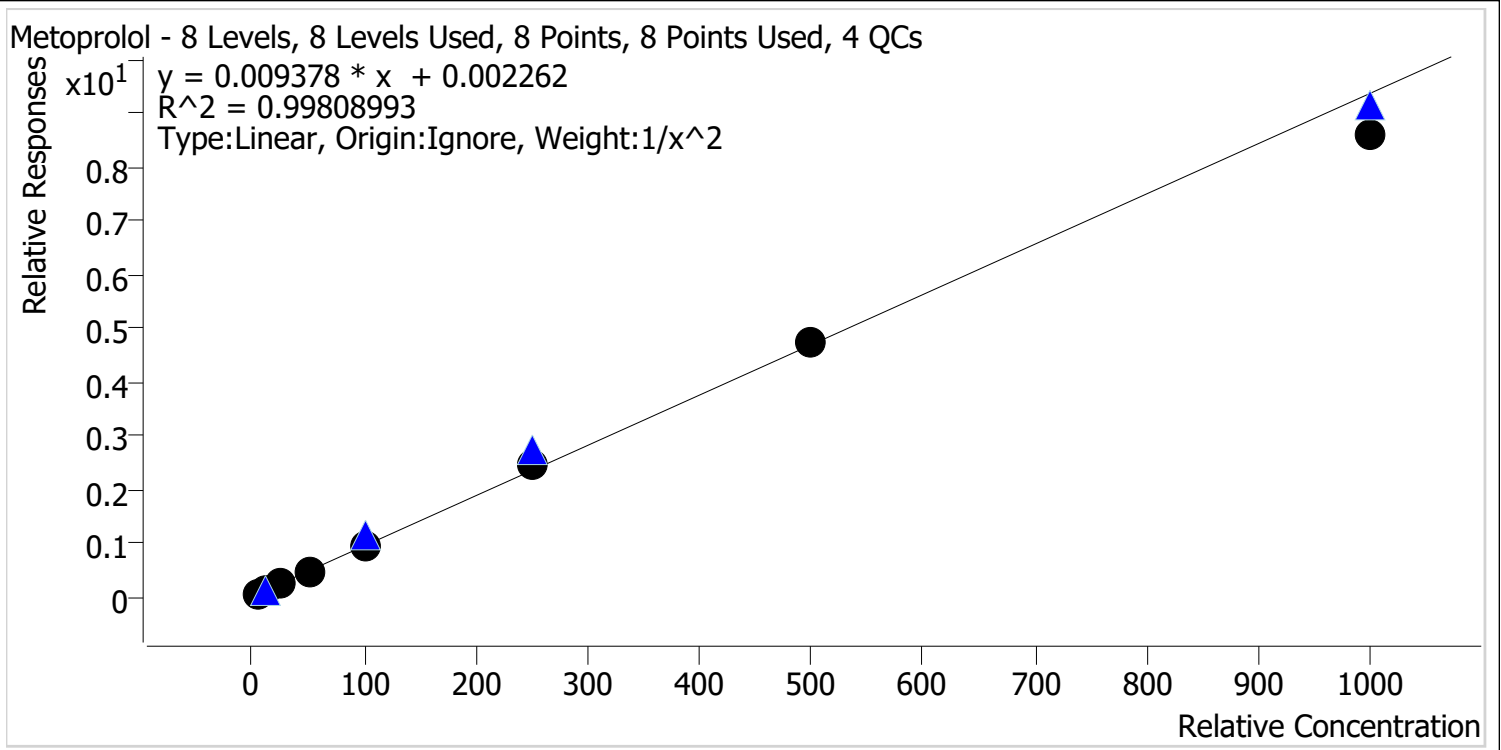
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	26.9	107.7
cal 4 mdq	4	✓	50.0	54.1	108.3
cal 5 mdq	5	✓	100.0	104.7	104.7
cal 6 mdq	6	✓	250.0	239.3	95.7
cal 7 mdq	7	✓	500.0	430.2	86.0
cal 8 mdq	8	✗	1000.0	704.3	70.4

cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5



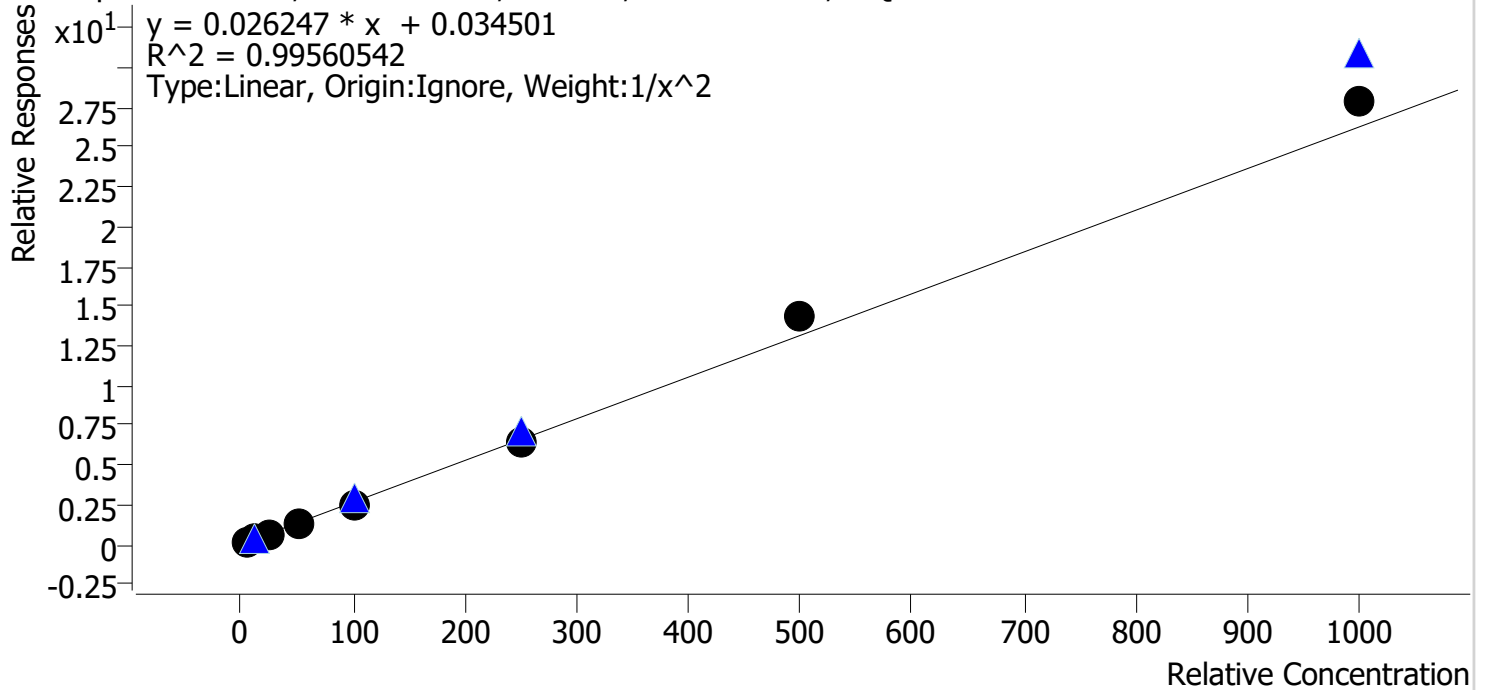
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.9	99.5
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	50.2	100.5
cal 5 mdq	5	✓	100.0	103.2	103.2
cal 6 mdq	6	✓	250.0	261.7	104.7
cal 7 mdq	7	✓	500.0	508.2	101.6
cal 8 mdq	8	✓	1000.0	921.5	92.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



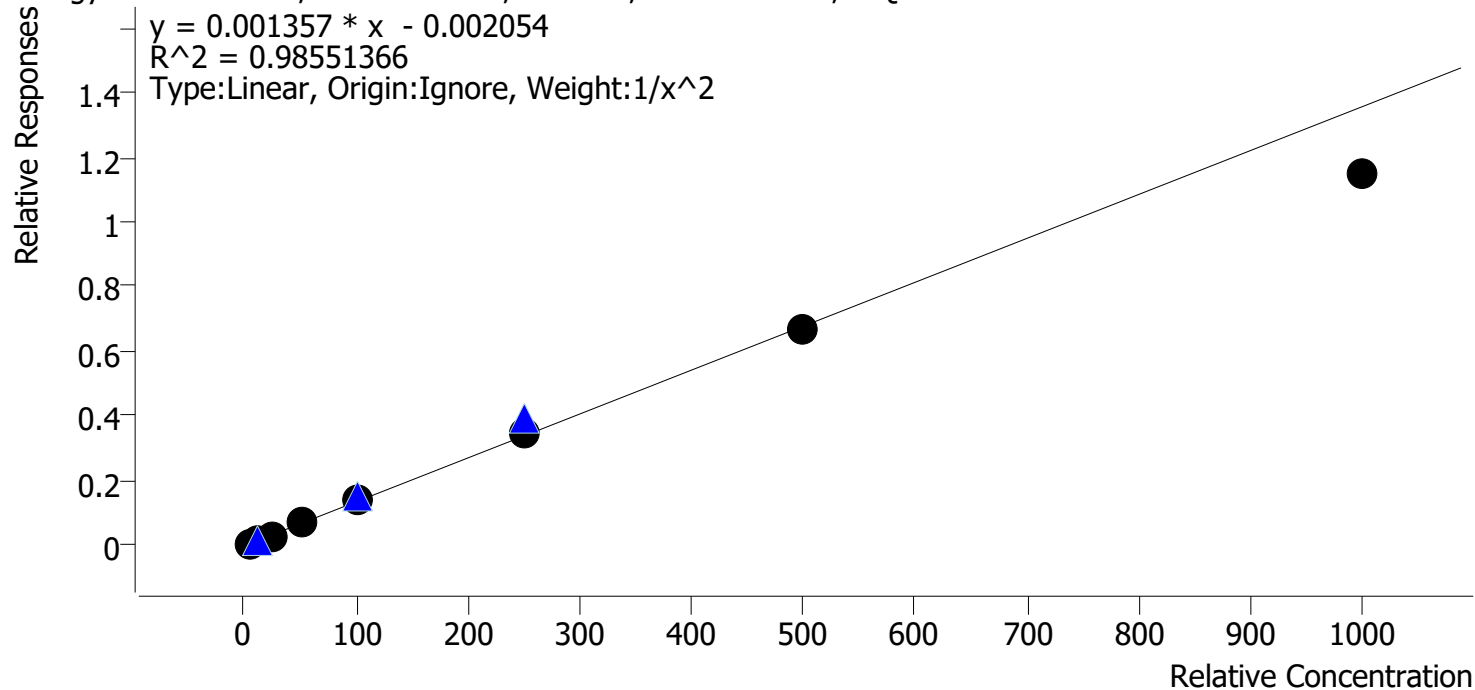
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	45.9	91.7
cal 5 mdq	5	✓	100.0	96.3	96.3
cal 6 mdq	6	✓	250.0	244.4	97.8
cal 7 mdq	7	✓	500.0	548.0	109.6
cal 8 mdq	8	✓	1000.0	1064.0	106.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

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



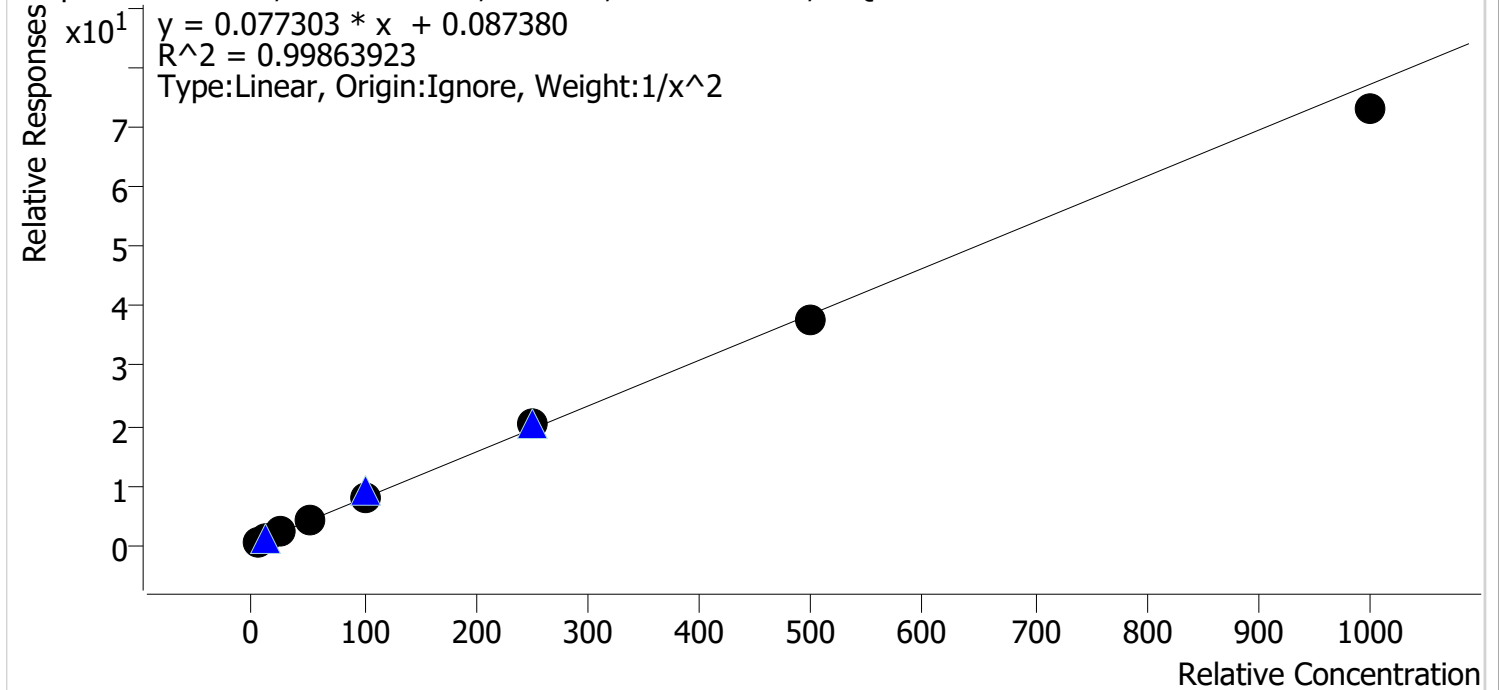
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	91.2
cal 2 mdq	2	✓	10.0	11.8	118.0
cal 3 mdq	3	✓	25.0	23.6	94.2
cal 4 mdq	4	✓	50.0	54.4	108.8
cal 5 mdq	5	✓	100.0	102.9	102.9
cal 6 mdq	6	✓	250.0	255.9	102.4
cal 7 mdq	7	✓	500.0	490.1	98.0
cal 8 mdq	8	✓	1000.0	844.3	84.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



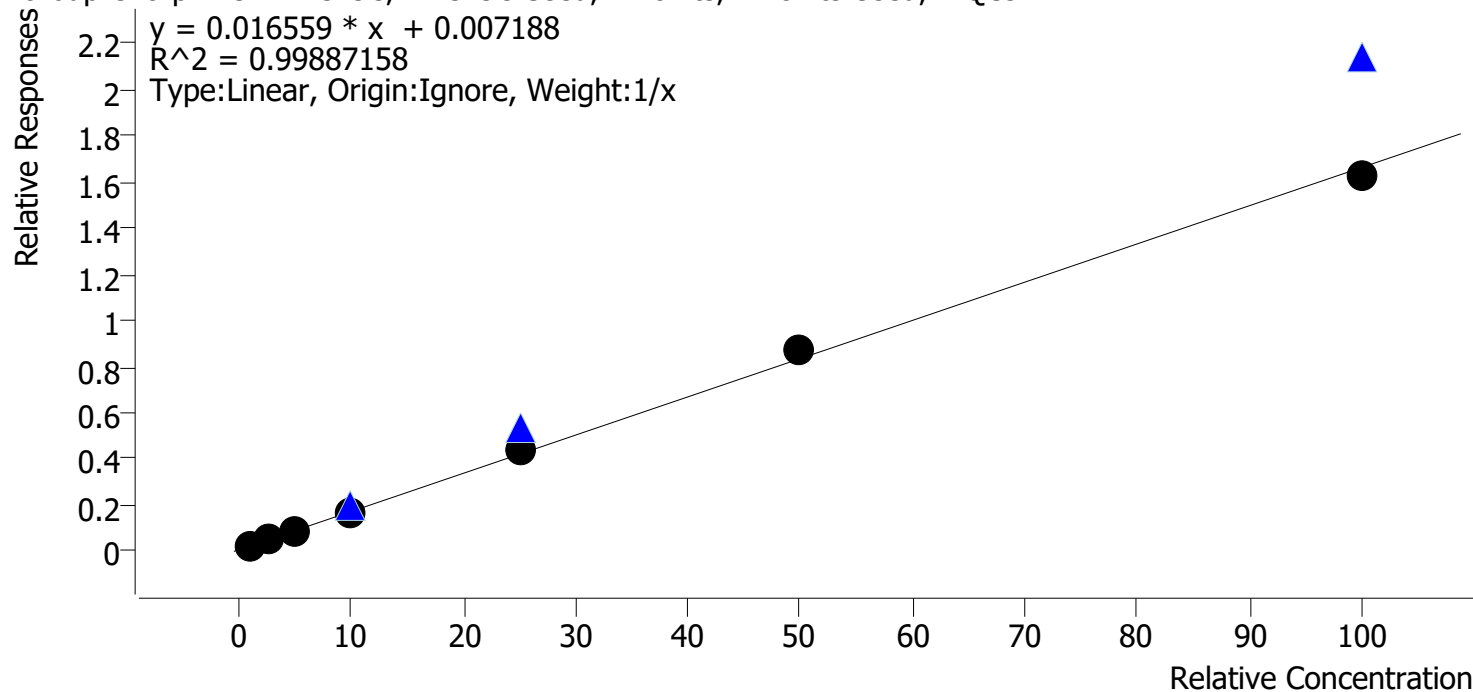
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	104.3	104.3
cal 6 mdq	6	✓	250.0	259.8	103.9
cal 7 mdq	7	✓	500.0	487.9	97.6
cal 8 mdq	8	✓	1000.0	944.9	94.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

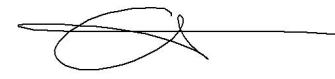
Norbuprenorphine - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 2 mdq	2	✓	1.0	1.1	105.8
cal 3 mdq	3	✓	2.5	2.5	99.2
cal 4 mdq	4	✓	5.0	4.8	96.7
cal 5 mdq	5	✓	10.0	9.3	93.2
cal 6 mdq	6	✓	25.0	25.8	103.2
cal 7 mdq	7	✓	50.0	51.9	103.7
cal 8 mdq	8	✓	100.0	98.1	98.1

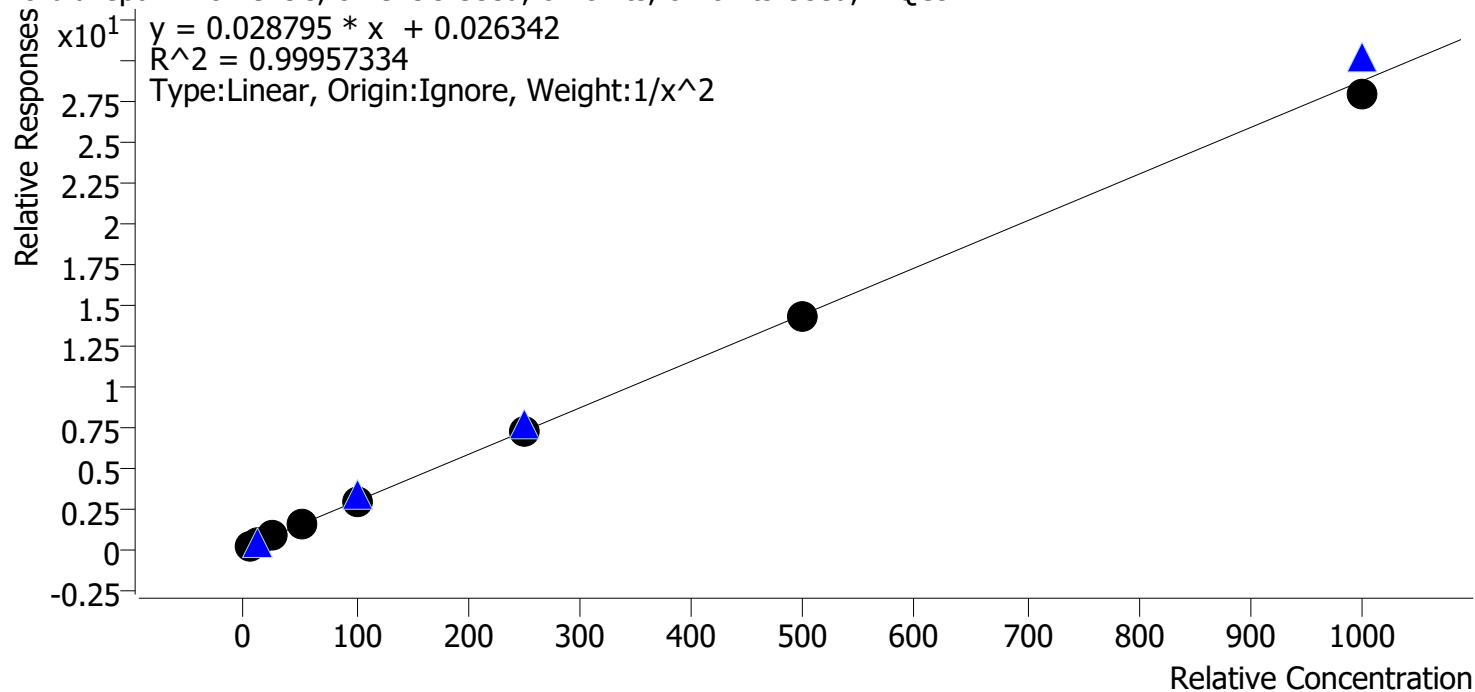
cal 1 dropped due to insufficient response.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



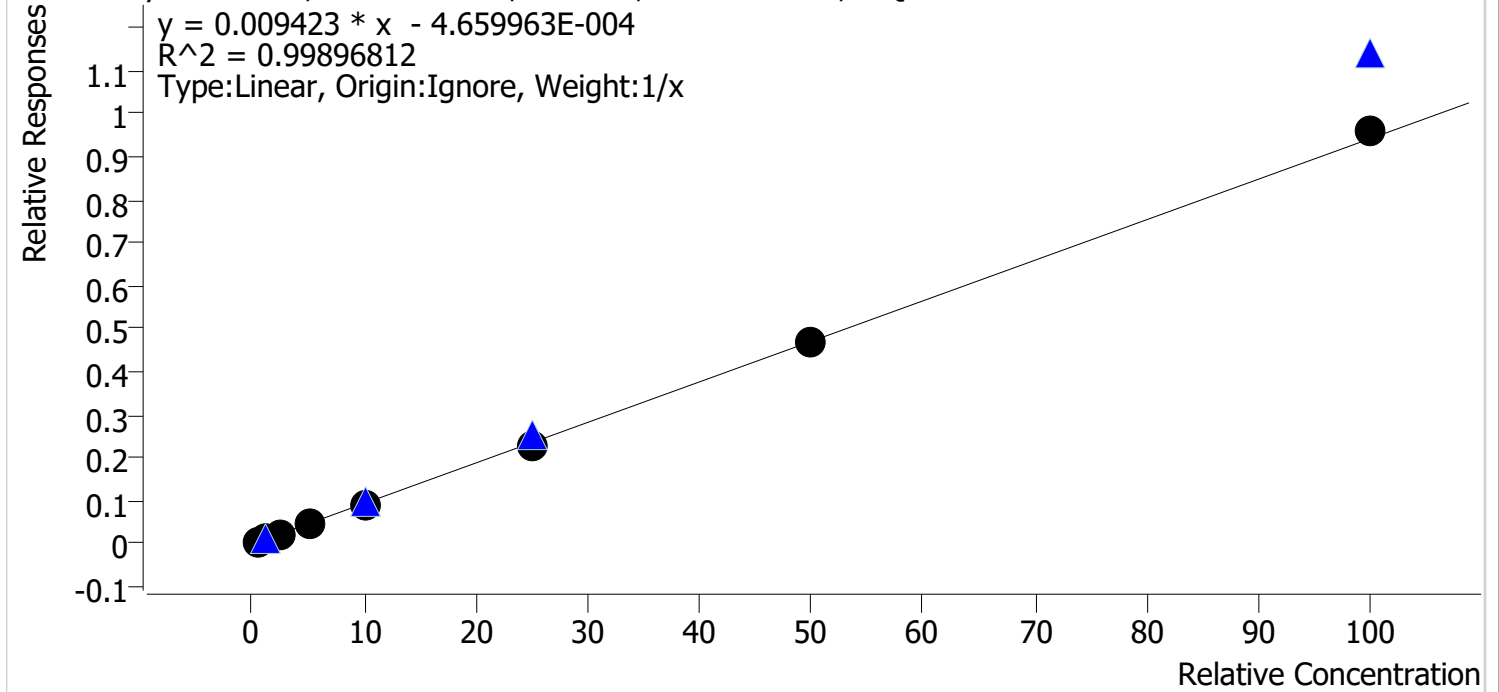
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	25.6	102.3
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdq	6	✓	250.0	249.7	99.9
cal 7 mdq	7	✓	500.0	496.1	99.2
cal 8 mdq	8	✓	1000.0	973.6	97.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



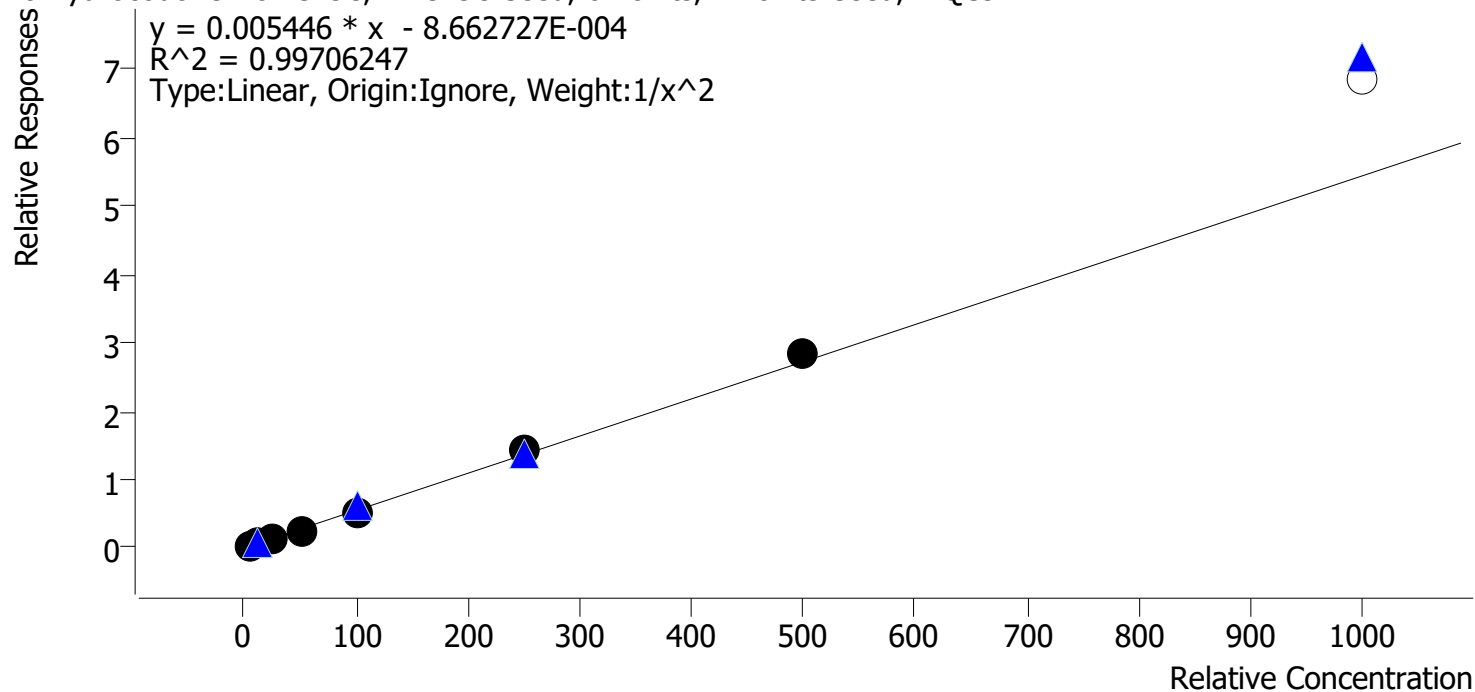
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	112.7
cal 2 mdq	2	✓	1.0	1.1	107.4
cal 3 mdq	3	✓	2.5	2.4	95.7
cal 4 mdq	4	✓	5.0	4.7	93.4
cal 5 mdq	5	✓	10.0	9.3	93.2
cal 6 mdq	6	✓	25.0	24.0	96.0
cal 7 mdq	7	✓	50.0	49.6	99.3
cal 8 mdq	8	✓	100.0	102.3	102.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	23.8	95.3
cal 4 mdq	4	✓	50.0	47.3	94.6
cal 5 mdq	5	✓	100.0	97.1	97.1
cal 6 mdq	6	✓	250.0	267.5	107.0
cal 7 mdq	7	✓	500.0	519.4	103.9
cal 8 mdq	8	x	1000.0	1262.5	126.2

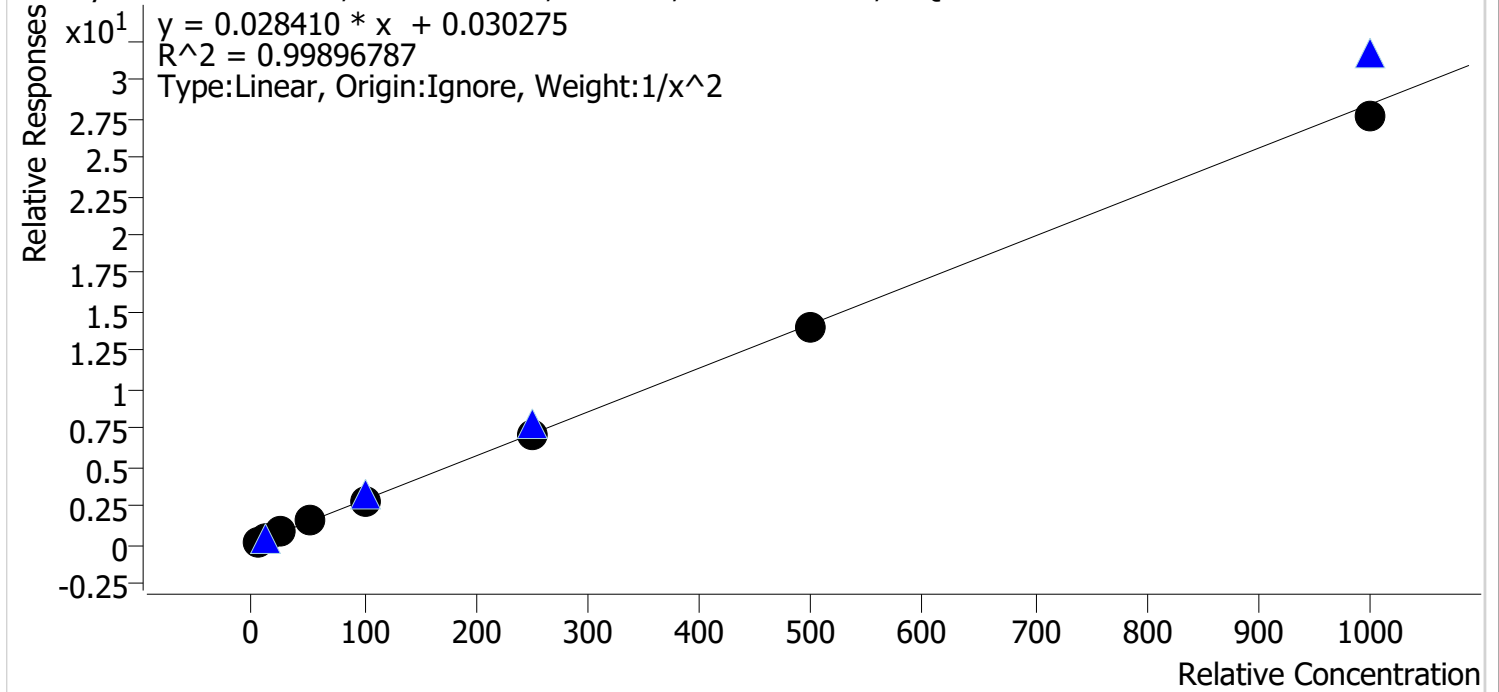
cal 8 dropped due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

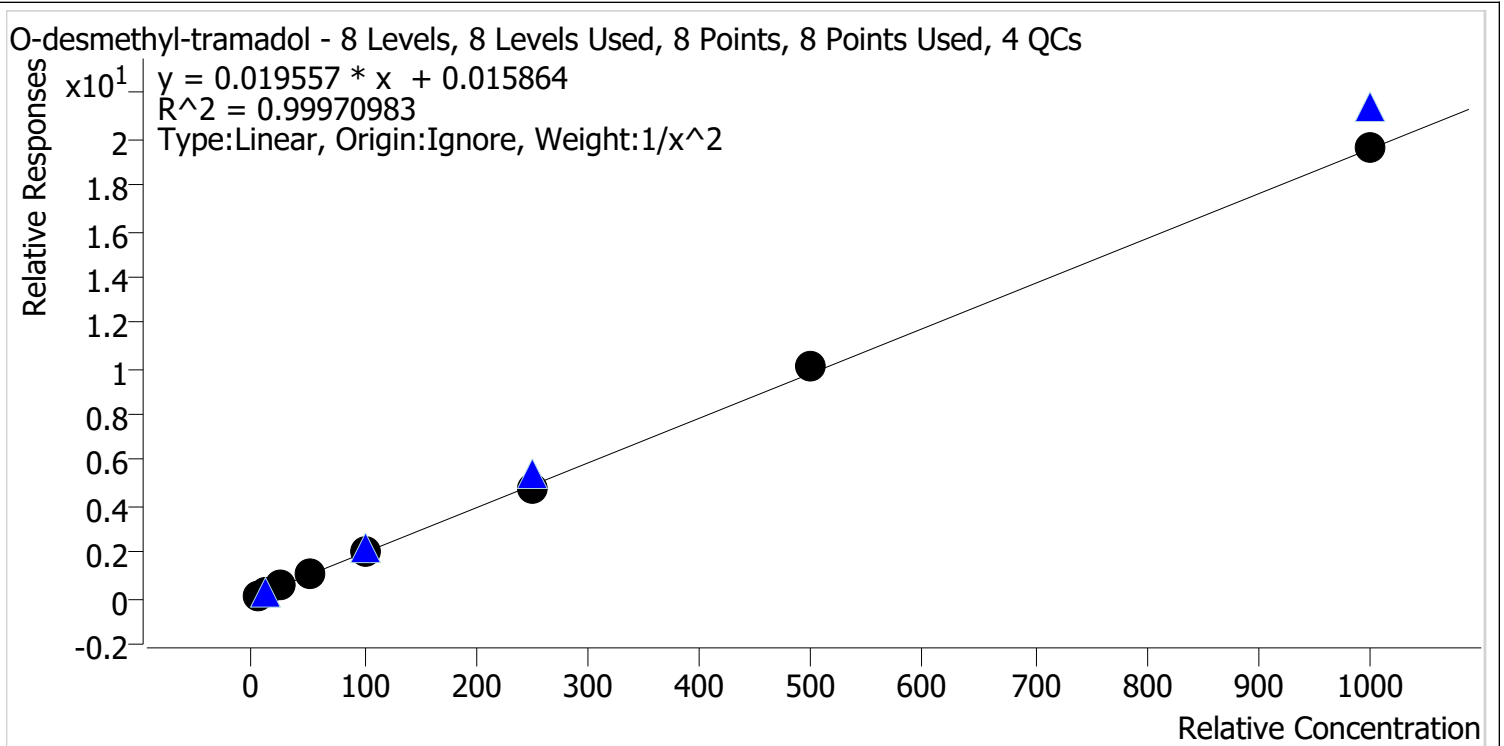


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.3
cal 2 mdq	2	✓	10.0	10.5	104.9
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	51.6	103.3
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	490.9	98.2
cal 8 mdq	8	✓	1000.0	970.1	97.0

Compound Calibration Report

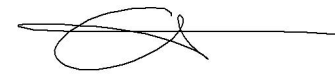


Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



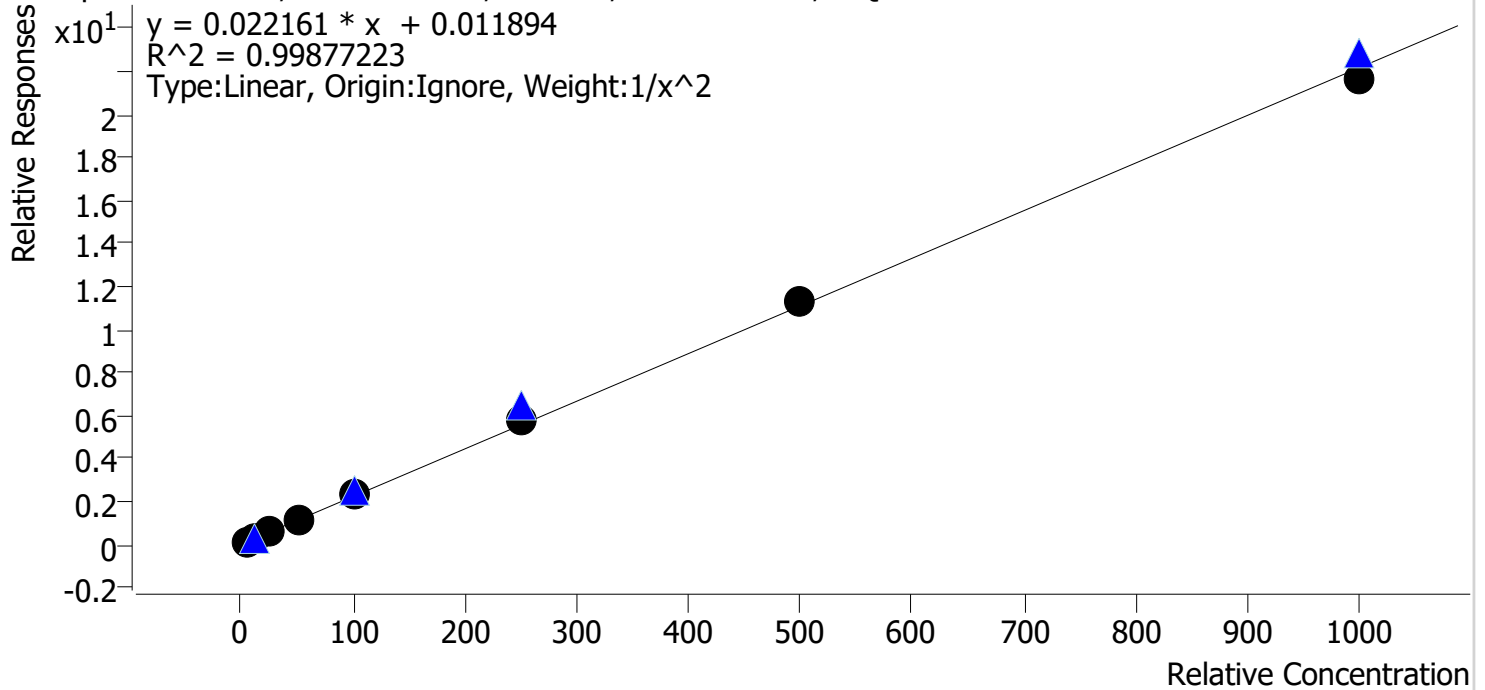
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	100.5
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	49.6	99.2
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	246.5	98.6
cal 7 mdq	7	✓	500.0	516.1	103.2
cal 8 mdq	8	✓	1000.0	1003.3	100.3

Compound Calibration Report



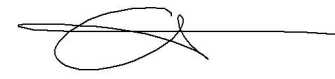
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



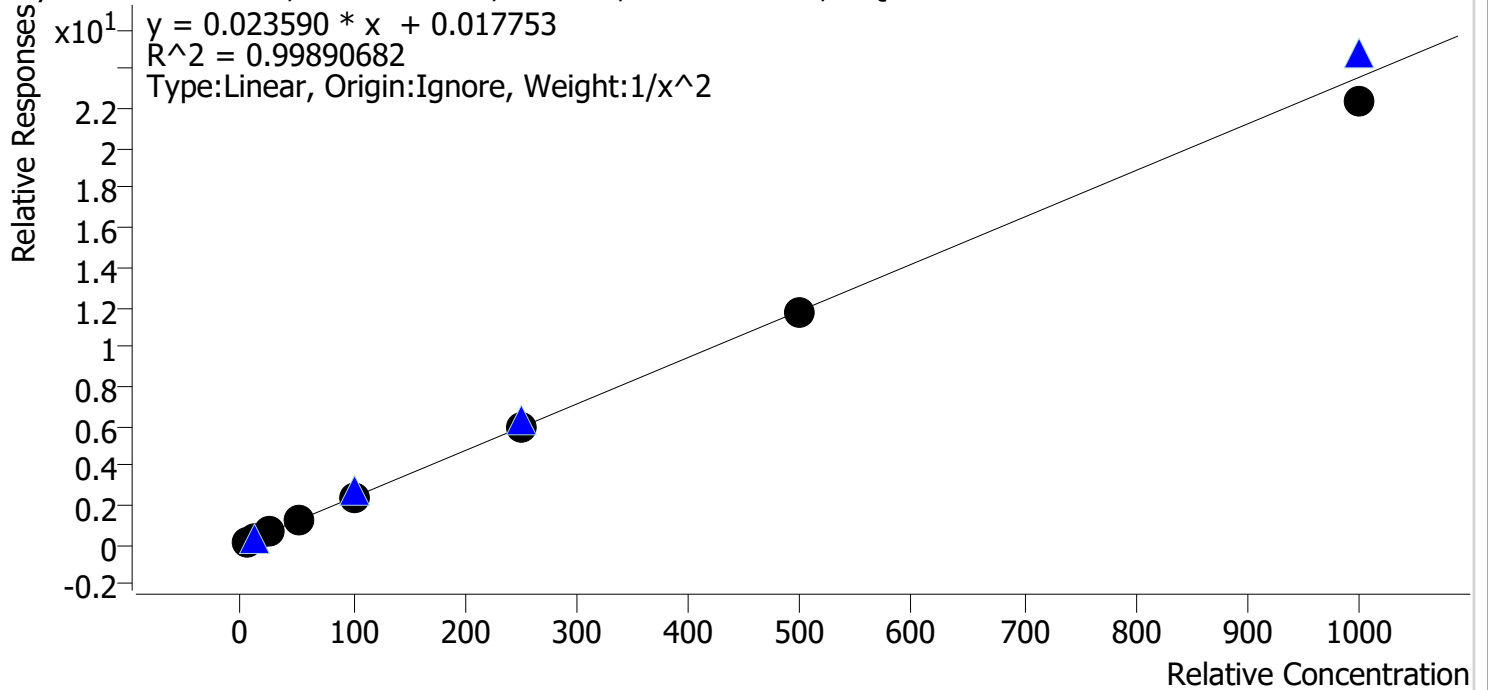
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	23.6	94.3
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	259.1	103.6
cal 7 mdq	7	✓	500.0	508.2	101.6
cal 8 mdq	8	✓	1000.0	977.1	97.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



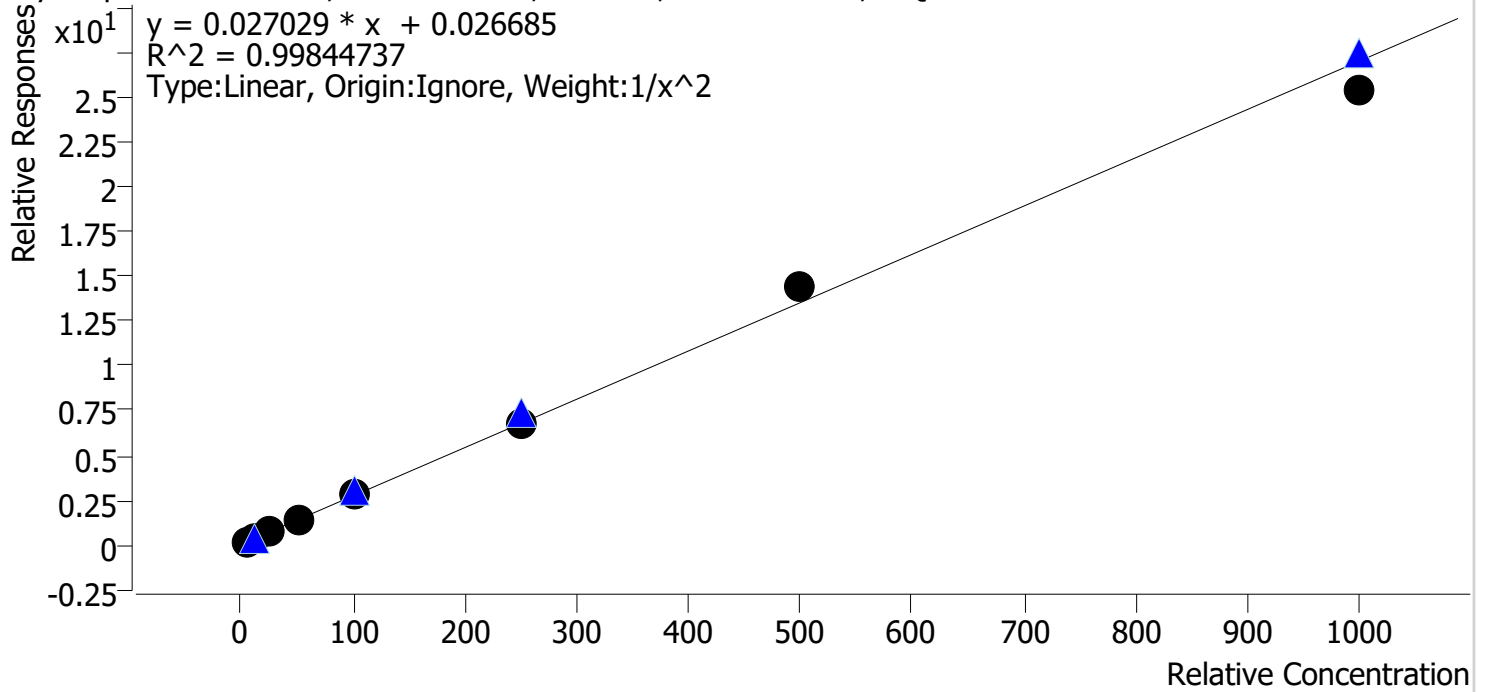
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	102.3	102.3
cal 6 mdq	6	✓	250.0	252.0	100.8
cal 7 mdq	7	✓	500.0	498.8	99.8
cal 8 mdq	8	✓	1000.0	945.3	94.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



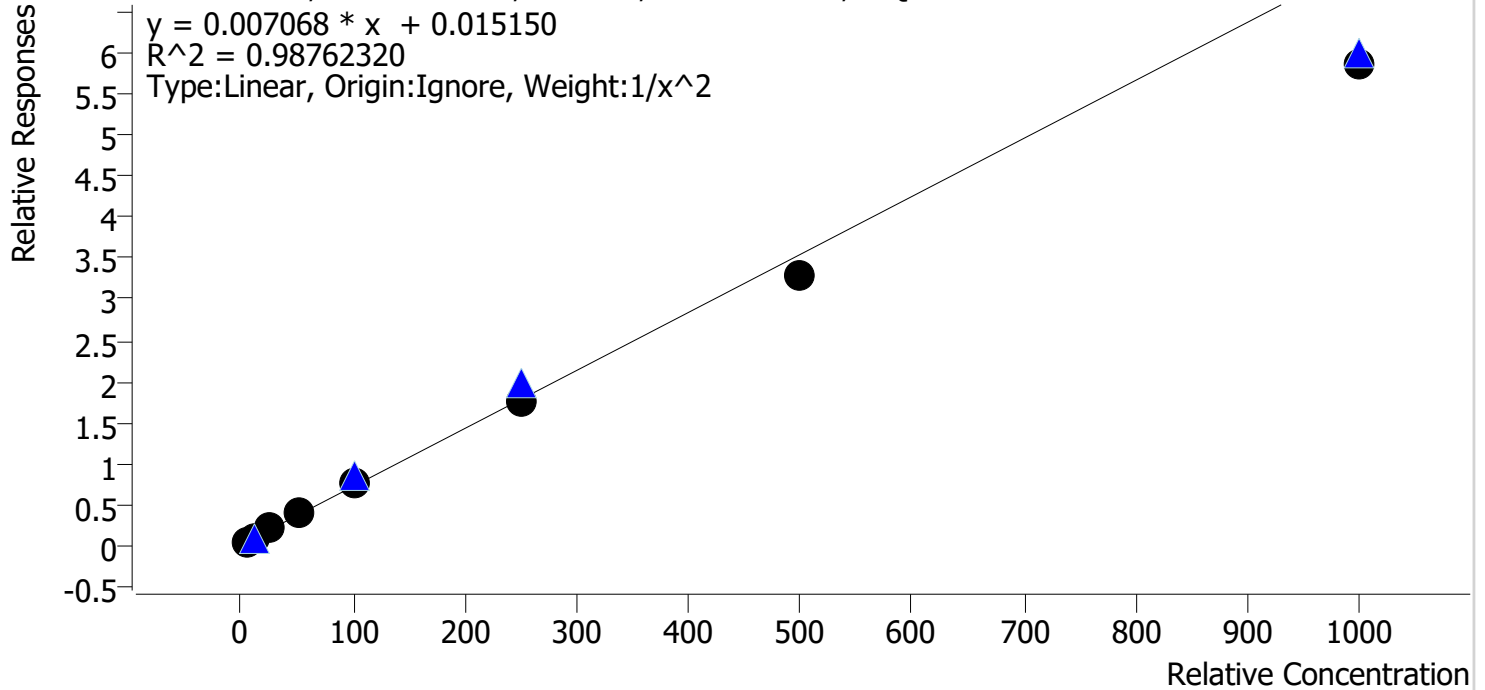
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	246.9	98.8
cal 7 mdq	7	✓	500.0	532.6	106.5
cal 8 mdq	8	✓	1000.0	941.2	94.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.5
cal 2 mdq	2	✓	10.0	10.9	108.5
cal 3 mdq	3	✓	25.0	26.3	105.2
cal 4 mdq	4	✓	50.0	55.1	110.3
cal 5 mdq	5	✓	100.0	107.4	107.4
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	464.1	92.8
cal 8 mdq	8	✓	1000.0	825.1	82.5

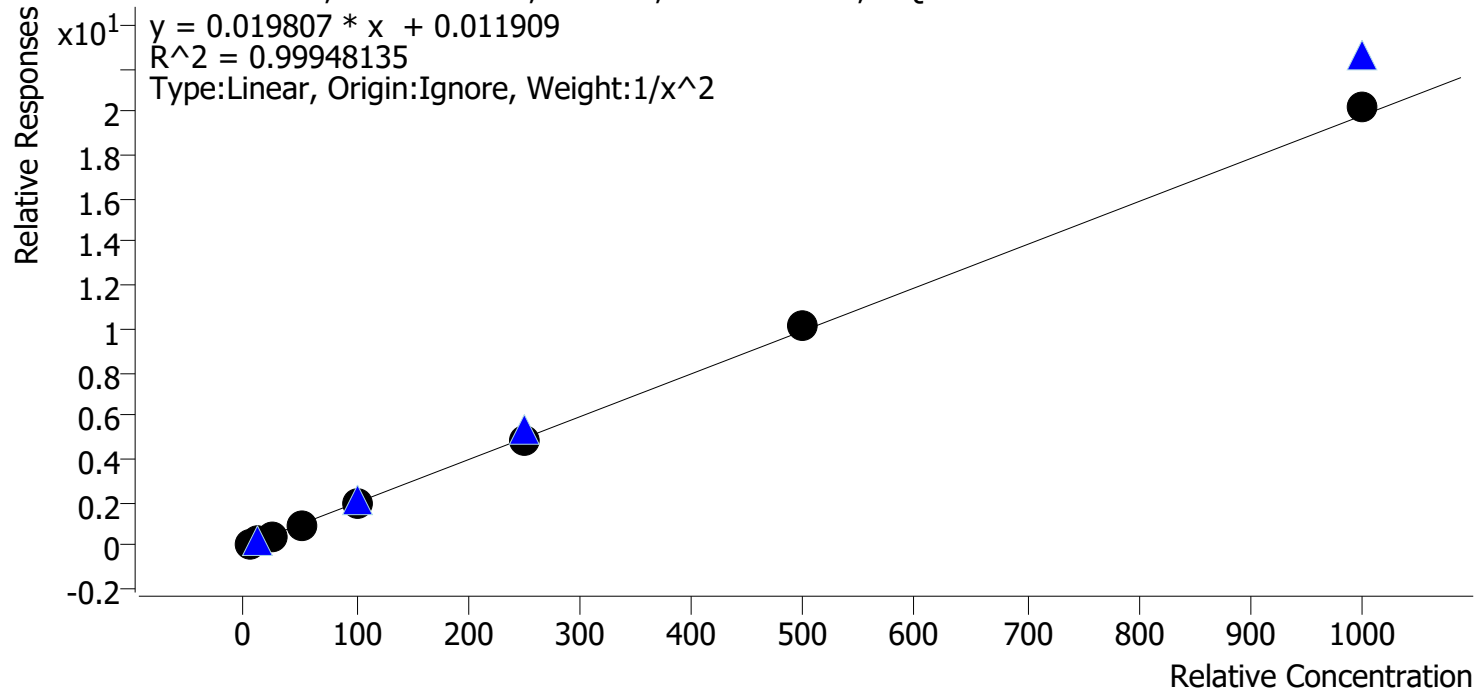
Evaluated qualitatively due to accuracy of 100 ng QC being out of range.

Compound Calibration Report



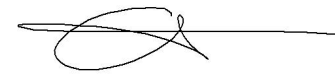
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



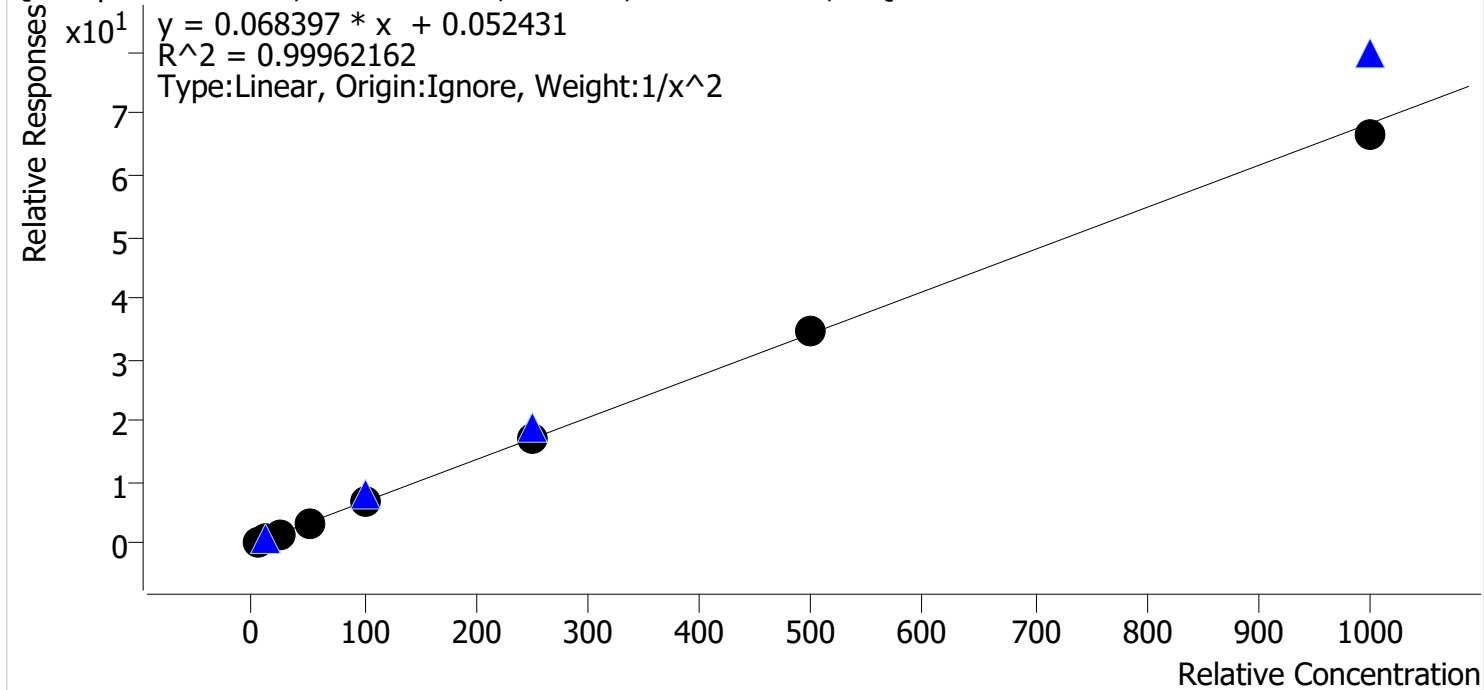
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	48.9	97.8
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	244.5	97.8
cal 7 mdq	7	✓	500.0	513.2	102.6
cal 8 mdq	8	✓	1000.0	1024.5	102.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



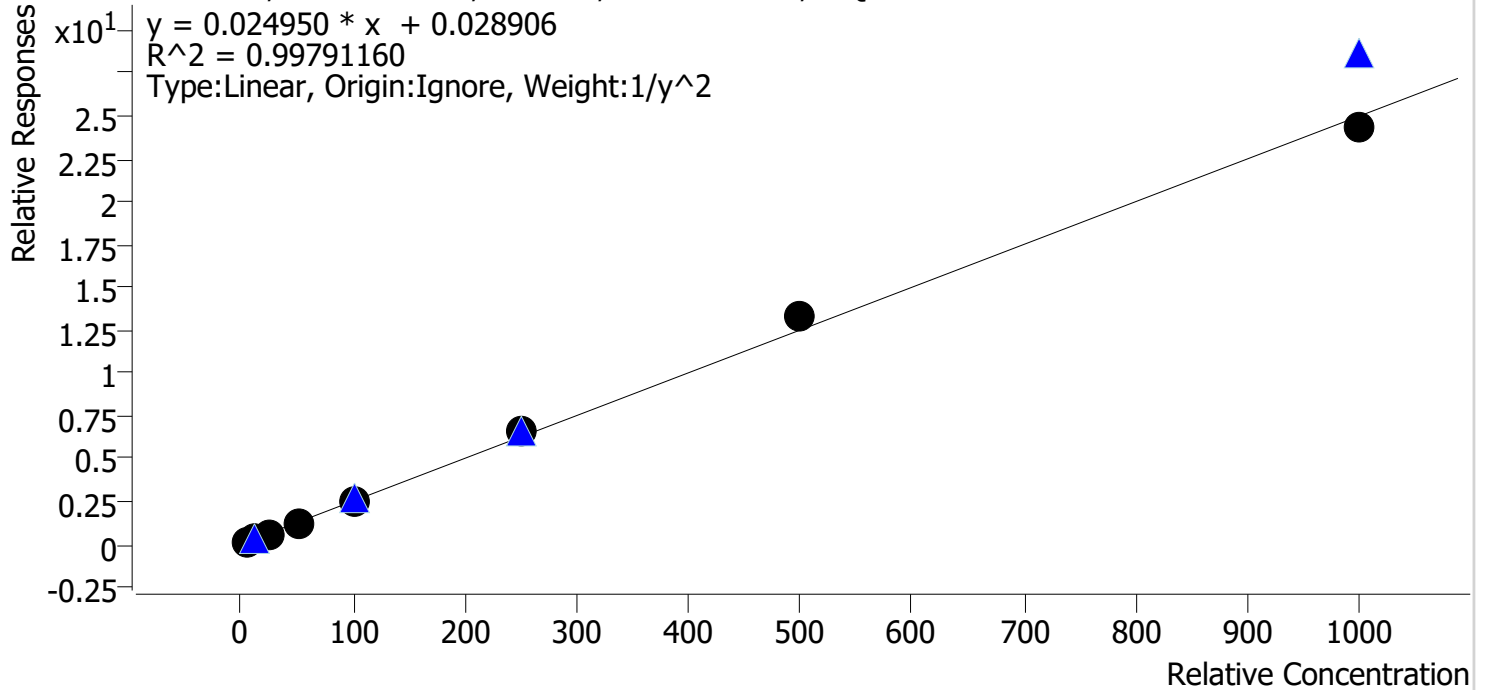
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	24.8	99.4
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	506.3	101.3
cal 8 mdq	8	✓	1000.0	969.9	97.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



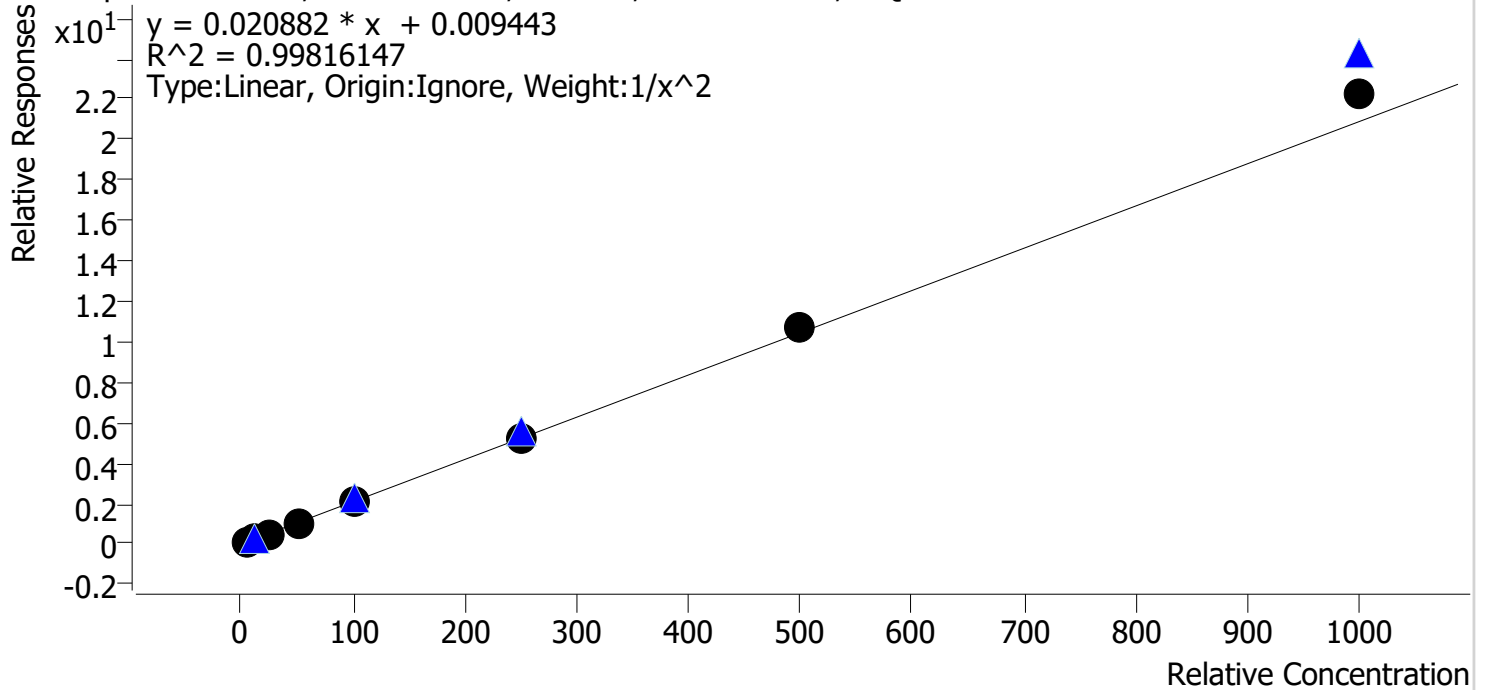
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	23.8	95.3
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	96.3	96.3
cal 6 mdq	6	✓	250.0	260.9	104.3
cal 7 mdq	7	✓	500.0	530.4	106.1
cal 8 mdq	8	✓	1000.0	974.6	97.5

Compound Calibration Report



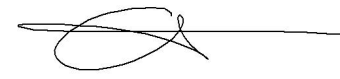
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



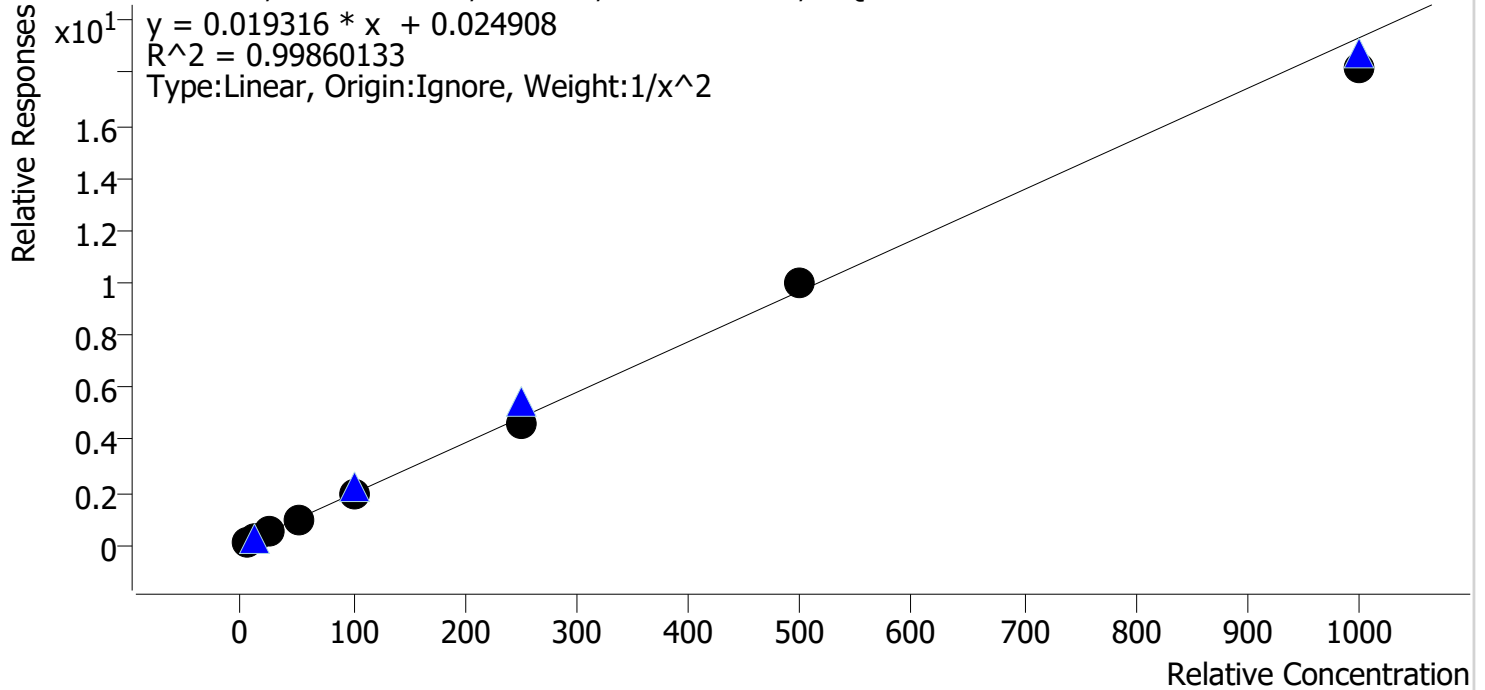
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	23.7	94.8
cal 4 mdq	4	✓	50.0	48.5	96.9
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	515.3	103.1
cal 8 mdq	8	✓	1000.0	1064.9	106.5

Compound Calibration Report



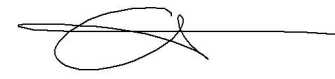
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



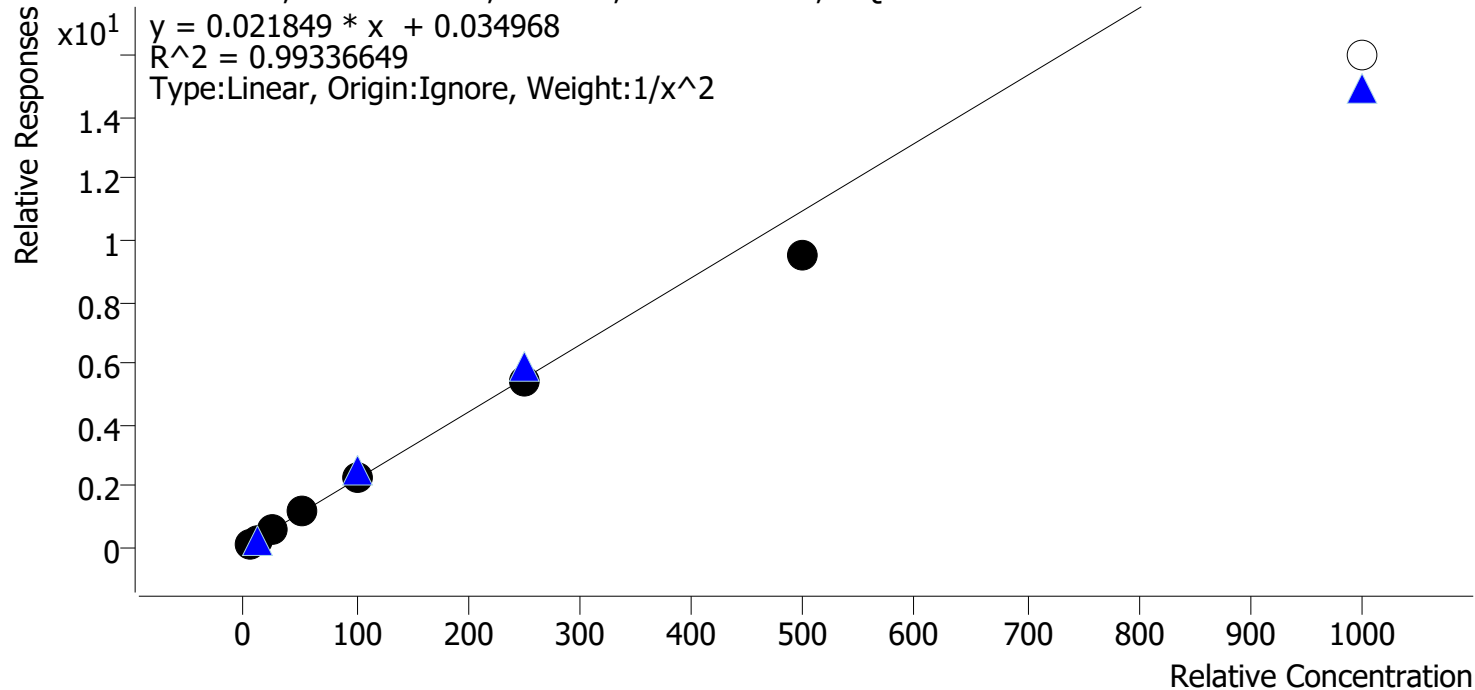
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	25.7	102.6
cal 4 mdq	4	✓	50.0	50.7	101.3
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	240.6	96.2
cal 7 mdq	7	✓	500.0	516.3	103.3
cal 8 mdq	8	✓	1000.0	943.8	94.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 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	4.8	96.1
cal 2 mdq	2	✓	10.0	10.5	104.6
cal 3 mdq	3	✓	25.0	26.2	104.7
cal 4 mdq	4	✓	50.0	53.2	106.4
cal 5 mdq	5	✓	100.0	103.3	103.3
cal 6 mdq	6	✓	250.0	244.8	97.9
cal 7 mdq	7	✓	500.0	434.6	86.9
cal 8 mdq	8	✗	1000.0	729.9	73.0

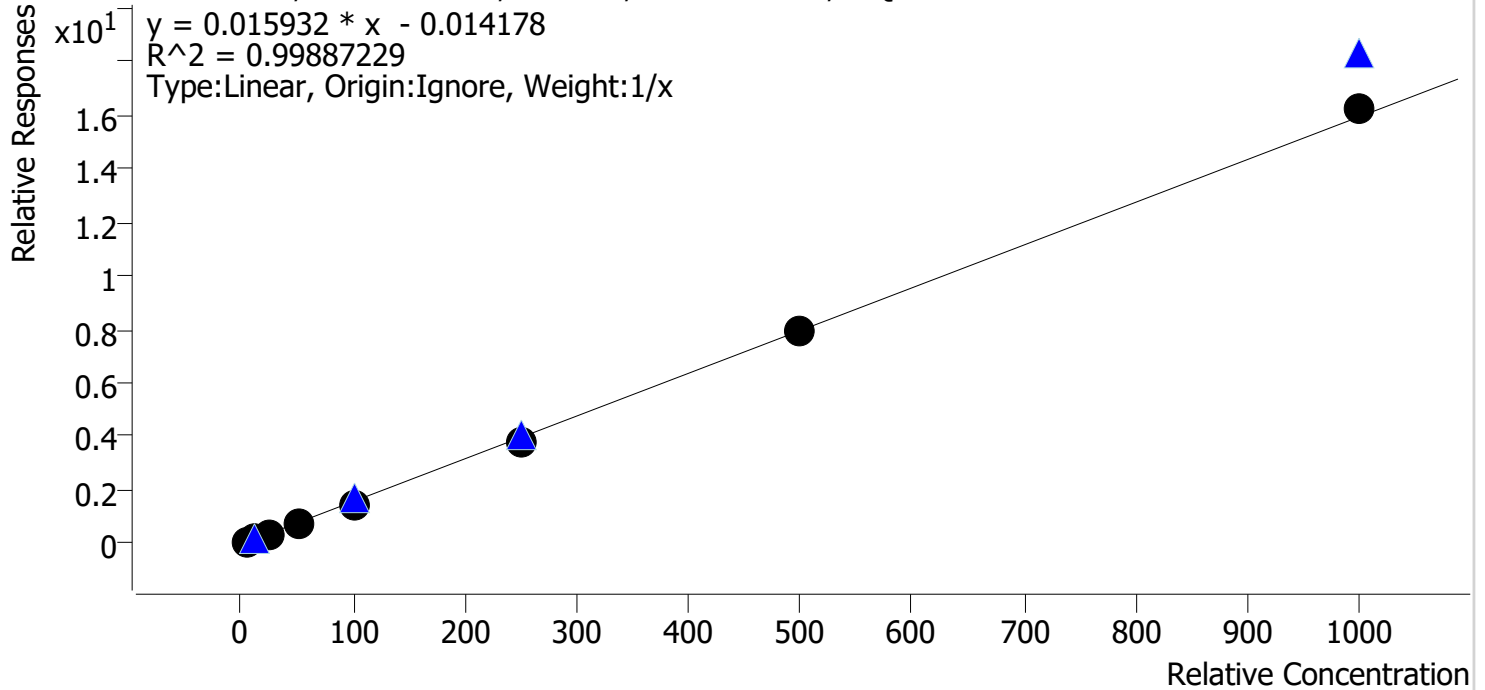
Cal 8 dropped due to accuracy

Compound Calibration Report



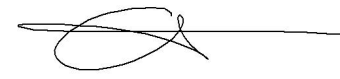
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



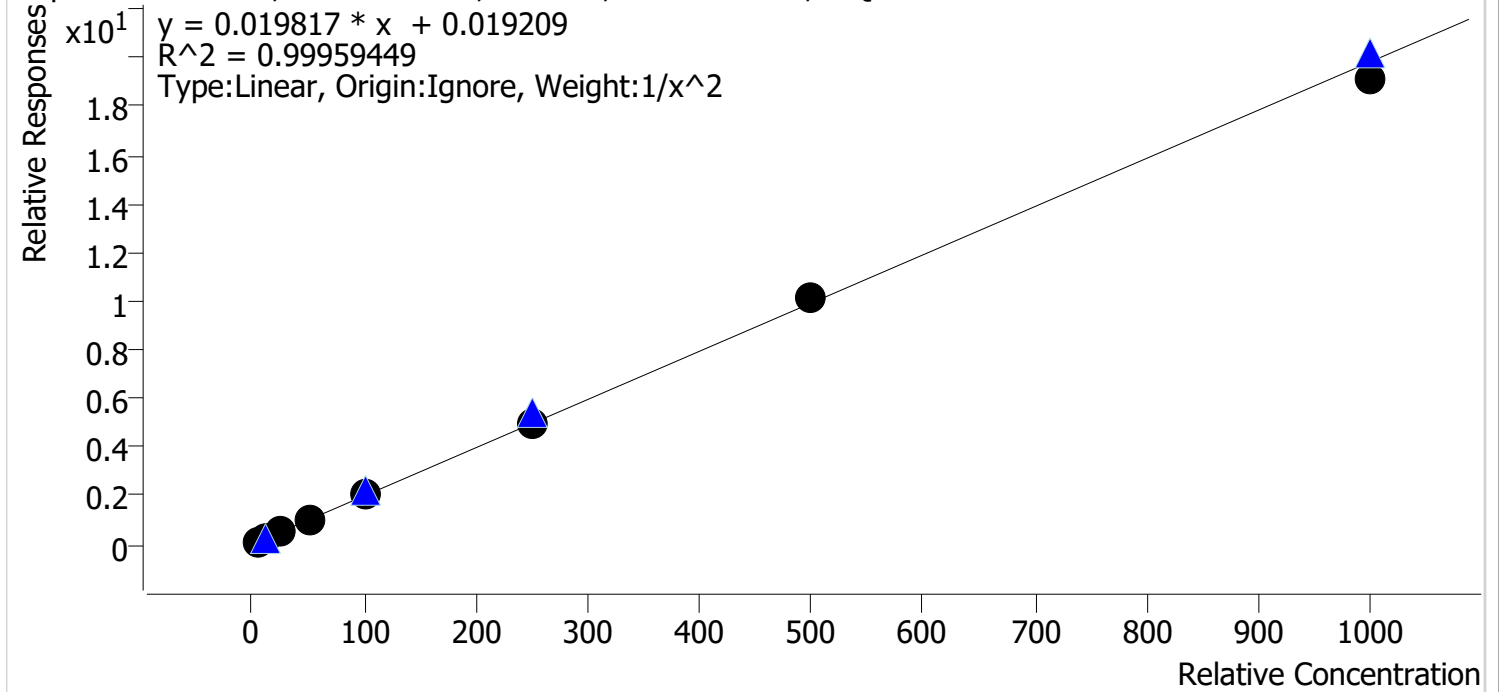
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	6.0	119.1
cal 2 mdq	2	✓	10.0	10.4	104.3
cal 3 mdq	3	✓	25.0	23.5	94.2
cal 4 mdq	4	✓	50.0	45.7	91.5
cal 5 mdq	5	✓	100.0	92.5	92.5
cal 6 mdq	6	✓	250.0	240.2	96.1
cal 7 mdq	7	✓	500.0	501.9	100.4
cal 8 mdq	8	✓	1000.0	1019.7	102.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



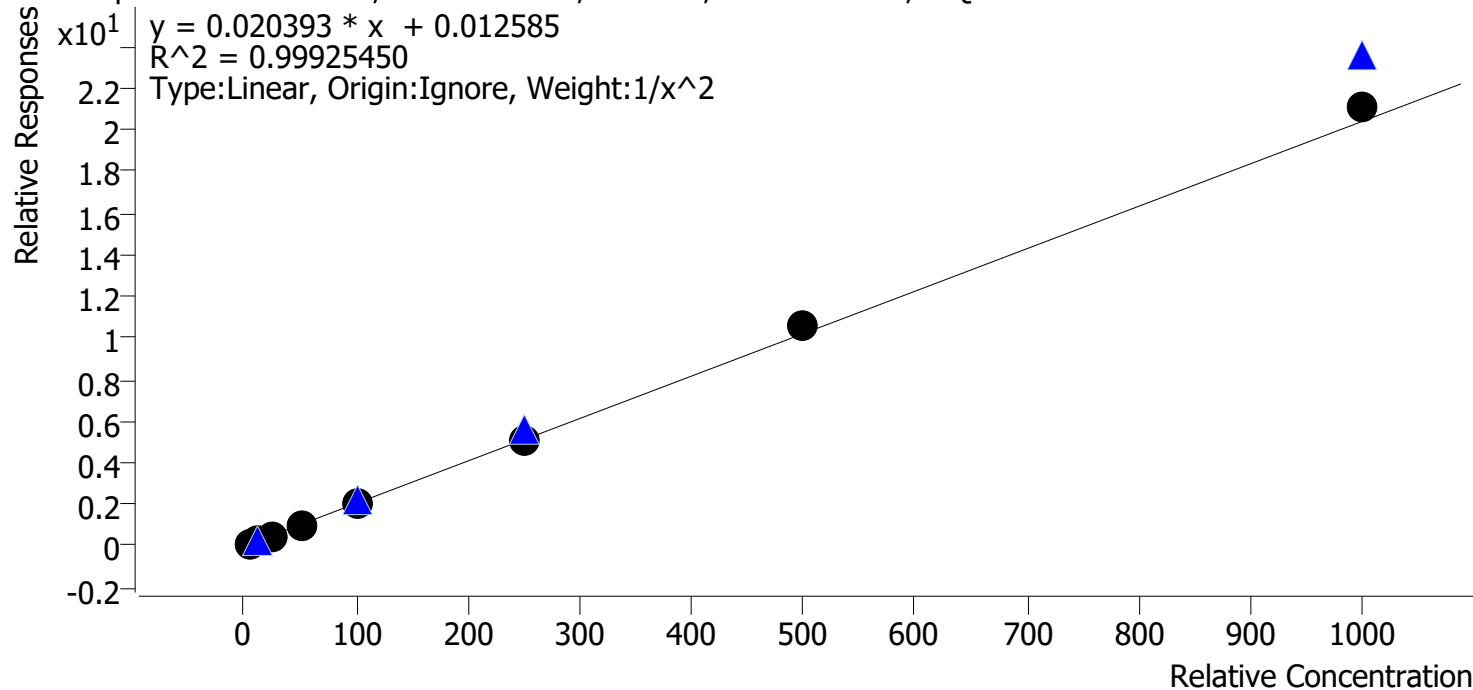
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	508.7	101.7
cal 8 mdq	8	✓	1000.0	966.6	96.7

Compound Calibration Report



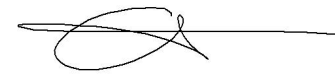
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



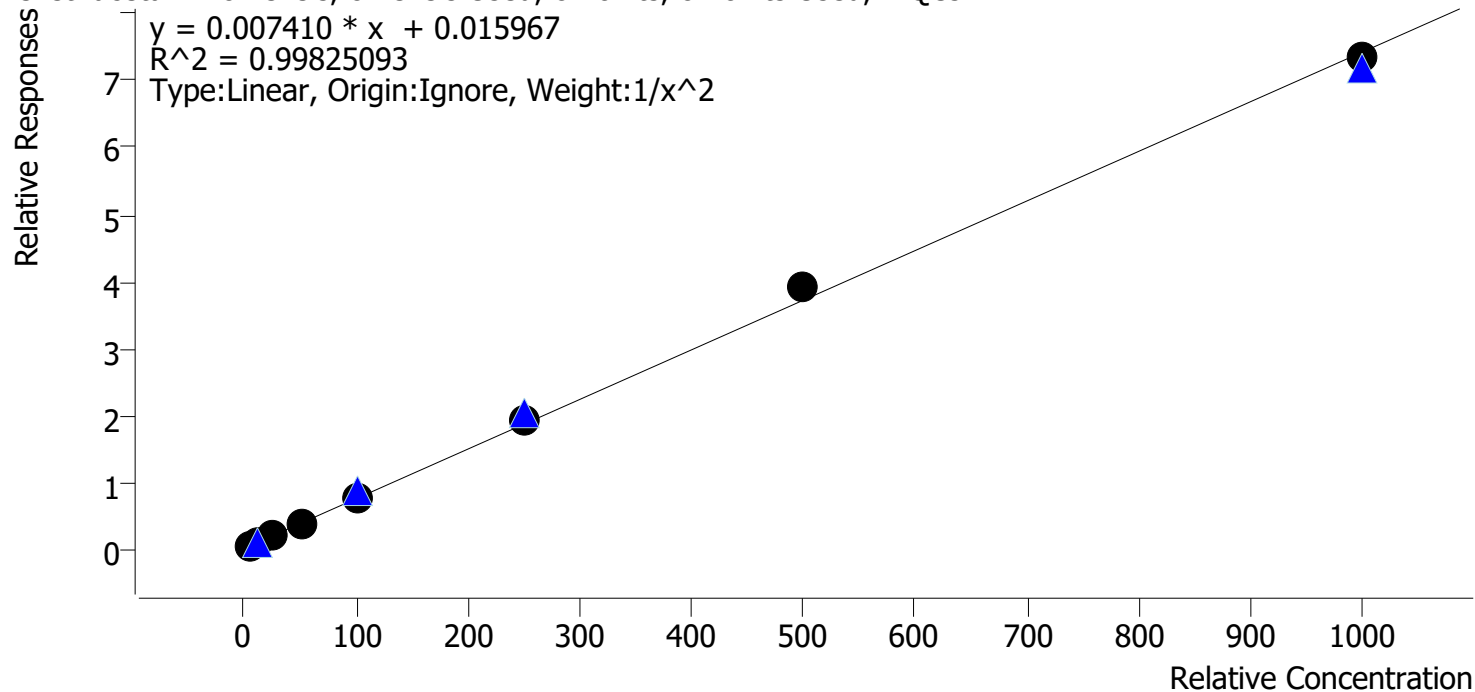
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.1	96.5
cal 4 mdq	4	✓	50.0	48.9	97.9
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	515.5	103.1
cal 8 mdq	8	✓	1000.0	1030.1	103.0

Compound Calibration Report



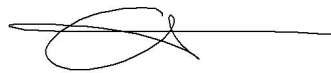
Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Phentermine-D5

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



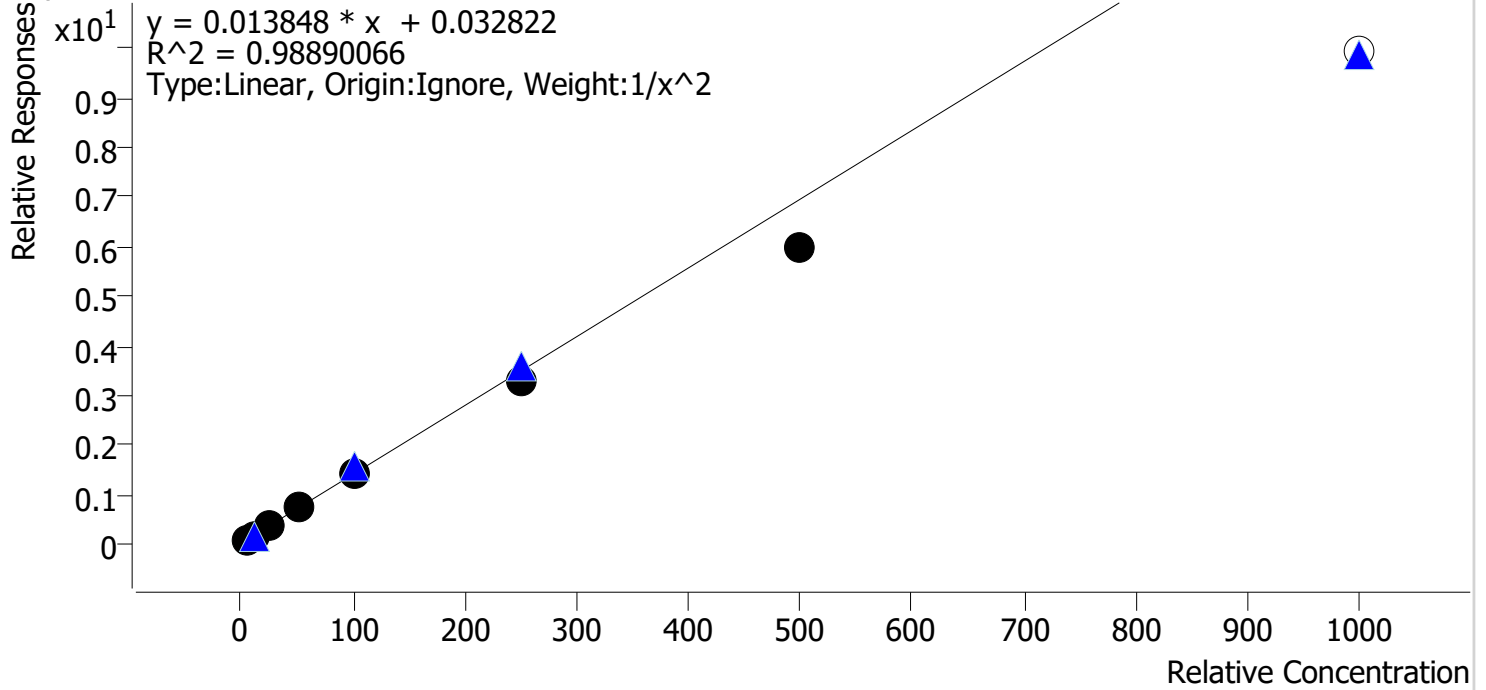
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	9.5	94.7
cal 3 mdq	3	✓	25.0	24.5	97.8
cal 4 mdq	4	✓	50.0	48.7	97.3
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	257.4	102.9
cal 7 mdq	7	✓	500.0	528.1	105.6
cal 8 mdq	8	✓	1000.0	989.1	98.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Last Cal. Update 10/8/2021 9:12 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	94.2
cal 2 mdq	2	✓	10.0	10.7	106.9
cal 3 mdq	3	✓	25.0	26.9	107.6
cal 4 mdq	4	✓	50.0	54.7	109.4
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	235.0	94.0
cal 7 mdq	7	✓	500.0	427.1	85.4
cal 8 mdq	8	✗	1000.0	714.5	71.4

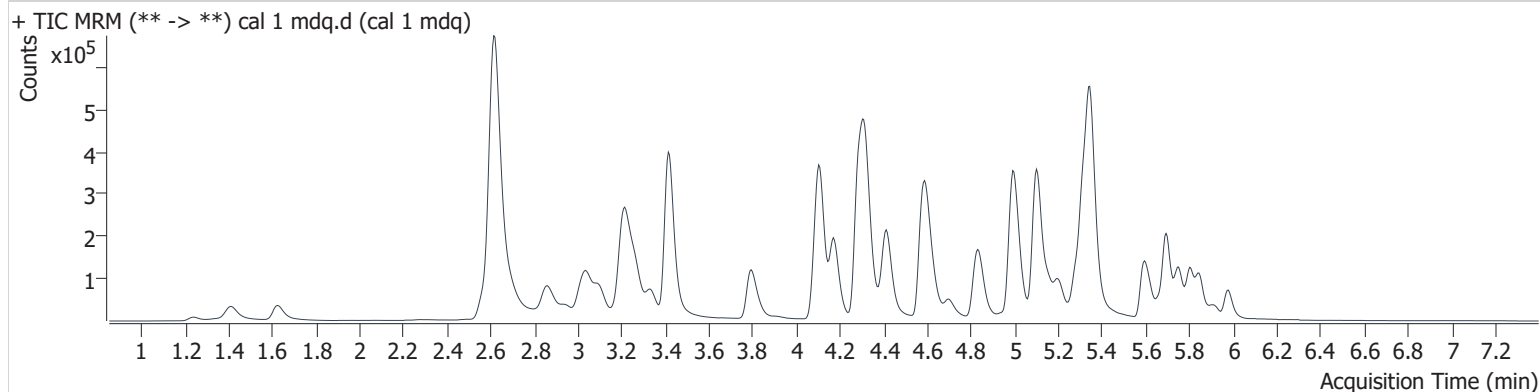
cal 8 dropped due to accuracy

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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 10/7/2021 6:17:16 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.186	1267	∞	126.5	3136.2	57618	0.510 ng/ml
7-aminoclonazepam	4.323	8117	3474.0	74.6	3818.1	86278	4.915 ng/ml
a-hydroxyalprazolam	5.734	1448	313.6	60.3	70.3	192653	4.669 ng/ml
alpha-PHP	4.998	47307	∞	41.4	∞	298580	4.687 ng/ml
alpha-PVP	4.424	71460	33978.2	53.0	1809.4	514574	5.054 ng/ml
Alprazolam	5.807	29595	∞	93.0	∞	192653	4.919 ng/ml
Amphetamine	3.103	101239	6358.0	40.9	7180.7	298580	4.651 ng/ml
Buprenorphine	5.929	906	979.8	9.3 Low	53.2	49412	0.422 ng/ml
Bupropion	4.852	59178	∞	71.3	1927.1	478996	4.948 ng/ml
Carisoprodol	5.758	20552	35581.7	56.5	1351.7	141914	5.101 ng/ml
Citalopram	5.285	37652	671.0	39.7	∞	298097	4.987 ng/ml
Clonazepam	5.656	2487	2676.6	30.7	1256.9	9038	0.743 ng/ml
Clonazolam	5.597	5411	11356.3	34.2	2275.3	192653	4.785 ng/ml
Cocaine	4.317	54681	604372.2	50.9	∞	784362	4.954 ng/ml
Codeine	2.629	8456	14641.6	85.1	1355.4	67358	4.634 ng/ml
Cyclobenzaprine	5.668	14895	7398.5	9.0	∞	87678	4.989 ng/ml
Dextromethorphan	5.324	22800	33555.4	75.3	36374.3	191028	5.389 ng/ml
Dextrophan	4.175	46306	∞	45.2	623688.7	446644	4.973 ng/ml
Diazepam	5.980	16670	3471.9	83.9	142064.6	144826	4.939 ng/ml
Dihydrocodeine	2.603	21485	16368.0	63.6	13140.6	219072	4.712 ng/ml
Diphenhydramine	5.351	119506	3269.6	31.4	∞	1042815	5.108 ng/ml
Doxylamine	4.602	157786	237901.0	75.3	22601.4	1067400	4.999 ng/ml
EDDP	5.318	75941	∞	41.2	∞	631225	5.050 ng/ml
Etizolam	5.847	18290	∞	22.9	18763.5	192653	5.052 ng/ml
Fentanyl	5.165	2015	11329.0	112.5	802.2	179757	0.509 ng/ml
Flualprazolam	5.744	12678	3499.5	98.6	18491.8	192653	4.842 ng/ml
Fluoxetine	5.745	10463	12049.3	8.0	4476.9	73470	4.869 ng/ml
Hydrocodone	3.075	21771	3287.9	35.3	∞	212939	4.970 ng/ml
Hydromorphone	1.633	18482	4611263052 0988.3	66.4	1144.9	112020	5.015 ng/ml
Ketamine	4.109	48120	12682.1	37.7	643.8	439201	4.888 ng/ml
Lamotrigine	4.345	3967	6752.7	96.5	10263.4	174510	4.759 ng/ml
Levetiracetam	2.692	21063	1156.3	225.7	1384.9	388435	5.163 ng/ml

AM #28 Multi-Drug Quant. Results

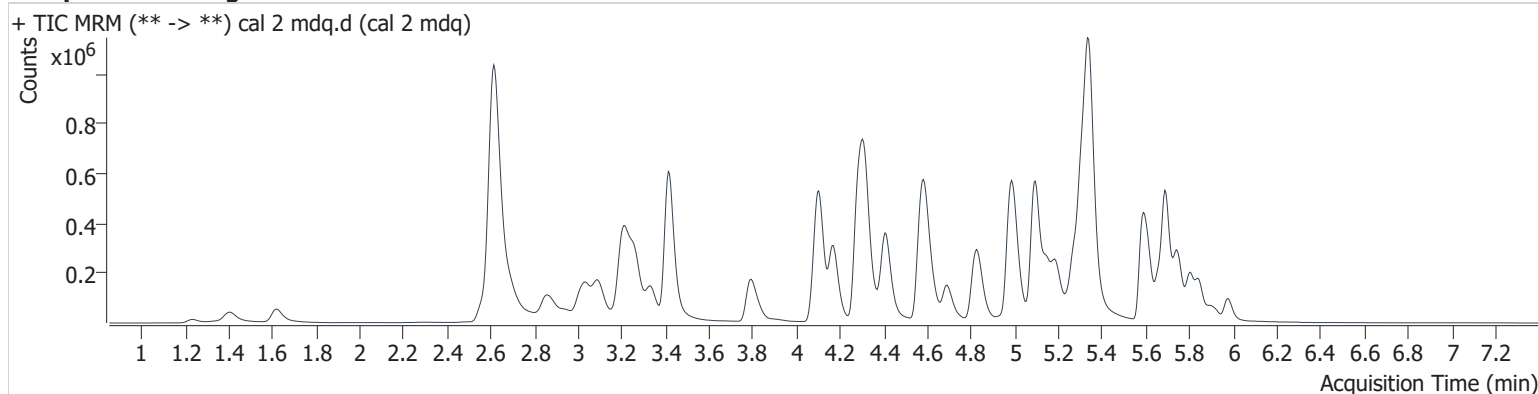
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	1898	∞	49.7	19.4	17543	4.691 ng/ml
MDA	3.251	54807	40266.6	25.4	∞	286960	4.811 ng/ml
MDMA	3.343	49014	∞	92.1	12854.1	90096	4.998 ng/ml
Meprobamate	4.967	4660	12137.6	32.4	197.8	25960	4.853 ng/ml
Methadone	5.698	50950	∞	58.0	∞	420253	5.013 ng/ml
Methamphetamine	3.272	128974	4309.4	40.9	946.7	732338	4.886 ng/ml
Metoprolol	4.380	14157	∞	103.7	∞	286960	5.019 ng/ml
Mirtazapine	4.701	70737	203964.8	49.2	43697.6	420253	5.099 ng/ml
Mitragynine	5.305	9676	35496.5	29.4	∞	2341268	4.558 ng/ml
Morphine	1.246	3545	2994.8	17.3	5618.1	7465	5.013 ng/ml
Nordiazepam	5.929	4738	6461.9	62.9	5115.0	28187	4.923 ng/ml
Norfentanyl	4.130	3724	332.1	40.1	6196.3	769149	0.563 ng/ml
Norhydrocodone	3.116	1552	∞	23.8	∞	58400	5.038 ng/ml
Noroxycodone	2.962	14742	∞	40.5	∞	87511	4.864 ng/ml
O-desmethyl-tramadol	3.424	127581	87904.8	6.1	1913.1	1122617	5.000 ng/ml
Oxazepam	5.788	2161	80.5	86.2	68.8	17543	5.023 ng/ml
Oxycodone	2.889	41218	∞	27.3	∞	309615	4.891 ng/ml
Oxymorphone	1.414	23019	∞	44.5	∞	142446	4.992 ng/ml
Phentermine	3.827	18716	259.0	10.1	115.4	388435	4.673 ng/ml
Promethazine	5.595	20653	37675.6	38.5	1210.0	186765	4.982 ng/ml
Pseudoephedrine	2.626	270781	4346.8	24.3	∞	2341268	5.054 ng/ml
Quetiapine	5.618	56543	69378.7	62.1	242107.2	144607	4.950 ng/ml
Sertraline	5.818	4455	∞	84.2	4965.9	29146	4.968 ng/ml
Temazepam	5.855	20199	1329.5	27.2	168.4	174510	5.091 ng/ml
Tramadol	4.298	122541	6849.9	3.6	118.7	1020047	4.930 ng/ml
Trazodone	5.258	32406	129314.8	82.9	113533.2	231540	4.805 ng/ml
Venlafaxine	5.100	83236	7571.5	39.2	906.8	1031237	5.956 ng/ml
Zolpidem	5.016	120255	269297.2	28.7	94443.6	1009706	5.041 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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 10/7/2021 6:26:20 PM
Sample Info.

Sample Chromatogram

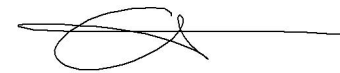


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.186	2992	74834.5	133.4	7777.6	76330	0.978 ng/ml
7-aminoclonazepam	4.318	17911	7935.6	71.7	32635.7	100144	10.226 ng/ml
a-hydroxyalprazolam	5.734	3932	1688.5	49.7	1431.2	218046	11.368 ng/ml
alpha-PHP	4.987	139563	548388.0	40.3	8404.1	425332	10.799 ng/ml
alpha-PVP	4.418	193505	228322.4	52.9	12154.0	758141	9.949 ng/ml
Alprazolam	5.807	68451	∞	89.8	19757.1	218046	10.452 ng/ml
Amphetamine	3.098	266070	8878.5	41.7	2753.6	425332	10.804 ng/ml
Benzoylcegonine	3.932	3074	8558.0	55.0	186.2	10214	9.946 ng/ml
Buprenorphine	5.929	3288	6825.2	17.5	276.2	110493	0.928 ng/ml
Bupropion	4.842	178379	85848.9	70.5	4746.2	742482	10.255 ng/ml
Carisoprodol	5.758	45679	96597.4	59.9	1504.3	177078	9.693 ng/ml
Citalopram	5.275	136706	4358.4	39.2	103257.5	576842	9.980 ng/ml
Clonazepam	5.651	4730	14429.5	46.2 High	17253.2	10210	4.815 ng/ml
Clonazepam	5.597	12876	∞	36.2	23668.5	218046	10.977 ng/ml
Cocaine	4.317	144757	∞	50.4	∞	1098616	10.219 ng/ml
Codeine	2.629	20062	∞	90.1	84941.4	84348	10.902 ng/ml
Cyclobenzaprine	5.663	109410	131750.6	9.4	7387.0	342888	10.107 ng/ml
Dextromethorphan	5.324	93514	∞	73.7	113642.0	431324	10.216 ng/ml
Dextrophan	4.170	129540	114819.9	44.1	452557.4	650942	10.228 ng/ml
Diazepam	5.980	36848	11490.4	87.0	5507.4	167763	10.182 ng/ml
Dihydrocodeine	2.597	52667	2124.8	61.0	1520.9	291172	10.691 ng/ml
Diphenhydramine	5.345	421896	19036.5	32.1	733428.7	2014068	9.840 ng/ml
Doxylamine	4.592	438349	1054122.5	77.6	41807.8	1583189	10.117 ng/ml
EDDP	5.313	224691	∞	41.3	325670.9	1036468	10.035 ng/ml
Etizolam	5.842	38252	98175.2	24.7	∞	218046	9.880 ng/ml
Fentanyl	5.165	11104	∞	121.7	14587.3	555770	0.982 ng/ml
Flualprazolam	5.739	28634	∞	94.0	∞	218046	10.563 ng/ml
Fluoxetine	5.745	79288	∞	7.2	∞	278082	10.592 ng/ml
Hydrocodone	3.069	53820	∞	38.5	∞	287276	10.103 ng/ml
Hydromorphone	1.628	43324	∞	79.5	2805828588 69570.0	141117	9.983 ng/ml
Ketamine	4.104	127398	23732.4	37.3	∞	616577	10.303 ng/ml
Lamotrigine	4.340	11023	4625.1	89.5	61964.4	223135	11.412 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.692	49102	6287.2	228.0	8717.3	569890	9.473 ng/ml
Lorazepam	5.781	4791	4228.0	43.3	41.1	21158	11.279 ng/ml
MDA	3.246	141568	7674.7	28.0	1405.6	399932	10.371 ng/ml
MDMA	3.338	136081	21456.4	94.5	5623.5	137550	9.956 ng/ml
Meprobamate	4.957	11590	45943.8	36.0	4068.5	36825	9.983 ng/ml
Methadone	5.692	214126	22933.7	54.7	∞	907214	10.199 ng/ml
Methamphetamine	3.267	296219	9250.1	41.1	2114.8	1076963	9.981 ng/ml
Metoprolol	4.375	38209	∞	96.5	∞	399932	9.946 ng/ml
Mirtazapine	4.691	267107	∞	49.8	247406.6	907214	9.903 ng/ml
Mitragynine	5.300	45897	84404.0	31.5	82367.5	3285589	11.804 ng/ml
Morphine	1.241	8546	7475.2	19.5	379.1	10031	9.891 ng/ml
Norbuprenorphine	5.051	345	∞	104.2	893.2	13957	1.058 ng/ml
Nordiazepam	5.929	12094	23469.6	60.0	24362.3	37709	10.223 ng/ml
Norfentanyl	4.130	10206	1259.6	37.0	∞	1057541	1.074 ng/ml
Norhydrocodone	3.116	4531	∞	26.8	∞	83372	10.138 ng/ml
Noroxycodone	2.962	36652	∞	47.3	3008436436 4750.2	111652	10.489 ng/ml
O-desmethyl-tramadol	3.419	334048	∞	5.8	3422.2	1572603	10.050 ng/ml
Oxazepam	5.788	5001	823.6	73.2	∞	21158	10.128 ng/ml
Oxycodone	2.884	103786	∞	29.0	∞	394391	10.403 ng/ml
Oxymorphone	1.409	47584	∞	44.9	∞	159295	10.064 ng/ml
Phentermine	3.827	52352	22516.6	9.7	9705.9	569890	10.853 ng/ml
Promethazine	5.590	149036	∞	40.8	19581.3	699281	10.159 ng/ml
Pseudoephedrine	2.626	709486	55048.6	24.3	∞	3285589	9.972 ng/ml
Quetiapine	5.613	209206	289107.2	65.4	2945838.8	279309	10.184 ng/ml
Sertraline	5.813	20985	20269.7	96.2	92567.1	72758	10.401 ng/ml
Temazepam	5.850	48313	∞	28.6	1209.3	223135	9.917 ng/ml
Tramadol	4.298	315706	24535.8	3.6	589.1	1429804	10.142 ng/ml
Trazodone	5.248	153507	∞	80.9	155036.1	582328	10.465 ng/ml
Venlafaxine	5.094	227207	12169.2	40.2	1487.7	1494537	10.432 ng/ml
Zolpidem	5.006	312600	527547.6	29.5	∞	1463591	9.809 ng/ml

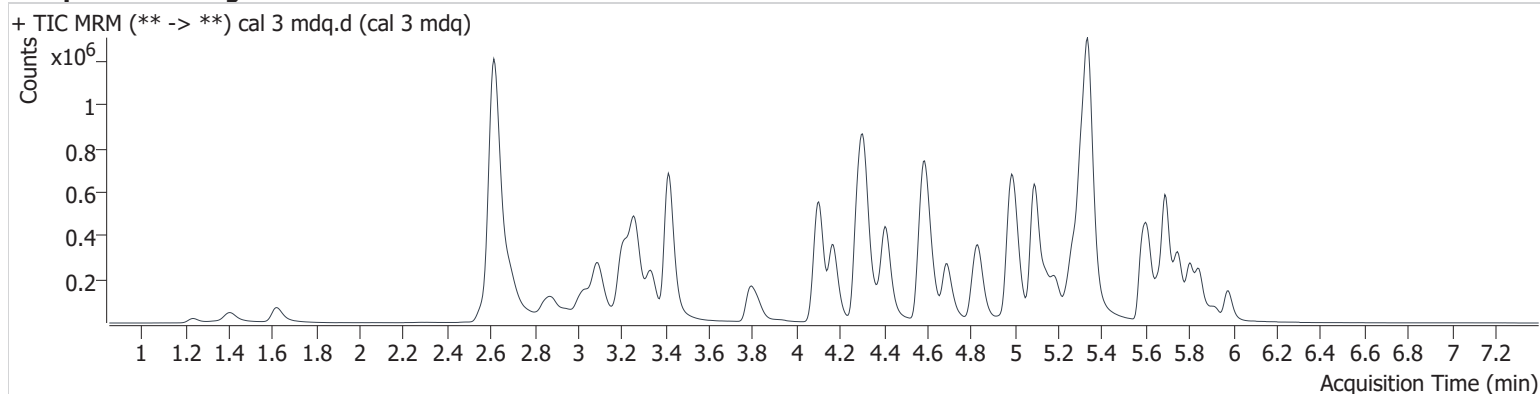
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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	10/7/2021 6:35:22 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.186	6205	∞	135.9	∞	68300	2.383 ng/ml
7-aminoclonazepam	4.318	44327	16693.0	70.6	10552.6	105658	25.302 ng/ml
a-hydroxyalprazolam	5.734	8660	164.9	58.7	974.6	224161	24.488 ng/ml
alpha-PHP	4.982	287807	∞	41.8	141528.5	377969	26.409 ng/ml
alpha-PVP	4.413	405554	18749.5	53.1	457485.1	679191	24.329 ng/ml
Alprazolam	5.807	159595	∞	92.5	3265.1	224161	24.188 ng/ml
Amphetamine	3.093	535253	20115.4	40.7	5879.3	377969	27.784 ng/ml
Benzoylcegonine	3.937	6674	20428.7	56.2	149.9	9501	25.086 ng/ml
Buprenorphine	5.924	6054	517.4	17.6	6465.1	96578	2.387 ng/ml
Bupropion	4.837	370085	37956.5	71.5	4383.4	664478	24.659 ng/ml
Carisoprodol	5.758	115738	154853.9	57.1	2482.9	184808	24.641 ng/ml
Citalopram	5.275	276941	3394.0	38.4	8229.9	477718	25.440 ng/ml
Clonazepam	5.651	13205	32131.4	33.6	16571.3	9888	23.698 ng/ml
Clonazepam	5.592	29022	54421.3	39.8	10168.8	224161	25.056 ng/ml
Cocaine	4.312	298699	1738583.9	50.2	790991.6	981245	24.869 ng/ml
Codeine	2.629	39251	91192.6	88.0	∞	73713	27.346 ng/ml
Cyclobenzaprine	5.663	170306	86777.0	8.7	3325.8	229466	24.621 ng/ml
Dextromethorphan	5.319	178877	238769.6	75.0	176725.4	352928	24.582 ng/ml
Dextrophan	4.170	268553	3697138.8	45.6	1069109.6	589087	24.389 ng/ml
Diazepam	5.980	97771	21263.2	87.0	2081.7	186303	25.486 ng/ml
Dihydrocodeine	2.597	107733	2208.2	61.6	287.1	265870	26.890 ng/ml
Diphenhydramine	5.340	852441	21012.7	31.8	∞	1740742	23.816 ng/ml
Doxylamine	4.592	909714	∞	78.0	76649.9	1426481	24.428 ng/ml
EDDP	5.308	457008	587777.1	43.6	238104.4	942690	23.884 ng/ml
Etizolam	5.842	94437	∞	23.9	136805.7	224161	24.628 ng/ml
Fentanyl	5.160	19330	∞	117.8	∞	421555	2.377 ng/ml
Flualprazolam	5.739	67350	1521.0	97.2	23464.8	224161	25.330 ng/ml
Fluoxetine	5.745	99767	802040.7	7.4	130395.9	159137	24.297 ng/ml
Hydrocodone	3.069	113894	∞	37.8	∞	263479	24.873 ng/ml
Hydromorphone	1.628	92562	∞	75.6	∞	122727	25.629 ng/ml
Ketamine	4.104	271266	∞	37.0	8106.5	569124	25.368 ng/ml
Lamotrigine	4.335	21938	31379.1	92.4	103477.7	235499	22.326 ng/ml
Levetiracetam	2.692	103535	4839.6	228.8	9976.1	525174	24.451 ng/ml

AM #28 Multi-Drug Quant. Results

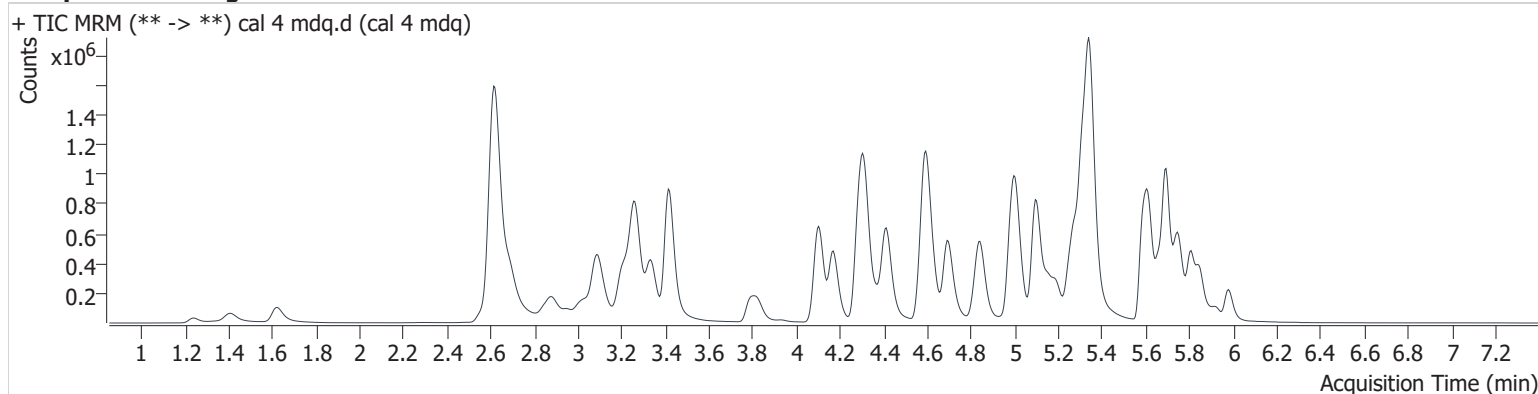
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	10260	1215.7	43.2	127.9	22599	23.955 ng/ml
MDA	3.246	284404	8449.9	27.6	3155.2	341071	26.741 ng/ml
MDMA	3.338	284963	278155.4	93.0	14589.0	121059	25.149 ng/ml
Meprobamate	4.957	26762	60516.7	31.2	656.7	34311	27.632 ng/ml
Methadone	5.692	414675	305131.3	57.1	∞	769766	23.876 ng/ml
Methamphetamine	3.267	600750	23393.1	41.0	3434.9	994409	26.931 ng/ml
Metoprolol	4.375	79150	481254.8	102.3	∞	341071	24.505 ng/ml
Mirtazapine	4.691	517582	2548820.7	48.6	14533875.2	769766	24.304 ng/ml
Mitragynine	5.294	89271	169288.3	32.2	32424.3	2983231	23.558 ng/ml
Morphine	1.241	17597	6007.4	14.5	1122.9	8718	24.982 ng/ml
Norbuprenorphine	5.056	567	1229.1	86.3	861.5	11750	2.481 ng/ml
Nordiazepam	5.929	32524	∞	63.5	∞	42639	25.576 ng/ml
Norfentanyl	4.130	21437	4581.5	39.6	775608.2	970844	2.393 ng/ml
Norhydrocodone	3.111	9762	∞	25.2	∞	75734	23.827 ng/ml
Noroxycodone	2.962	71775	∞	47.4	∞	96909	25.005 ng/ml
O-desmethyl-tramadol	3.419	712458	391686.3	6.2	7672.2	1418588	24.869 ng/ml
Oxazepam	5.788	12078	∞	72.3	∞	22599	23.580 ng/ml
Oxycodone	2.884	205091	∞	29.7	∞	337732	24.989 ng/ml
Oxymorphone	1.409	86904	∞	44.4	∞	125345	24.664 ng/ml
Phentermine	3.827	105547	598.1	9.6	∞	525174	26.290 ng/ml
Promethazine	5.584	236434	∞	42.1	16702.0	469435	24.827 ng/ml
Pseudoephedrine	2.626	1505439	47052.8	24.6	∞	2983231	24.128 ng/ml
Quetiapine	5.607	409683	∞	62.7	423714.9	233838	24.849 ng/ml
Sertraline	5.813	25626	7212.3	102.8	∞	41102	23.830 ng/ml
Temazepam	5.850	118770	17393.6	27.6	341.5	235499	23.700 ng/ml
Tramadol	4.293	679410	257873.7	3.6	1698.4	1305214	25.659 ng/ml
Trazodone	5.248	281380	∞	78.5	289186.3	463719	26.171 ng/ml
Venlafaxine	5.094	483641	57583.2	39.7	3495.0	1339800	23.547 ng/ml
Zolpidem	5.000	665520	∞	29.7	∞	1293579	24.993 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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 10/7/2021 6:44:24 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.186	12436	∞	129.6	25849.2	65519	5.073 ng/ml
7-aminoclonazepam	4.318	81795	19990.8	70.3	∞	97376	51.640 ng/ml
a-hydroxyalprazolam	5.734	17467	538.9	57.4	344.5	218640	50.763 ng/ml
alpha-PHP	4.987	575489	991871.7	40.1	∞	371704	54.752 ng/ml
alpha-PVP	4.418	795283	34095.0	53.8	23179.3	673390	48.891 ng/ml
Alprazolam	5.807	318126	∞	89.9	3573.9	218640	49.830 ng/ml
Amphetamine	3.093	981833	47827.8	41.8	13082.3	371704	54.100 ng/ml
Benzoylcegonine	3.932	12742	44307.4	55.9	∞	9020	51.860 ng/ml
Buprenorphine	5.924	13403	791.7	17.8	2802.8	114543	4.795 ng/ml
Bupropion	4.847	755819	1215726.8	69.9	22510.8	676445	50.144 ng/ml
Carisoprodol	5.763	210274	566904.8	56.6	∞	170859	49.173 ng/ml
Citalopram	5.280	576819	55408.6	38.1	162555.8	508717	50.438 ng/ml
Clonazepam	5.651	27412	29556.6	34.3	18148.6	10113	53.467 ng/ml
Clonazepam	5.597	52577	88118.2	42.0	15160.0	218640	47.250 ng/ml
Cocaine	4.312	571123	∞	50.8	15414030.2	957985	49.627 ng/ml
Codeine	2.623	69437	116849.6	93.1	12010.1	67469	55.066 ng/ml
Cyclobenzaprine	5.663	527170	1377915.5	9.2	∞	356128	49.941 ng/ml
Dextromethorphan	5.324	399649	4466987.7	75.7	9920.7	404695	48.393 ng/ml
Dextrophan	4.170	533713	∞	44.8	1487694.9	580338	49.955 ng/ml
Diazepam	5.980	197367	9741.4	84.9	∞	195848	49.707 ng/ml
Dihydrocodeine	2.592	204967	2219.8	60.2	7718.1	259335	54.702 ng/ml
Diphenhydramine	5.345	1791005	883699.0	30.9	58460.4	1839571	47.950 ng/ml
Doxylamine	4.597	1799958	∞	77.9	222033.8	1427074	49.158 ng/ml
EDDP	5.313	922134	3346635.8	43.4	546190.7	951722	48.900 ng/ml
Etizolam	5.847	184414	∞	23.1	56606.0	218640	49.952 ng/ml
Fentanyl	5.165	55853	183189.4	116.1	262698.4	582841	5.071 ng/ml
Flualprazolam	5.739	127946	393126.7	95.2	∞	218640	50.191 ng/ml
Fluoxetine	5.745	384167	22387.1	7.7	49218.4	297324	50.968 ng/ml
Hydrocodone	3.069	220001	∞	38.0	∞	256251	50.579 ng/ml
Hydromorphone	1.628	164289	∞	81.3	∞	118450	47.766 ng/ml
Ketamine	4.104	516707	35170.8	38.3	15770.0	545734	51.600 ng/ml
Lamotrigine	4.340	43346	∞	92.1	167612.6	219899	48.258 ng/ml
Levetiracetam	2.692	194414	16149.6	228.4	53102.0	516375	48.656 ng/ml

AM #28 Multi-Drug Quant. Results

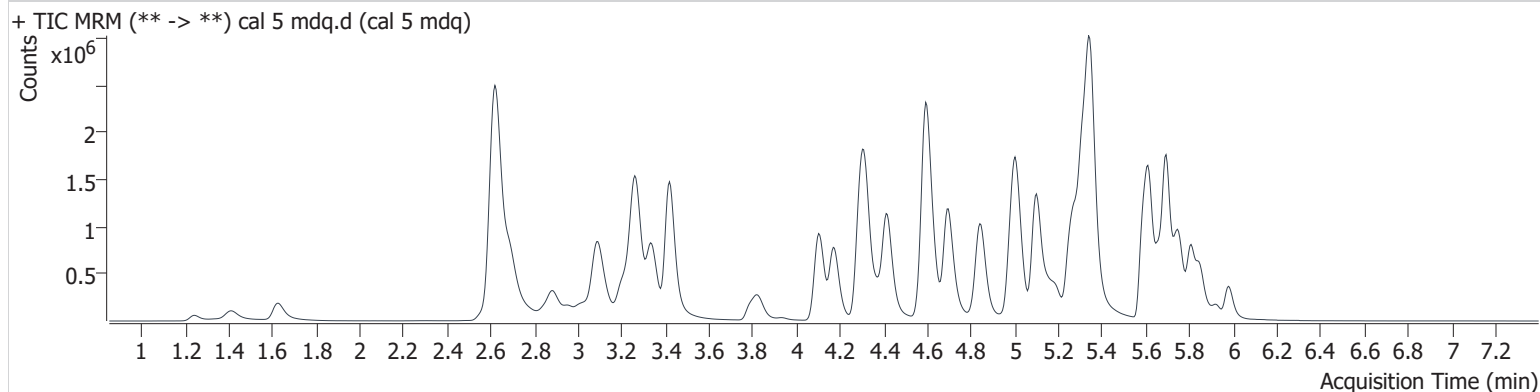
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	20358	1731.6	49.8	244.1	22704	48.616 ng/ml
MDA	3.240	521842	19972.2	27.5	∞	325280	53.023 ng/ml
MDMA	3.338	555375	∞	94.1	23463.6	119109	50.856 ng/ml
Meprobamate	4.967	50085	133627.7	30.6	46068.9	33180	55.305 ng/ml
Methadone	5.692	979705	271820.9	55.6	73009.9	910519	48.153 ng/ml
Methamphetamine	3.267	1141979	19674.5	40.7	10100.5	1008624	54.130 ng/ml
Metoprolol	4.375	153985	952076.2	101.8	∞	325280	50.238 ng/ml
Mirtazapine	4.691	1127421	81694.6	49.1	413480.3	910519	45.862 ng/ml
Mitragynine	5.300	204091	223880.9	33.4	104631.2	2842175	54.413 ng/ml
Morphine	1.241	34998	3307.9	18.0	5058.5	8801	50.310 ng/ml
Norbuprenorphine	5.051	1171	7024.5	103.1	1763.3	13423	4.833 ng/ml
Nordiazepam	5.929	67019	∞	61.6	8310.6	46062	49.615 ng/ml
Norfentanyl	4.130	40783	4217.6	37.8	34785.0	936571	4.671 ng/ml
Norhydrocodone	3.111	19851	∞	26.8	∞	77361	47.275 ng/ml
Noroxycodone	2.956	138953	∞	45.6	∞	92813	51.632 ng/ml
O-desmethyl-tramadol	3.419	1371750	103789.5	6.1	55326.0	1391592	49.592 ng/ml
Oxazepam	5.788	25011	∞	72.8	461.5	22704	49.172 ng/ml
Oxycodone	2.879	396149	∞	29.8	∞	328450	50.375 ng/ml
Oxymorphone	1.409	157635	∞	44.0	∞	113663	50.324 ng/ml
Phentermine	3.827	209091	2311.0	9.3	2203.3	516375	55.143 ng/ml
Promethazine	5.590	724359	∞	41.2	24763.3	739131	48.877 ng/ml
Pseudoephedrine	2.621	2871799	58247.9	24.6	∞	2842175	48.929 ng/ml
Quetiapine	5.613	860883	3131154.1	62.2	1401621.8	243130	51.003 ng/ml
Sertraline	5.813	107676	∞	96.4	1508659.9	84961	49.637 ng/ml
Temazepam	5.850	224567	15762.4	28.5	472.9	219899	48.453 ng/ml
Tramadol	4.293	1288945	63999.4	3.2	6500.8	1284571	50.657 ng/ml
Trazodone	5.253	690308	∞	79.3	28595.9	576468	53.206 ng/ml
Venlafaxine	5.100	943569	101327.3	39.2	14359.1	1320721	45.732 ng/ml
Zolpidem	5.006	1300559	∞	29.1	715640.9	1279796	50.312 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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 10/7/2021 6:53:26 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.186	24725	∞	135.1	71378.8	69836	9.538 ng/ml
7-aminoclonazepam	4.323	146109	∞	74.5	10252.4	90301	100.376 ng/ml
a-hydroxyalprazolam	5.734	35065	768.7	56.8	20890.3	216492	103.042 ng/ml
alpha-PHP	4.987	1190437	41697.5	39.7	51328.2	398451	106.605 ng/ml
alpha-PVP	4.418	1736364	118304.3	52.9	47667.1	737940	98.189 ng/ml
Alprazolam	5.807	634571	6188.4	89.3	7562.8	216492	100.771 ng/ml
Amphetamine	3.093	1987394	37892.0	40.6	96607.4	398451	104.494 ng/ml
Benzoylcegonine	3.937	27713	∞	58.4	1349.5	10597	97.197 ng/ml
Buprenorphine	5.924	31061	4509.6	16.5	936.2	124206	10.692 ng/ml
Bupropion	4.847	1675119	∞	70.7	50474.0	759915	99.579 ng/ml
Carisoprodol	5.763	407140	5978461.3	56.7	11001.0	165434	99.108 ng/ml
Citalopram	5.280	1163516	47330.5	39.5	474081.3	527327	98.821 ng/ml
Clonazepam	5.651	55920	86062.7	33.2	77624.0	10942	105.425 ng/ml
Clonazepam	5.597	107351	38246.6	41.8	123907.3	216492	98.312 ng/ml
Cocaine	4.317	1194551	427001.0	50.2	∞	1004020	99.998 ng/ml
Codeine	2.629	130620	96318.5	94.8	14588.3	69409	102.658 ng/ml
Cyclobenzaprine	5.663	1092303	1882680.1	8.7	135273.2	373251	99.551 ng/ml
Dextromethorphan	5.324	814648	31437.1	76.2	987581.0	423901	94.669 ng/ml
Dextrorphan	4.175	1127470	337478.7	45.3	∞	633756	97.328 ng/ml
Diazepam	5.985	392940	17474.5	86.7	∞	195205	100.119 ng/ml
Dihydrocodeine	2.592	408946	2092.4	62.5	3050.9	281691	102.462 ng/ml
Diphenhydramine	5.351	3724523	85388.6	30.7	56936.6	1889487	97.703 ng/ml
Doxylamine	4.597	4089327	∞	77.1	124864.5	1601336	100.414 ng/ml
EDDP	5.318	1807416	3578078.6	43.5	1219787.1	946258	97.532 ng/ml
Etizolam	5.847	352530	24775.4	24.0	∞	216492	97.035 ng/ml
Fentanyl	5.165	117605	152092.3	122.7	∞	631897	9.939 ng/ml
Flualprazolam	5.739	253950	5508.8	94.9	∞	216492	101.516 ng/ml
Fluoxetine	5.745	696958	1244605.3	7.3	110580.7	275776	100.495 ng/ml
Hydrocodone	3.069	473413	∞	39.5	∞	276352	102.112 ng/ml
Hydromorphone	1.628	364195	∞	79.2	∞	136366	92.677 ng/ml
Ketamine	4.104	1138434	3500482.9	37.3	18510.1	609731	102.945 ng/ml
Lamotrigine	4.345	88922	559760.3	87.8	145170.1	211676	103.874 ng/ml
Levetiracetam	2.692	425153	13254.3	228.6	26608.5	564913	99.413 ng/ml

AM #28 Multi-Drug Quant. Results

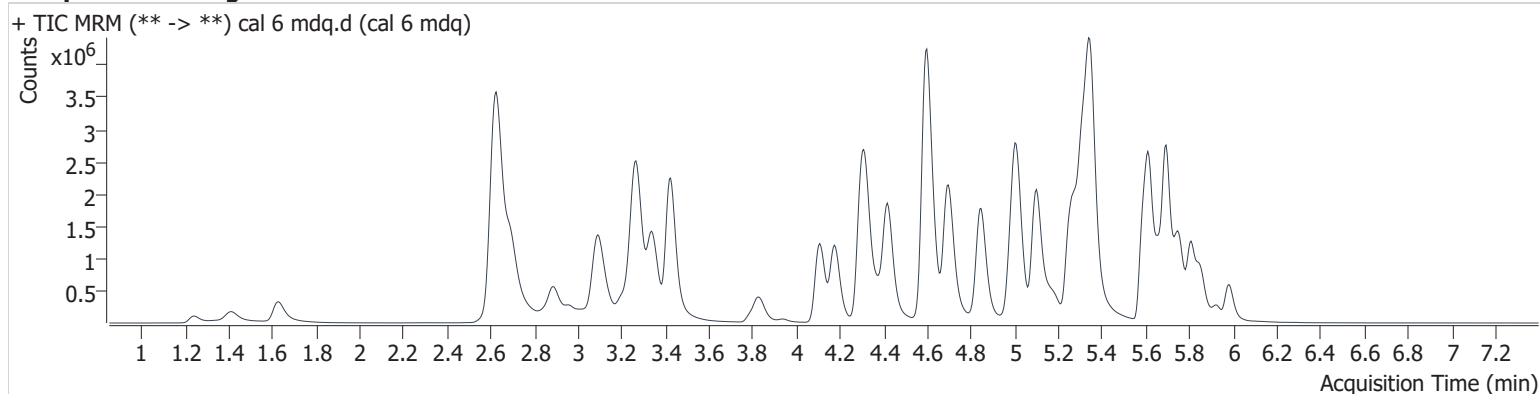
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	41225	∞	46.4	213.3	23035	98.366 ng/ml
MDA	3.240	993113	58564.6	27.7	3560.6	325413	102.404 ng/ml
MDMA	3.338	1176327	416924.0	94.0	36872.3	130521	99.287 ng/ml
Meprobamate	4.967	107905	∞	30.6	2729.0	39154	102.585 ng/ml
Methadone	5.692	2140019	88060.1	53.2	∞	967184	99.511 ng/ml
Methamphetamine	3.267	2372150	242282.1	40.0	53239.8	1121670	104.740 ng/ml
Metoprolol	4.375	315602	∞	101.8	∞	325413	103.177 ng/ml
Mirtazapine	4.696	2478156	694427.5	48.4	383237.1	967184	96.307 ng/ml
Mitragynine	5.300	403460	364716.8	32.9	228064.3	2931422	102.905 ng/ml
Morphine	1.246	72317	9794.2	18.2	2392.2	8872	104.316 ng/ml
Norbuprenorphine	5.051	2341	8890.6	121.5	18478.8	14502	9.316 ng/ml
Nordiazepam	5.929	136014	∞	61.0	299835.8	46213	101.299 ng/ml
Norfentanyl	4.135	84541	5444.3	37.7	93661.4	967377	9.324 ng/ml
Norhydrocodone	3.116	46066	1414.0	28.2	∞	87223	97.132 ng/ml
Noroxycodone	2.962	286018	∞	46.0	∞	99850	99.762 ng/ml
O-desmethyl-tramadol	3.419	2997700	541358.6	6.0	∞	1540455	98.691 ng/ml
Oxazepam	5.788	52653	49632.5	72.1	∞	23035	102.607 ng/ml
Oxycodone	2.884	861935	∞	29.3	∞	354388	102.349 ng/ml
Oxymorphone	1.409	319127	∞	43.6	∞	115989	100.806 ng/ml
Phentermine	3.827	437545	3831.2	8.8	5740.4	564913	107.435 ng/ml
Promethazine	5.590	1500864	2894985.4	39.9	34174.2	762118	98.824 ng/ml
Pseudoephedrine	2.627	5919757	∞	24.4	∞	2931422	98.406 ng/ml
Quetiapine	5.613	1829628	∞	63.6	2587017.9	265002	100.177 ng/ml
Sertraline	5.813	194642	316353.8	97.7	∞	80025	96.326 ng/ml
Temazepam	5.855	434050	7350.9	28.8	1932.0	211676	97.745 ng/ml
Tramadol	4.298	2761815	279993.1	3.5	2482.2	1381882	102.178 ng/ml
Trazodone	5.253	1486059	88899.6	79.9	209472.4	648239	103.321 ng/ml
Venlafaxine	5.100	2086389	100813.1	39.3	29247.9	1430010	92.466 ng/ml
Zolpidem	5.006	2795981	149200.9	29.1	2503959.4	1377887	101.428 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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 10/7/2021 7:02:28 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.186	48330	∞	139.7	∞	53736	24.365 ng/ml
7-aminoclonazepam	4.323	223338	8104.6	73.9	7808.9	56406	247.047 ng/ml
a-hydroxyalprazolam	5.734	59840	9743.5	54.0	1226.3	155790	244.524 ng/ml
alpha-PHP	4.992	2108566	66853.4	40.4	318273.9	301640	250.795 ng/ml
alpha-PVP	4.418	3297202	158987.8	52.9	63363.0	559514	247.096 ng/ml
Alprazolam	5.807	1129850	4294.3	91.8	5918.6	155790	249.895 ng/ml
Amphetamine	3.098	3299079	46185.4	41.0	∞	301640	232.269 ng/ml
Benzoylcegonine	3.937	60154	224651.1	56.2	1579.8	9281	242.975 ng/ml
Buprenorphine	5.924	59654	15870.4	16.1	13841.1	94556	27.568 ng/ml
Bupropion	4.847	3252541	6585045.2	68.7	165168.9	583770	252.715 ng/ml
Carisoprodol	5.763	727463	1735739.3	57.1	22015.7	120306	244.640 ng/ml
Citalopram	5.280	2039759	349092.7	38.7	∞	370529	247.617 ng/ml
Clonazepam	5.651	105563	37168.0	34.4	237372.9	8692	257.704 ng/ml
Clonazepam	5.597	196737	1002564.6	40.7	120215.3	155790	251.658 ng/ml
Cocaine	4.317	2183920	273221.0	49.8	303636.9	738830	249.869 ng/ml
Codeine	2.634	225325	34239.6	91.5	116067.5	51992	239.503 ng/ml
Cyclobenzaprine	5.663	1878949	737816.2	8.8	∞	253144	253.784 ng/ml
Dextromethorphan	5.324	1402354	189839.0	73.6	51057.3	281661	246.097 ng/ml
Dextrophan	4.175	2181829	853128.3	44.5	342486588.3	479445	250.120 ng/ml
Diazepam	5.985	750782	19296.2	88.6	38252.3	152955	245.335 ng/ml
Dihydrocodeine	2.597	743650	9563.0	62.4	5729.9	226203	235.024 ng/ml
Diphenhydramine	5.351	6829878	336600.4	29.7	129464.0	1326770	256.131 ng/ml
Doxylamine	4.597	8091983	517706.8	79.9	214593.7	1263137	253.204 ng/ml
EDDP	5.313	3428963	280809.2	43.8	4308606.9	702212	251.158 ng/ml
Etizolam	5.847	649197	∞	23.8	∞	155790	249.323 ng/ml
Fentanyl	5.165	228804	465348.9	123.7	11401562.0	498727	24.639 ng/ml
Flualprazolam	5.739	451610	4082.8	91.4	∞	155790	252.200 ng/ml
Fluoxetine	5.745	1065014	∞	7.3	477059.2	167626	253.917 ng/ml
Hydrocodone	3.069	909793	∞	39.2	∞	223578	244.201 ng/ml
Hydromorphone	1.628	763002	∞	74.9	∞	102939	258.557 ng/ml
Ketamine	4.109	2133883	209603.6	37.4	∞	472469	250.756 ng/ml
Lamotrigine	4.345	147833	2396579.4	88.8	23693.6	142146	258.506 ng/ml
Levetiracetam	2.697	842692	73220.9	228.8	68684.5	438222	257.362 ng/ml

AM #28 Multi-Drug Quant. Results

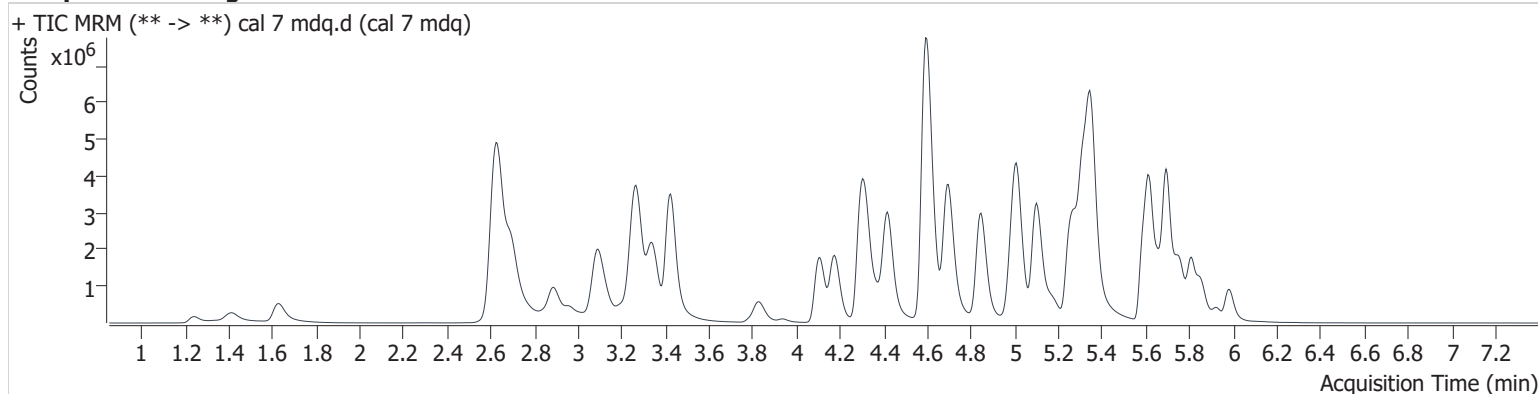
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	77745	∞	48.0	3775.2	16884	255.196 ng/ml
MDA	3.246	1588881	42036.6	28.1	6638.1	223304	241.022 ng/ml
MDMA	3.343	2147447	391019.5	94.7	∞	94828	251.079 ng/ml
Meprobamate	4.967	194703	186761.2	29.9	21186762.0	31534	232.265 ng/ml
Methadone	5.692	3948266	∞	53.6	77879.2	717857	248.052 ng/ml
Methamphetamine	3.272	4258336	15757.8	40.3	43237.6	900810	239.292 ng/ml
Metoprolol	4.380	548589	1026039.1	100.0	∞	223304	261.724 ng/ml
Mirtazapine	4.696	4629358	289683.3	48.7	2402632.5	717857	244.389 ng/ml
Mitragynine	5.294	719325	625887.0	32.7	8476505.4	2082706	255.949 ng/ml
Morphine	1.241	148560	6375.7	17.3	686.5	7366	259.778 ng/ml
Norbuprenorphine	5.056	5254	8378.7	100.4	33761.7	12090	25.808 ng/ml
Nordiazepam	5.929	260840	∞	60.0	∞	36141	249.730 ng/ml
Norfentanyl	4.135	164283	19120.9	36.7	∞	727882	24.002 ng/ml
Norhydrocodone	3.116	93297	∞	28.0	357.4	64081	267.482 ng/ml
Noroxycodone	2.962	525401	∞	44.8	∞	73958	248.992 ng/ml
O-desmethyl-tramadol	3.424	5797809	∞	5.9	37684.8	1198619	246.518 ng/ml
Oxazepam	5.788	97147	7611.7	73.7	17056.9	16884	259.097 ng/ml
Oxycodone	2.884	1730404	∞	29.3	∞	290176	252.034 ng/ml
Oxymorphone	1.409	607691	∞	44.3	∞	90684	246.942 ng/ml
Phentermine	3.832	779405	2300.5	8.5	21604.1	438222	249.482 ng/ml
Promethazine	5.590	2715203	1573537.9	39.3	302943.9	559265	244.510 ng/ml
Pseudoephedrine	2.626	10677977	∞	24.2	∞	2082706	250.786 ng/ml
Quetiapine	5.613	3256765	∞	63.2	∞	191180	248.297 ng/ml
Sertraline	5.813	277526	∞	97.4	60783.1	42453	260.853 ng/ml
Temazepam	5.855	743600	28296.3	28.8	3005.9	142146	250.064 ng/ml
Tramadol	4.298	5101946	267016.4	3.5	6427.7	1092133	240.558 ng/ml
Trazodone	5.248	2680087	145902.1	78.8	∞	497858	244.780 ng/ml
Venlafaxine	5.100	4062067	1382338.1	38.3	32733.7	1065381	240.204 ng/ml
Zolpidem	5.006	5216142	759005.3	29.0	∞	1041825	251.684 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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	10/7/2021 7:11:29 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	87554	821180.7	135.1	∞	45836	51.844 ng/ml
7-aminoclonazepam	4.323	263030	3477.1	77.7	3956.4	31747	518.012 ng/ml
a-hydroxyalprazolam	5.734	88419	4410.8	57.0	1023.6	120909	465.648 ng/ml
alpha-PHP	4.987	3399281	337099.5	39.9	1214902.0	256184	476.970 ng/ml
alpha-PVP	4.418	5859518	529368.9	52.0	∞	475846	517.187 ng/ml
Alprazolam	5.807	1756606	54331.2	92.0	∞	120909	500.985 ng/ml
Amphetamine	3.101	4933495	165912.0	41.7	173190.6	256184	410.969 ng/ml
Benzoylcegonine	3.937	120220	66760.6	53.7	∞	8800	513.635 ng/ml
Buprenorphine	5.924	105373	9870.5	15.9	8995.9	90000	51.496 ng/ml
Bupropion	4.847	5805955	1045499.4	67.7	379850.4	515146	511.889 ng/ml
Carisoprodol	5.763	1069713	5077002.1	56.5	89022.1	84944	510.333 ng/ml
Citalopram	5.280	3079967	236028.3	40.3	2763150.2	273690	506.930 ng/ml
Clonazepam	5.651	179709	57735.0	33.6	911624.7	7015	549.337 ng/ml
Clonazepam	5.597	291639	2460131.5	40.9	274213.8	120909	481.429 ng/ml
Cocaine	4.317	3619326	250033.3	49.5	1222848.2	608101	504.095 ng/ml
Codeine	2.634	334667	33309.1	97.3	8997.9	39887	465.903 ng/ml
Cyclobenzaprine	5.663	2603609	57098.7	8.4	3384363.7	177115	503.438 ng/ml
Dextromethorphan	5.324	2000920	227204.3	74.0	8078976.0	194989	507.774 ng/ml
Dextrophan	4.175	3702509	1069962.4	44.7	144478.5	399968	509.556 ng/ml
Diazepam	5.985	1279170	∞	86.4	56253.2	126848	504.906 ng/ml
Dihydrocodeine	2.592	1189297	912.7	62.4	2046.3	199972	427.088 ng/ml
Diphenhydramine	5.351	10555393	627334.3	30.0	494074.8	1005232	523.092 ng/ml
Doxylamine	4.592	15645332	2165382.1	80.4	602161.6	1192762	519.342 ng/ml
EDDP	5.318	6264320	∞	42.9	∞	625753	516.125 ng/ml
Etizolam	5.847	1013157	14337.7	24.1	∞	120909	502.001 ng/ml
Fentanyl	5.170	382075	65093.1	124.5	383818.6	406273	50.607 ng/ml
Flualprazolam	5.739	668925	12459.0	99.4	8635.1	120909	482.147 ng/ml
Fluoxetine	5.745	1088205	252948.8	7.6	52190.2	89115	488.796 ng/ml
Hydrocodone	3.069	1660876	∞	37.2	∞	195710	510.578 ng/ml
Hydromorphone	1.633	1329050	∞	75.4	∞	92515	501.825 ng/ml
Ketamine	4.108	3694881	2238170.1	37.4	50222.5	417929	492.025 ng/ml
Lamotrigine	4.345	211531	102819.3	88.7	33835.4	103383	509.459 ng/ml
Levetiracetam	2.697	1502820	352756.3	226.6	4583130.2	382450	528.148 ng/ml

AM #28 Multi-Drug Quant. Results

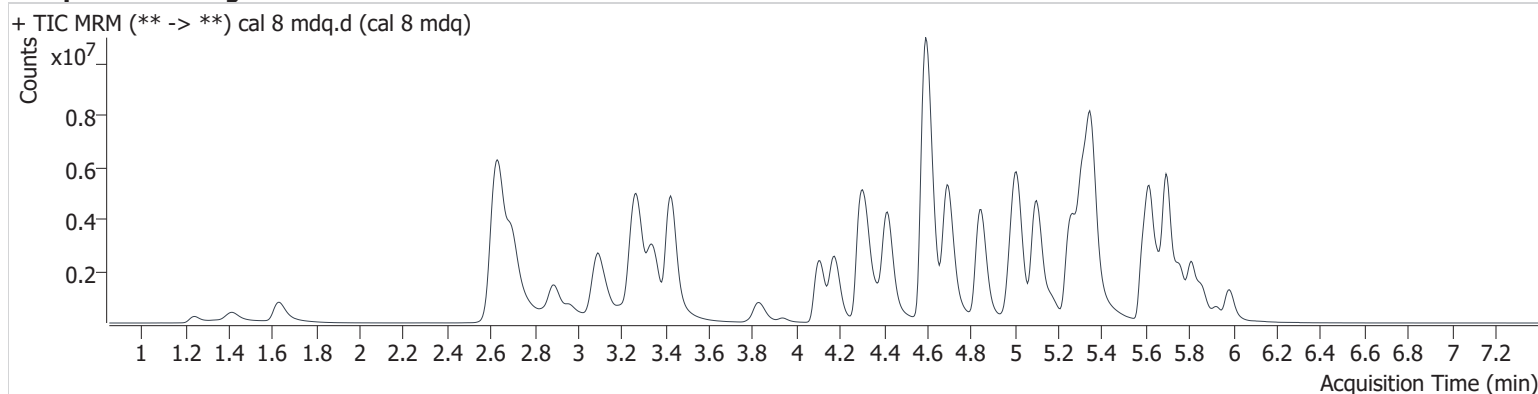
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.781	132416	∞	48.1	3006.9	14687	500.947 ng/ml
MDA	3.240	2241687	199781.2	27.6	12475.6	172637	441.255 ng/ml
MDMA	3.343	3509166	179123.1	93.7	146078.4	77295	504.421 ng/ml
Meprobamate	4.962	311341	363166.2	29.9	9248.9	27192	432.380 ng/ml
Methadone	5.698	6664038	1481495.7	52.1	133114.3	579276	519.340 ng/ml
Methamphetamine	3.272	6923994	137330.9	39.4	108081.7	821018	430.180 ng/ml
Metoprolol	4.380	823106	980363.2	98.9	∞	172637	508.171 ng/ml
Mirtazapine	4.696	8351110	935999.2	48.0	340829.2	579276	547.956 ng/ml
Mitragynine	5.294	1058504	49618.7	33.7	401728.7	1595868	490.140 ng/ml
Morphine	1.241	240146	2473.0	19.7	710.5	6353	487.859 ng/ml
Norbuprenorphine	5.056	8051	19298.8	105.9	159769.7	9295	51.874 ng/ml
Nordiazepam	5.929	410916	∞	59.7	∞	28710	496.135 ng/ml
Norfentanyl	4.135	259182	371154.7	37.3	∞	554769	49.630 ng/ml
Norhydrocodone	3.121	147714	∞	28.4	∞	52236	519.375 ng/ml
Noroxycodone	2.962	865063	∞	46.3	∞	61893	490.908 ng/ml
O-desmethyl-tramadol	3.424	10251705	1189712.2	5.8	46834.9	1014111	516.084 ng/ml
Oxazepam	5.788	165590	7104.6	73.3	∞	14687	508.216 ng/ml
Oxycodone	2.884	3192891	∞	29.5	∞	270952	498.775 ng/ml
Oxymorphone	1.414	1062648	∞	43.9	∞	73679	532.618 ng/ml
Phentermine	3.832	1260418	69453.2	8.2	9756.4	382450	464.113 ng/ml
Promethazine	5.590	4102330	339940.9	37.8	205781.3	403094	513.209 ng/ml
Pseudoephedrine	2.631	16797612	∞	23.9	∞	1595868	515.514 ng/ml
Quetiapine	5.618	5427314	399804.7	62.4	4982294.1	156478	506.338 ng/ml
Sertraline	5.813	269552	∞	96.5	61405.4	20323	530.440 ng/ml
Temazepam	5.855	1113380	∞	28.8	9735.2	103383	515.279 ng/ml
Tramadol	4.293	8480442	268607.9	3.4	7101.8	848247	516.290 ng/ml
Trazodone	5.248	4142298	438763.0	78.0	∞	434634	434.595 ng/ml
Venlafaxine	5.100	7198108	265948.4	37.7	90767.2	901727	501.926 ng/ml
Zolpidem	5.011	8992797	376037.8	28.9	102730.1	890366	508.709 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdq p1.batch.bin
Calibration Last Update 10/8/2021 9:12:11 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	10/7/2021 7:20:31 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	136394	723191.0	133.7	∞	34695	106.790 ng/ml
7-aminoclonazepam	4.323	304500	4062.8	76.6	4476.7	20678	921.465 ng/ml
a-hydroxyalprazolam	5.734	130165	14429.2	55.4	2416.8	83327	994.796 ng/ml
alpha-PHP	4.982	4741478	82518.4	40.4	39820.2	211078	808.177 ng/ml
alpha-PVP	4.418	9039159	318168.4	52.0	214767.8	365763	1038.753 ng/ml
Alprazolam	5.807	2409718	14422.7	92.0	60616.0	83327	997.591 ng/ml
Amphetamine	3.098	6658890	8960418969 48216.0	42.1	∞	211078	674.912 ng/ml
Benzoylcegonine	3.937	216903	505916.6	54.6	∞	8219	993.605 ng/ml
Buprenorphine	5.919	154299	26361.9	15.5	7491.6	71210	95.634 ng/ml
Bupropion	4.847	9052487	34081915.4	68.4	1371466.2	426231	965.210 ng/ml
Carisoprodol	5.763	1460994	3226511.1	55.4	61809.8	56378	1050.982 ng/ml
Citalopram	5.280	3908206	121524.9	41.1	99019.2	178705	985.823 ng/ml
Clonazepam	5.651	280391	939515.8	33.9	127845.8	6908	873.527 ng/ml
Clonazolam	5.597	436041	∞	39.5	3211889.5	83327	1045.411 ng/ml
Cocaine	4.317	5037178	466440.6	49.1	542998.6	430337	992.306 ng/ml
Codeine	2.634	446290	26119.5	98.3	∞	28506	871.389 ng/ml
Cyclobenzaprine	5.663	3193546	81380.8	8.5	∞	110520	990.410 ng/ml
Dextromethorphan	5.324	2528498	84917.0	74.2	35482.9	124820	1002.881 ng/ml
Dextrorphan	4.177	5600525	∞	44.7	117251.4	303936	1015.038 ng/ml
Diazepam	5.985	1958502	42594.0	86.5	30282.1	99331	987.996 ng/ml
Dihydrocodeine	2.592	1715687	2730.0	63.2	2447.6	172823	714.494 ng/ml
Diphenhydramine	5.356	14731011	∞	29.7	1328342.2	709404	1035.043 ng/ml
Doxylamine	4.592	23005352	493029.8	83.4	7405222.4	937149	972.700 ng/ml
EDDP	5.313	9758387	∞	41.7	804835.2	483874	1040.935 ng/ml
Etizolam	5.847	1453736	∞	24.7	∞	83327	1045.861 ng/ml
Fentanyl	5.165	591190	∞	121.4	∞	305019	104.400 ng/ml
Flualprazolam	5.744	926656	6462.0	94.5	∞	83327	970.063 ng/ml
Fluoxetine	5.750	1096048	∞	7.9	120788.4	44921	977.499 ng/ml
Hydrocodone	3.069	2616205	∞	38.8	∞	162437	970.080 ng/ml
Hydromorphone	1.633	2170345	∞	75.0	∞	72014	1053.613 ng/ml
Ketamine	4.104	5536625	6593593.0	37.6	51703.3	332153	928.758 ng/ml
Lamotrigine	4.345	255606	26582.9	84.6	∞	66540	957.274 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.702	2436472	130468.3	228.3	1683945.2	331730	989.059 ng/ml
Lorazepam	5.781	216021	∞	48.3	2843.9	12056	996.949 ng/ml
MDA	3.235	2769177	120072.0	27.2	11159.0	127156	741.207 ng/ml
MDMA	3.344	5244132	550879.9	87.8	550715.5	59779	975.674 ng/ml
Meprobamate	4.957	443431	1643060.5	29.8	6692.7	22688	739.449 ng/ml
Methadone	5.698	9944100	221824.8	51.4	187482.1	434598	1033.407 ng/ml
Methamphetamine	3.272	10057390	216405.1	39.2	271142.4	731117	704.331 ng/ml
Metoprolol	4.375	1099184	383047.7	99.7	∞	127156	921.540 ng/ml
Mirtazapine	4.691	12152245	291733.4	47.0	188841.5	434598	1064.047 ng/ml
Mitragynine	5.294	1325363	178795.4	34.6	10718.3	1158457	844.337 ng/ml
Morphine	1.246	363919	2150.2	18.0	953.7	4976	944.879 ng/ml
Norbuprenorphine	5.056	11996	21379.8	99.3	1068954.2	7350	98.129 ng/ml
Nordiazepam	5.929	594141	∞	60.8	∞	21173	973.602 ng/ml
Norfentanyl	4.135	378567	103983.8	38.0	940932.8	392752	102.343 ng/ml
Norhydrocodone	3.121	225699	∞	32.4	∞	32829	1262.491 ng/ml
Noroxycodone	2.962	1371406	∞	45.2	∞	49707	970.082 ng/ml
O-desmethyl-tramadol	3.424	16004035	671871.8	5.7	121240.7	814967	1003.299 ng/ml
Oxazepam	5.788	261190	23656.8	74.2	56757.6	12056	977.104 ng/ml
Oxycodone	2.884	5139147	∞	29.1	∞	230271	945.308 ng/ml
Oxymorphone	1.414	1643393	∞	43.6	∞	64535	941.157 ng/ml
Phentermine	3.832	1939602	∞	7.6	9320.4	331730	825.059 ng/ml
Promethazine	5.590	5483040	801531.3	37.3	∞	270048	1024.481 ng/ml
Pseudoephedrine	2.631	24350742	∞	23.6	∞	1158457	1030.106 ng/ml
Quetiapine	5.618	7638177	∞	61.4	∞	115054	969.866 ng/ml
Sertraline	5.813	314712	412927.4	95.4	51215.7	12927	974.596 ng/ml
Temazepam	5.860	1480246	∞	29.1	3844.5	66540	1064.870 ng/ml
Tramadol	4.293	12496695	339502.3	3.3	8424.7	684548	943.799 ng/ml
Trazodone	5.248	5723119	238730.3	80.5	116390.0	358066	729.932 ng/ml
Venlafaxine	5.100	11490600	748318.8	37.0	155977.0	707880	1019.736 ng/ml
Zolpidem	5.010	13305971	494452.2	28.8	246911.6	693954	966.608 ng/ml