



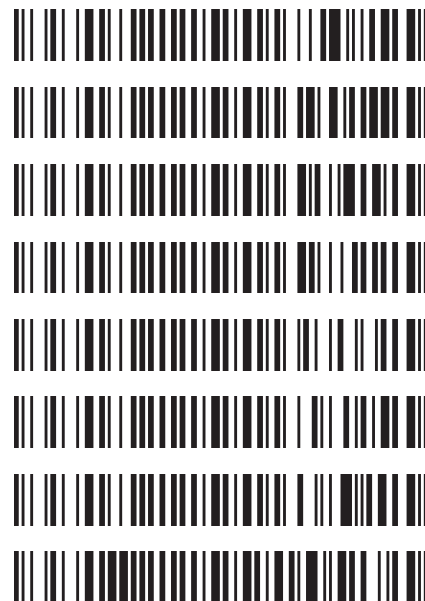
12/7/2021

REVIEWED

By Britany Wylie at 1:11 pm, Dec 09, 2021

Worklist: 5429

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2021-2422	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-2521		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-2541		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-2554		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-2582		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-2605		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
C2021-2624		BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2012-1953	C1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date 12/07/21 Analyst: Anne Nord
Plate lot#: 210610 (part IDP-121) Plate Expiration: 12/10/21

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

Blank Blood Lot: 21D52496 **Urine Blank lot:** blood only run

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

LCMS-QQQ ID: 69679

Pre-Analytic:

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

Analytic:

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

Post-Analytic

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

COMMENTS:

Curve limits: amphetamine 5-250, buprenorphine 2.5-100, dihydrocodeine 5-500, lorazepam 5-250, MDA 5-500, meprobamate 5-250, methamphetamine 5-500, norbuprenorphine 2.5-100, norhydrocodone 10-1000, trazodone 5-500
Qualitative only: alpha-hydroxyalprazolam (surrogate internal standard), clonazepam (100 qc accuracy), fentanyl (100 qc accuracy), methamphetamine (10, 100 qc accuracy) oxazepam (100 qc accuracy)

Not evaluated: phentermine (ratios lowering as concentrations rise indicating an interferant)

QC 100 wrong plate position injected 12/7/21, Injected correct position 12/8/21 instrument had not equilibrated retention times were shifted, re-injected and evaluated.

	1	2	3	4	5	6	7	8	9	10	11	12
A					IS + Cal. 1	IS + QC_1						
B					IS + Cal. 2	IS + QC_2						
C				2422-2	IS + Cal. 3	IS + QC_3						
D				2521-1	IS + Cal. 4	IS + QC4						
E				2541-1	IS + Cal. 5	IS + QC2						
F				2605-1	IS + Cal. 6	negative blood						
G				2554-1	IS + Cal. 7	p2012-1953- c1						
H				2582-1	IS + Cal. 8	2624-1						

am 28 extraction 12/7/21

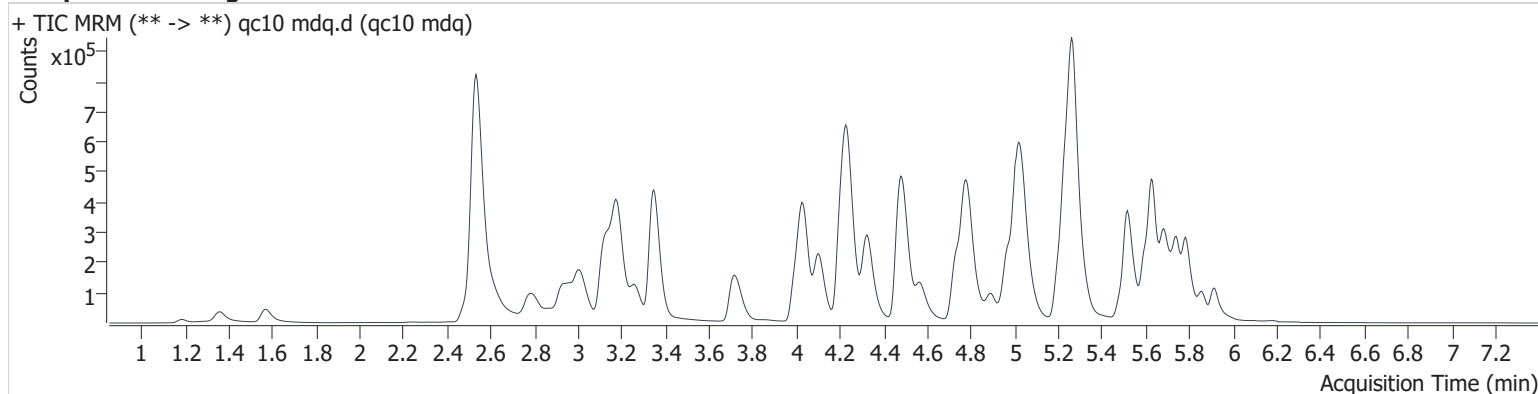
c2021-____-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-A6	Comment	
Injection Volume	3		
Acq. Date-Time	12/7/2021 6:06:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	2476	11399.2	152.2	∞	67010	1.033 ng/ml
7-aminoclonazepam	4.246	32044	1261.6	66.6	1938.7	174358	10.659 ng/ml
a-hydroxyalprazolam	5.671	5879	∞	54.3	∞	62202	9.116 ng/ml
alpha-PHP	4.894	129319	56808.3	41.0	2378.5	404602	10.454 ng/ml
alpha-PVP	4.331	172365	11719.0	54.1	8508.2	635113	10.707 ng/ml
Alprazolam	5.745	73779	1062.5	89.5	1674.3	226756	10.505 ng/ml
Amphetamine	3.011	116942	9216.7	249.4	17307.3	404602	11.325 ng/ml
Benzoylcegonine	3.875	2833	271562.0	45.5	175.0	8007	11.386 ng/ml
Buprenorphine	5.623	2496	4381.3	13.5	395.4	81268	1.362 ng/ml ocr
Bupropion	4.749	154221	39126.2	70.3	18832.1	621776	10.724 ng/ml
Carisoprodol	5.705	42725	34211.3	63.7	634.8	160278	11.005 ng/ml
Citalopram	5.207	125330	3883.5	36.7	2681.0	476478	10.775 ng/ml
Clonazepam	5.593	36170	∞	37.8	∞	62202	11.373 ng/ml
Clonazepam	5.540	42704	3986.0	38.7	464379.7	174358	10.425 ng/ml
Cocaine	4.235	121531	2956.6	49.7	8178.5	908360	10.255 ng/ml
Codeine	2.552	16847	2297.9	90.4	2264.6	68916	11.699 ng/ml
Cyclobenzaprine	5.601	122358	9101.9	9.2	5273.8	358735	10.449 ng/ml
Dextromethorphan	5.240	89940	2965.2	74.1	1265.8	399611	10.790 ng/ml
Dextrophan	4.108	111072	4707.5	43.6	5019.4	531739	10.921 ng/ml
Diazepam	5.918	47438	1930.7	87.9	∞	202255	11.194 ng/ml
Dihydrocodeine	2.521	45789	1661.8	59.9	1126.0	238045	11.393 ng/ml
Diphenhydramine	5.267	382296	17997.5	32.2	4297.9	1816451	10.363 ng/ml
Doxylamine	4.494	379281	10701.3	74.2	29559.1	1281939	10.712 ng/ml
EDDP	5.235	185424	5073.1	41.6	∞	837290	10.649 ng/ml
Etizolam	5.785	34590	∞	23.4	∞	226756	9.692 ng/ml
Fentanyl	5.057	12055	1484.9	118.2	28250.7	559101	1.054 ng/ml
Flualprazolam	5.681	29391	970.4	101.1	2228.8	226756	10.376 ng/ml
Fluoxetine	5.682	100079	2384.4	7.2	27720.1	313280	11.174 ng/ml
Hydrocodone	2.998	51334	∞	36.9	3262.6	258185	10.814 ng/ml
Hydromorphone	1.577	34879	2193.7	80.6	1472.3	106410	10.658 ng/ml
Ketamine	4.011	116490	6259.1	37.1	2171.7	524095	10.820 ng/ml
Lamotrigine	4.263	10215	1394.2	88.5	673.3	226756	10.924 ng/ml
Levetiracetam	2.620	33990	1053.0	253.1	4727.8	535751	9.884 ng/ml

AM #28 Multi-Drug Quant. Results

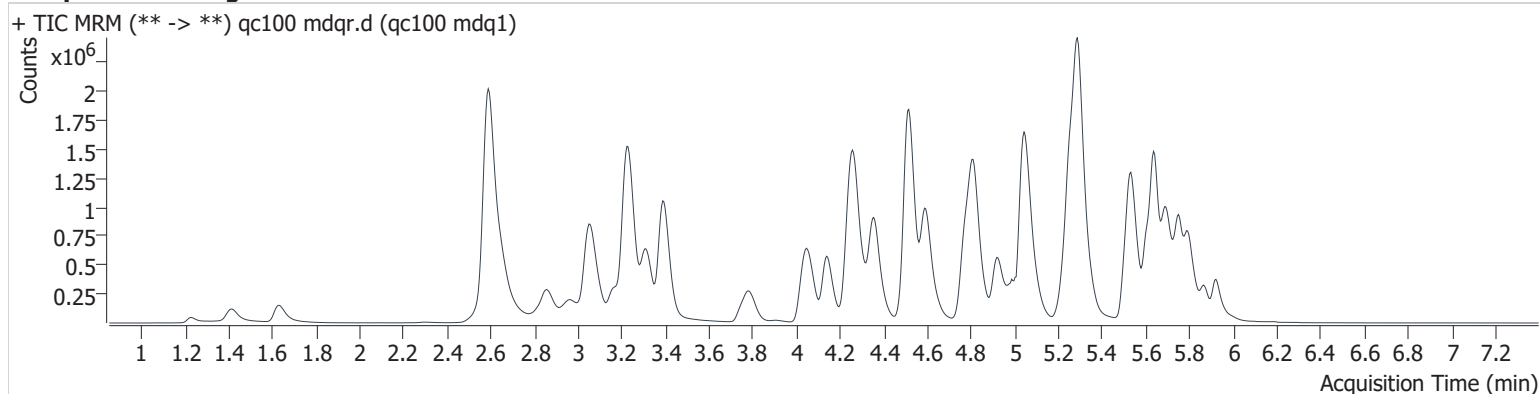
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	21169	∞	44.9	702.1	171771	11.400 ng/ml
MDA	3.173	148782	4626.9	27.1	1125.0	408358	11.100 ng/ml
MDMA	3.266	118200	14393.5	93.3	3211.8	111314	10.740 ng/ml
Meprobamate	4.899	29843	70362.4	30.1	1216.4	81505	11.747 ng/ml
Methadone	5.630	193689	2086.7	60.1	∞	832880	9.815 ng/ml
Methamphetamine	3.185	461583	4969.2	39.2	5417.0	879738	13.238 ng/ml
Metoprolol	4.298	27811	2313.7	100.2	∞	408358	10.197 ng/ml
Mirtazapine	4.572	232785	10235.5	48.9	8320.4	832880	10.121 ng/ml
Mitragynine	5.185	45650	7301.7	31.3	22430.0	15739	10.677 ng/ml
Morphine	1.191	6390	8396.8	16.9	4181.4	6915	10.467 ng/ml
Norbuprenorphine	4.978	354	419.2	133.1 High	243.3	15739	1.220 ng/ml ocr
Nordiazepam	5.866	38654	5562.5	67.1	10137.5	122581	10.658 ng/ml
Norfentanyl	4.058	9137	958.8	44.7	∞	1008983	1.089 ng/ml
Norhydrocodone	3.044	3162	707.7	25.0	538.6	65954	10.174 ng/ml
Noroxycodone	2.889	33587	∞	46.6	2915.3	103826	10.247 ng/ml
O-desmethyl-tramadol	3.353	267950	19278.3	6.4	2222.1	1200620	10.723 ng/ml
Oxazepam	5.730	43385	4466.6	72.6	13212.3	171771	10.941 ng/ml
Oxycodone	2.807	92966	∞	29.6	∞	348594	10.748 ng/ml
Oxymorphone	1.364	37851	6769.6	44.9	6658.0	119526	10.700 ng/ml
Promethazine	5.517	167872	∞	42.3	3225.0	751080	10.594 ng/ml
Pseudoephedrine	2.544	574466	114110.7	24.3	∞	2517500	10.596 ng/ml
Quetiapine	5.493	122181	57924.0	63.4	3765404.1	161836	11.028 ng/ml
Sertraline	5.745	27788	∞	99.7	5642.0	91364	11.024 ng/ml
Temazepam	5.792	102934	∞	26.9	∞	455933	10.677 ng/ml
Tramadol	4.221	278623	3286.3	3.7	1010.6	1207136	11.000 ng/ml
Trazodone	5.015	148884	3419.1	82.1	∞	537873	11.293 ng/ml
Venlafaxine	5.017	197114	4939.0	36.9	2736.2	1216253	10.963 ng/ml
Zolpidem	4.798	282147	30139.1	28.9	8461.1	1181635	10.826 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 AM

Instrument	69679	Data File	qc100 mdqr.d
Type	QC	Sample	qc100 mdq1
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E6	Comment	
Injection Volume	3		
Acq. Date-Time	12/8/2021 10:09:59 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	23590	∞	134.0	∞	62580	10.803 ng/ml
7-aminoclonazepam	4.277	270801	9137.2	71.2	11632.1	147618	113.772 ng/ml
a-hydroxyalprazolam	5.676	38840	1201842553 659.1	55.3	∞	45116	100.512 ng/ml
alpha-PHP	4.920	1115277	149242.8	41.3	17466.0	368643	97.474 ng/ml
alpha-PVP	4.362	1476796	102819.7	53.9	53794.5	542324	112.919 ng/ml
Alprazolam	5.755	585745	2912.0	90.8	3354.9	184003	109.342 ng/ml
Amphetamine	3.057	848242	40792.9	246.8	64510.8	368643	115.197 ng/ml
Benzoylcegonine	3.911	21143	317833.9	52.4	863.1	6844	107.929 ng/ml
Buprenorphine	5.628	18633	1244.5	17.2	11386.6	73454	10.248 ng/ml
Bupropion	4.774	1337197	3021705.1	71.0	31292.9	547406	112.462 ng/ml
Carisoprodol	5.711	348508	∞	59.4	∞	127287	119.013 ng/ml
Citalopram	5.233	1026269	18989.0	37.0	776594.3	393159	113.805 ng/ml
Clonazepam	5.609	258178	1944443.7	35.0	8893726.6	45116	126.225 ng/ml
Clonazolam	5.550	346408	77074.4	39.8	5727.6	147618	100.008 ng/ml
Cocaine	4.265	972866	∞	53.0	1035354.0	767595	108.057 ng/ml
Codeine	2.598	113789	59736.8	97.6	351591.5	57650	107.338 ng/ml
Cyclobenzaprine	5.611	1179012	∞	8.2	86695.8	350400	109.961 ng/ml
Dextromethorphan	5.266	764035	21987.2	75.1	85782.3	341502	114.072 ng/ml
Dextrorphan	4.139	1007582	229893.5	43.5	2257092.7	481931	115.243 ng/ml
Diazepam	5.923	435212	8203.4	86.9	3101.1	188375	116.549 ng/ml
Dihydrocodeine	2.557	367403	1873.6	60.5	11144.4	209356	117.331 ng/ml
Diphenhydramine	5.293	3389306	534497.4	31.2	33728.3	1568854	110.462 ng/ml
Doxylamine	4.515	3386925	181093.5	75.7	264456.5	1180984	110.259 ng/ml
EDDP	5.261	1645719	6354497.6	42.7	∞	747138	113.483 ng/ml
Etizolam	5.790	299848	13090.1	22.6	182699.2	184003	96.052 ng/ml
Fentanyl	5.077	109473	118891.8	119.3	192621.3	506145	10.832 ng/ml
Flualprazolam	5.686	254667	12492.9	95.5	55220.2	184003	116.236 ng/ml
Fluoxetine	5.693	870547	∞	7.5	119209.2	287038	112.952 ng/ml
Hydrocodone	3.039	420715	1225.0	36.8	2212002836 58683.0	220157	112.032 ng/ml
Hydromorphone	1.633	302656	5793.9	71.6	6991.0	89988	114.474 ng/ml
Ketamine	4.042	982554	1574443.6	37.7	∞	461694	113.823 ng/ml
Lamotrigine	4.309	87627	∞	89.2	30063.5	184003	123.176 ng/ml

AM #28 Multi-Drug Quant. Results

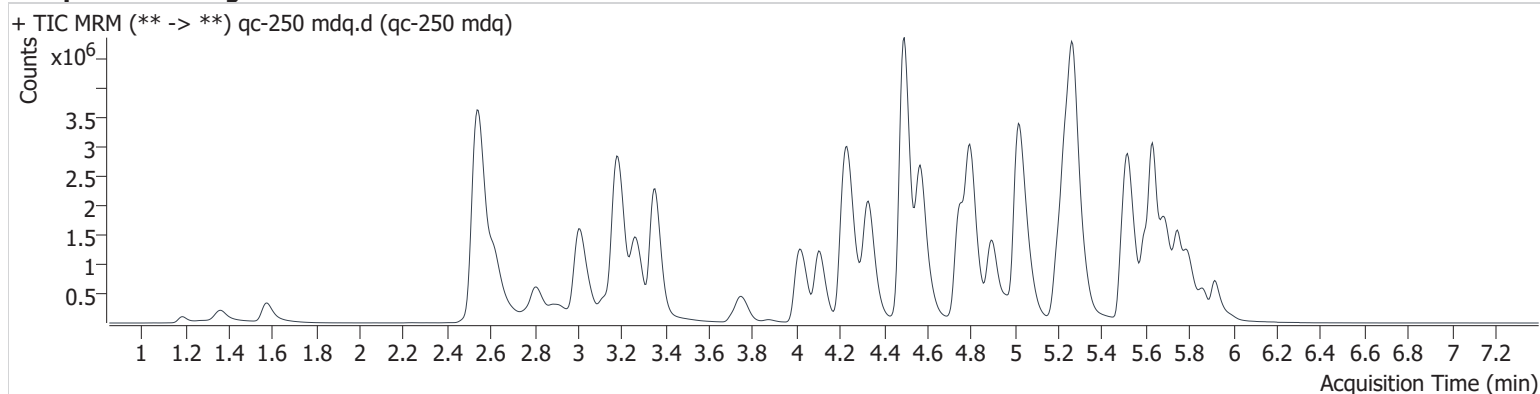
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.656	321390	22280.2	218.2	23876.3	500878	110.590 ng/ml
Lorazepam	5.729	113091	∞	47.9	19597.1	106550	105.456 ng/ml
MDA	3.230	1038040	37410.0	28.0	8851.3	326323	111.671 ng/ml
MDMA	3.312	974693	276231.6	99.1	90122.4	99427	106.956 ng/ml
Meprobamate	4.931	238573	1671339.1	28.9	2019.1	73591	119.105 ng/ml
Methadone	5.640	1899772	∞	57.0	46524.3	771842	108.100 ng/ml
Methamphetamine	3.231	2219908	15469.2	39.0	25490.2	819508	128.253 ng/ml
Metoprolol	4.324	223466	∞	98.8	∞	326323	94.557 ng/ml
Mirtazapine	4.593	2083747	348925.5	46.8	332487.7	771842	104.745 ng/ml
Mitragynine	5.206	416283	971135.7	31.0	173101.0	14975	107.092 ng/ml
Morphine	1.231	54156	4553.0	16.5	1309.1	6237	112.327 ng/ml
Norbuprenorphine	5.009	2531	∞	115.1	∞	14975	10.596 ng/ml
Nordiazepam	5.872	335185	∞	62.3	∞	107017	114.805 ng/ml
Norfentanyl	4.088	81628	12508.2	41.9	845933.6	872906	9.824 ng/ml
Norhydrocodone	3.095	45277	∞	28.6	∞	64660	106.136 ng/ml
Noroxycodone	2.946	286664	∞	46.2	∞	90422	108.696 ng/ml
O-desmethyl-tramadol	3.394	2321044	268640.6	6.2	11966.1	1070058	110.855 ng/ml
Oxazepam	5.735	267122	39862.1	70.7	12056.4	106550	121.033 ng/ml
Oxycodone	2.858	809391	∞	29.6	∞	300862	118.148 ng/ml
Oxymorphone	1.414	330987	∞	44.7	50594.7	107065	113.185 ng/ml
Promethazine	5.532	1607316	4396281.3	42.0	728786.3	728892	107.819 ng/ml
Pseudoephedrine	2.596	4735082	∞	24.6	∞	2115289	109.249 ng/ml
Quetiapine	5.508	1059999	1353991.0	63.0	∞	147367	118.176 ng/ml
Sertraline	5.756	273698	499949.5	97.1	164752.1	92686	117.026 ng/ml
Temazepam	5.798	799662	89372.6	27.1	10390.0	347802	108.770 ng/ml
Tramadol	4.247	2367575	150152.3	3.6	4435.0	1085945	114.865 ng/ml
Trazodone	5.036	1266915	256593.7	81.4	∞	494586	118.830 ng/ml
Venlafaxine	5.043	1742903	132280.8	38.5	15705.0	1047389	102.079 ng/ml
Zolpidem	4.813	2486196	639868.9	28.4	1145517.6	1056112	113.568 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-C6	Comment	
Injection Volume	3		
Acq. Date-Time	12/7/2021 6:15:30 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	57280	28749.0	131.9	189422.7	59357	27.702 ng/ml
7-aminoclonazepam	4.251	448615	∞	76.0	8854.0	99532	280.733 ng/ml
a-hydroxyalprazolam	5.666	65828	741.1	55.8	1424.1	33280	233.733 ng/ml
alpha-PHP	4.899	3083618	∞	39.8	96653.1	338748	292.937 ng/ml
alpha-PVP	4.335	3933736	362018.1	53.2	163412.5	603416	271.177 ng/ml
Alprazolam	5.750	1277646	2895.2	91.2	8854.5	165230	266.667 ng/ml
Amphetamine	3.011	1582904	75972.7	245.4	491290.1	338748	237.648 ng/ml
Benzoylcegonine	3.875	64548	479916.9	53.1	2073.6	7989	284.066 ng/ml
Buprenorphine	5.628	45854	132963.8	15.2	∞	69175	26.557 ng/ml
Bupropion	4.749	3727383	5263337.4	68.6	88208.6	621723	277.136 ng/ml
Carisoprodol	5.705	600723	1550152.5	60.1	10915.3	90269	290.192 ng/ml
Citalopram	5.202	2405751	37495.0	39.6	25883.7	378585	278.152 ng/ml
Clonazepam	5.593	422985	61588.3	34.0	∞	33280	282.322 ng/ml
Clonazepam	5.540	706756	10421.0	38.8	∞	99532	302.649 ng/ml
Cocaine	4.240	2551427	161646.4	50.2	60585.3	802279	273.082 ng/ml
Codeine	2.552	238161	15387.5	93.3	38085.8	46541	281.186 ng/ml
Cyclobenzaprine	5.601	2665023	83954.8	8.5	43267.0	330376	264.705 ng/ml
Dextromethorphan	5.240	1687608	∞	75.9	43254.0	309676	278.952 ng/ml
Dextrophan	4.108	2525991	123865.2	44.8	72546.7	504759	276.764 ng/ml
Diazepam	5.918	1035237	10708.6	87.0	7728.6	192621	272.067 ng/ml
Dihydrocodeine	2.511	782648	7987.8	60.7	5059.9	219564	240.019 ng/ml
Diphenhydramine	5.272	8178416	134395.7	30.6	∞	1530921	273.799 ng/ml
Doxylamine	4.494	9461143	720168.3	77.8	161382.6	1312954	278.160 ng/ml
EDDP	5.235	4306666	229392.9	42.7	∞	801853	277.925 ng/ml
Etizolam	5.785	718649	42886.7	23.2	∞	165230	255.076 ng/ml
Fentanyl	5.057	283204	30544.3	122.0	602637.7	515897	27.535 ng/ml
Flualprazolam	5.681	520782	12758.6	94.7	∞	165230	265.423 ng/ml
Fluoxetine	5.687	1643657	608415.0	7.4	212343.8	224032	274.388 ng/ml
Hydrocodone	2.998	1073165	∞	37.4	∞	232056	272.454 ng/ml
Hydromorphone	1.577	782111	∞	74.6	6786589101 3999.7	94249	283.254 ng/ml
Ketamine	4.016	2611898	224503.2	37.2	31981.9	504583	278.561 ng/ml
Lamotrigine	4.268	180106	82610.9	90.0	3957230.7	165230	282.973 ng/ml

AM #28 Multi-Drug Quant. Results

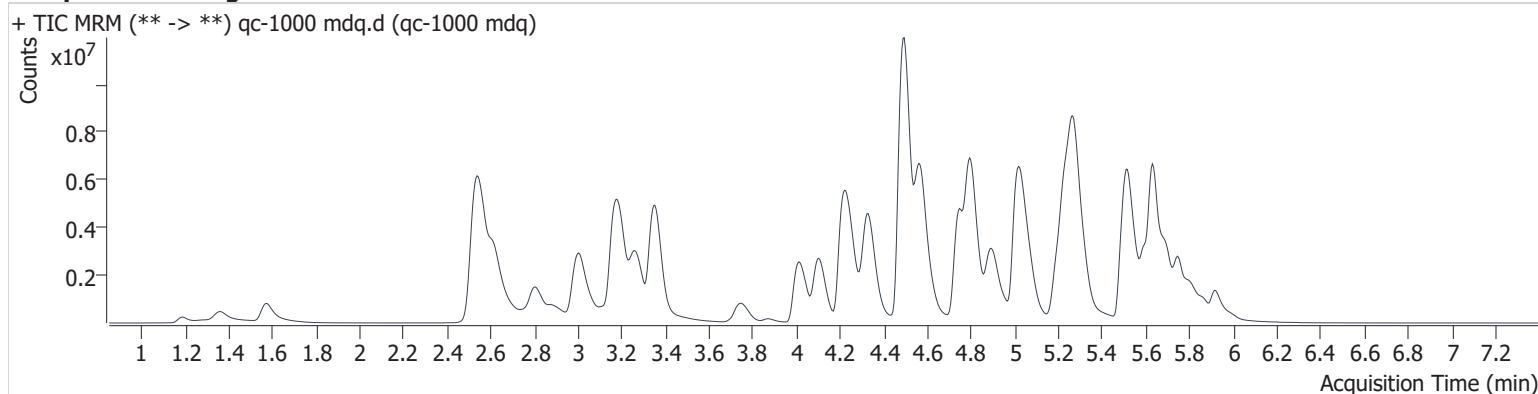
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.620	820775	47087.9	221.6	87237.5	497611	286.113 ng/ml
Lorazepam	5.723	148354	9121829884 3059.4	49.2	14254.3	57135	259.366 ng/ml
MDA	3.168	1762180	28913.3	27.1	6208.8	231953	269.350 ng/ml
MDMA	3.266	2485789	468049.6	92.2	59692.4	96203	283.464 ng/ml
Meprobamate	4.899	384972	110460.3	29.4	∞	57207	249.305 ng/ml
Methadone	5.630	5051239	254230.6	53.5	73225.8	819072	271.512 ng/ml
Methamphetamine	3.187	4962188	57981.3	38.8	73582.7	909554	272.897 ng/ml
Metoprolol	4.298	522034	526424.3	97.9	∞	231953	308.751 ng/ml
Mirtazapine	4.572	5662482	146986.2	47.8	∞	819072	269.485 ng/ml
Mitragynine	5.185	1043031	672882.8	33.0	9522.2	14052	286.865 ng/ml
Morphine	1.191	128628	17630.0	16.2	1407.4	6180	271.589 ng/ml
Norbuprenorphine	4.978	6209	116.4	109.4	∞	14052	28.054 ng/ml
Nordiazepam	5.866	693346	21732.1	61.7	∞	90595	281.972 ng/ml
Norfentanyl	4.058	208731	9836.9	39.2	∞	859462	25.269 ng/ml
Norhydrocodone	3.049	126572	11232.6	30.7	∞	69651	270.463 ng/ml
Noroxycodone	2.889	662931	∞	45.5	∞	81845	279.172 ng/ml
O-desmethyl-tramadol	3.355	6339043	299459.0	6.1	58283.1	1175939	276.628 ng/ml
Oxazepam	5.725	278247	7344.2	69.3	25307686.9	57135	236.424 ng/ml
Oxycodone	2.807	2002402	∞	29.8	∞	325853	271.251 ng/ml
Oxymorphone	1.359	757829	∞	44.1	19516.6	100458	277.629 ng/ml
Promethazine	5.522	4226415	∞	39.6	90500.6	769169	269.218 ng/ml
Pseudoephedrine	2.544	11116579	∞	24.1	∞	2006665	271.255 ng/ml
Quetiapine	5.493	2795925	144170.0	62.8	82813.8	165473	279.677 ng/ml
Sertraline	5.750	478974	668106.8	96.6	924054.8	67269	283.799 ng/ml
Temazepam	5.798	1447912	28251.9	28.3	13647.8	259480	263.987 ng/ml
Tramadol	4.222	6021286	226195.4	3.5	8221.7	1181076	270.337 ng/ml
Trazodone	5.020	2992985	1443101.6	80.4	62086.4	529611	264.253 ng/ml
Venlafaxine	5.020	4709139	453296.4	37.6	37924.3	1104919	259.680 ng/ml
Zolpidem	4.800	6714970	272570.6	28.4	63409.0	1192487	272.730 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
 Calibration Last Update 12/8/2021 10:36:34 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-D6 Comment
 Injection Volume 3
 Acq. Date-Time 12/7/2021 6:24:32 PM
 Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	151265	27990.2	129.4	∞	38820	111.945 ng/ml
7-aminoclonazepam	4.251	406874	17467.4	84.9	∞	29425	862.930 ng/ml
a-hydroxyalprazolam	5.666	89576	3162.9	55.2	2189.6	10275	1037.442 ng/ml
alpha-PHP	4.894	8167360	220114.6	39.3	201741.4	230368	1140.407 ng/ml
alpha-PVP	4.331	10463675	1556660.5	52.7	477114.4	387842	1124.168 ng/ml
Alprazolam	5.750	2431165	5272.0	91.8	∞	77420	1085.240 ng/ml
Amphetamine	3.011	2962224	128402.0	239.6	343111.5	230368	660.265 ng/ml ocr
Benzoylcegonine	3.870	225444	227932.3	54.0	16683.1	7014	1133.320 ng/ml
Buprenorphine	5.633	83740	305523.4	16.9	58168.3	31046	107.638 ng/ml
Bupropion	4.749	9584108	33288560.2	67.1	167032.7	425273	1043.900 ng/ml
Carisoprodol	5.705	957995	3819070.6	61.4	26313.2	35845	1167.374 ng/ml
Citalopram	5.202	4432668	112598.9	40.9	53586.5	181876	1068.984 ng/ml
Clonazepam	5.593	425161	134555.6	34.8	168281.1	10275	922.724 ng/ml
Clonazepam	5.550	978103	60748.1	38.4	∞	29425	1416.808 ng/ml
Cocaine	4.240	5860964	265198.2	49.5	306093.0	456726	1105.825 ng/ml
Codeine	2.552	460402	146947.8	97.7	76755.0	26150	971.890 ng/ml
Cyclobenzaprine	5.595	5971005	11268541.5	8.2	409715.7	184043	1066.977 ng/ml
Dextromethorphan	5.240	3348674	135171.0	74.8	28207.2	156593	1096.854 ng/ml
Dextrophan	4.103	6856209	4661549.0	43.4	1099464.6	323769	1173.275 ng/ml
Diazepam	5.918	2523909	∞	87.3	∞	112348	1139.484 ng/ml
Dihydrocodeine	2.506	1783573	2964.3	62.0	2781.9	169538	711.592 ng/ml ocr
Diphenhydramine	5.272	18279014	219077.3	30.0	110234.8	815881	1149.676 ng/ml
Doxylamine	4.494	26380159	693922.0	82.6	437796.5	953231	1070.367 ng/ml
EDDP	5.235	11902521	458941.5	42.6	2085563.5	542772	1137.361 ng/ml
Etizolam	5.785	1711367	86619.9	23.5	6077.6	77420	1293.224 ng/ml
Fentanyl	5.057	792801	∞	129.9	1748930.1	329014	120.962 ng/ml
Flualprazolam	5.681	917987	20650.4	92.3	9148.2	77420	1000.071 ng/ml
Fluoxetine	5.687	3162444	73914.2	7.5	827883.7	109073	1086.734 ng/ml
Hydrocodone	2.993	2891346	∞	37.1	8000093642	162204	1052.850 ng/ml
					3622.7		
Hydromorphone	1.572	2225621	∞	74.9	∞	69241	1098.749 ng/ml
Ketamine	4.011	6761075	12185113.2	37.6	87223.2	345280	1057.075 ng/ml
Lamotrigine	4.268	290919	13458.5	85.8	593570.7	77420	977.465 ng/ml

AM #28 Multi-Drug Quant. Results

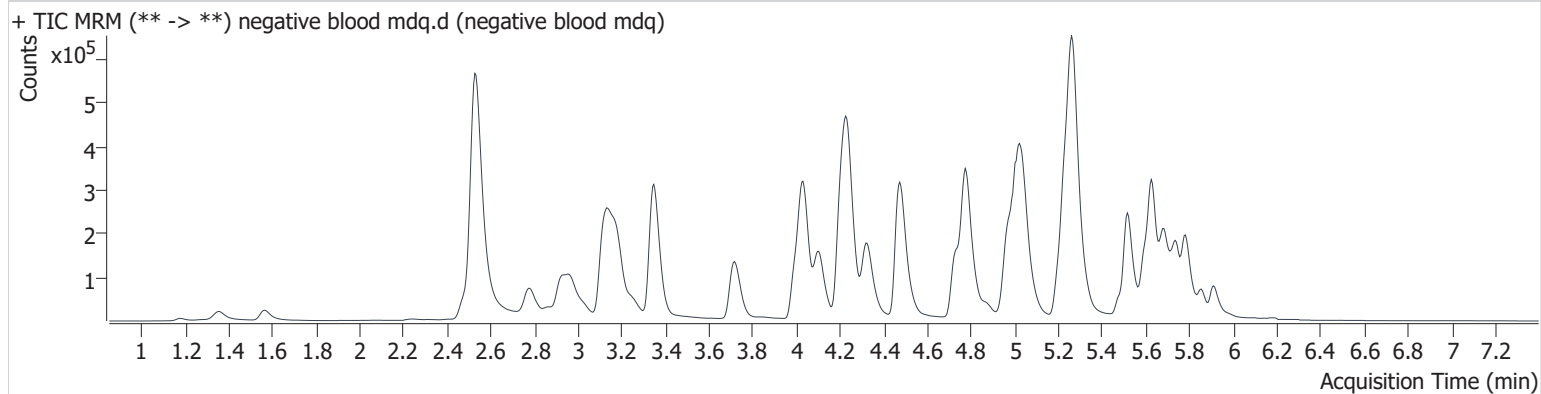
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Levetiracetam	2.620	2210276	373388.2	221.8	155307.1	361352	1064.170	ng/ml
Lorazepam	5.723	190723	∞	44.2	9116.0	12363	1545.753	ng/ml ocr
MDA	3.153	2389954	119706.9	27.4	15490.0	110638	769.386	ng/ml ocr
MDMA	3.266	5601098	274209.4	90.7	412745.3	57087	1079.020	ng/ml
Meprobamate	4.915	572355	546640.8	29.5	60867.5	28842	738.916	ng/ml ocr
Methadone	5.630	13986713	∞	50.7	304628.6	535099	1152.210	ng/ml
Methamphetamine	3.180	11323845	213942.6	38.0	34414.4	738266	793.317	ng/ml ocr
Metoprolol	4.298	938282	89940.3	96.8	∞	110638	1160.993	ng/ml
Mirtazapine	4.572	15275403	329090.4	46.2	2268334.3	535099	1115.298	ng/ml
Mitragynine	5.180	2602262	794171.3	35.0	58376.8	10448	963.886	ng/ml
Morphine	1.191	346825	3717.2	15.9	5556.3	4286	1060.631	ng/ml
Norbuprenorphine	4.973	17745	∞	96.2	168.3	10448	108.461	ng/ml
Nordiazepam	5.872	1037320	21427.0	61.3	35609.4	36390	1052.961	ng/ml
Norfentanyl	4.058	528971	24658.8	39.8	∞	486313	112.643	ng/ml
Norhydrocodone	3.049	327294	5971.6	34.1	26466.9	42137	1145.821	ng/ml
Noroxycodone	2.884	1603501	∞	44.6	∞	50295	1101.614	ng/ml
O-desmethyl-tramadol	3.353	17385526	∞	5.9	166274.3	806857	1108.008	ng/ml
Oxazepam	5.725	231611	22512.0	72.8	40007.1	12363	913.488	ng/ml
Oxycodone	2.802	5705694	∞	29.1	∞	240637	1049.677	ng/ml
Oxymorphone	1.359	2004120	∞	44.0	∞	71394	1035.812	ng/ml
Promethazine	5.522	12189792	191911.9	36.9	139882.1	519954	1149.855	ng/ml
Pseudoephedrine	2.544	24864003	∞	23.8	∞	1097381	1111.278	ng/ml
Quetiapine	5.487	6683237	403729.2	62.6	405869.5	115902	958.157	ng/ml
Sertraline	5.750	996594	151230.6	101.8	327935.0	36420	1093.924	ng/ml
Temazepam	5.803	2069675	∞	28.7	7160.9	89346	1095.909	ng/ml
Tramadol	4.211	14852713	552763.0	3.4	13200.8	734409	1076.264	ng/ml
Trazodone	5.025	6421127	99725.3	80.5	21745.9	390543	772.114	ng/ml ocr
Venlafaxine	5.012	12925113	232653.0	36.4	165391.9	699145	1122.629	ng/ml
Zolpidem	4.798	18621459	548718.0	27.8	559571.2	800375	1129.255	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-F6	Comment	
Injection Volume	3		
Acq. Date-Time	12/7/2021 6:33:34 PM		
Sample Info.			

Sample Chromatogram

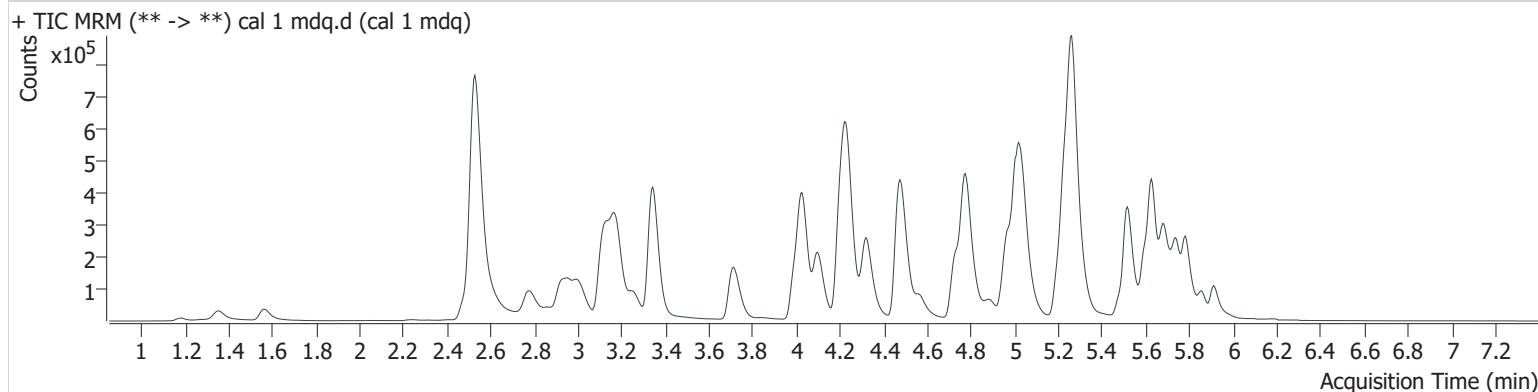


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
 Calibration Last Update 12/8/2021 10:36:34 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-A5 Comment
 Injection Volume 3
 Acq. Date-Time 12/7/2021 4:36:18 PM
 Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	1273	4933.7	155.1	3816.4	68815	0.503 ng/ml
7-aminoclonazepam	4.246	18164	∞	68.4	51453.7	194979	4.998 ng/ml
a-hydroxyalprazolam	5.671	4064	4654.8	44.2	4184.3	66921	5.087 ng/ml
alpha-PHP	4.894	66223	∞	40.1	15419.4	427104	5.161 ng/ml
alpha-PVP	4.331	89384	367430.3	53.7	5693.0	656691	5.067 ng/ml
Alprazolam	5.750	40405	4377.6	88.5	8656.3	240434	5.064 ng/ml
Amphetamine	3.006	68194	11844.1	244.1	10596.2	427104	4.646 ng/ml
Benzoylcegonine	3.865	1399	3074.2	57.9	261.7	7994	5.071 ng/ml
Buprenorphine	5.628	1466	30945.5	12.0 Low	∞	86541	0.813 ng/ml
Bupropion	4.744	79794	611834.6	72.7	∞	646827	4.945 ng/ml
Carisoprodol	5.705	22383	81320.1	66.3	711.0	173543	4.991 ng/ml
Citalopram	5.202	67013	2087.2	38.1	74174.6	503929	5.067 ng/ml
Clonazepam	5.599	18948	1105.9	35.5	2438.1	66921	4.708 ng/ml
Clonazepam	5.535	23132	∞	41.2	140983.0	194979	5.042 ng/ml
Cocaine	4.235	69581	∞	52.1	∞	939400	5.103 ng/ml
Codeine	2.547	8223	21203.9	92.3	75457.6	69779	4.696 ng/ml
Cyclobenzaprine	5.601	70266	2300.6	8.3	1522.2	403302	4.958 ng/ml
Dextromethorphan	5.240	48446	10230.7	75.4	44339.6	433018	4.981 ng/ml
Dextrophan	4.103	56854	180084.5	46.1	31004.0	553903	5.031 ng/ml
Diazepam	5.918	25418	∞	87.2	4038.1	228026	4.947 ng/ml
Dihydrocodeine	2.516	23146	945.7	59.9	800.8	245436	4.746 ng/ml
Diphenhydramine	5.267	205829	5920.2	32.0	∞	1906607	5.100 ng/ml
Doxylamine	4.494	200575	215149.2	72.2	19038.4	1340788	5.051 ng/ml
EDDP	5.235	103478	43386.7	42.8	50276.9	904386	5.094 ng/ml
Etizolam	5.785	18559	69120.4	25.0	4386.2	240434	5.286 ng/ml
Fentanyl	5.052	6759	3444.4	107.0	14957.4	611700	0.526 ng/ml
Flualprazolam	5.681	15838	∞	102.6	∞	240434	4.996 ng/ml
Fluoxetine	5.682	58035	145803.6	6.8	12431.3	378311	4.945 ng/ml
Hydrocodone	2.993	25733	1910.1	33.1	3960.6	262280	4.860 ng/ml
Hydromorphone	1.572	17598	∞	72.5	923.8	106381	5.106 ng/ml
Ketamine	4.011	61086	1145092.4	37.2	2929.5	538758	4.936 ng/ml
Lamotrigine	4.257	5479	10045.7	91.4	57351.3	240434	5.129 ng/ml
Levetiracetam	2.615	19514	∞	234.4	1815.8	568296	4.814 ng/ml

AM #28 Multi-Drug Quant. Results

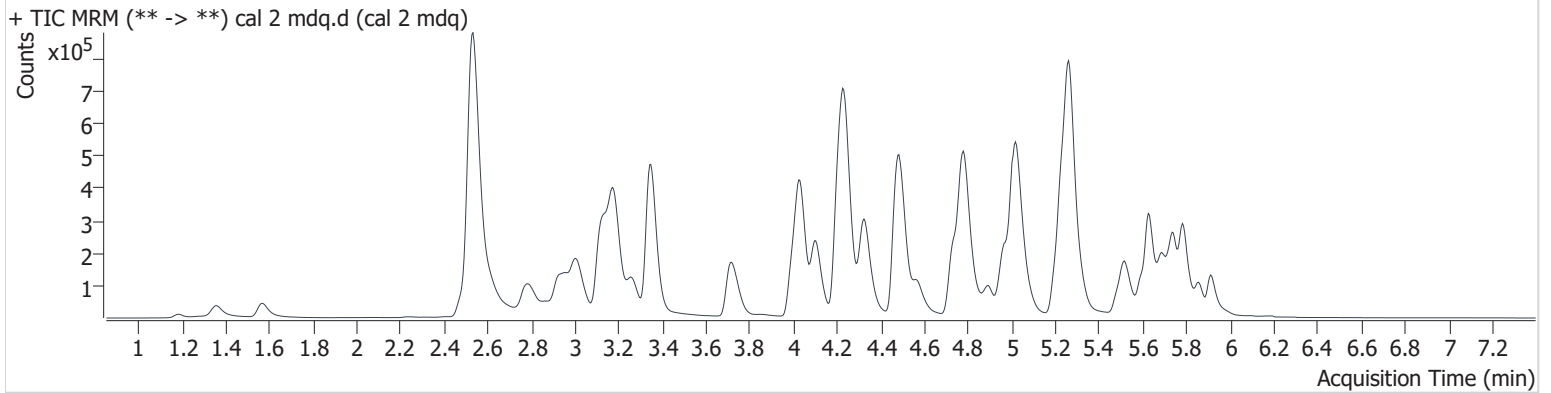
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	11019	∞	53.6	∞	190385	4.847 ng/ml
MDA	3.168	82036	∞	27.5	447.5	443485	4.696 ng/ml
MDMA	3.261	61655	∞	94.1	2151.6	114660	4.970 ng/ml
Meprobamate	4.894	15005	40274.2	33.7	456.2	83952	4.750 ng/ml
Methadone	5.630	111537	202175.2	57.0	29040.6	879589	5.152 ng/ml
Methamphetamine	3.180	334994	5650.1	39.0	4532.3	906595	5.067 ng/ml
Metoprolol	4.298	14020	∞	99.7	∞	443485	5.205 ng/ml
Mirtazapine	4.567	124965	178670.1	48.8	∞	879589	4.748 ng/ml
Mitragynine	5.185	25735	57832.0	33.9	10975.4	16901	5.342 ng/ml
Morphine	1.186	3354	1350.7	15.8	9746.7	6795	4.816 ng/ml
Norbuprenorphine	4.973	288	714.6	72.2 Low	422.9	16901	0.867 ng/ml
Nordiazepam	5.866	21518	49071.5	61.5	∞	134214	4.927 ng/ml
Norfentanyl	4.058	4974	773.0	44.0	∞	1043612	0.645 ng/ml
Norhydrocodone	3.039	1874	∞	20.7 Low	∞	67860	7.184 ng/ml
Noroxycodone	2.884	18378	∞	46.5	∞	107050	4.996 ng/ml
O-desmethyl-tramadol	3.348	139649	94758.5	5.8	7808.9	1238174	5.043 ng/ml
Oxazepam	5.730	24285	∞	73.5	713.0	190385	4.836 ng/ml
Oxycodone	2.802	48719	∞	28.3	∞	361553	4.902 ng/ml
Oxymorphone	1.359	19908	1777.7	44.7	∞	123505	4.957 ng/ml
Promethazine	5.517	97533	190416.6	41.2	1932.5	861692	5.182 ng/ml
Pseudoephedrine	2.539	303461	∞	24.3	∞	2623945	5.074 ng/ml
Quetiapine	5.493	67400	∞	62.8	∞	174696	4.884 ng/ml
Sertraline	5.750	17628	∞	98.2	9681.3	116516	4.907 ng/ml
Temazepam	5.792	55031	763.4	26.9	192.6	490249	5.307 ng/ml
Tramadol	4.216	146005	28428.9	3.7	282.5	1255378	4.898 ng/ml
Trazodone	5.015	79575	78504.4	80.0	84257.2	574550	4.784 ng/ml
Venlafaxine	5.012	103417	40457.7	38.9	2313.9	1265208	6.090 ng/ml
Zolpidem	4.793	149979	10169.4	30.6	74227.9	1251305	5.050 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-B5 **Comment**
Injection Volume 3
Acq. Date-Time 12/7/2021 4:45:20 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	2566	∞	138.9	11810.3	71871	0.997 ng/ml
7-aminoclonazepam	4.251	34519	6418.1	69.2	6484.4	200755	9.919 ng/ml
a-hydroxyalprazolam	5.671	7175	∞	57.4	∞	74143	9.385 ng/ml
alpha-PHP	4.899	125926	∞	40.5	18543.4	433341	9.520 ng/ml
alpha-PVP	4.331	169881	22627.8	55.3	17635.0	675792	9.873 ng/ml
Alprazolam	5.745	79195	2612.0	91.8	12254.7	258439	9.850 ng/ml
Amphetamine	3.011	120058	12033.1	246.5	43403.9	433341	10.707 ng/ml
Benzoylcegonine	3.870	2638	5044.6	61.5	∞	8555	9.777 ng/ml
Buprenorphine	5.628	1649	5180.5	8.1 Low	∞	66086	1.133 ng/ml
Bupropion	4.749	152442	14470.9	69.6	10014.9	644005	10.199 ng/ml
Carisoprodol	5.705	45462	93199.5	61.0	574.7	183255	10.197 ng/ml
Citalopram	5.202	97246	2559.7	37.1	44388.4	404686	9.777 ng/ml
Clonazepam	5.593	39873	∞	34.6	∞	74143	10.397 ng/ml
Clonazepam	5.535	48806	108718.6	40.8	19128.0	200755	10.348 ng/ml
Cocaine	4.235	126235	50866.0	51.5	785177.1	992260	9.688 ng/ml
Codeine	2.552	16718	20670.3	87.3	∞	73506	10.757 ng/ml
Cyclobenzaprine	5.601	43355	22819.4	8.9	∞	129397	10.250 ng/ml
Dextromethorphan	5.240	58578	90570.1	77.5	7121.4	274580	10.188 ng/ml
Dextrophan	4.103	107241	12268.1	45.8	144190.4	556235	10.029 ng/ml
Diazepam	5.918	52358	5704.6	85.5	∞	243144	10.219 ng/ml
Dihydrocodeine	2.516	45805	2511.6	59.2	1075.6	250583	10.745 ng/ml
Diphenhydramine	5.267	302043	48882037.8	32.2	∞	1514785	9.794 ng/ml
Doxylamine	4.494	372093	20035.2	75.5	371582.4	1359863	9.852 ng/ml
EDDP	5.235	169400	225683.7	43.6	∞	825549	9.805 ng/ml
Etizolam	5.785	38955	∞	22.9	58979.2	258439	9.586 ng/ml
Fentanyl	5.057	5093	11947.4	120.2	4545.3	262924	0.944 ng/ml
Flualprazolam	5.681	32221	∞	99.6	∞	258439	9.959 ng/ml
Fluoxetine	5.682	28103	29596.9	6.7	6469.1	94009	10.404 ng/ml
Hydrocodone	2.993	51365	∞	34.7	4145059606 2870.4	266967	10.434 ng/ml
Hydromorphone	1.577	33997	∞	79.7	3236.5	112959	9.741 ng/ml
Ketamine	4.016	119117	∞	37.4	1102.6	563667	10.229 ng/ml
Lamotrigine	4.263	9978	16868.2	94.2	1996.3	258439	9.248 ng/ml

AM #28 Multi-Drug Quant. Results

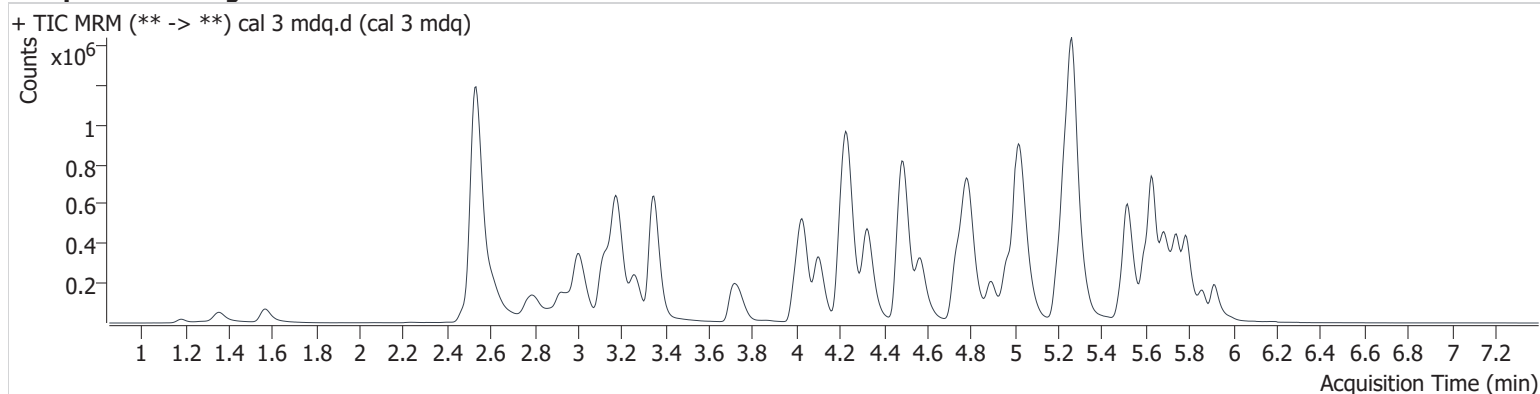
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.620	39101	1932.5	228.8	3063.7	580304	10.569 ng/ml
Lorazepam	5.723	23057	∞	47.6	201.5	196896	10.784 ng/ml
MDA	3.173	150948	28666.9	27.3	3652.7	428209	10.678 ng/ml
MDMA	3.266	117472	∞	93.5	5828.5	117086	10.095 ng/ml
Meprobamate	4.899	30545	∞	31.7	1700.0	90731	10.646 ng/ml
Methadone	5.630	137854	2687.2	57.7	∞	595884	9.762 ng/ml
Methamphetamine	3.185	424266	20348.0	39.2	13110.1	929770	9.638 ng/ml
Metoprolol	4.303	27470	288014.4	101.5	∞	428209	9.656 ng/ml
Mirtazapine	4.572	184422	205007.9	49.2	754085.7	595884	11.294 ng/ml
Mitragynine	5.185	28130	28912.6	31.4	∞	12493	8.165 ng/ml
Morphine	1.191	6062	1267.0	16.8	610.4	7133	9.493 ng/ml
Norbuprenorphine	4.983	155	42.3	197.5 High	∞	12493	0.573 ng/ml
Nordiazepam	5.866	43103	∞	60.7	∞	140120	10.373 ng/ml
Norfentanyl	4.058	9682	1077.7	42.7	10504.6	1067249	1.091 ng/ml
Norhydrocodone	3.044	3486	∞	30.7	∞	68195	10.640 ng/ml
Noroxycodone	2.889	36298	∞	46.0	∞	115006	9.974 ng/ml
O-desmethyl-tramadol	3.353	270834	45217.2	6.3	8545.8	1305476	9.915 ng/ml
Oxazepam	5.730	47649	∞	74.5	2108.9	196896	10.425 ng/ml
Oxycodone	2.807	97288	∞	27.4	582.2	378476	10.321 ng/ml
Oxymorphone	1.359	37957	5428.5	44.2	∞	126327	10.101 ng/ml
Promethazine	5.522	57297	∞	44.4	3007.0	283517	9.544 ng/ml
Pseudoephedrine	2.539	588207	∞	24.7	∞	2750987	9.891 ng/ml
Quetiapine	5.493	95909	∞	60.7	145276.1	135459	10.247 ng/ml
Sertraline	5.745	10226	∞	89.9	23254.1	35187	10.482 ng/ml
Temazepam	5.792	111382	2733.3	27.5	1114.0	510719	10.314 ng/ml
Tramadol	4.221	282760	41497.5	3.5	216.2	1305507	10.242 ng/ml
Trazodone	5.015	84394	6420.4	76.6	∞	326102	10.446 ng/ml
Venlafaxine	5.017	200444	48457.3	38.2	1530.2	1309817	10.415 ng/ml
Zolpidem	4.798	284947	168596.1	28.1	101923.4	1293645	9.927 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-C5 **Comment**
Injection Volume 3
Acq. Date-Time 12/7/2021 4:54:22 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	6630	34181.7	137.8	26557.4	76795	2.452 ng/ml
7-aminoclonazepam	4.246	89633	6341.0	69.4	30548.5	212548	25.521 ng/ml
a-hydroxyalprazolam	5.671	17126	5413.4	50.5	∞	70968	26.622 ng/ml
alpha-PHP	4.894	348753	411423.9	40.4	5339.0	462905	24.405 ng/ml
alpha-PVP	4.331	457597	29750.8	53.7	53461.3	766567	24.279 ng/ml
Alprazolam	5.745	195879	3993.0	89.2	2172.2	271006	24.249 ng/ml
Amphetamine	3.006	285218	31025.5	241.5	12974.5	462905	28.213 ng/ml
Benzoylcegonine	3.870	6333	7993.0	55.8	5252.9	8682	24.638 ng/ml
Buprenorphine	5.628	6169	32777.8	17.2	3211.1	98625	2.631 ng/ml
Bupropion	4.749	421934	∞	70.5	10540.7	756878	25.068 ng/ml
Carisoprodol	5.705	105136	364437.4	65.7	4464.2	185073	24.182 ng/ml
Citalopram	5.202	321266	21540.1	37.2	114050.7	548060	24.959 ng/ml
Clonazepam	5.593	90567	6349.6	36.0	861455.7	70968	26.892 ng/ml
Clonazolam	5.540	117873	170370.7	40.7	∞	212548	23.623 ng/ml
Cocaine	4.235	320860	∞	51.4	69032859.2	1078775	24.373 ng/ml
Codeine	2.547	39334	227853.1	91.2	∞	74875	27.232 ng/ml
Cyclobenzaprine	5.601	302149	185912.8	8.5	2638.1	389884	24.729 ng/ml
Dextromethorphan	5.240	229766	75810.1	77.7	218677.9	465037	24.598 ng/ml
Dextrorphan	4.103	281103	84479.5	43.7	1030026.9	624093	24.311 ng/ml
Diazepam	5.918	133617	∞	84.3	4352.1	262912	25.084 ng/ml
Dihydrocodeine	2.516	110556	6259.9	59.9	900.6	268559	26.262 ng/ml
Diphenhydramine	5.267	1024714	31170.9	31.8	91533.8	2127266	24.287 ng/ml
Doxylamine	4.494	1004781	3986686.3	76.0	15084.3	1534416	24.606 ng/ml
EDDP	5.235	519841	∞	42.3	425690.6	1078521	24.172 ng/ml
Etizolam	5.785	98927	∞	22.4	49229.4	271006	22.116 ng/ml
Fentanyl	5.057	28664	∞	120.1	31139.1	623889	2.278 ng/ml
Flualprazolam	5.681	81846	208290.5	99.2	∞	271006	24.924 ng/ml
Fluoxetine	5.682	194874	∞	7.3	131993.4	298963	23.641 ng/ml
Hydrocodone	2.993	126477	∞	36.4	∞	283614	25.423 ng/ml
Hydromorphone	1.572	88061	∞	78.0	∞	123005	23.933 ng/ml
Ketamine	4.011	301314	42255.2	37.5	10250.2	623570	24.923 ng/ml
Lamotrigine	4.263	27500	8023.4	86.5	55468.5	271006	25.614 ng/ml
Levetiracetam	2.615	98397	2245.1	225.3	16610.1	641737	25.539 ng/ml

AM #28 Multi-Drug Quant. Results

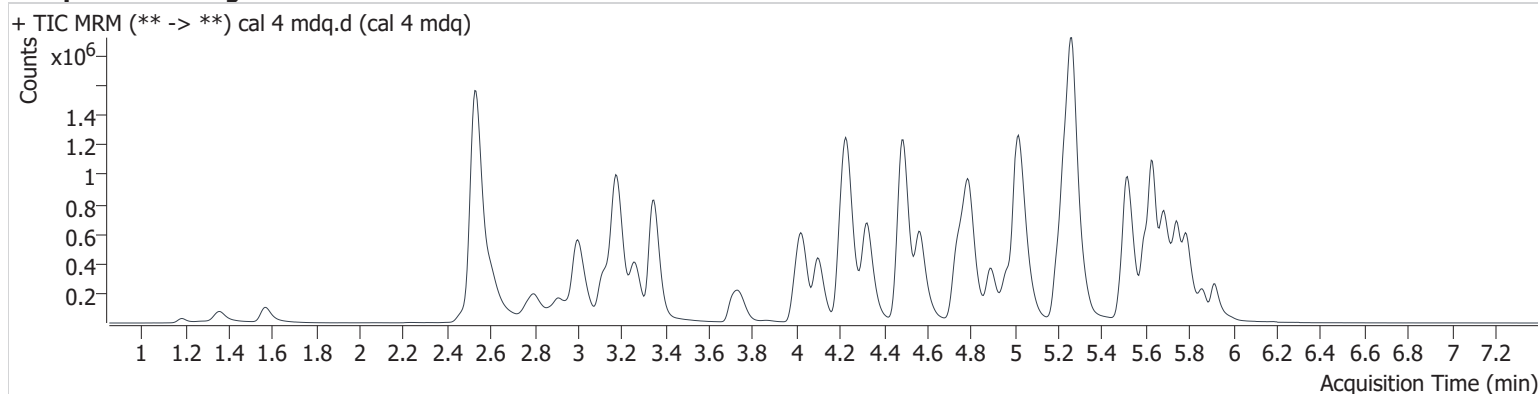
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	48291	∞	47.0	∞	191832	24.283 ng/ml
MDA	3.168	364125	∞	27.3	1877.5	444292	27.354 ng/ml
MDMA	3.266	305263	1838676.8	93.4	23375.4	129214	25.055 ng/ml
Meprobamate	4.899	73600	647941.3	28.5	891.5	94843	27.048 ng/ml
Methadone	5.630	543467	∞	58.8	∞	1012970	23.219 ng/ml
Methamphetamine	3.180	760810	8869.3	39.1	4805.0	1046895	23.878 ng/ml
Metoprolol	4.298	72110	128495.4	94.1	8241.0	444292	23.083 ng/ml
Mirtazapine	4.572	631302	∞	48.0	542000.1	1012970	23.560 ng/ml
Mitragynine	5.185	128955	345451.0	29.2	∞	16816	29.140 ng/ml
Morphine	1.186	15064	3451.7	16.6	702.4	7356	25.221 ng/ml
Norbuprenorphine	4.978	765	∞	102.3	131.8	16816	2.691 ng/ml
Nordiazepam	5.866	105470	2845333.2	62.2	∞	152052	24.646 ng/ml
Norfentanyl	4.058	23913	13663.0	39.7	29938.2	1170352	2.266 ng/ml
Norhydrocodone	3.044	10198	∞	26.2	11970.4	77794	22.406 ng/ml
Noroxycodone	2.884	88569	∞	46.8	∞	117429	25.143 ng/ml
O-desmethyl-tramadol	3.353	692614	109609.0	6.3	∞	1412365	24.474 ng/ml
Oxazepam	5.730	105335	∞	71.0	1671.4	191832	25.422 ng/ml
Oxycodone	2.802	239018	∞	29.3	∞	404158	25.138 ng/ml
Oxymorphone	1.359	94410	18883.4	44.4	47637.6	133550	25.114 ng/ml
Promethazine	5.517	423632	266373.8	41.4	30464.3	855193	23.932 ng/ml
Pseudoephedrine	2.539	1470354	∞	24.5	29930.0	2906678	24.222 ng/ml
Quetiapine	5.493	324814	3435468.3	64.7	679076.5	200298	25.452 ng/ml
Sertraline	5.745	55207	∞	99.8	76056.7	90395	23.293 ng/ml
Temazepam	5.792	273674	8553.0	28.5	7255.4	530739	24.391 ng/ml
Tramadol	4.221	724905	81808.3	3.6	1490.9	1431872	25.676 ng/ml
Trazodone	5.015	373642	74443.7	80.5	431389.6	621188	26.576 ng/ml
Venlafaxine	5.017	522425	208173.3	39.0	16612.2	1436896	23.188 ng/ml
Zolpidem	4.793	747634	180405.6	28.7	1480265.6	1458241	24.131 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-D5 **Comment**
Injection Volume 3
Acq. Date-Time 12/7/2021 5:03:25 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	12929	∞	125.4	7675.7	73572	5.021 ng/ml
7-aminoclonazepam	4.246	167314	13276.8	72.7	6552.3	205356	50.073 ng/ml
a-hydroxyalprazolam	5.671	28060	983.0	50.9	∞	61478	52.274 ng/ml
alpha-PHP	4.894	669450	35288515.8	40.7	∞	438551	49.269 ng/ml
alpha-PVP	4.331	877788	98979.5	53.4	38113.7	728247	49.644 ng/ml
Alprazolam	5.745	348072	∞	91.1	4842.2	237058	50.031 ng/ml
Amphetamine	3.001	508215	22967.2	239.5	∞	438551	56.231 ng/ml
Benzoylcegonine	3.870	12121	30144.3	51.6	11916.8	8268	50.635 ng/ml
Buprenorphine	5.628	12216	14965.4	18.0	15791.0	95180	5.253 ng/ml
Bupropion	4.744	800181	37640.7	71.5	10085.1	728691	50.129 ng/ml
Carisoprodol	5.705	184386	∞	63.1	1566.7	161904	49.127 ng/ml
Citalopram	5.202	615251	32925.3	39.3	214879.1	543395	48.927 ng/ml
Clonazepam	5.593	157043	131821.9	34.8	66215.4	61478	55.449 ng/ml
Clonazepam	5.540	209719	2307953.1	40.4	198867.5	205356	43.515 ng/ml
Cocaine	4.235	613328	542480.0	50.0	12885522.0	1028385	50.166 ng/ml
Codeine	2.542	70378	16287103.0	92.0	6539.6	71192	52.851 ng/ml
Cyclobenzaprine	5.601	701717	1066075.6	8.6	∞	465384	48.848 ng/ml
Dextromethorphan	5.240	449548	23360.0	74.3	73639.4	456940	49.735 ng/ml
Dextrophan	4.103	544863	344152.2	44.7	458005.4	603609	49.382 ng/ml
Diazepam	5.918	241068	2054.0	86.8	2642.1	245038	49.222 ng/ml
Dihydrocodeine	2.506	209641	518.7	59.6	4100.9	260566	52.899 ng/ml
Diphenhydramine	5.267	1977201	∞	31.6	818676.6	2074107	48.495 ng/ml
Doxylamine	4.489	1933854	2580161.0	75.4	134065.3	1479903	49.837 ng/ml
EDDP	5.235	968551	1035523.7	44.0	∞	1005744	49.139 ng/ml
Etizolam	5.785	181729	18006.0	22.3	∞	237058	45.595 ng/ml
Fentanyl	5.052	65333	∞	119.6	∞	680187	4.794 ng/ml
Flualprazolam	5.681	145861	7308.7	97.3	∞	237058	51.362 ng/ml
Fluoxetine	5.682	566888	273431.8	7.2	181714.2	415552	50.361 ng/ml
Hydrocodone	2.993	236914	∞	36.2	∞	267296	51.458 ng/ml
Hydromorphone	1.572	174294	∞	71.8	3979773330 15614.0	119522	49.321 ng/ml
Ketamine	4.011	569971	33585.4	38.5	14360.5	593596	50.701 ng/ml
Lamotrigine	4.263	49163	47208.6	89.5	∞	237058	53.187 ng/ml

AM #28 Multi-Drug Quant. Results

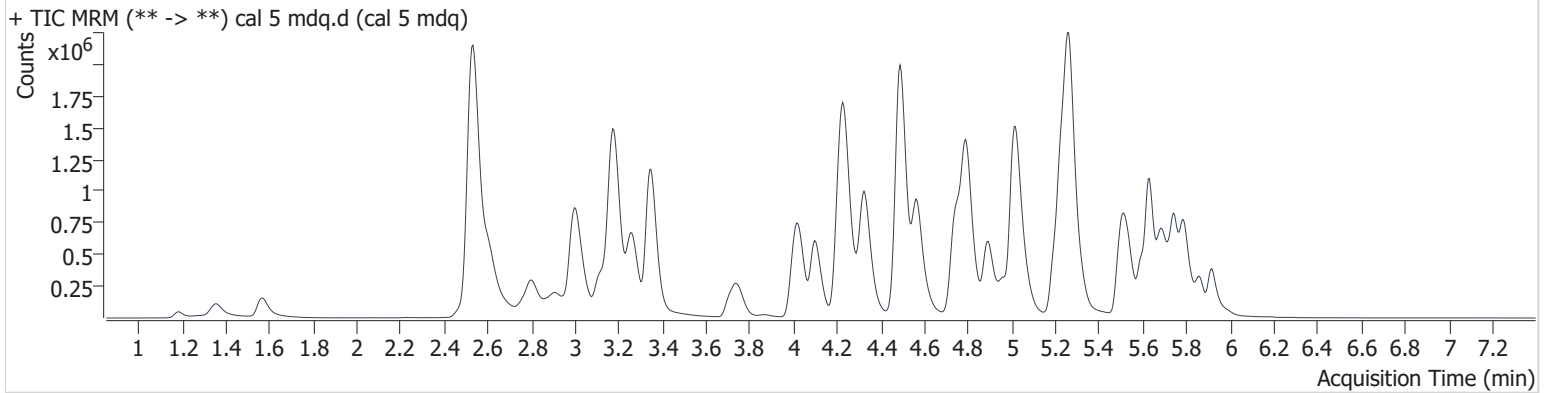
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.610	187387	29625.0	221.6	30286.9	620660	51.418 ng/ml
Lorazepam	5.723	76806	∞	42.9	∞	151832	49.761 ng/ml
MDA	3.168	643322	193411.2	27.4	4078.5	408548	54.315 ng/ml
MDMA	3.261	589644	592523.4	92.4	476345.0	126460	50.375 ng/ml
Meprobamate	4.894	130830	∞	30.1	38669.8	91772	51.299 ng/ml
Methadone	5.630	1123215	∞	55.9	18317.0	1014505	48.383 ng/ml
Methamphetamine	3.180	1341349	17765.0	39.3	26817.1	1012192	55.392 ng/ml
Metoprolol	4.298	133573	1261151.6	96.5	∞	408548	45.605 ng/ml
Mirtazapine	4.567	1238842	4606575.6	47.9	6531966.4	1014505	46.936 ng/ml
Mitragynine	5.180	245990	56599.0	31.8	70216.5	18379	51.273 ng/ml
Morphine	1.191	29590	3410.5	15.9	1004.5	7471	50.335 ng/ml
Norbuprenorphine	4.973	1367	∞	110.9	∞	18379	4.539 ng/ml
Nordiazepam	5.866	191763	∞	64.4	132516.4	141807	48.999 ng/ml
Norfentanyl	4.052	45834	4997.9	41.2	∞	1118963	4.389 ng/ml
Norhydrocodone	3.039	21850	∞	27.0	1755.5	76819	44.965 ng/ml
Noroxycodone	2.884	168083	∞	46.8	∞	113194	50.412 ng/ml
O-desmethyl-tramadol	3.348	1344034	1030461.0	6.3	55494.0	1364025	49.943 ng/ml
Oxazepam	5.730	172236	∞	68.6	1856.2	151832	54.003 ng/ml
Oxycodone	2.802	457808	∞	29.6	∞	387449	51.293 ng/ml
Oxymorphone	1.359	182004	∞	43.9	∞	129514	50.908 ng/ml
Promethazine	5.517	1001398	∞	41.4	25603.4	1005772	48.478 ng/ml
Pseudoephedrine	2.534	2784189	∞	24.3	53372.2	2766715	48.782 ng/ml
Quetiapine	5.493	631714	762277.4	62.5	1336553.9	196690	51.916 ng/ml
Sertraline	5.745	187297	6195172.5	96.3	∞	136611	53.719 ng/ml
Temazepam	5.792	483076	∞	27.9	1464.4	467759	48.855 ng/ml
Tramadol	4.216	1363601	75567.2	3.5	1743.1	1390979	50.934 ng/ml
Trazodone	5.015	771736	1213456.9	78.9	59790.5	653386	53.857 ng/ml
Venlafaxine	5.012	1014463	126221.3	37.3	13989.5	1381746	45.670 ng/ml
Zolpidem	4.793	1441354	∞	28.5	1223777.4	1364266	50.543 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-E5	Comment	
Injection Volume	3		
Acq. Date-Time	12/7/2021 5:12:27 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	23569	∞	132.6	∞	68022	9.928 ng/ml
7-aminoclonazepam	4.246	279074	13198.0	73.0	10774.9	174085	99.318 ng/ml
a-hydroxyalprazolam	5.671	46477	10032.3	55.0	2469.1	56480	95.978 ng/ml
alpha-PHP	4.894	1172355	∞	40.5	2149776338 6872.7	403131	93.703 ng/ml
alpha-PVP	4.331	1574867	837374.5	53.7	58513.0	667861	97.702 ng/ml
Alprazolam	5.745	641741	7729.0	89.6	2160.6	219037	100.575 ng/ml
Amphetamine	3.006	830583	24991.8	250.6	67784.3	403131	102.773 ng/ml
Benzoylcegonine	3.870	24016	78135.2	53.9	9100.3	8608	97.368 ng/ml
Buprenorphine	5.628	16666	∞	16.4	∞	71682	9.404 ng/ml
Bupropion	4.744	1413612	1846229.5	70.2	∞	647046	100.499 ng/ml
Carisoprodol	5.705	334356	967303.8	62.6	7111.3	144985	100.141 ng/ml
Citalopram	5.202	917917	47356.1	39.6	727482.3	404315	98.880 ng/ml
Clonazepam	5.593	282702	622717.5	35.5	282242.4	56480	110.201 ng/ml
Clonazolam	5.535	392902	∞	39.8	161372.3	174085	96.185 ng/ml
Cocaine	4.235	1090269	149125.4	51.2	1717465.0	941784	98.588 ng/ml
Codeine	2.547	115527	∞	94.2	∞	61284	102.435 ng/ml
Cyclobenzaprine	5.601	534084	∞	8.2	∞	173931	100.282 ng/ml
Dextromethorphan	5.240	571102	319845.4	75.4	∞	292724	99.378 ng/ml
Dextrorphan	4.103	986341	3329915.8	43.9	97168.7	561199	96.774 ng/ml
Diazepam	5.918	452748	6259.9	85.2	46355.7	225750	101.079 ng/ml
Dihydrocodeine	2.506	360740	2064.7	61.0	2772.4	242106	99.371 ng/ml
Diphenhydramine	5.267	2953842	460678.9	31.4	58808.5	1569958	96.145 ng/ml
Doxylamine	4.489	3533828	158879.5	76.6	83739.6	1351997	100.425 ng/ml
EDDP	5.235	1587779	∞	43.4	7740220.7	837787	97.523 ng/ml
Etizolam	5.785	322453	∞	23.4	∞	219037	86.847 ng/ml
Fentanyl	5.052	58574	39609.5	121.2	∞	321630	9.116 ng/ml
Flualprazolam	5.681	264869	11978.1	100.2	24622.1	219037	101.485 ng/ml
Fluoxetine	5.682	330947	26695.1	7.3	20342.8	121600	101.277 ng/ml
Hydrocodone	2.987	427044	∞	36.9	∞	248607	100.609 ng/ml
Hydromorphone	1.567	313139	∞	74.6	∞	103900	102.523 ng/ml
Ketamine	4.011	1052496	2317263.2	37.5	15538.8	555114	101.276 ng/ml
Lamotrigine	4.263	84204	11953.5	86.5	∞	219037	99.277 ng/ml



AM #28 Multi-Drug Quant. Results

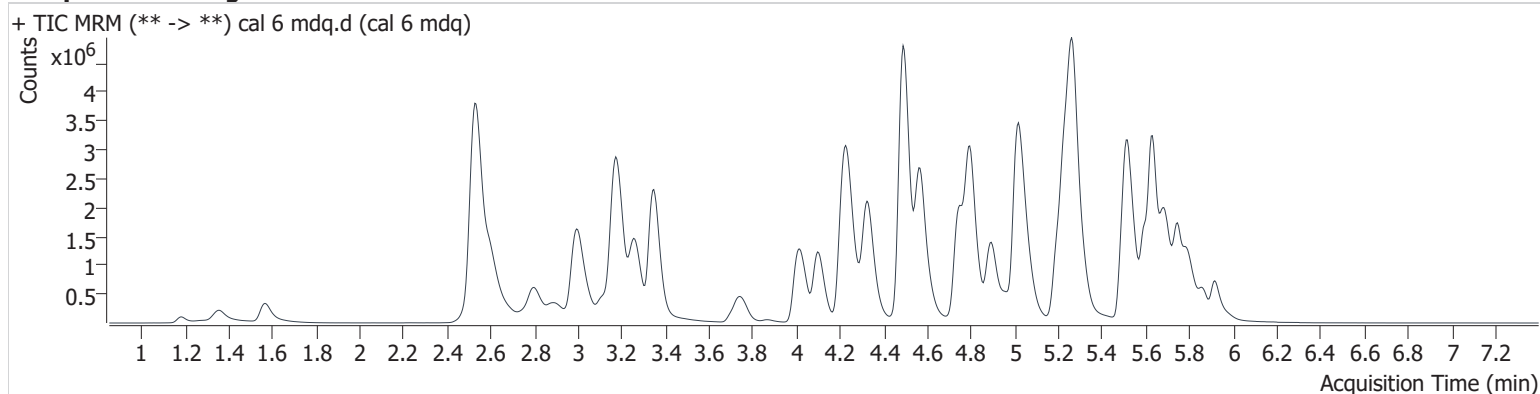
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.610	342725	16949.8	221.6	14856.0	561318	105.177 ng/ml
Lorazepam	5.723	114583	∞	48.2	2728.4	122347	92.940 ng/ml
MDA	3.168	1016803	704431.5	27.3	4949.5	338020	105.497 ng/ml
MDMA	3.261	1042602	72137.3	92.7	∞	113897	99.810 ng/ml
Meprobamate	4.899	222091	3244400.4	29.1	6196.0	78406	103.825 ng/ml
Methadone	5.630	1459482	18028.1	55.8	150726.0	669435	95.700 ng/ml
Methamphetamine	3.180	2196035	7275.0	39.2	37374.4	940989	108.502 ng/ml
Metoprolol	4.298	233943	∞	98.1	∞	338020	95.556 ng/ml
Mirtazapine	4.567	1864769	146938.5	47.8	100371.5	669435	108.103 ng/ml
Mitragynine	5.185	278858	420994.3	31.4	52076.9	12728	84.284 ng/ml
Morphine	1.186	53748	38039.4	15.7	4886.2	6542	106.188 ng/ml
Norbuprenorphine	4.978	2172	∞	101.7	167.0	12728	10.698 ng/ml
Nordiazepam	5.866	341607	∞	62.7	∞	124115	100.765 ng/ml
Norfentanyl	4.052	84172	8485.4	39.5	∞	1009072	8.779 ng/ml
Norhydrocodone	3.044	44621	∞	29.5	∞	72139	94.117 ng/ml
Noroxycodone	2.884	299187	∞	45.9	∞	102301	100.199 ng/ml
O-desmethyl-tramadol	3.348	2513790	237512.5	6.3	53055.8	1287297	99.724 ng/ml
Oxazepam	5.730	267869	36085.2	69.8	58391.3	122347	105.524 ng/ml
Oxycodone	2.802	833234	∞	29.6	∞	363134	100.614 ng/ml
Oxymorphone	1.354	324720	29939.7	44.2	∞	117146	101.384 ng/ml
Promethazine	5.517	740100	1492565.0	41.5	67769.6	385237	93.886 ng/ml
Pseudoephedrine	2.534	4992199	∞	24.2	∞	2492590	97.683 ng/ml
Quetiapine	5.493	963115	∞	63.6	6003334.9	145255	108.816 ng/ml
Sertraline	5.745	123040	∞	98.2	24720.9	47657	102.173 ng/ml
Temazepam	5.792	816238	34953.2	28.6	∞	407910	94.664 ng/ml
Tramadol	4.216	2524428	106690.5	3.6	15142.2	1282160	103.606 ng/ml
Trazodone	5.015	867986	31864.4	80.1	19076.9	377619	106.452 ng/ml
Venlafaxine	5.012	1843580	102465.9	39.0	86130.0	1256449	90.143 ng/ml
Zolpidem	4.793	2599421	506460.0	28.6	145626.6	1282185	97.697 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-F5	Comment	
Injection Volume	3		
Acq. Date-Time	12/7/2021 5:21:29 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	56934	∞	135.6	∞	66633	24.525 ng/ml
7-aminoclonazepam	4.246	523460	30624.5	74.6	108672.4	127612	255.416 ng/ml
a-hydroxyalprazolam	5.666	66152	1678.1	56.5	4335728645 8532.3	35554	219.734 ng/ml
alpha-PHP	4.894	3052502	300667.8	40.0	∞	390146	251.804 ng/ml
alpha-PVP	4.332	3954460	220290.9	53.7	697118.7	654939	251.116 ng/ml
Alprazolam	5.745	1276884	1669.3	90.7	7504.6	176904	248.871 ng/ml
Amphetamine	3.001	1672340	35831.6	243.3	99565.5	390146	217.702 ng/ml
Benzoylcegonine	3.870	62624	471302.3	54.9	3467.0	9108	241.582 ng/ml
Buprenorphine	5.628	46502	∞	16.1	447771.1	78270	23.817 ng/ml
Bupropion	4.748	3727289	∞	69.3	120448.8	684917	251.488 ng/ml
Carisoprodol	5.705	555888	2477732.9	61.5	10562.0	98562	245.840 ng/ml
Citalopram	5.202	2429939	216241.5	39.7	28719.8	410963	258.760 ng/ml
Clonazepam	5.593	403756	27424.6	33.6	∞	35554	252.080 ng/ml
Clonazolam	5.540	692245	∞	39.5	∞	127612	231.203 ng/ml
Cocaine	4.235	2562244	∞	50.5	664353.3	874010	251.632 ng/ml
Codeine	2.542	230812	10071.6	96.9	52437.1	54652	231.747 ng/ml
Cyclobenzaprine	5.601	3041166	190326.4	8.4	320583.1	393561	253.537 ng/ml
Dextromethorphan	5.240	1742736	55843.1	74.8	98626.5	351312	253.856 ng/ml
Dextrorphan	4.103	2499549	2783933.9	44.1	∞	548520	251.959 ng/ml
Diazepam	5.918	1019352	10090.2	87.8	∞	207310	248.850 ng/ml
Dihydrocodeine	2.495	829251	8992.9	61.1	3376.4	241561	231.092 ng/ml
Diphenhydramine	5.267	8357599	389231.8	30.8	86732.0	1694460	252.760 ng/ml
Doxylamine	4.489	9329670	487719.0	79.1	286950.9	1423600	252.909 ng/ml
EDDP	5.235	4350531	128997.4	42.7	321323.3	896325	251.082 ng/ml
Etizolam	5.785	736480	33600.6	22.7	29587.1	176904	244.187 ng/ml
Fentanyl	5.057	300440	∞	123.8	833146.8	602761	24.999 ng/ml
Flualprazolam	5.681	519800	∞	94.3	2315.4	176904	247.402 ng/ml
Fluoxetine	5.687	2097033	∞	7.3	110711.8	309151	253.626 ng/ml
Hydrocodone	2.987	1047008	∞	36.2	∞	248345	248.296 ng/ml
Hydromorphone	1.567	780986	∞	73.4	∞	107165	248.690 ng/ml
Ketamine	4.011	2599383	4511420.8	37.5	∞	553413	252.655 ng/ml
Lamotrigine	4.263	177154	46116.1	86.0	∞	176904	259.902 ng/ml

AM #28 Multi-Drug Quant. Results

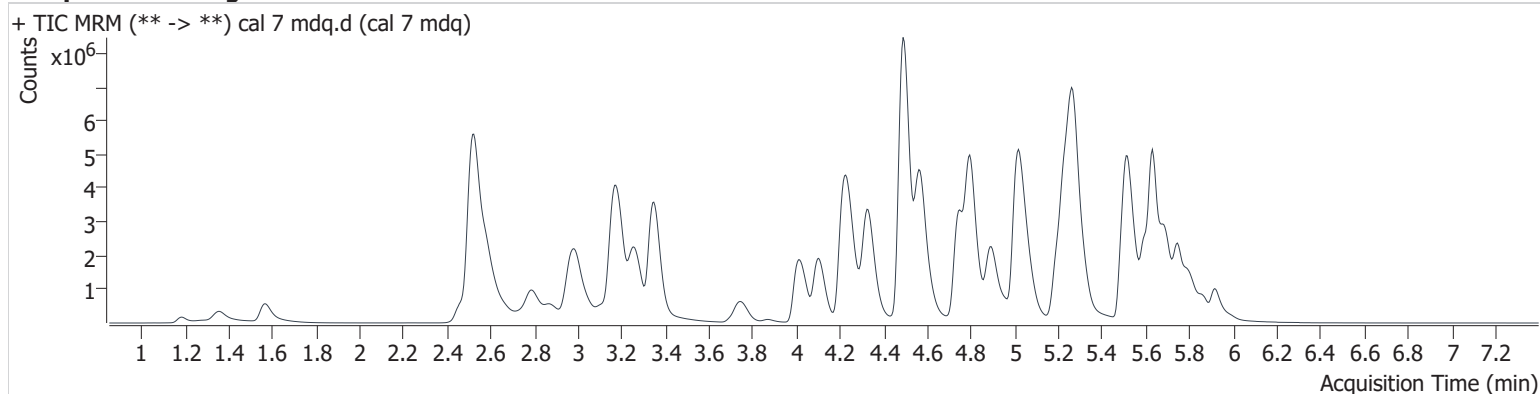
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.605	792732	116247.1	221.5	118111.0	563409	243.894 ng/ml
Lorazepam	5.718	144095	∞	47.4	1190379536 1329.7	54513	264.057 ng/ml
MDA	3.158	1727506	123395.0	27.6	18334.8	270411	226.193 ng/ml
MDMA	3.261	2487597	351076.6	92.4	49239.1	108337	251.794 ng/ml
Meprobamate	4.899	377856	11345534.3	30.0	16704.2	66624	209.807 ng/ml
Methadone	5.630	5304900	128464.9	52.5	195567.1	924554	252.584 ng/ml
Methamphetamine	3.180	4972334	75920.3	38.9	17815.6	997119	248.204 ng/ml
Metoprolol	4.298	521708	1244366.0	98.3	∞	270411	264.801 ng/ml
Mirtazapine	4.567	5722205	588839.1	47.5	647429.4	924554	241.173 ng/ml
Mitragynine	5.180	1083985	920350.6	32.4	52838.5	15286	274.048 ng/ml
Morphine	1.186	129755	4976.2	15.6	6765.6	6652	254.402 ng/ml
Norbuprenorphine	4.973	5521	∞	119.4	∞	15286	22.892 ng/ml
Nordiazepam	5.866	698611	∞	61.7	∞	100578	255.821 ng/ml
Norfentanyl	4.052	212238	17880.6	39.3	235602.6	950164	23.253 ng/ml
Norhydrocodone	3.044	127918	6829.2	30.6	∞	74170	256.843 ng/ml
Noroxycodone	2.879	693180	∞	45.6	∞	96321	247.936 ng/ml
O-desmethyl-tramadol	3.348	6367290	745771.4	6.1	256900.0	1312423	248.889 ng/ml
Oxazepam	5.725	251956	8012.8	71.3	∞	54513	224.313 ng/ml
Oxycodone	2.796	2046438	∞	29.2	∞	364190	247.943 ng/ml
Oxymorphone	1.354	777860	∞	43.7	∞	112773	253.764 ng/ml
Promethazine	5.517	4853982	758386.6	38.8	49613715.2	946003	251.372 ng/ml
Pseudoephedrine	2.534	11304351	∞	24.0	∞	2221169	249.150 ng/ml
Quetiapine	5.493	2759015	2898338.2	63.5	1809240.6	185155	246.465 ng/ml
Sertraline	5.750	733746	∞	96.4	7726419.5	116720	250.428 ng/ml
Temazepam	5.792	1442521	30436.7	28.6	22634.6	279205	244.424 ng/ml
Tramadol	4.219	5984190	503898.1	3.5	21873.1	1287775	246.295 ng/ml
Trazodone	5.020	3033838	123340.2	82.7	122420.3	602012	235.458 ng/ml
Venlafaxine	5.012	4755063	258305.0	37.2	32075.9	1207213	240.080 ng/ml
Zolpidem	4.798	6753383	394952.0	28.5	294337.2	1295732	252.377 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-G5 **Comment**
Injection Volume 3
Acq. Date-Time 12/7/2021 5:30:31 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.114	97571	∞	130.7	∞	54441	51.474 ng/ml
7-aminoclonazepam	4.251	587094	∞	71.0	18144.3	69367	527.874 ng/ml
a-hydroxyalprazolam	5.666	80733	714.0	54.7	2734.6	20092	477.037 ng/ml
alpha-PHP	4.894	5390326	∞	39.8	56804.8	315365	549.885 ng/ml
alpha-PVP	4.331	7022396	1089706.2	52.9	236033.5	563433	519.005 ng/ml
Alprazolam	5.750	1779068	17210.7	94.1	4705.6	116346	528.068 ng/ml
Amphetamine	2.975	2613310	∞	239.3	∞	315365	424.221 ng/ml
Benzoylcegonine	3.870	126003	307930.9	53.4	4278.1	8651	512.985 ng/ml
Buprenorphine	5.628	68775	338324.3	16.0	13181.5	56121	48.980 ng/ml
Bupropion	4.744	6568839	15102645.1	66.9	71772.9	600821	506.030 ng/ml
Carisoprodol	5.705	726183	2440485.6	61.8	∞	61210	517.839 ng/ml
Citalopram	5.197	3611192	35610.5	40.6	784166.5	315048	502.347 ng/ml
Clonazepam	5.593	422820	58950.7	34.4	145308.1	20092	468.516 ng/ml
Clonazepam	5.545	861091	51502.1	39.5	11760.9	69367	529.099 ng/ml
Cocaine	4.235	4165447	188679.9	50.9	503901.3	697945	513.607 ng/ml
Codeine	2.486	391585	67700.3	96.2	54144.7	42059	513.077 ng/ml
Cyclobenzaprine	5.601	4785328	∞	8.3	321503.0	313012	502.367 ng/ml
Dextromethorphan	5.235	2596691	199258.9	75.6	123012.7	266157	500.001 ng/ml
Dextrorphan	4.103	4395749	165913.4	44.1	87683.6	471510	516.159 ng/ml
Diazepam	5.918	1633551	∞	86.3	∞	165652	499.793 ng/ml
Dihydrocodeine	2.460	1452040	11244.1	61.2	7703.5	206584	474.886 ng/ml
Diphenhydramine	5.272	13444151	408443.9	30.5	872681.4	1323816	520.899 ng/ml
Doxylamine	4.489	17291741	2479115.5	80.1	366984.8	1290911	517.698 ng/ml
EDDP	5.237	7596158	∞	42.7	4082950.5	764600	514.809 ng/ml
Etizolam	5.785	1143766	11526.5	23.6	5349.0	116346	575.563 ng/ml
Fentanyl	5.057	539383	338668.9	125.8	1278202.8	497036	54.461 ng/ml
Flualprazolam	5.681	725319	2412.3	94.8	2764.6	116346	525.538 ng/ml
Fluoxetine	5.687	3090215	232117.2	7.6	538145.5	231515	499.860 ng/ml
Hydrocodone	2.982	1917549	∞	38.0	∞	222685	508.122 ng/ml
Hydromorphone	1.567	1413728	∞	75.5	∞	91055	530.444 ng/ml
Ketamine	4.011	4531969	769352.2	37.7	∞	486654	502.098 ng/ml
Lamotrigine	4.263	243680	9662.3	88.3	334180.6	116346	544.461 ng/ml
Levetiracetam	2.589	1378335	77109.2	220.0	53871.0	491917	486.849 ng/ml

AM #28 Multi-Drug Quant. Results

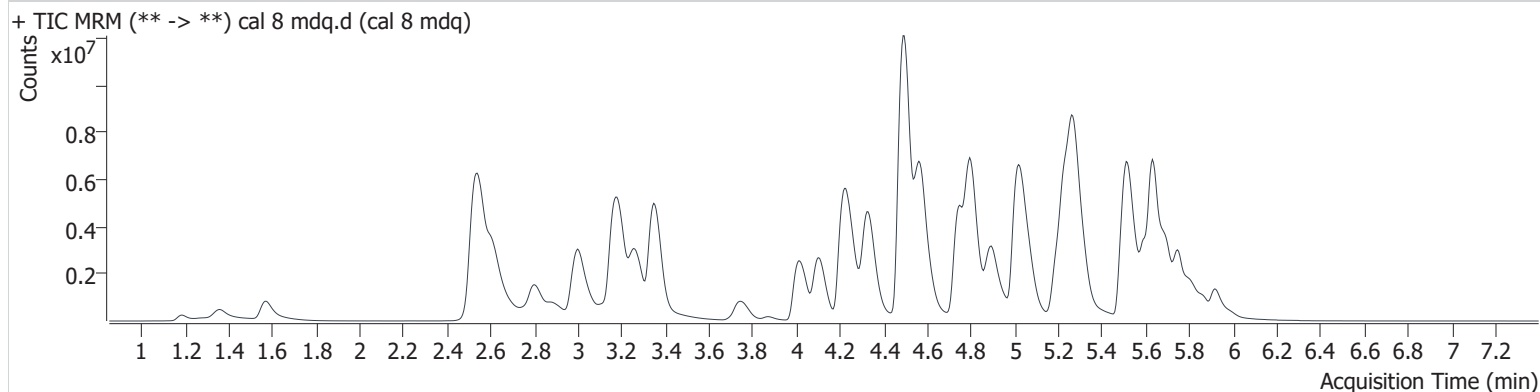
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.723	154624	∞	48.9	2448.7	23939	646.612 ng/ml
MDA	3.153	2229259	∞	27.5	7516.1	185858	426.356 ng/ml
MDMA	3.261	3997991	658466.5	90.8	148870.5	87254	503.400 ng/ml
Meprobamate	4.905	495616	440545.0	28.8	368039.6	50029	367.912 ng/ml
Methadone	5.630	9540397	175418.6	50.3	128502.6	786519	534.461 ng/ml
Methamphetamine	3.175	8128628	33126.9	39.0	67052.5	939905	441.023 ng/ml
Metoprolol	4.298	767623	6789100.8	97.2	∞	185858	565.864 ng/ml
Mirtazapine	4.567	10035300	409544.8	47.1	769777.4	786519	498.041 ng/ml
Mitragynine	5.180	1756412	521995.0	34.1	897393.3	13660	497.362 ng/ml
Morphine	1.186	226598	1991.4	16.1	1094.3	5895	502.977 ng/ml
Norbuprenorphine	4.973	11008	∞	100.7	1482.0	13660	51.348 ng/ml
Nordiazepam	5.866	951278	98770.9	54.8	∞	70481	498.037 ng/ml
Norfentanyl	4.058	359774	43187.0	39.5	2686421.1	760775	49.060 ng/ml
Norhydrocodone	3.039	236579	12551.9	32.8	∞	65175	537.133 ng/ml
Noroxycodone	2.874	1189059	∞	44.8	∞	79646	515.357 ng/ml
O-desmethyl-tramadol	3.348	11387362	∞	6.0	189024.9	1145146	510.935 ng/ml
Oxazepam	5.725	232535	3171.2	69.6	1945.6	23939	472.956 ng/ml
Oxycodone	2.786	3740595	∞	29.2	∞	330581	500.364 ng/ml
Oxymorphone	1.354	1345652	∞	43.7	233107.7	98476	503.708 ng/ml
Promethazine	5.517	8744096	460844.4	37.8	299998.1	810227	529.122 ng/ml
Pseudoephedrine	2.526	19216805	∞	23.5	∞	1823048	516.680 ng/ml
Quetiapine	5.487	4633990	684083.2	63.4	∞	156337	491.783 ng/ml
Sertraline	5.750	1127126	∞	99.3	∞	91123	493.861 ng/ml
Temazepam	5.798	1816466	26018.6	28.5	9492.5	165873	518.082 ng/ml
Tramadol	4.216	10221690	220537.8	3.4	15369.8	1127953	481.545 ng/ml
Trazodone	5.020	4830444	96854.7	82.1	116067.9	531481	426.038 ng/ml
Venlafaxine	5.012	8524989	548850.8	37.1	58448.1	1009508	513.421 ng/ml
Zolpidem	4.798	12061174	577987.0	28.2	555382.3	1125231	519.843 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Calibration Last Update 12/8/2021 10:36:34 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-H5	Comment	
Injection Volume	3		
Acq. Date-Time	12/7/2021 5:48:30 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	149724	493807.6	132.4	24480.5	42616	100.932 ng/ml
7-aminoclonazepam	4.256	488344	17300.4	76.5	13237.1	33284	915.696 ng/ml
a-hydroxyalprazolam	5.666	92551	6442.3	52.2	560.8	9656	1140.903 ng/ml
alpha-PHP	4.894	8253515	1434587.9	38.8	1220378.5	262797	1010.245 ng/ml
alpha-PVP	4.331	10633795	910785.0	52.9	295716.7	436197	1015.740 ng/ml
Alprazolam	5.750	2351307	7105.7	95.2	2195.4	83400	974.255 ng/ml
Amphetamine	3.006	3116442	1051313.2	236.8	306482.3	262797	608.641 ng/ml
Benzoylcegonine	3.870	234750	∞	53.6	9073.0	7929	1043.801 ng/ml
Buprenorphine	5.633	82462	71781.5	15.5	27400.1	32134	102.414 ng/ml
Bupropion	4.746	9985913	∞	65.6	1279122444	480363	962.866 ng/ml
					0100500.0		
Carisoprodol	5.705	889544	1836747.7	60.1	15181.9	38399	1011.777 ng/ml
Citalopram	5.197	4557040	85178.8	40.5	21119.4	199191	1003.401 ng/ml
Clonazepam	5.588	381888	1043141.4	34.4	492509.4	9656	881.928 ng/ml
Clonazolam	5.550	934481	∞	38.6	13417.4	33284	1196.691 ng/ml
Cocaine	4.239	5975896	746028.6	49.7	109822.3	508392	1012.817 ng/ml
Codeine	2.552	471753	1791938283	95.2	∞	30230	861.227 ng/ml
			239310.0				
Cyclobenzaprine	5.595	6529217	334230.7	8.2	2435697.4	215655	995.647 ng/ml
Dextromethorphan	5.235	3436212	263246.3	74.4	46500.7	176721	997.264 ng/ml
Dextropropion	4.103	6785507	868877.5	44.0	677355.5	367547	1022.786 ng/ml
Diazepam	5.918	2514965	∞	86.7	10550.6	128195	994.997 ng/ml
Dihydrocodeine	2.500	1840305	13586.1	61.2	9372.8	189223	657.720 ng/ml
Diphenhydramine	5.272	18673042	471700.5	29.9	148406.9	917062	1044.838 ng/ml
Doxylamine	4.494	26984606	324718.1	83.4	785801.7	1073292	972.348 ng/ml
EDDP	5.235	12116591	326671.8	41.4	∞	603123	1041.889 ng/ml
Etizolam	5.785	1698295	11315.2	23.6	22104.1	83400	1191.384 ng/ml
Fentanyl	5.057	850358	52364.7	128.2	∞	377025	113.220 ng/ml
Flualprazolam	5.681	914825	8707.8	92.3	4991.2	83400	925.121 ng/ml
Fluoxetine	5.687	3740241	703367.6	7.5	175453.0	141501	990.664 ng/ml
Hydrocodone	2.987	2901031	∞	39.5	6146.2	185634	922.932 ng/ml
Hydromorphone	1.572	2294820	∞	75.0	∞	80032	980.104 ng/ml
Ketamine	4.011	6821479	281083.5	37.6	207938.6	386979	951.478 ng/ml
Lamotrigine	4.268	269301	∞	91.4	11658.8	83400	839.833 ng/ml

AM #28 Multi-Drug Quant. Results

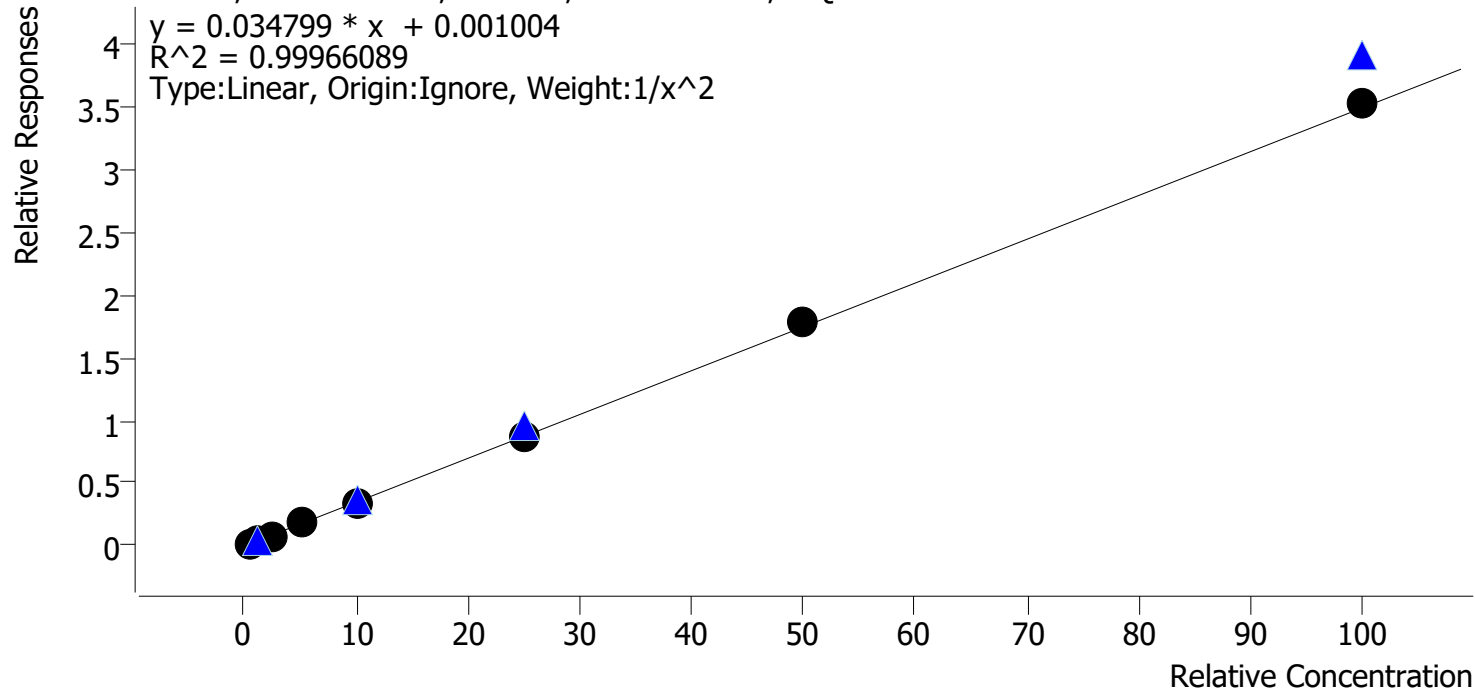
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.615	2263224	93186.7	220.7	959558.9	423691	929.190 ng/ml
Lorazepam	5.723	176834	∞	49.6	2192.2	10663	1661.673 ng/ml
MDA	3.148	2498071	136639.1	27.5	19282.2	127028	700.254 ng/ml
MDMA	3.261	5728111	245649.5	90.5	271987.3	64627	974.649 ng/ml
Meprobamate	4.915	546263	1037106.1	29.3	3965.0	33631	604.472 ng/ml
Methadone	5.630	14648061	763374.1	50.0	593052.8	608662	1060.816 ng/ml
Methamphetamine	3.180	11562005	100141.0	37.9	53148.2	827143	721.690 ng/ml
Metoprolol	4.293	938495	1355111.7	99.3	∞	127028	1011.529 ng/ml
Mirtazapine	4.571	15549758	1913793.9	46.0	∞	608662	998.029 ng/ml
Mitragynine	5.180	2693193	53648.7	34.3	986776.1	10524	990.387 ng/ml
Morphine	1.186	366667	5494.9	15.2	439.8	4871	986.567 ng/ml
Norbuprenorphine	4.973	16537	∞	98.2	∞	10524	100.332 ng/ml
Nordiazepam	5.866	1017381	∞	62.9	94083.5	38174	984.409 ng/ml
Norfentanyl	4.058	530800	51591.9	39.6	301181.3	525993	104.517 ng/ml
Norhydrocodone	3.049	336067	22933.7	34.2	13941.5	45169	1097.687 ng/ml
Noroxycodone	2.884	1686644	∞	45.2	∞	60390	964.933 ng/ml
O-desmethyl-tramadol	3.348	17754981	1231159.1	5.9	2176374.2	906130	1007.516 ng/ml
Oxazepam	5.725	217557	6070.5	71.3	3364.2	10663	994.936 ng/ml
Oxycodone	2.801	5854088	∞	29.1	∞	270623	957.550 ng/ml
Oxymorphone	1.359	2062804	∞	44.0	∞	81017	939.416 ng/ml
Promethazine	5.522	13494962	1041291.2	36.4	1090829.1	612951	1079.814 ng/ml
Pseudoephedrine	2.539	25541438	∞	23.5	∞	1198962	1044.802 ng/ml
Quetiapine	5.487	6652919	14291643.0	62.2	∞	124971	884.477 ng/ml
Sertraline	5.750	1426703	∞	100.1	∞	59828	953.179 ng/ml
Temazepam	5.803	1995753	105923.6	28.5	20522.7	94992	993.963 ng/ml
Tramadol	4.211	14876976	443884.9	3.3	362747.3	819376	966.101 ng/ml
Trazodone	5.025	6611917	32742770.0	80.0	294720.5	434438	714.595 ng/ml
Venlafaxine	5.012	13132600	497327.0	35.9	92344.9	788897	1010.993 ng/ml
Zolpidem	4.798	18764216	∞	28.0	334504.0	915316	994.926 ng/ml

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 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



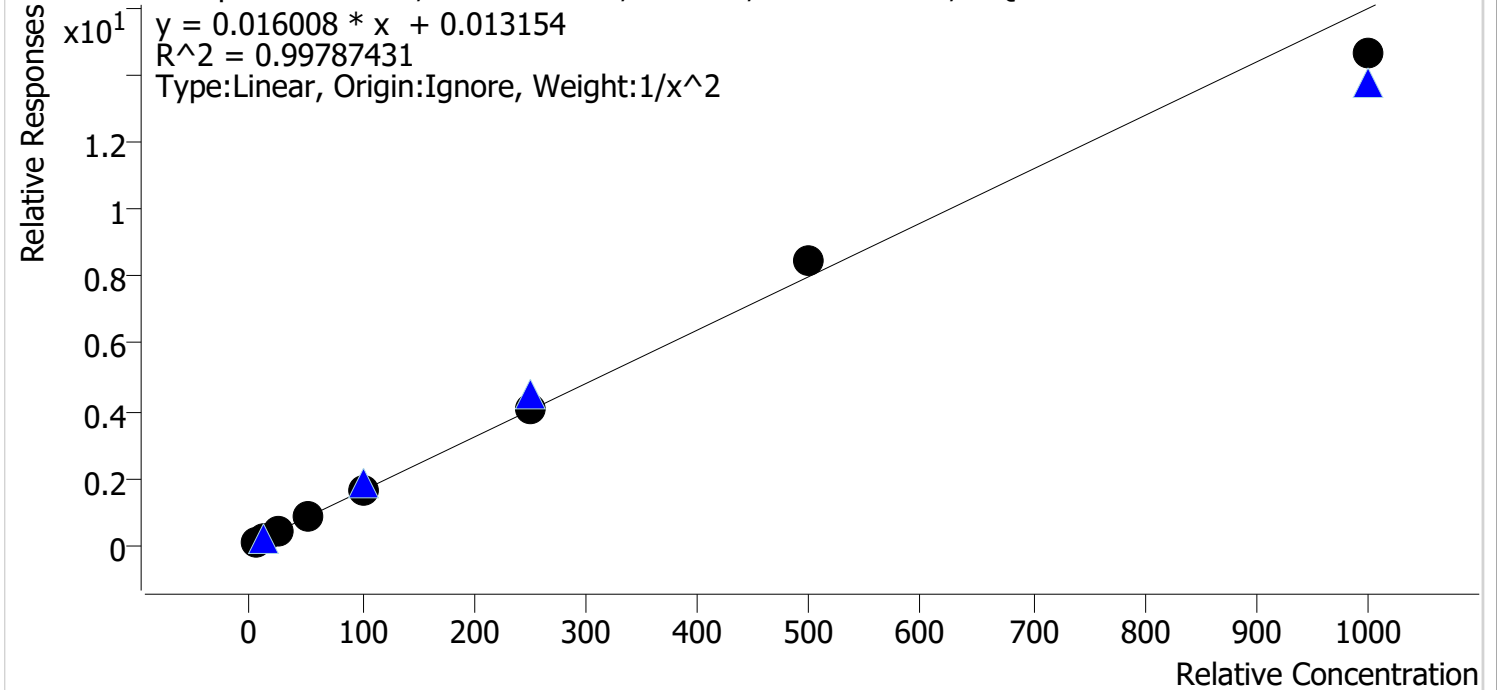
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.5
cal 2 mdq	2	✓	1.0	1.0	99.7
cal 3 mdq	3	✓	2.5	2.5	98.1
cal 4 mdq	4	✓	5.0	5.0	100.4
cal 5 mdq	5	✓	10.0	9.9	99.3
cal 6 mdq	6	✓	25.0	24.5	98.1
cal 7 mdq	7	✓	50.0	51.5	102.9
cal 8 mdq	8	✓	100.0	100.9	100.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 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



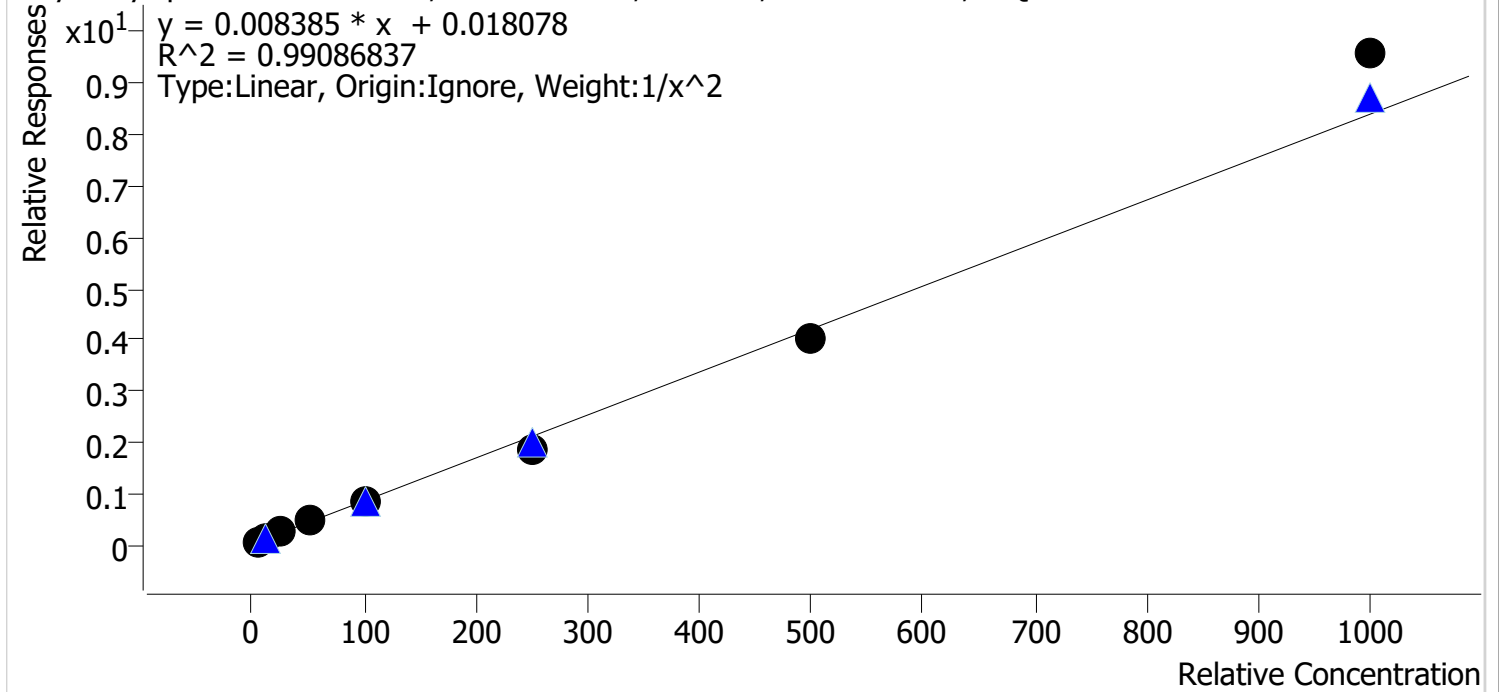
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	25.5	102.1
cal 4 mdq	4	✓	50.0	50.1	100.1
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	255.4	102.2
cal 7 mdq	7	✓	500.0	527.9	105.6
cal 8 mdq	8	✓	1000.0	915.7	91.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Clonazepam-D4

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	5.1	101.7
cal 2 mdq	2	✓	10.0	9.4	93.9
cal 3 mdq	3	✓	25.0	26.6	106.5
cal 4 mdq	4	✓	50.0	52.3	104.5
cal 5 mdq	5	✓	100.0	96.0	96.0
cal 6 mdq	6	✓	250.0	219.7	87.9
cal 7 mdq	7	✓	500.0	477.0	95.4
cal 8 mdq	8	✓	1000.0	1140.9	114.1

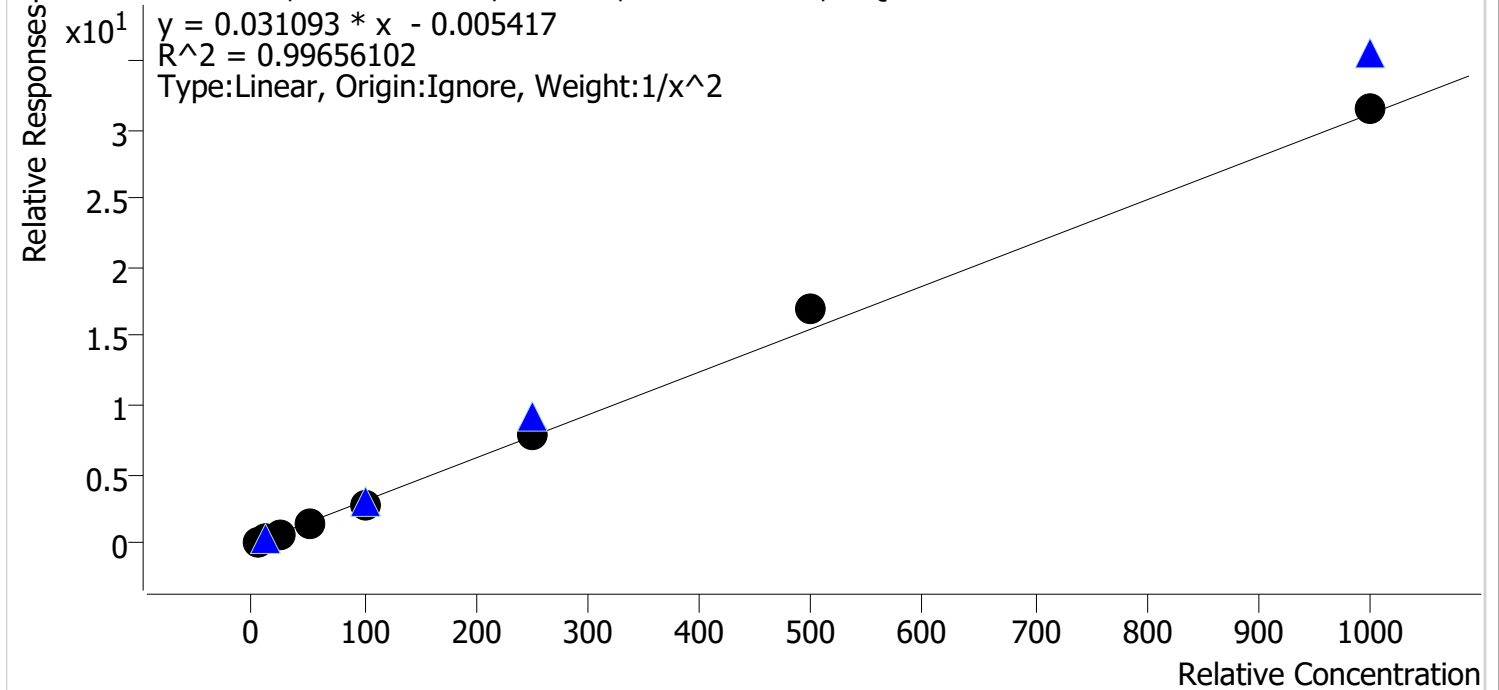
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 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

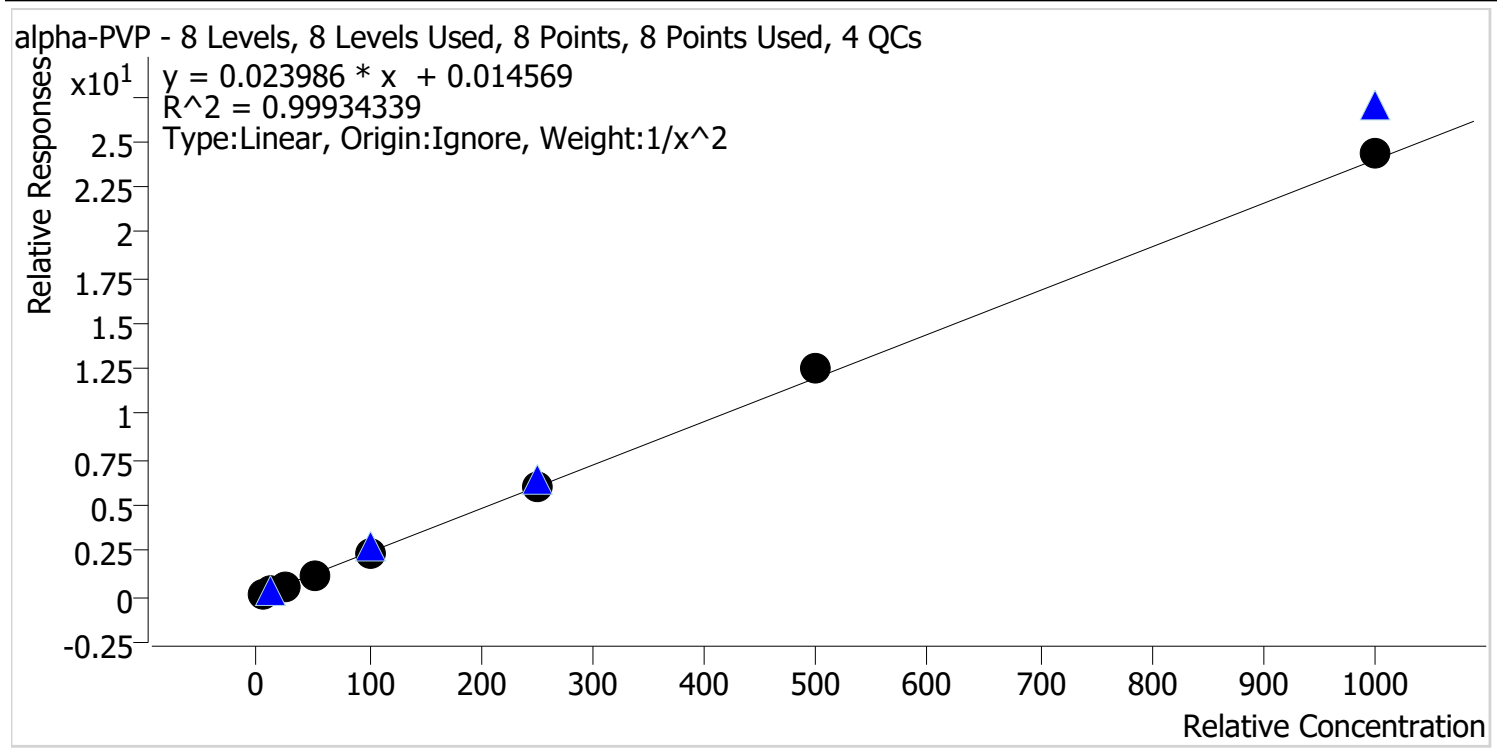


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.2
cal 2 mdq	2	✓	10.0	9.5	95.2
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	49.3	98.5
cal 5 mdq	5	✓	100.0	93.7	93.7
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	549.9	110.0
cal 8 mdq	8	✓	1000.0	1010.2	101.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

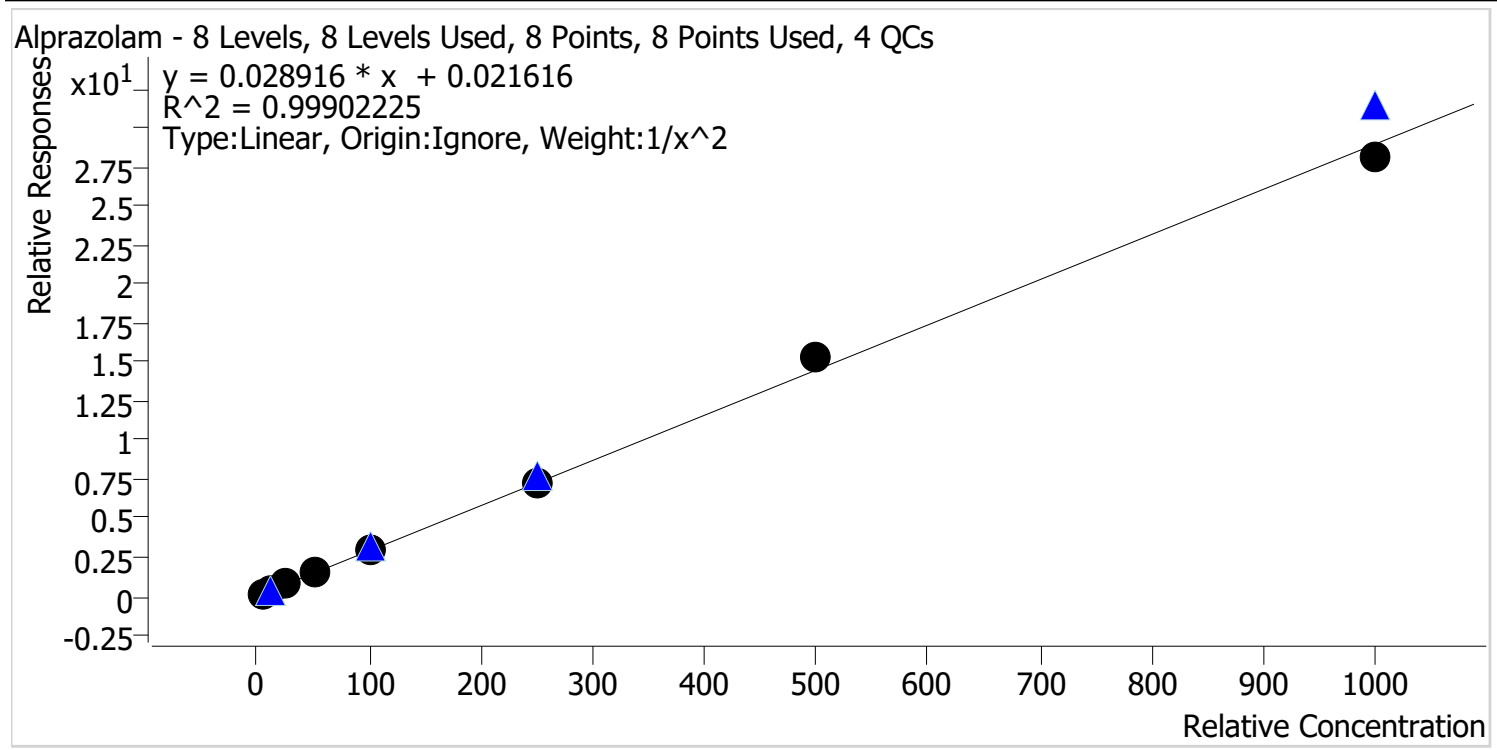


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	251.1	100.4
cal 7 mdq	7	✓	500.0	519.0	103.8
cal 8 mdq	8	✓	1000.0	1015.7	101.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

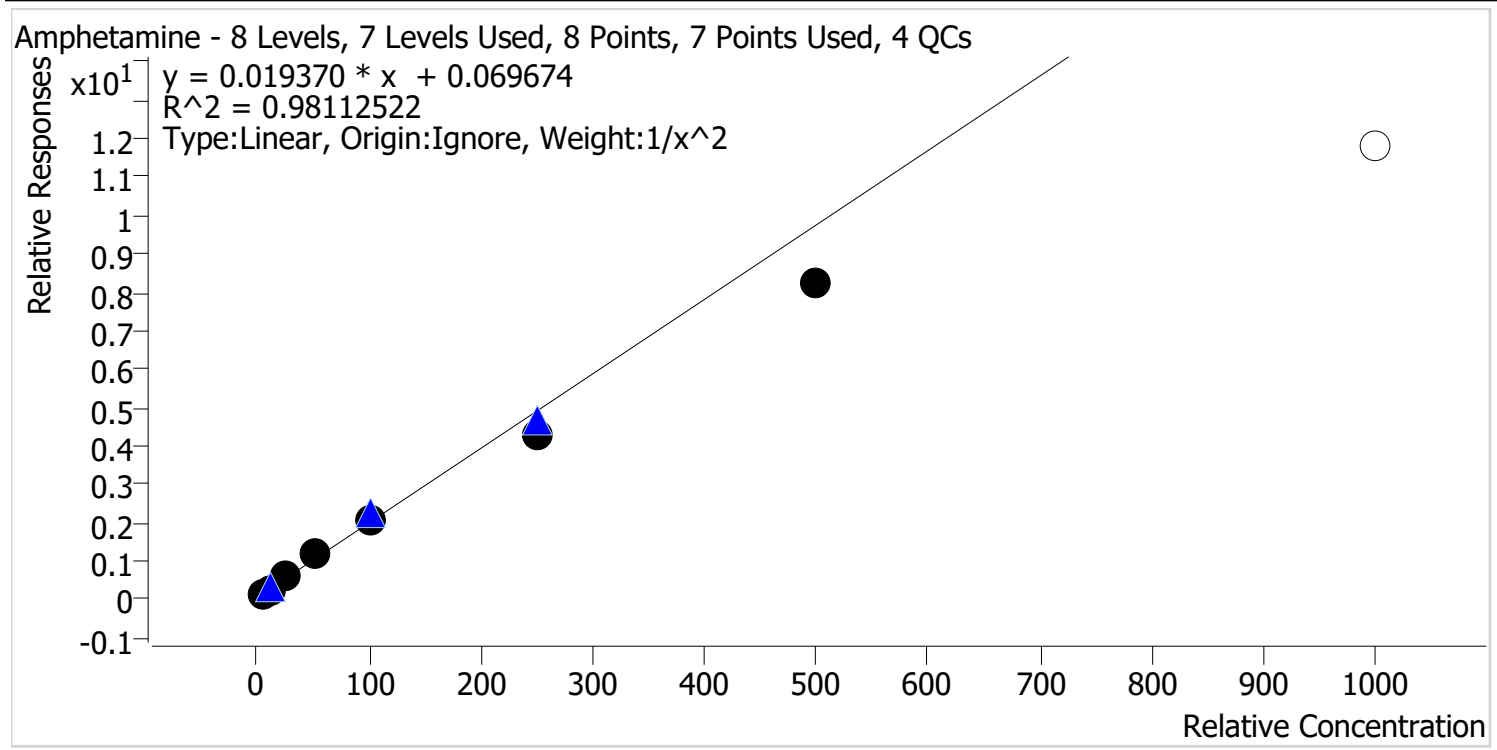


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	24.2	97.0
cal 4 mdq	4	✓	50.0	50.0	100.1
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	248.9	99.5
cal 7 mdq	7	✓	500.0	528.1	105.6
cal 8 mdq	8	✓	1000.0	974.3	97.4

Compound Calibration Report



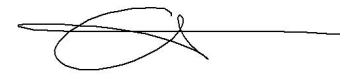
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	92.9
cal 2 mdq	2	✓	10.0	10.7	107.1
cal 3 mdq	3	✓	25.0	28.2	112.9
cal 4 mdq	4	✓	50.0	56.2	112.5
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	217.7	87.1
cal 7 mdq	7	✓	500.0	424.2	84.8
cal 8 mdq	8	x	1000.0	608.6	60.9

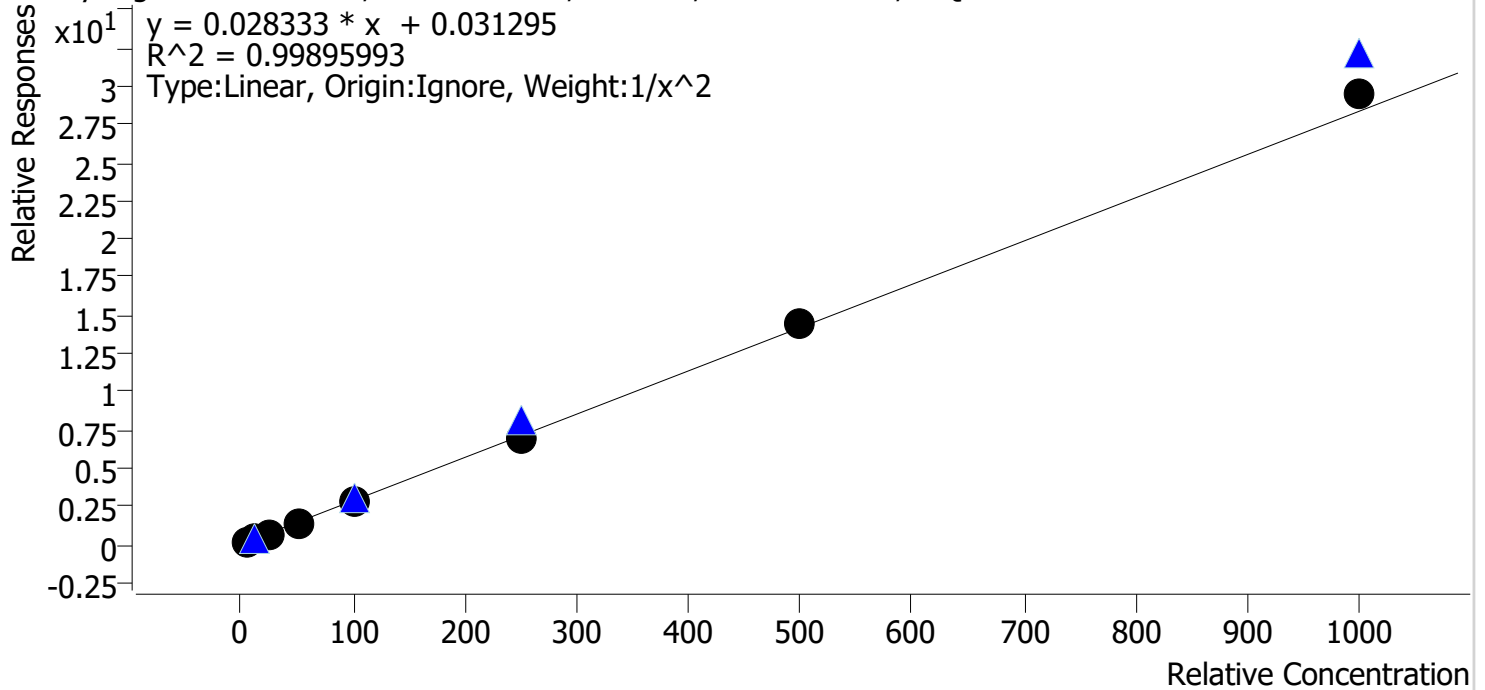
dropped cal 8 accuracy

Compound Calibration Report



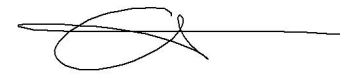
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



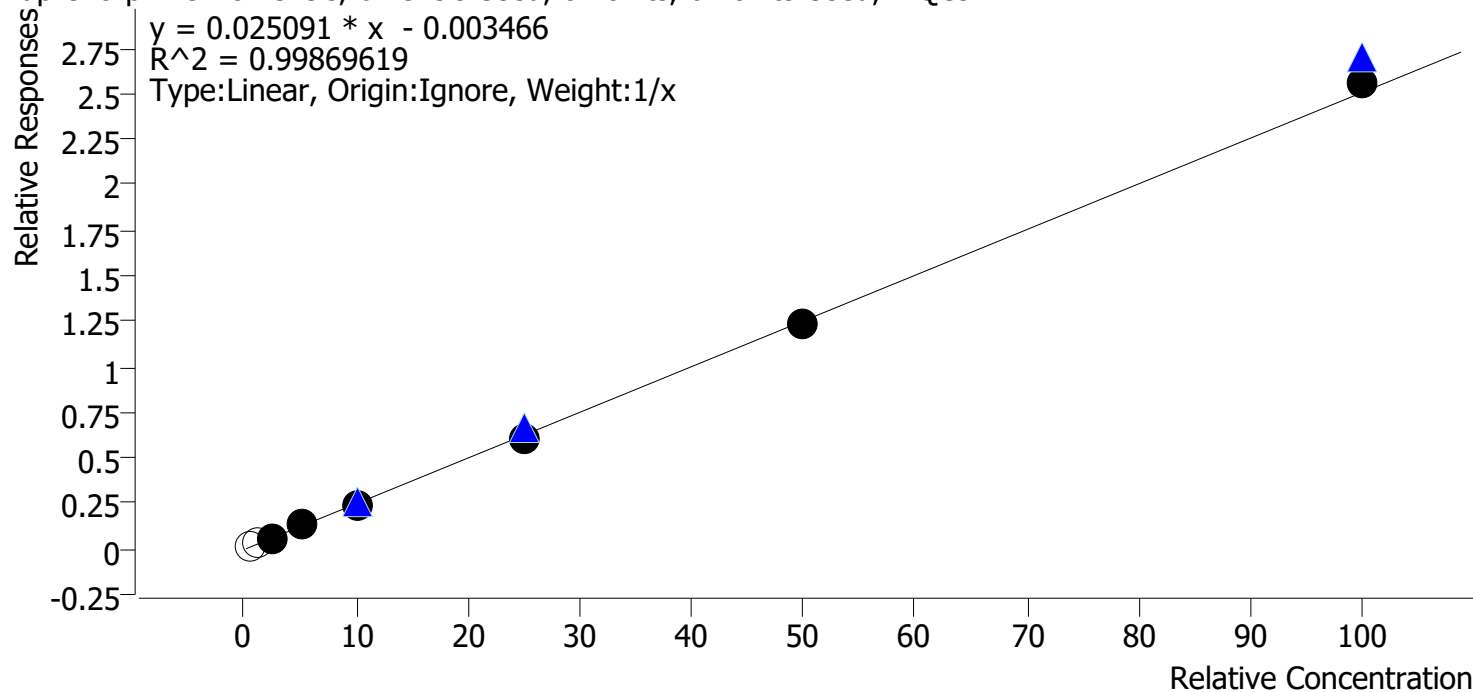
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	241.6	96.6
cal 7 mdq	7	✓	500.0	513.0	102.6
cal 8 mdq	8	✓	1000.0	1043.8	104.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.8	162.7
cal 2 mdq	2	x	1.0	1.1	113.3
cal 3 mdq	3	✓	2.5	2.6	105.2
cal 4 mdq	4	✓	5.0	5.3	105.1
cal 5 mdq	5	✓	10.0	9.4	94.0
cal 6 mdq	6	✓	25.0	23.8	95.3
cal 7 mdq	7	✓	50.0	49.0	98.0
cal 8 mdq	8	✓	100.0	102.4	102.4

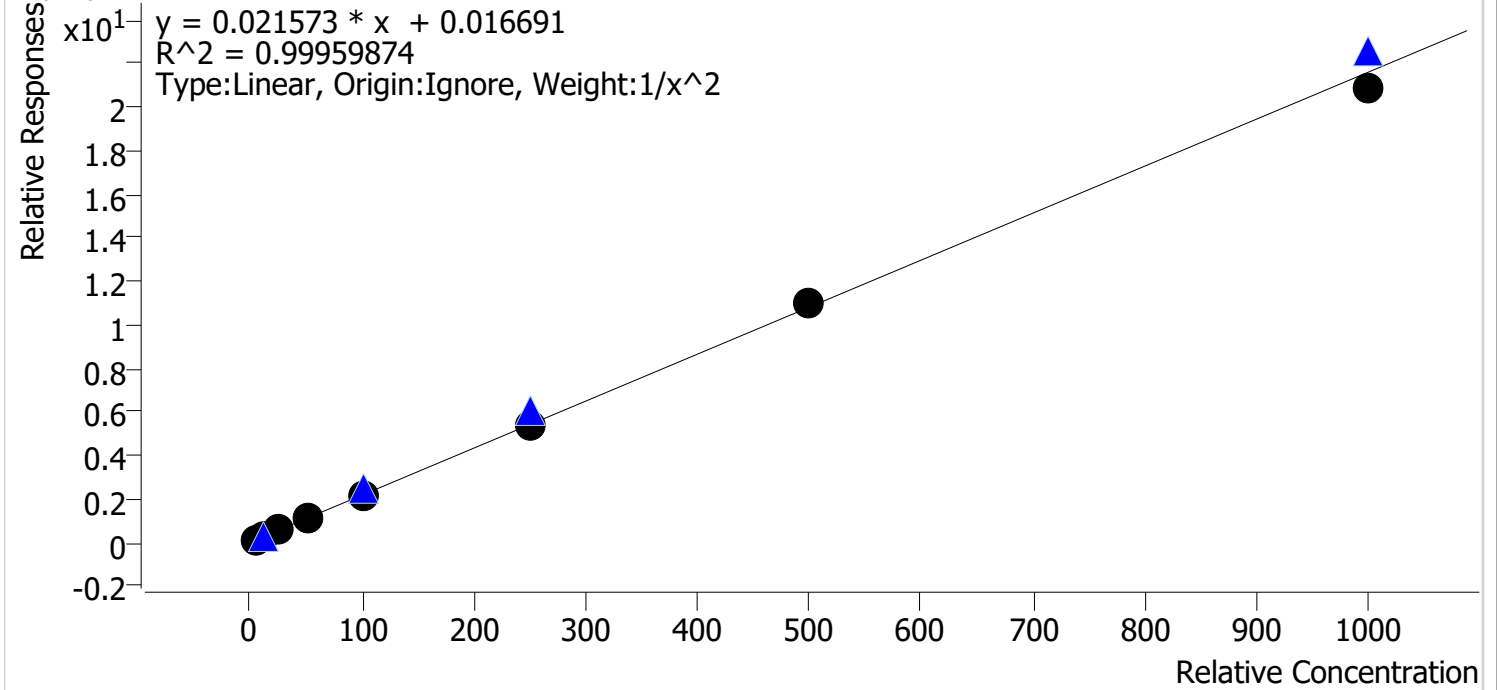
dropped cal 1 and 2 poor response ratios out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	50.1	100.3
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	506.0	101.2
cal 8 mdq	8	✓	1000.0	962.9	96.3

Compound Calibration Report

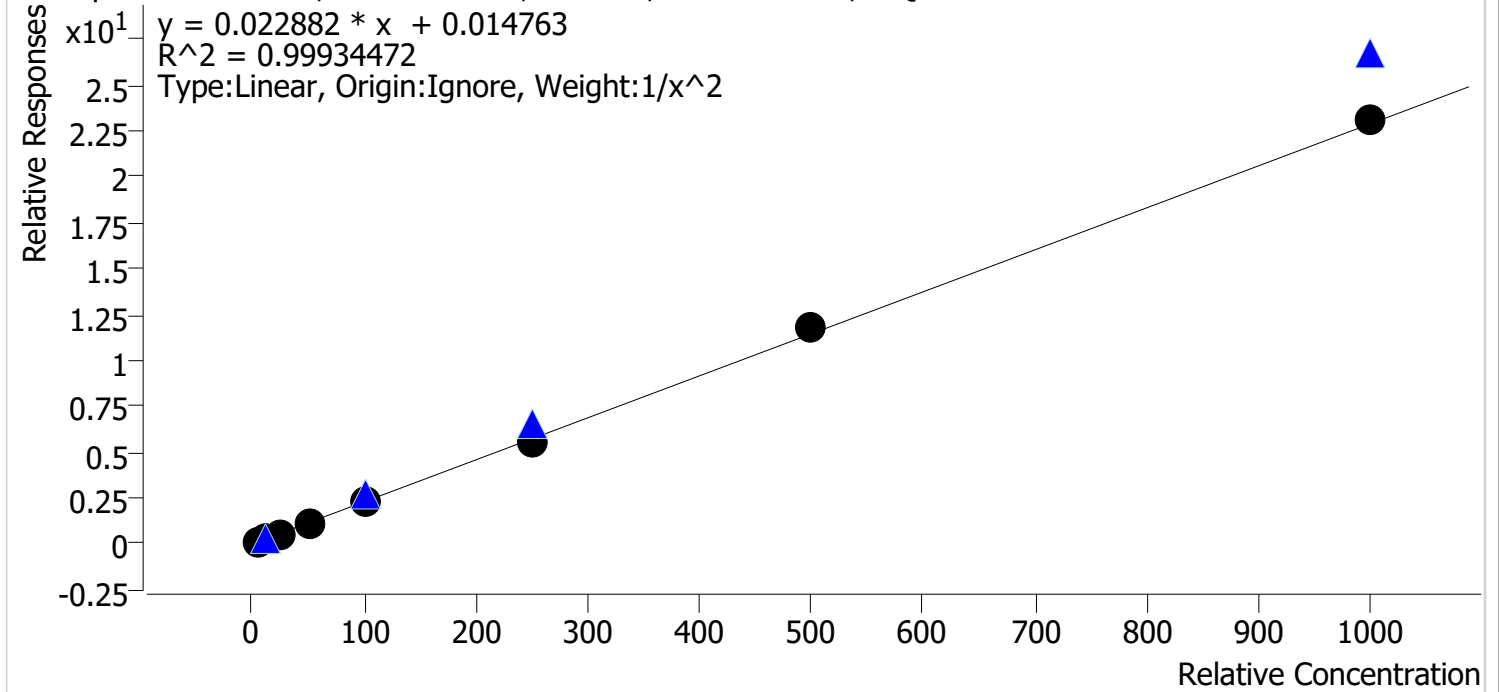


Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

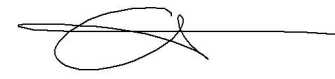
Carisoprodol-D7

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



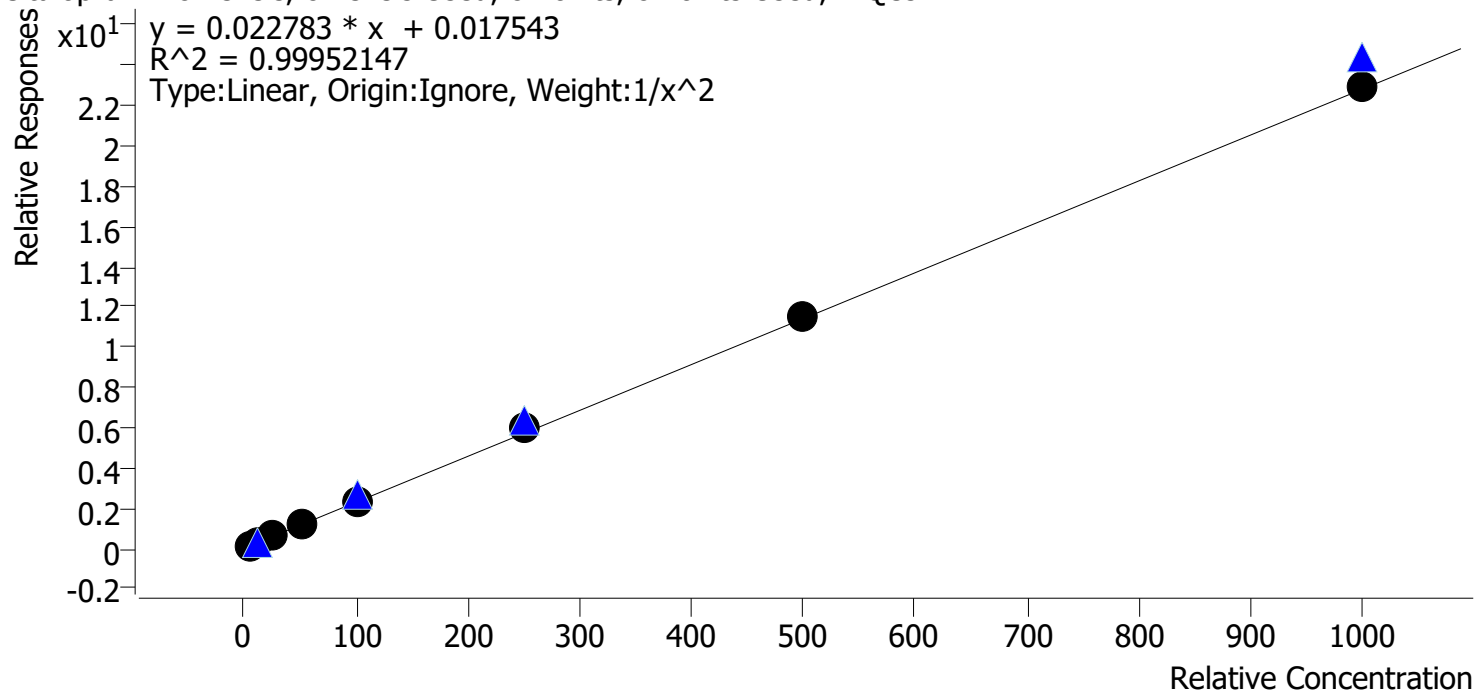
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	49.1	98.3
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	245.8	98.3
cal 7 mdq	7	✓	500.0	517.8	103.6
cal 8 mdq	8	✓	1000.0	1011.8	101.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	25.0	99.8
cal 4 mdq	4	✓	50.0	48.9	97.9
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	258.8	103.5
cal 7 mdq	7	✓	500.0	502.3	100.5
cal 8 mdq	8	✓	1000.0	1003.4	100.3

Compound Calibration Report

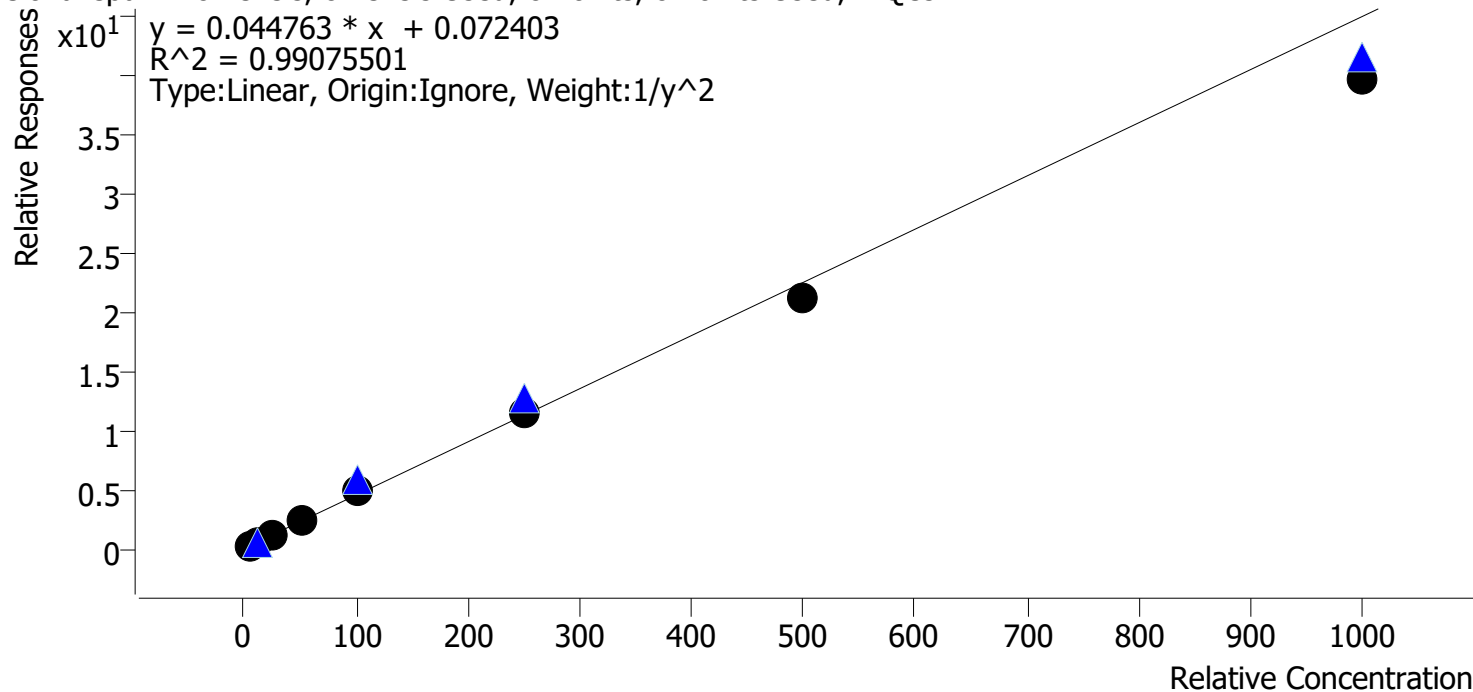


Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

Clonazepam-D4

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



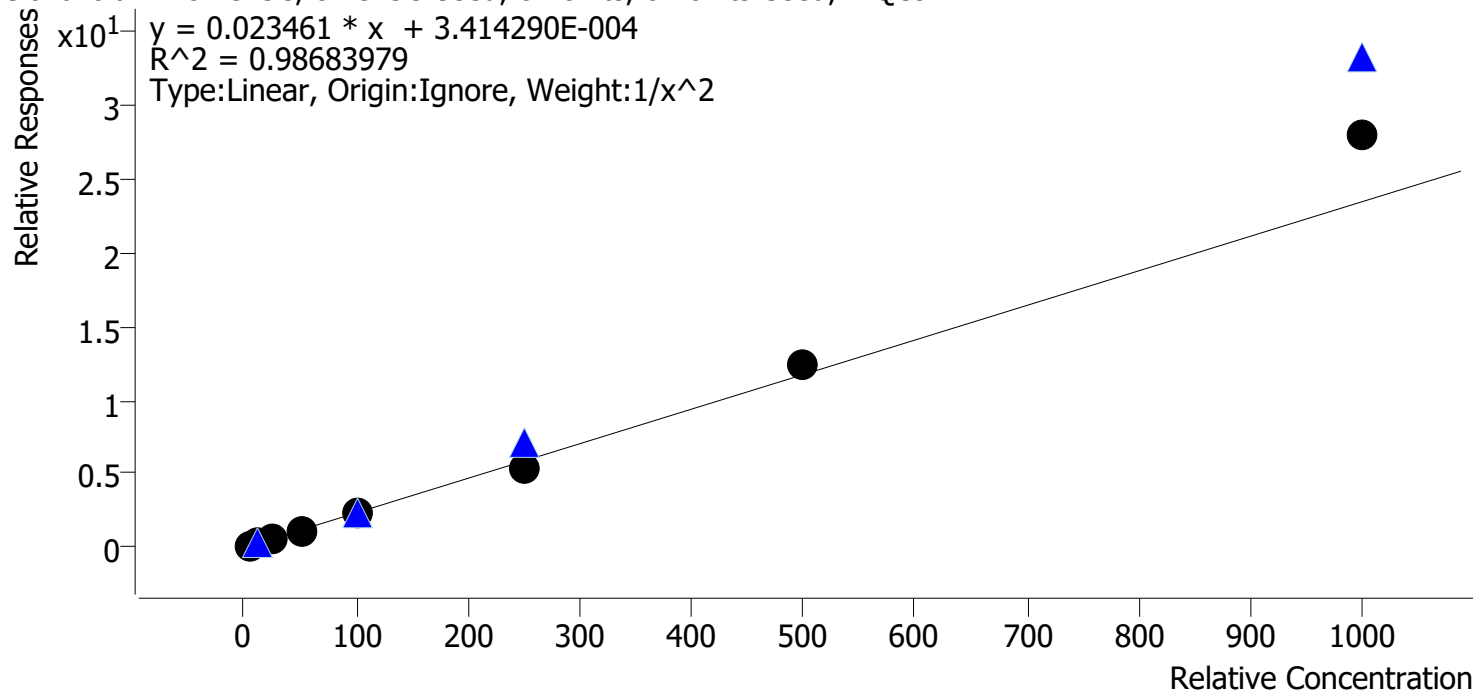
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.2
cal 2 mdq	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	26.9	107.6
cal 4 mdq	4	✓	50.0	55.4	110.9
cal 5 mdq	5	✓	100.0	110.2	110.2
cal 6 mdq	6	✓	250.0	252.1	100.8
cal 7 mdq	7	✓	500.0	468.5	93.7
cal 8 mdq	8	✓	1000.0	881.9	88.2

Compound Calibration Report



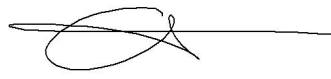
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** 7-Aminoclonazepam-D4

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



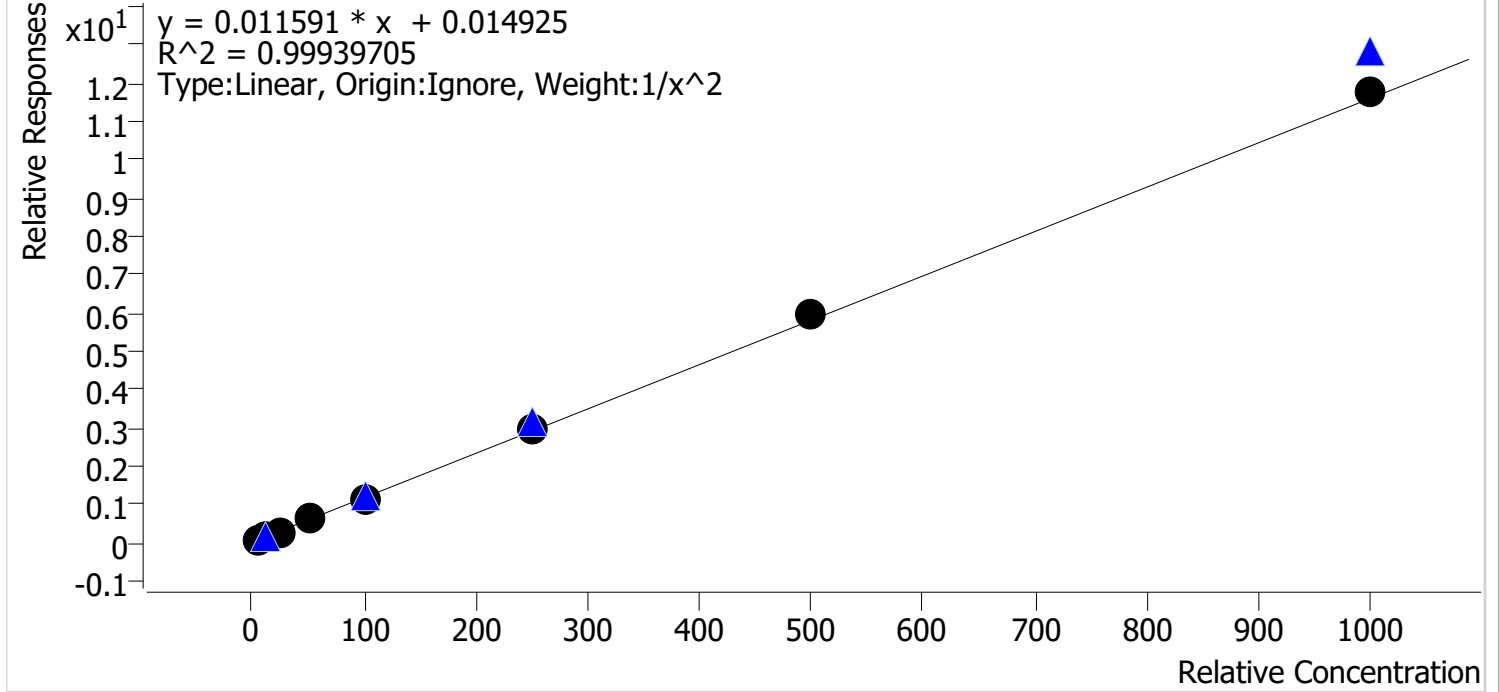
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.3	103.5
cal 3 mdq	3	✓	25.0	23.6	94.5
cal 4 mdq	4	✓	50.0	43.5	87.0
cal 5 mdq	5	✓	100.0	96.2	96.2
cal 6 mdq	6	✓	250.0	231.2	92.5
cal 7 mdq	7	✓	500.0	529.1	105.8
cal 8 mdq	8	✓	1000.0	1196.7	119.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



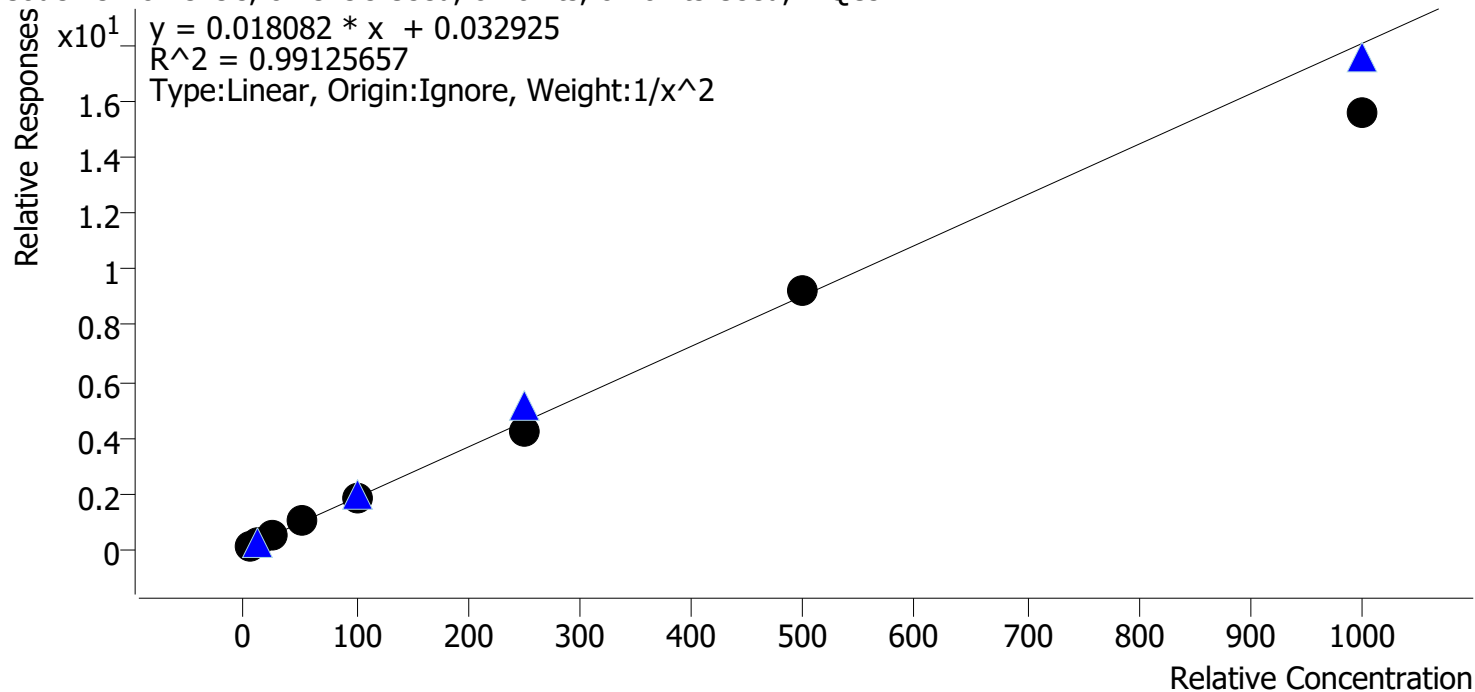
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.7	96.9
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	50.2	100.3
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	251.6	100.7
cal 7 mdq	7	✓	500.0	513.6	102.7
cal 8 mdq	8	✓	1000.0	1012.8	101.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



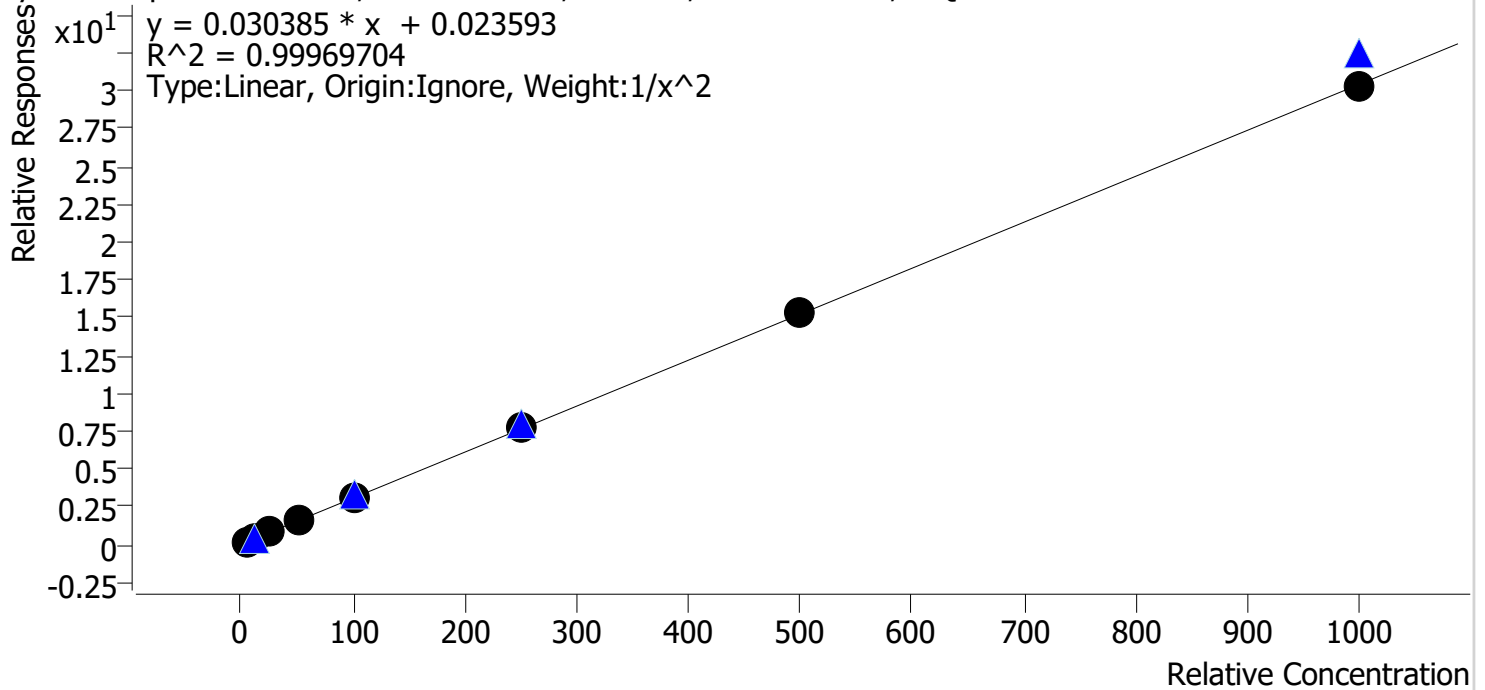
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.9
cal 2 mdq	2	✓	10.0	10.8	107.6
cal 3 mdq	3	✓	25.0	27.2	108.9
cal 4 mdq	4	✓	50.0	52.9	105.7
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	231.7	92.7
cal 7 mdq	7	✓	500.0	513.1	102.6
cal 8 mdq	8	✓	1000.0	861.2	86.1

Compound Calibration Report



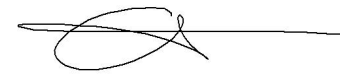
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



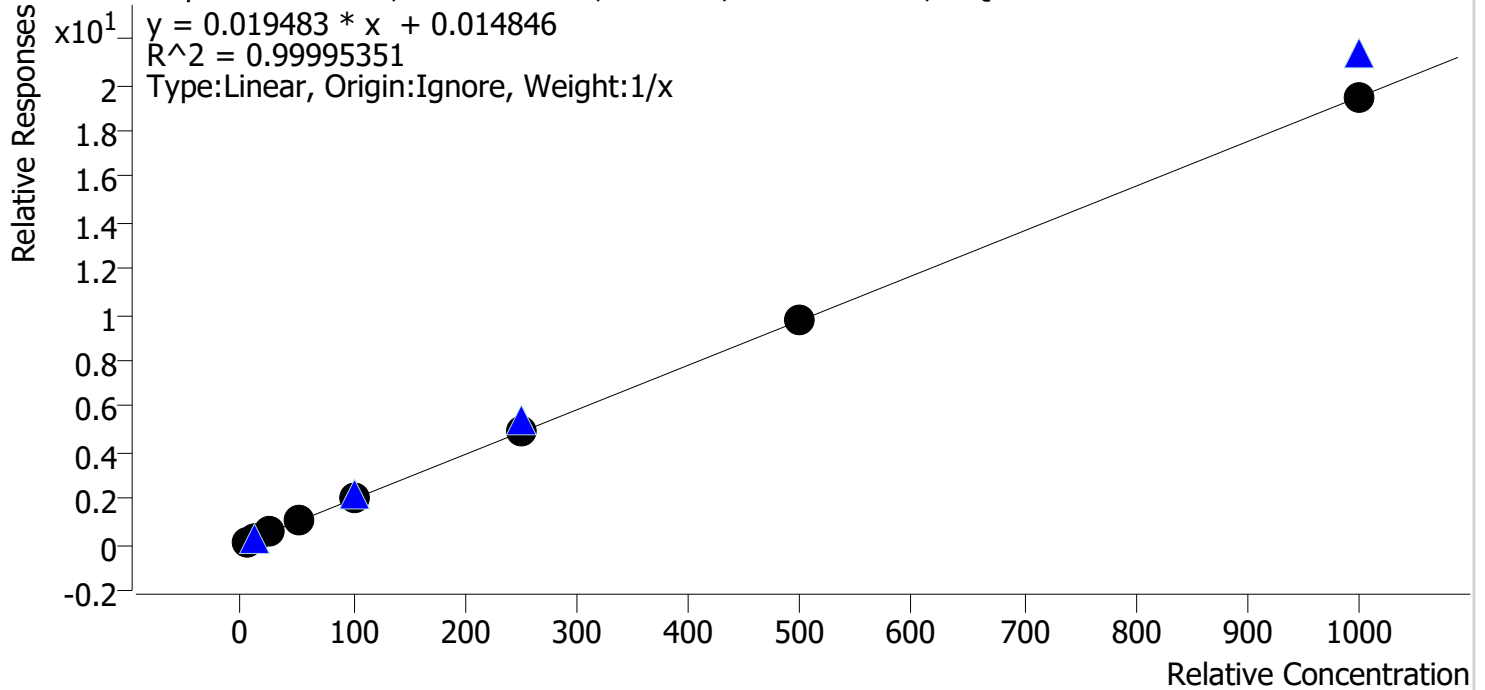
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdq	2	✓	10.0	10.3	102.5
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	253.5	101.4
cal 7 mdq	7	✓	500.0	502.4	100.5
cal 8 mdq	8	✓	1000.0	995.6	99.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



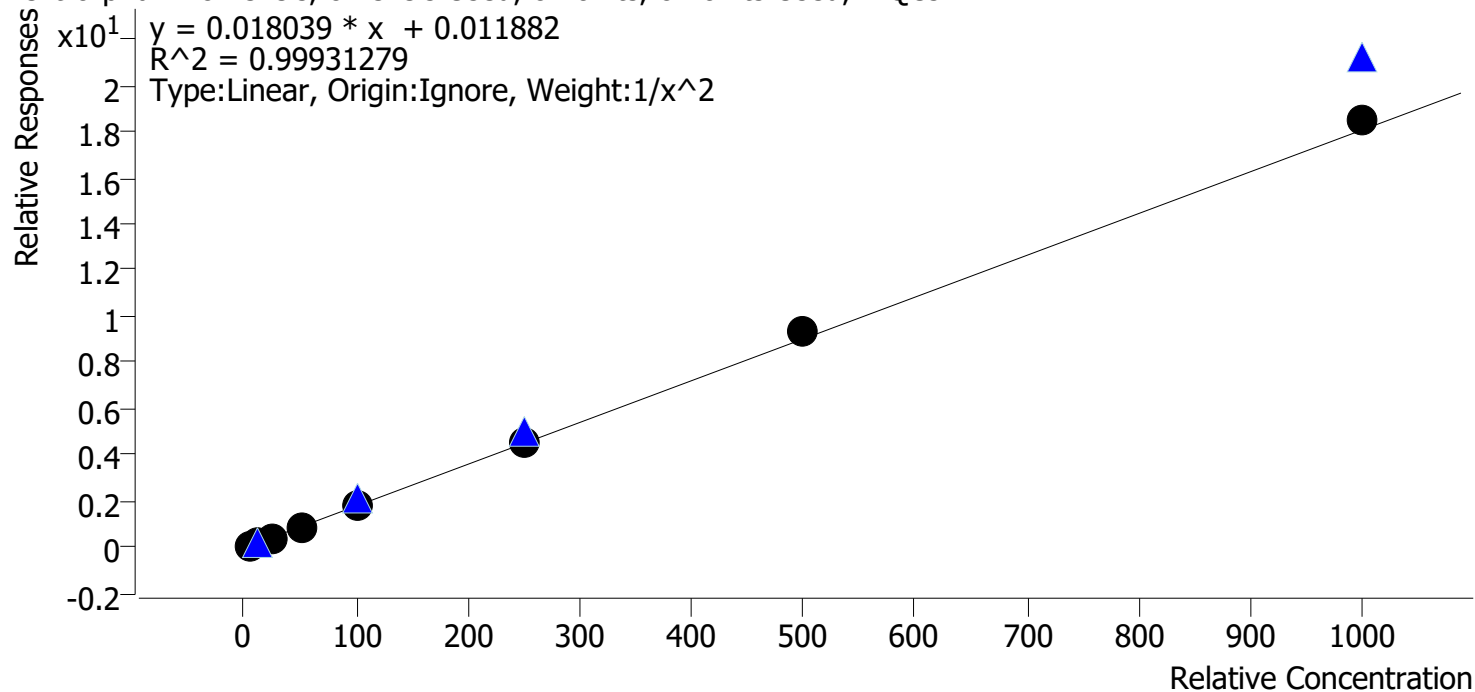
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	49.7	99.5
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	253.9	101.5
cal 7 mdq	7	✓	500.0	500.0	100.0
cal 8 mdq	8	✓	1000.0	997.3	99.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



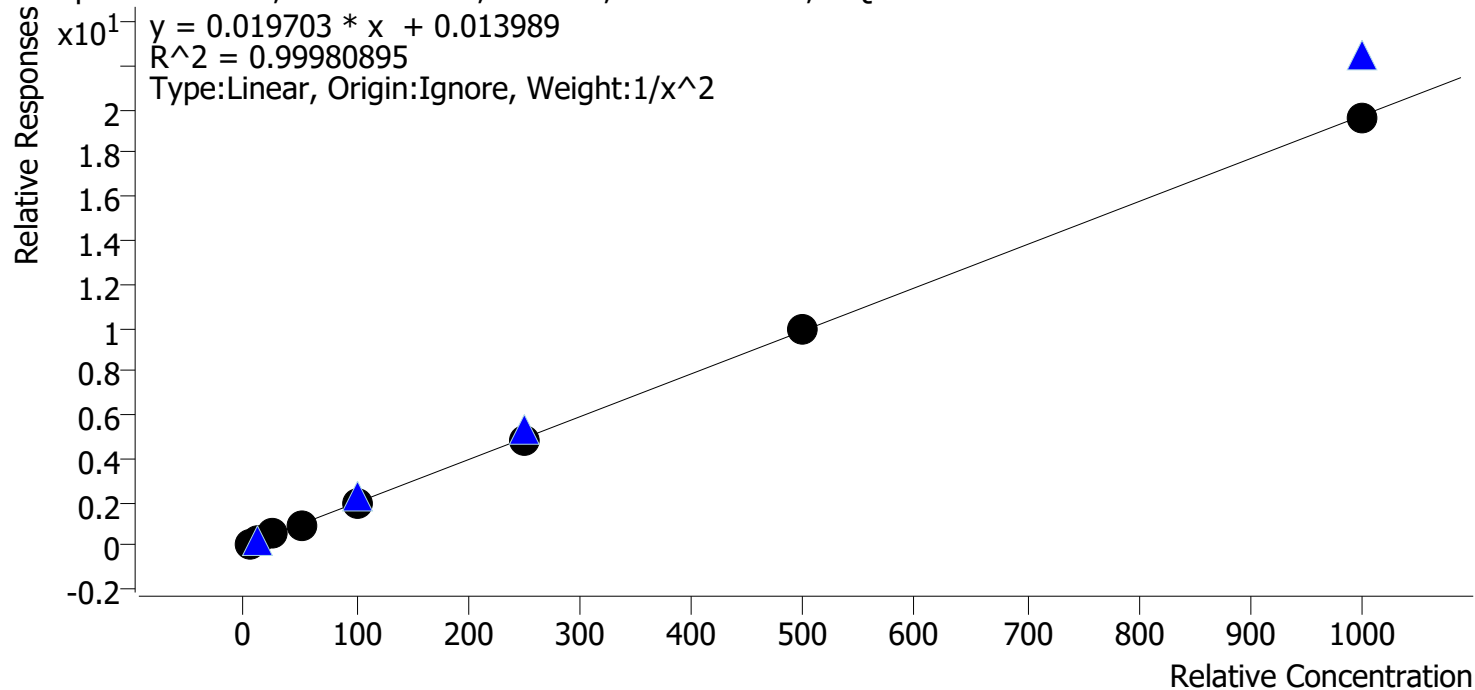
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	252.0	100.8
cal 7 mdq	7	✓	500.0	516.2	103.2
cal 8 mdq	8	✓	1000.0	1022.8	102.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



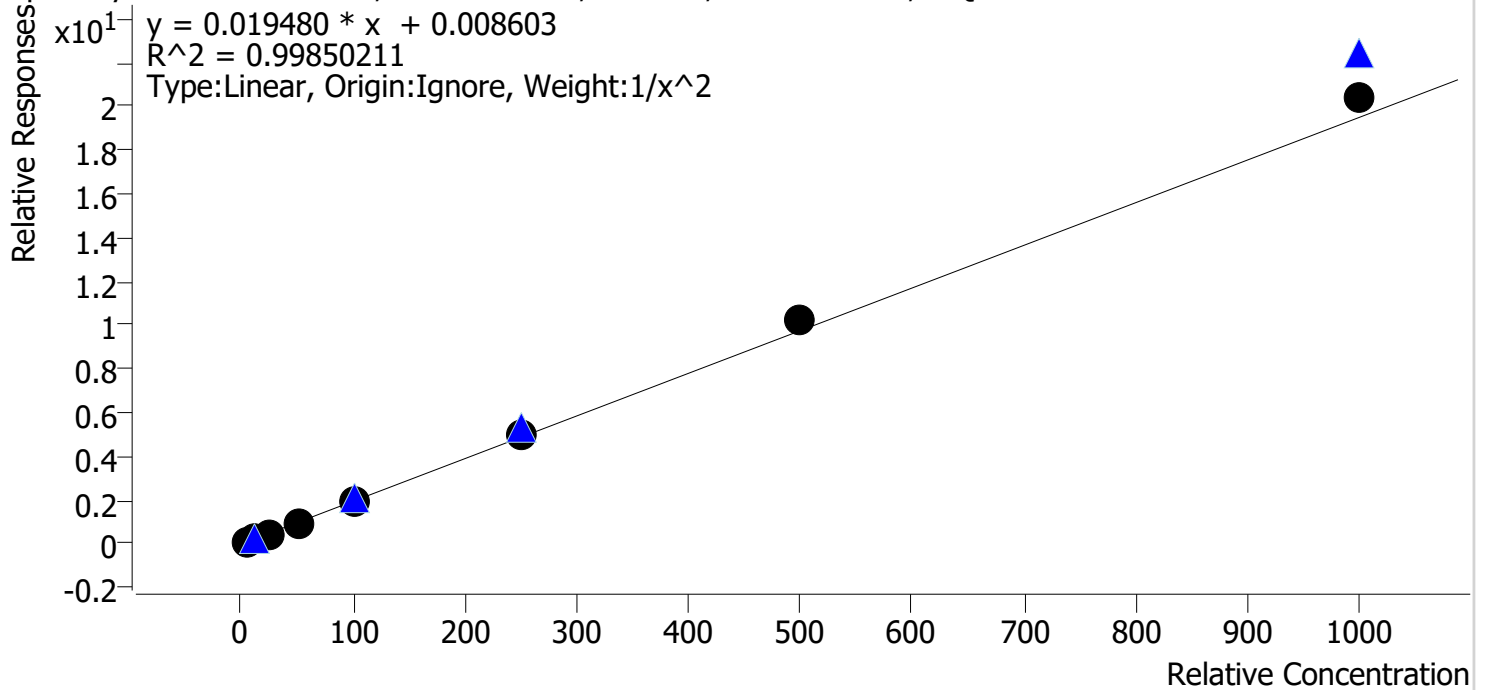
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	25.1	100.3
cal 4 mdq	4	✓	50.0	49.2	98.4
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	499.8	100.0
cal 8 mdq	8	✓	1000.0	995.0	99.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



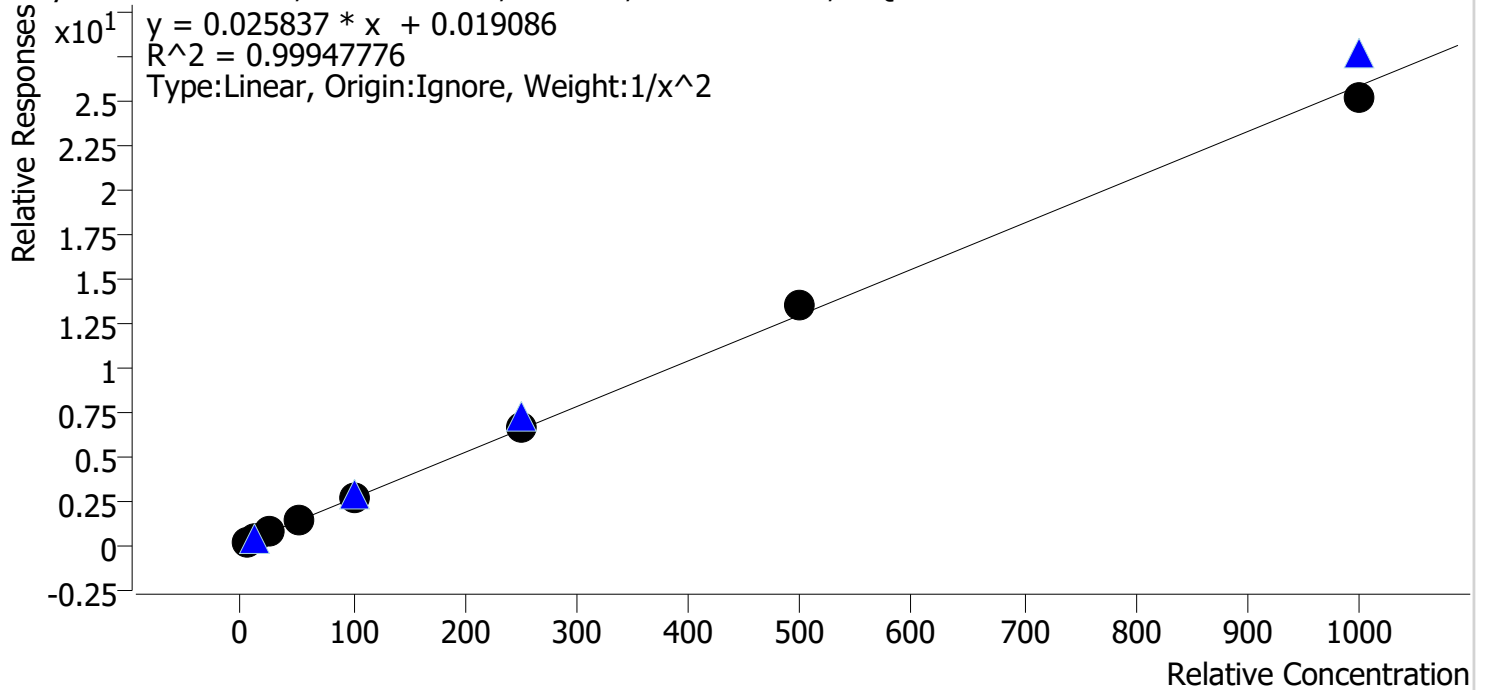
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	48.5	97.0
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	252.8	101.1
cal 7 mdq	7	✓	500.0	520.9	104.2
cal 8 mdq	8	✓	1000.0	1044.8	104.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



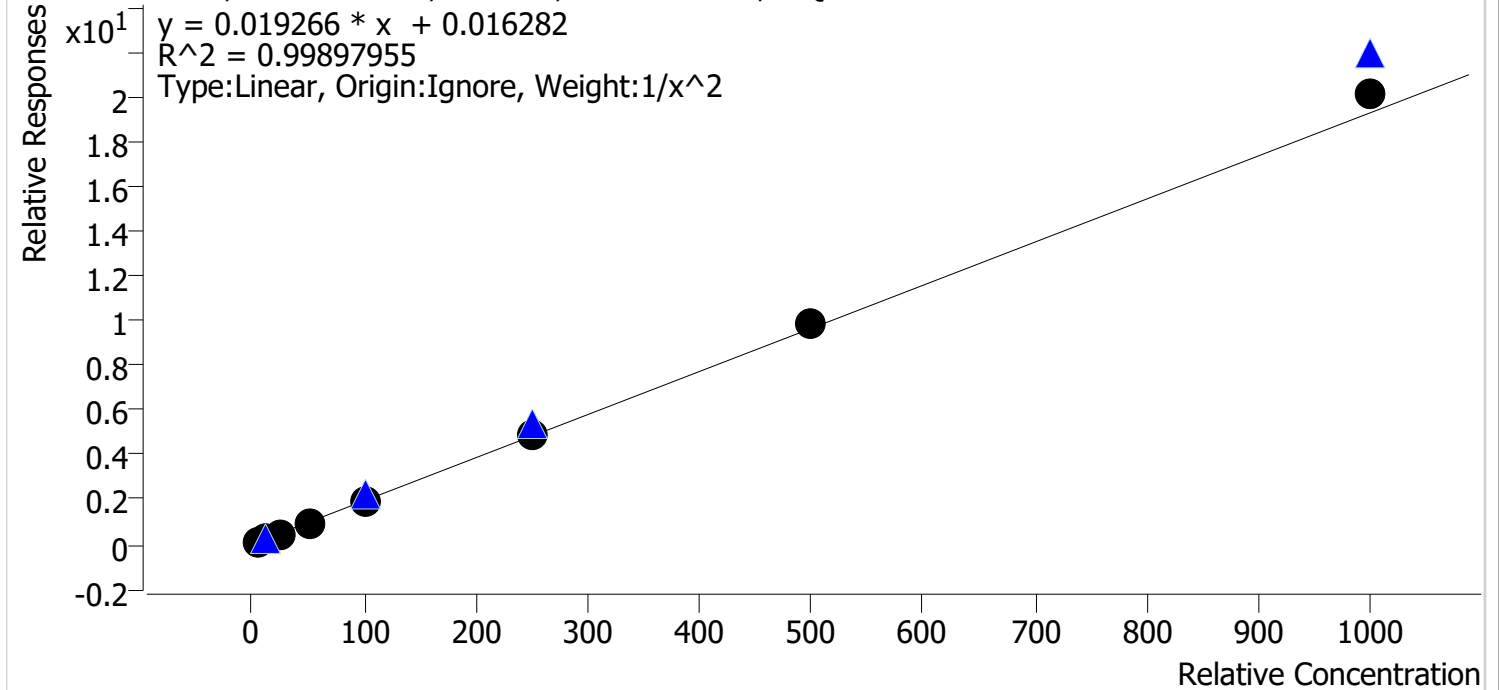
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	49.8	99.7
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	252.9	101.2
cal 7 mdq	7	✓	500.0	517.7	103.5
cal 8 mdq	8	✓	1000.0	972.3	97.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



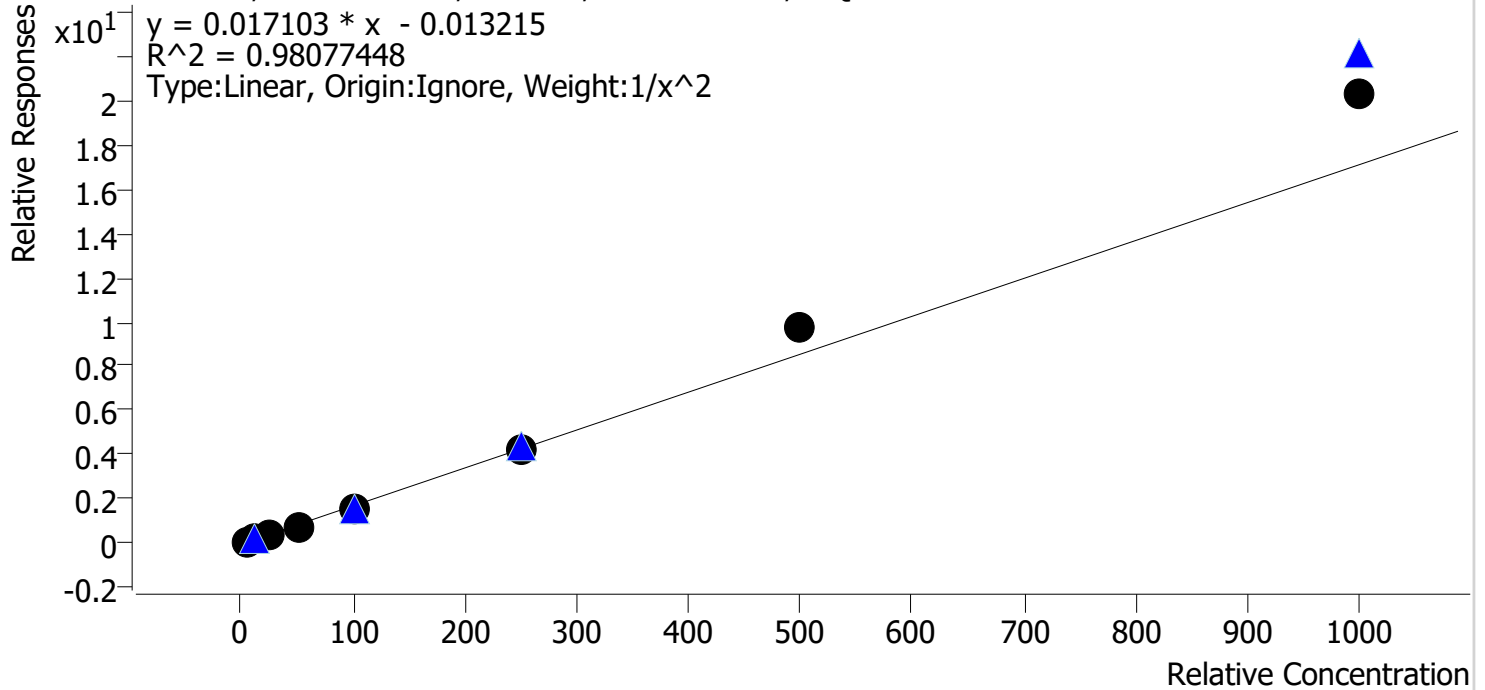
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	49.1	98.3
cal 5 mdq	5	✓	100.0	97.5	97.5
cal 6 mdq	6	✓	250.0	251.1	100.4
cal 7 mdq	7	✓	500.0	514.8	103.0
cal 8 mdq	8	✓	1000.0	1041.9	104.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Alprazolam-D5

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



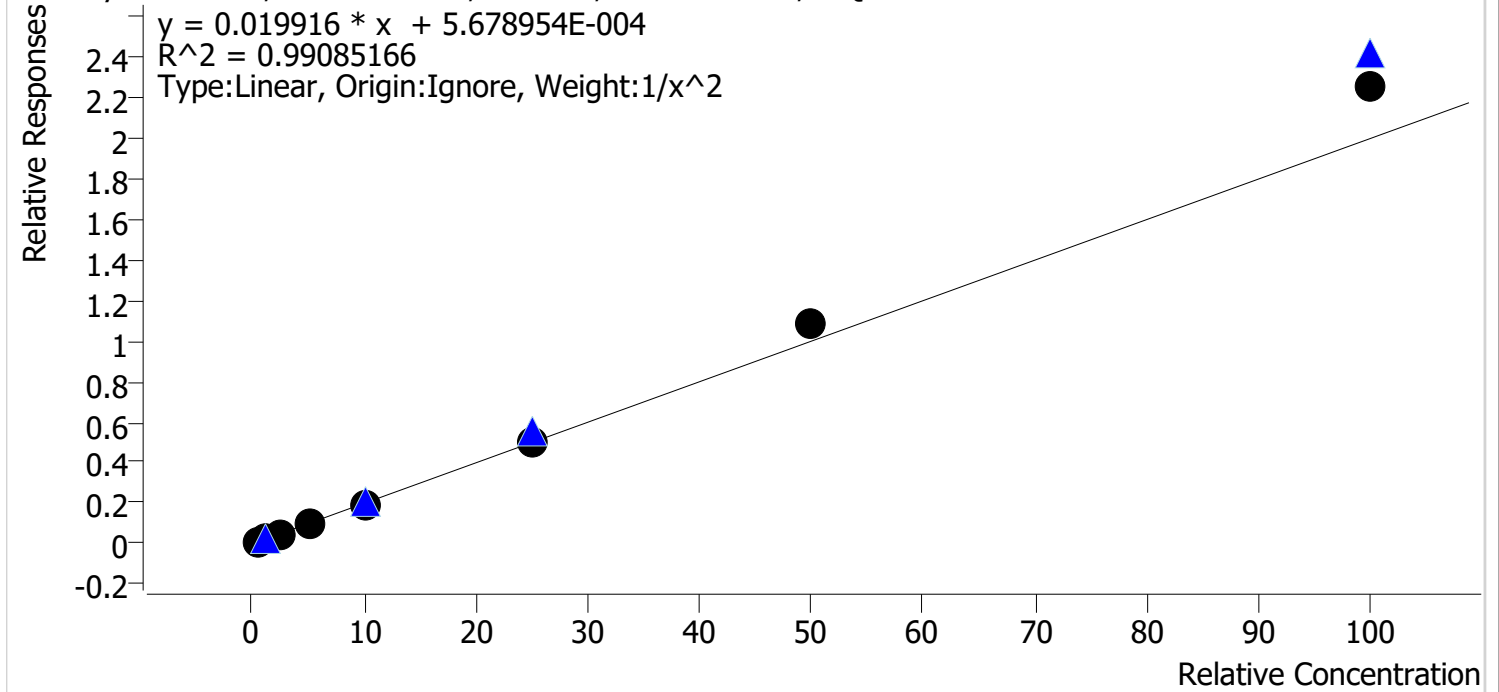
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	105.7
cal 2 mdq	2	✓	10.0	9.6	95.9
cal 3 mdq	3	✓	25.0	22.1	88.5
cal 4 mdq	4	✓	50.0	45.6	91.2
cal 5 mdq	5	✓	100.0	86.8	86.8
cal 6 mdq	6	✓	250.0	244.2	97.7
cal 7 mdq	7	✓	500.0	575.6	115.1
cal 8 mdq	8	✓	1000.0	1191.4	119.1

Compound Calibration Report



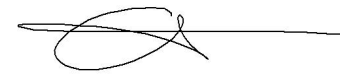
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



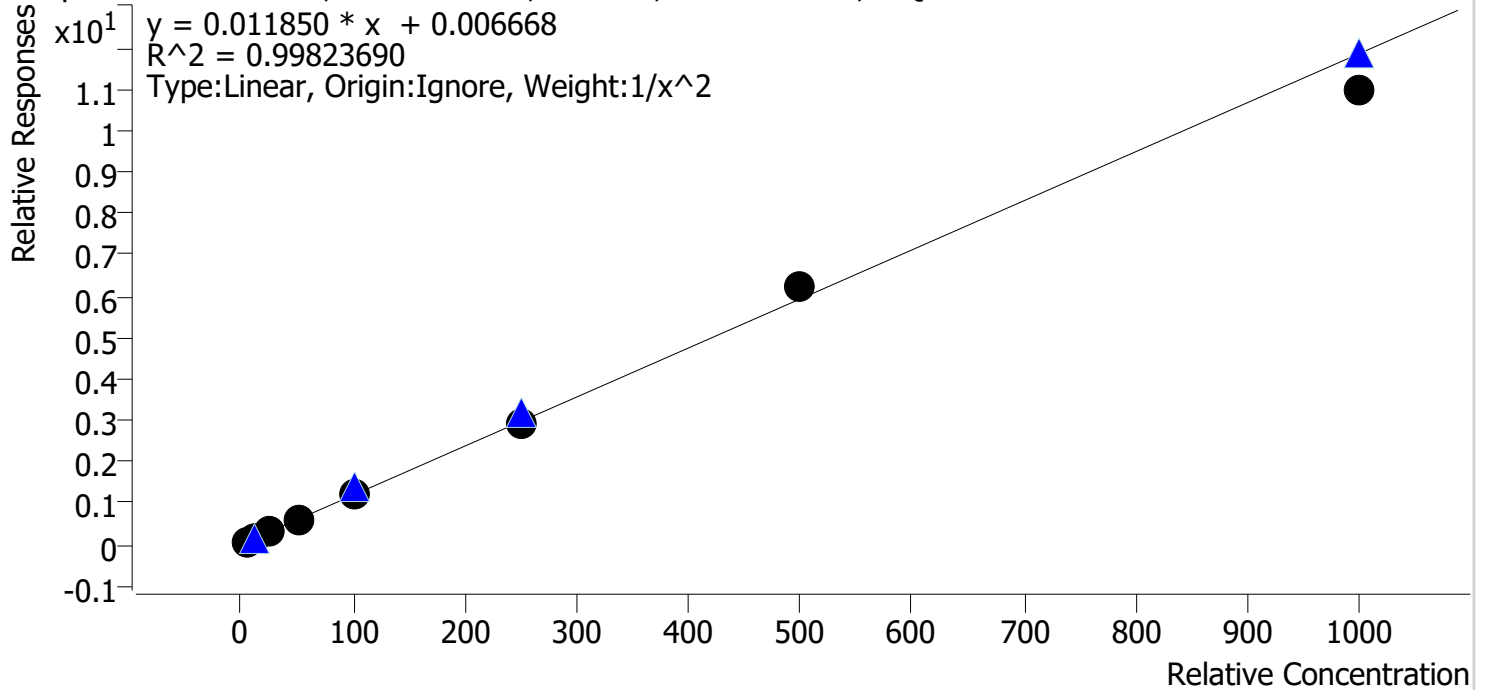
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	105.3
cal 2 mdq	2	✓	1.0	0.9	94.4
cal 3 mdq	3	✓	2.5	2.3	91.1
cal 4 mdq	4	✓	5.0	4.8	95.9
cal 5 mdq	5	✓	10.0	9.1	91.2
cal 6 mdq	6	✓	25.0	25.0	100.0
cal 7 mdq	7	✓	50.0	54.5	108.9
cal 8 mdq	8	✓	100.0	113.2	113.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



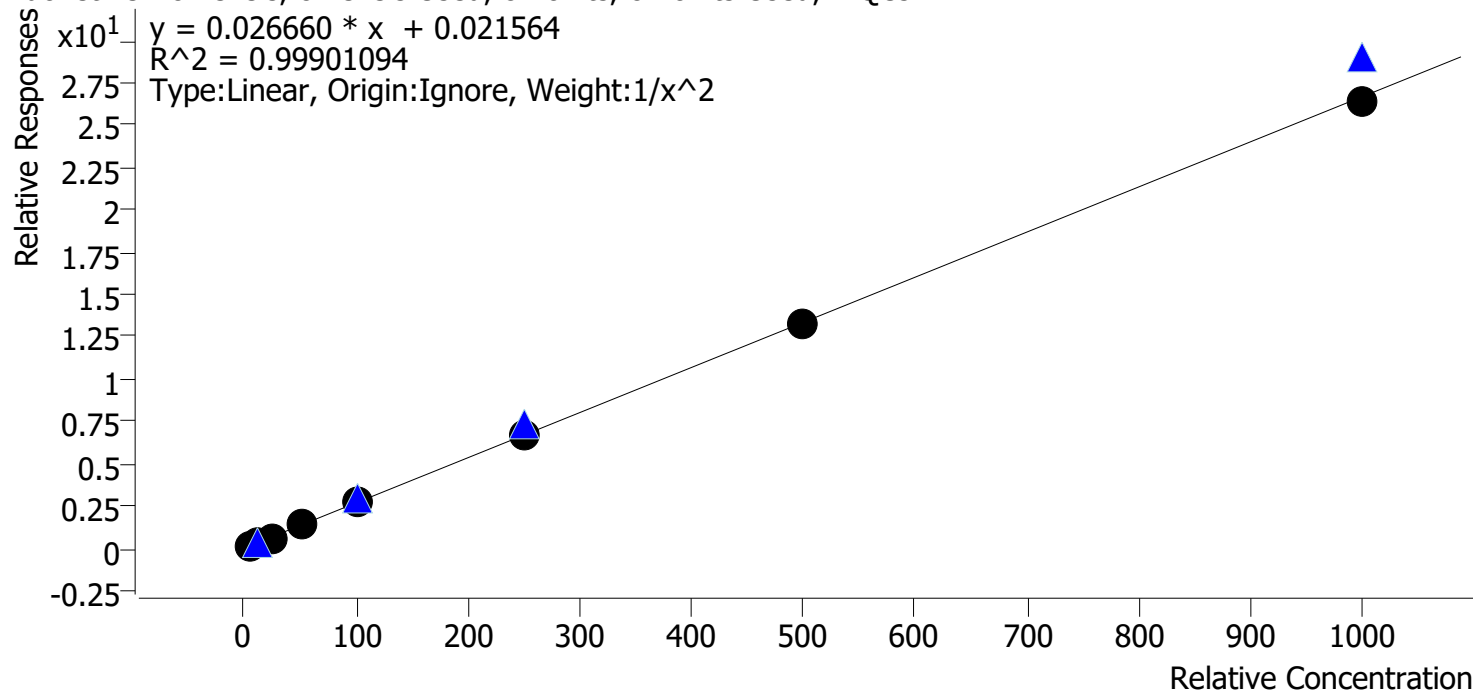
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	51.4	102.7
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	525.5	105.1
cal 8 mdq	8	✓	1000.0	925.1	92.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



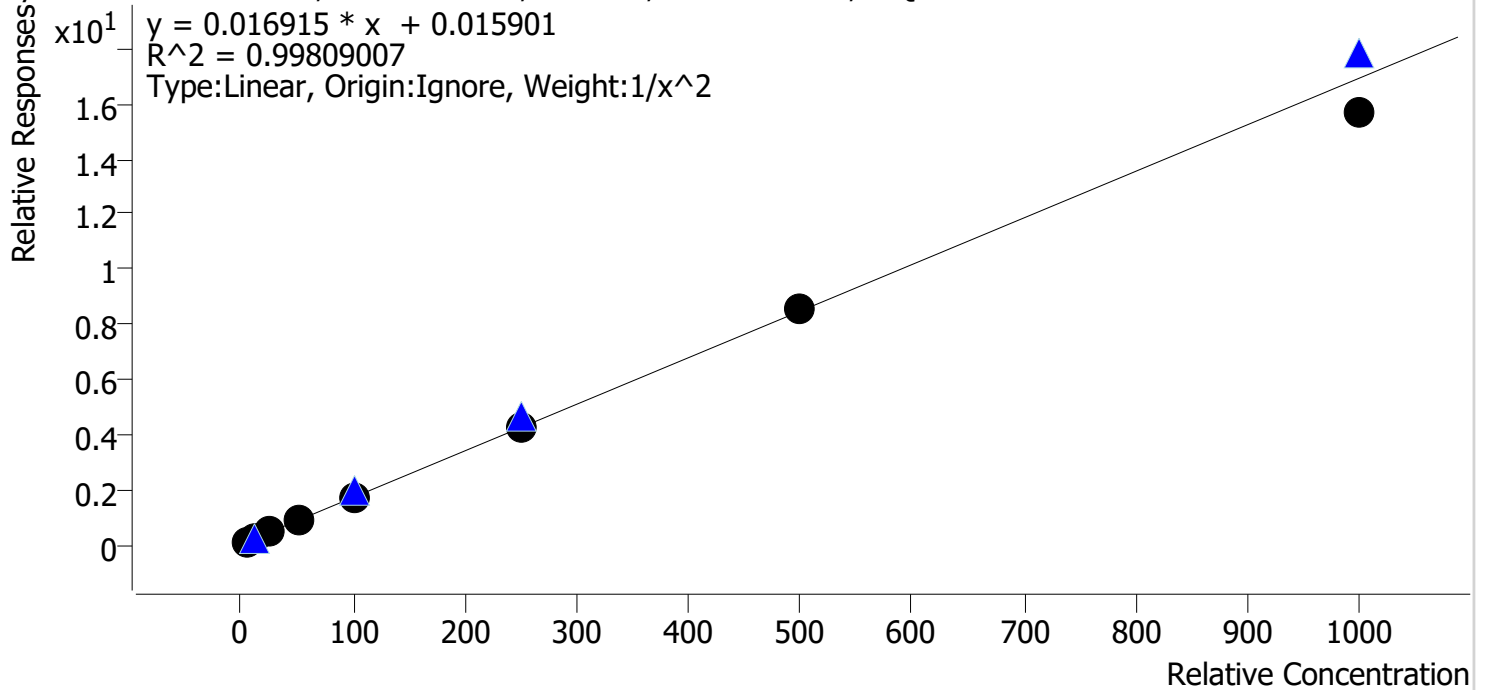
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.4	104.0
cal 3 mdq	3	✓	25.0	23.6	94.6
cal 4 mdq	4	✓	50.0	50.4	100.7
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdq	6	✓	250.0	253.6	101.5
cal 7 mdq	7	✓	500.0	499.9	100.0
cal 8 mdq	8	✓	1000.0	990.7	99.1

Compound Calibration Report



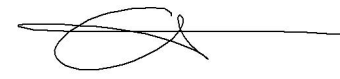
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



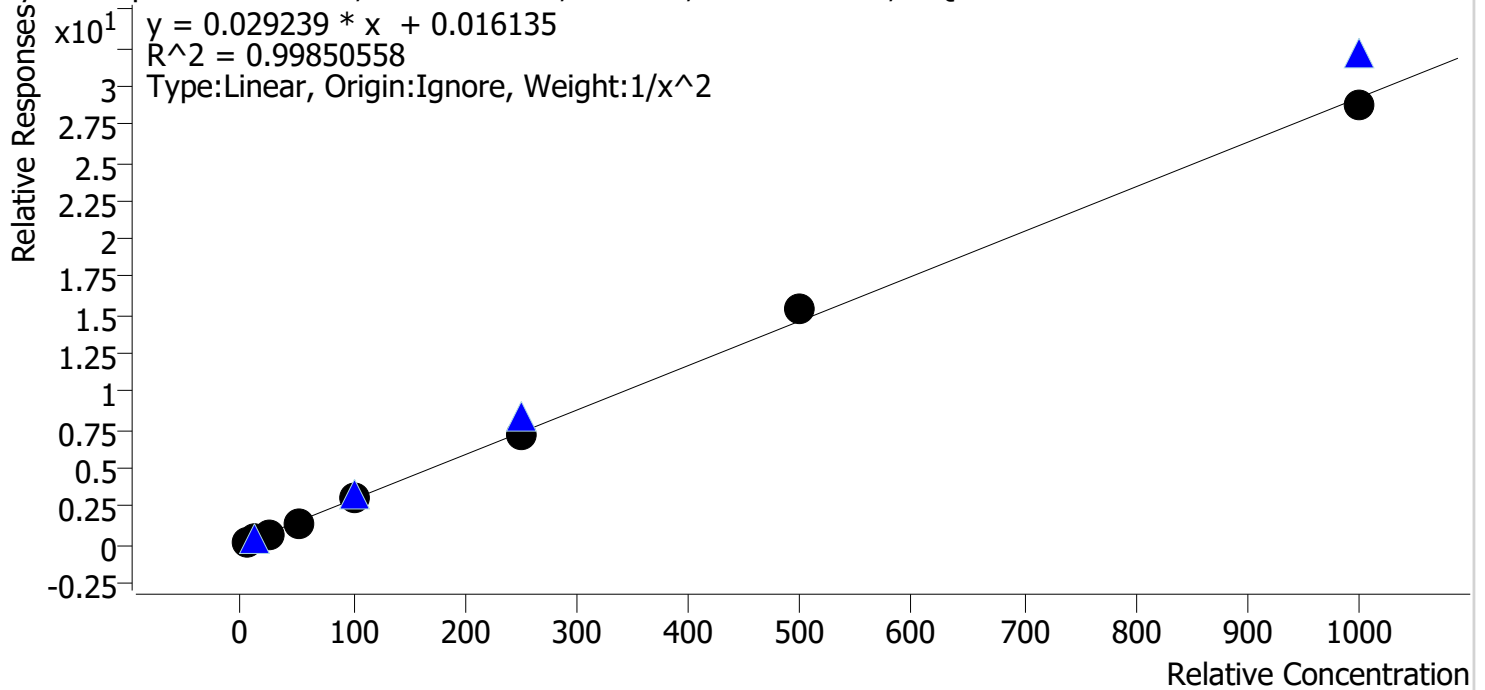
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.2
cal 2 mdq	2	✓	10.0	10.4	104.3
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	51.5	102.9
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	508.1	101.6
cal 8 mdq	8	✓	1000.0	922.9	92.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



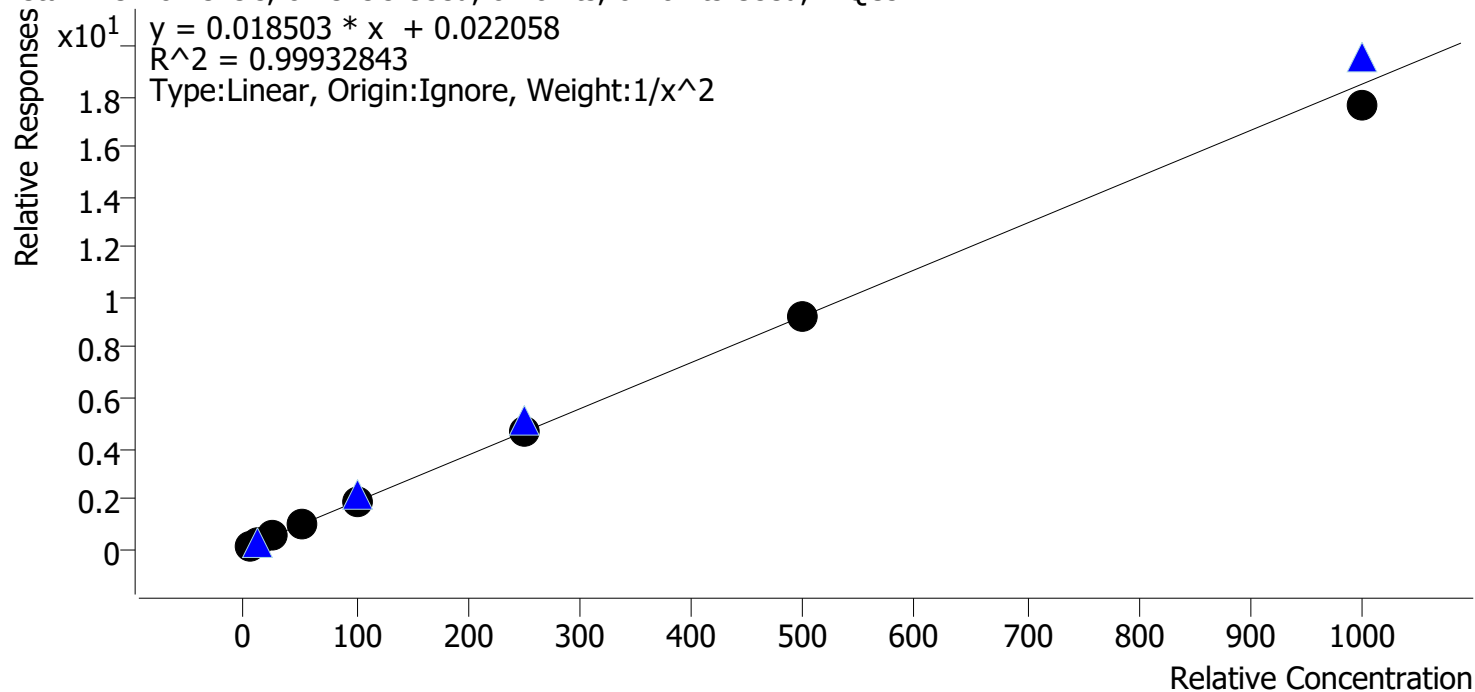
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	23.9	95.7
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	530.4	106.1
cal 8 mdq	8	✓	1000.0	980.1	98.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



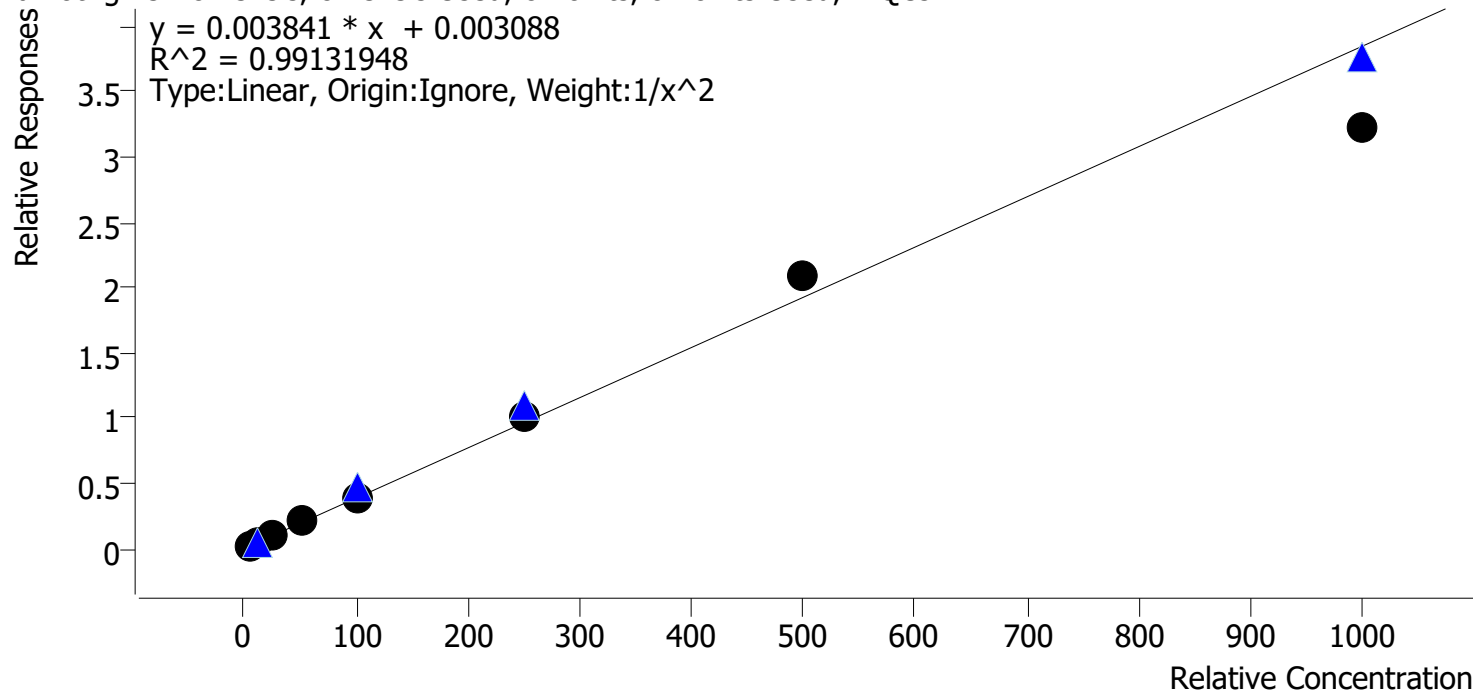
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	50.7	101.4
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	502.1	100.4
cal 8 mdq	8	✓	1000.0	951.5	95.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Alprazolam-D5

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



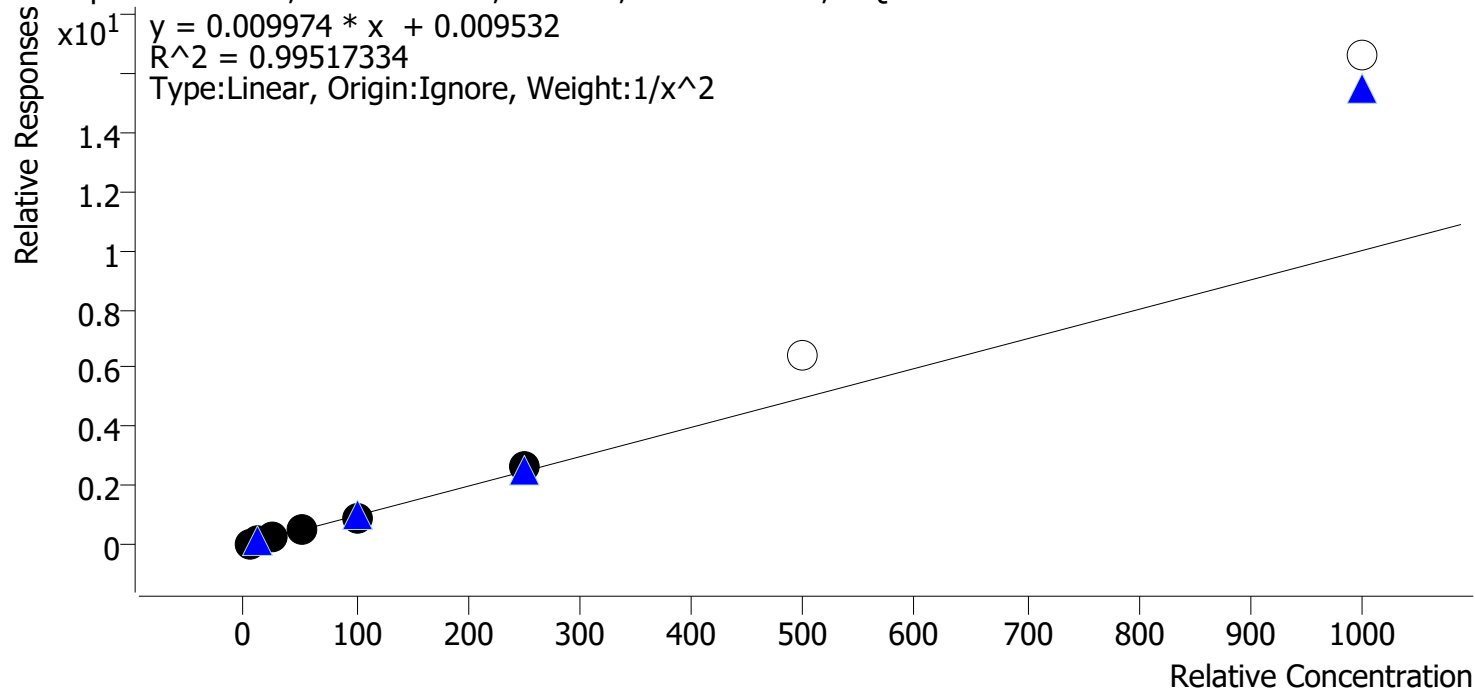
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdq	2	✓	10.0	9.2	92.5
cal 3 mdq	3	✓	25.0	25.6	102.5
cal 4 mdq	4	✓	50.0	53.2	106.4
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	259.9	104.0
cal 7 mdq	7	✓	500.0	544.5	108.9
cal 8 mdq	8	✓	1000.0	839.8	84.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.9
cal 2 mdq	2	✓	10.0	10.8	107.8
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	49.8	99.5
cal 5 mdq	5	✓	100.0	92.9	92.9
cal 6 mdq	6	✓	250.0	264.1	105.6
cal 7 mdq	7	✗	500.0	646.6	129.3
cal 8 mdq	8	✗	1000.0	1661.7	166.2

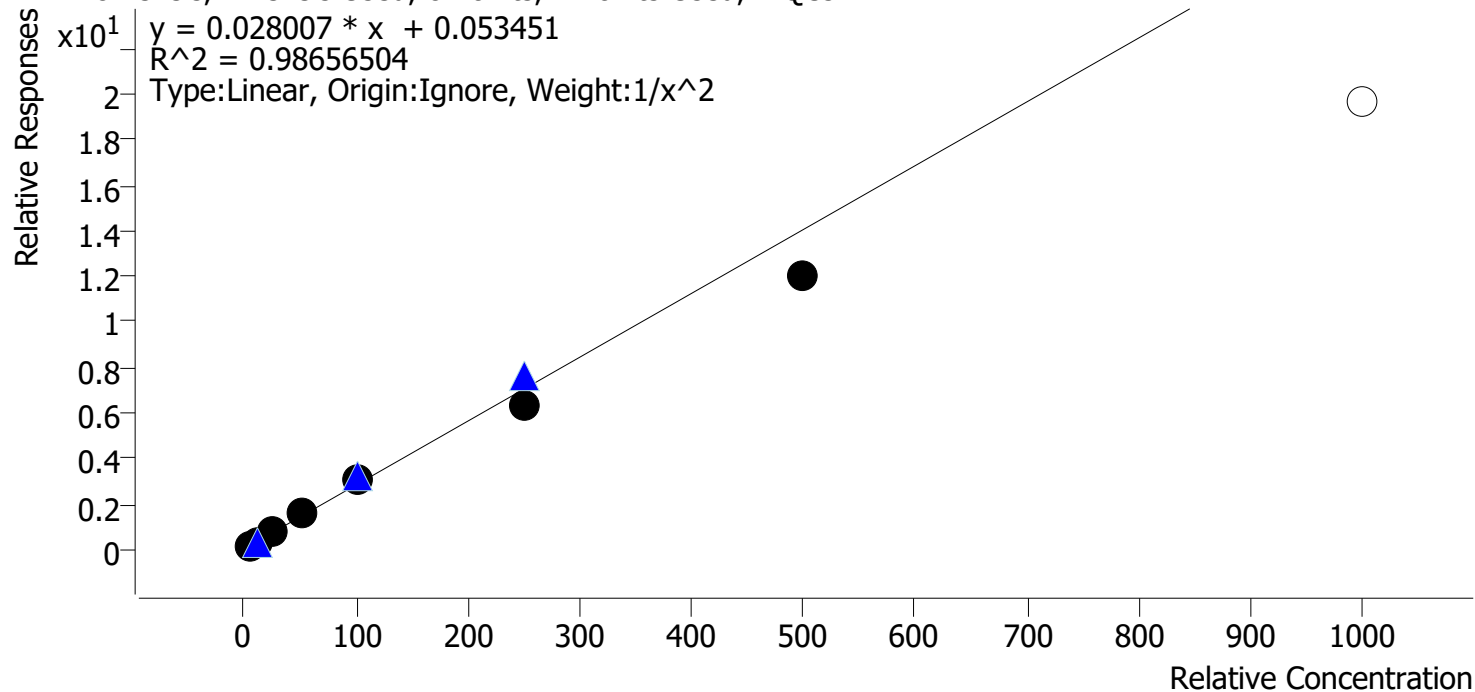
dropped cal 7 and cal 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 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	4.7	93.9
cal 2 mdq	2	✓	10.0	10.7	106.8
cal 3 mdq	3	✓	25.0	27.4	109.4
cal 4 mdq	4	✓	50.0	54.3	108.6
cal 5 mdq	5	✓	100.0	105.5	105.5
cal 6 mdq	6	✓	250.0	226.2	90.5
cal 7 mdq	7	✓	500.0	426.4	85.3
cal 8 mdq	8	x	1000.0	700.3	70.0

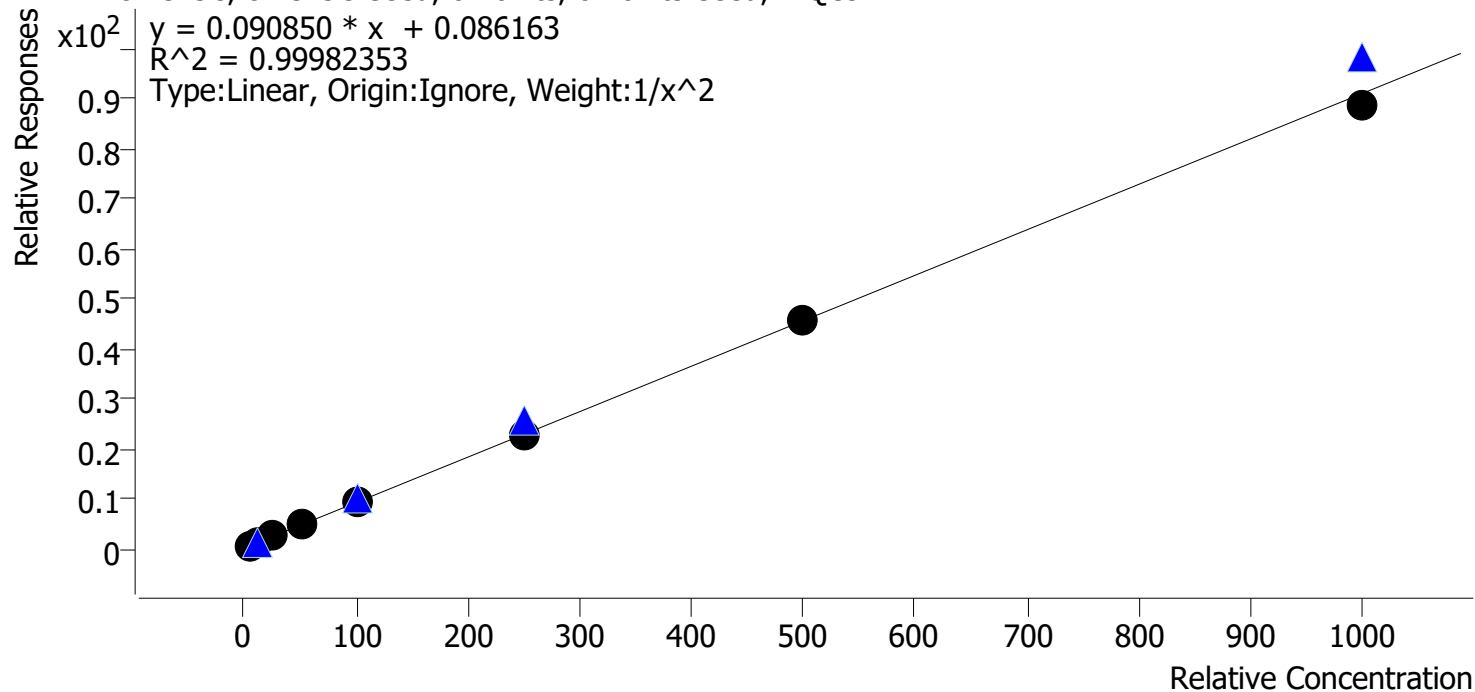
dropped cal 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



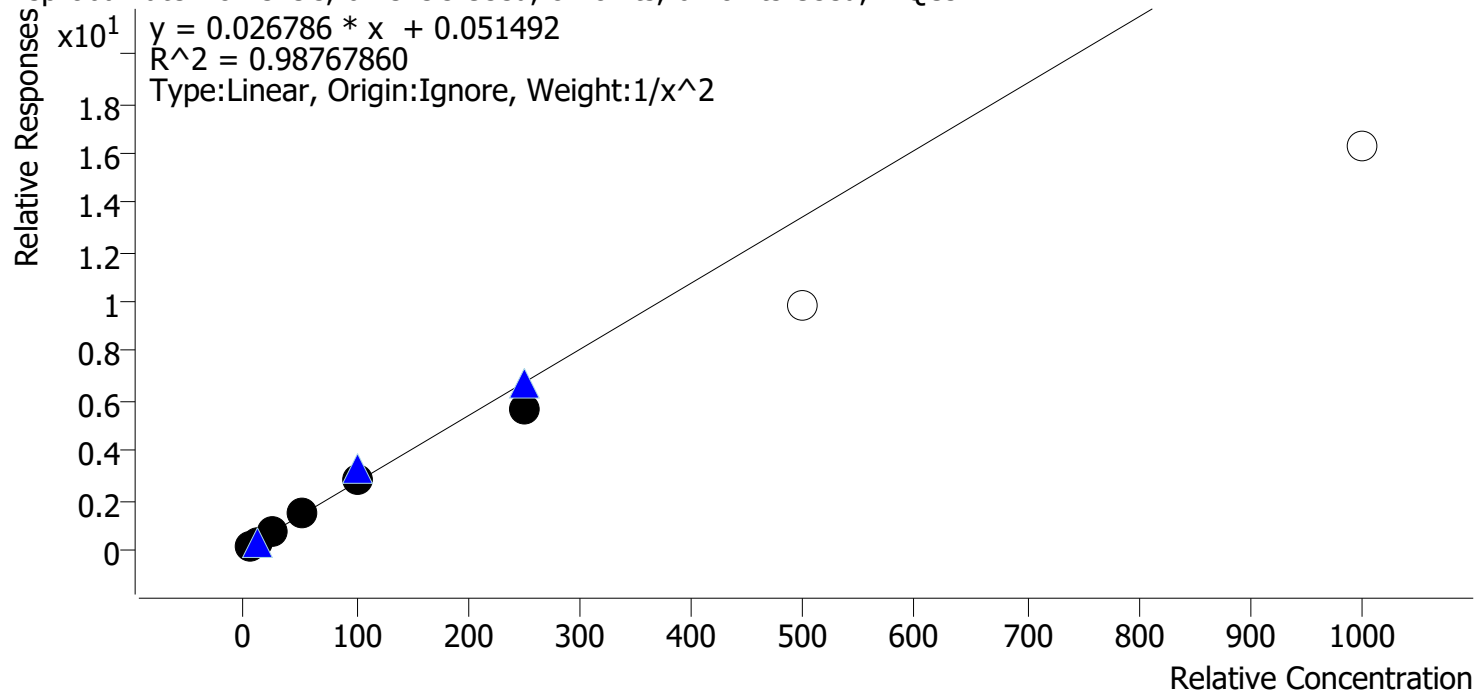
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	25.1	100.2
cal 4 mdq	4	✓	50.0	50.4	100.7
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	974.6	97.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.0
cal 2 mdq	2	✓	10.0	10.6	106.5
cal 3 mdq	3	✓	25.0	27.0	108.2
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	103.8	103.8
cal 6 mdq	6	✓	250.0	209.8	83.9
cal 7 mdq	7	✗	500.0	367.9	73.6
cal 8 mdq	8	✗	1000.0	604.5	60.4

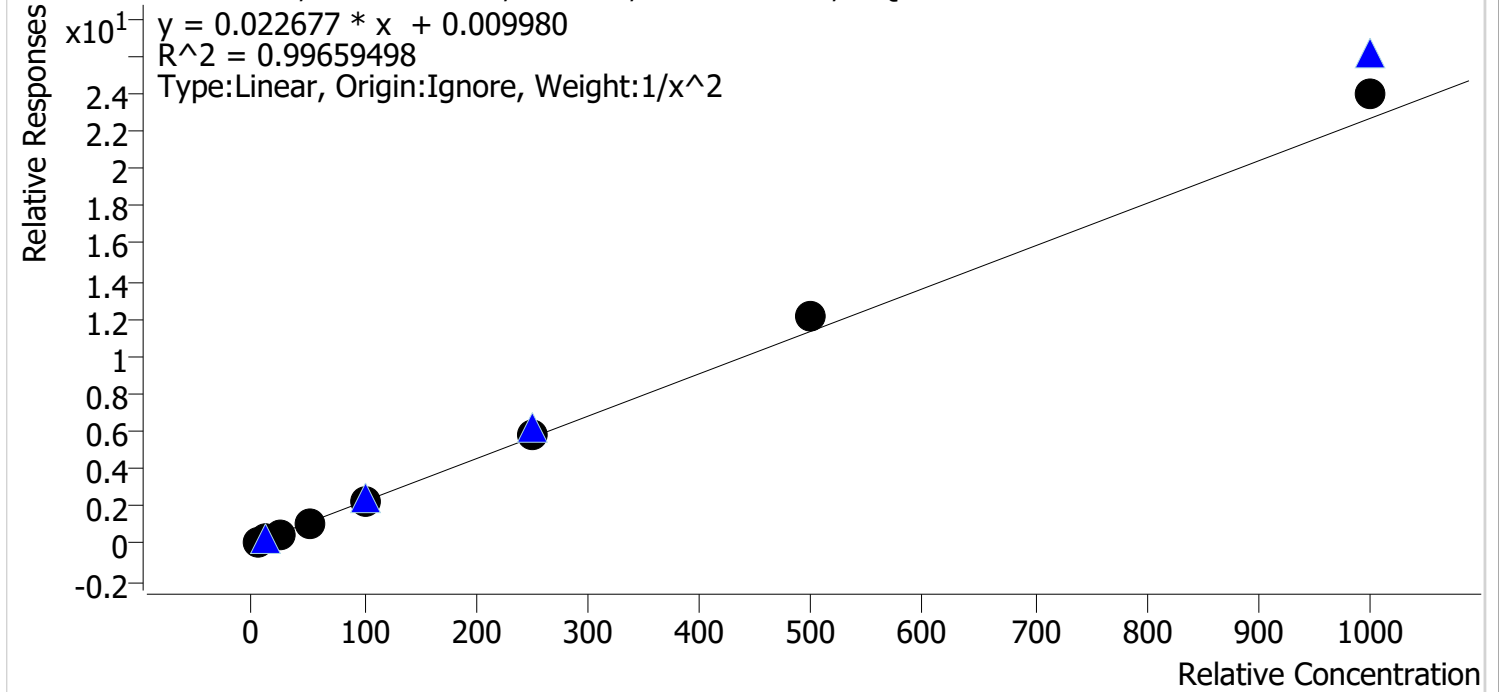
dropped cal 7 and cal 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



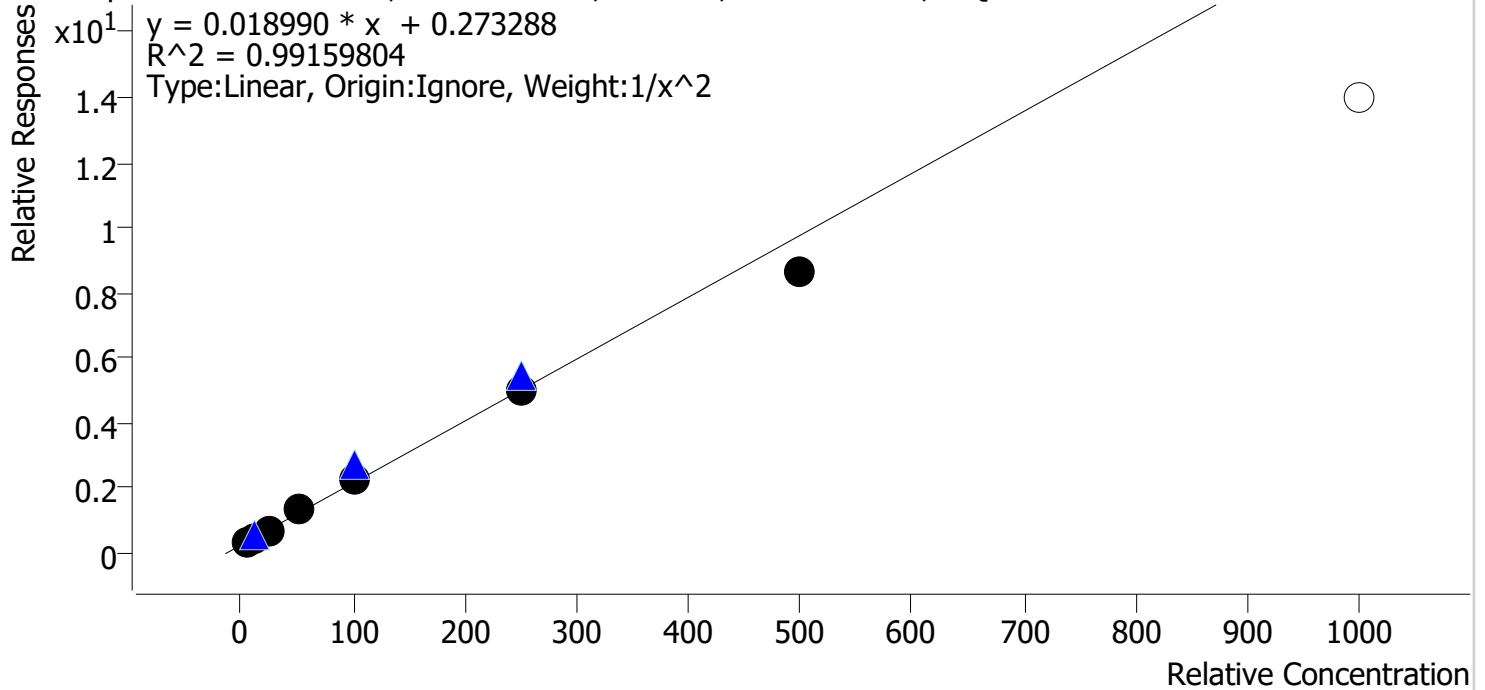
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.0
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	23.2	92.9
cal 4 mdq	4	✓	50.0	48.4	96.8
cal 5 mdq	5	✓	100.0	95.7	95.7
cal 6 mdq	6	✓	250.0	252.6	101.0
cal 7 mdq	7	✓	500.0	534.5	106.9
cal 8 mdq	8	✓	1000.0	1060.8	106.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 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	5.1	101.3
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	55.4	110.8
cal 5 mdq	5	✓	100.0	108.5	108.5
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	441.0	88.2
cal 8 mdq	8	✗	1000.0	721.7	72.2

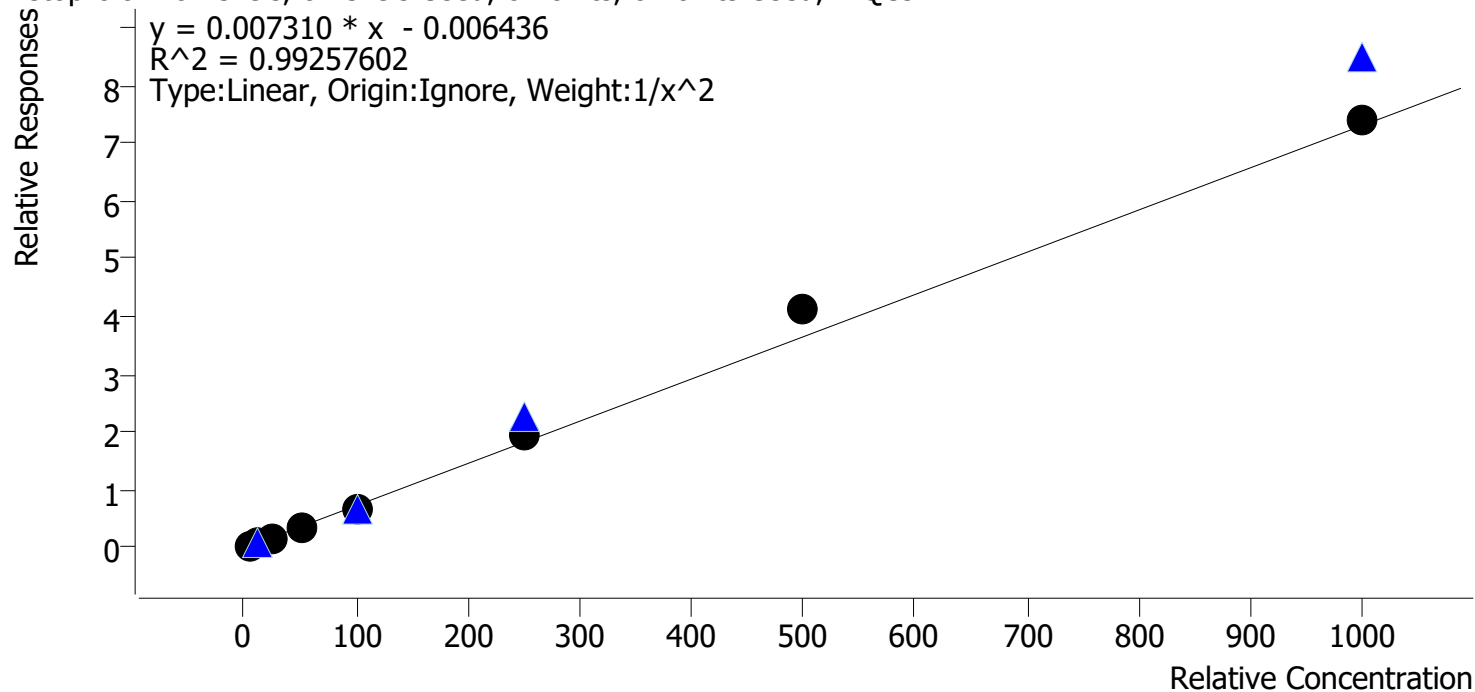
dropped cal 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



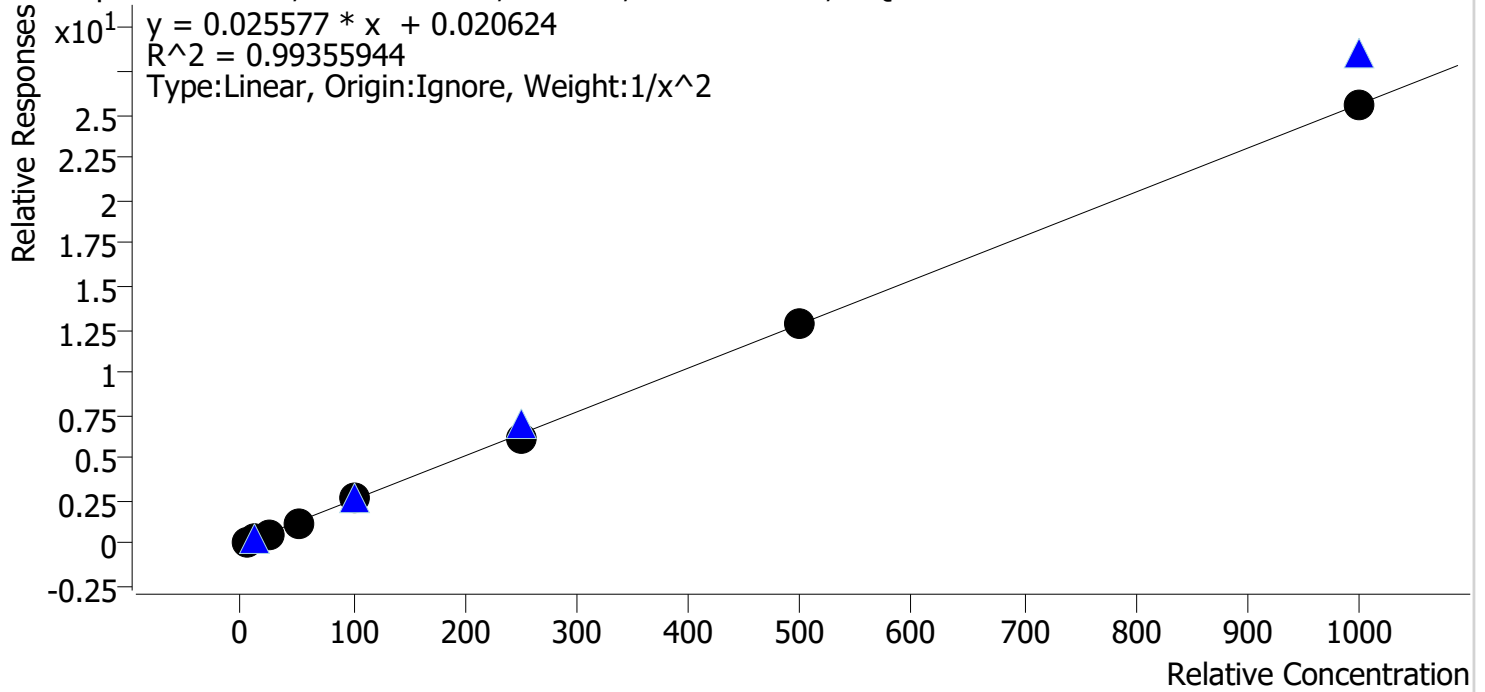
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.1
cal 2 mdq	2	✓	10.0	9.7	96.6
cal 3 mdq	3	✓	25.0	23.1	92.3
cal 4 mdq	4	✓	50.0	45.6	91.2
cal 5 mdq	5	✓	100.0	95.6	95.6
cal 6 mdq	6	✓	250.0	264.8	105.9
cal 7 mdq	7	✓	500.0	565.9	113.2
cal 8 mdq	8	✓	1000.0	1011.5	101.2

Compound Calibration Report



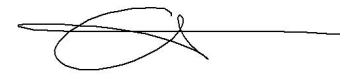
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



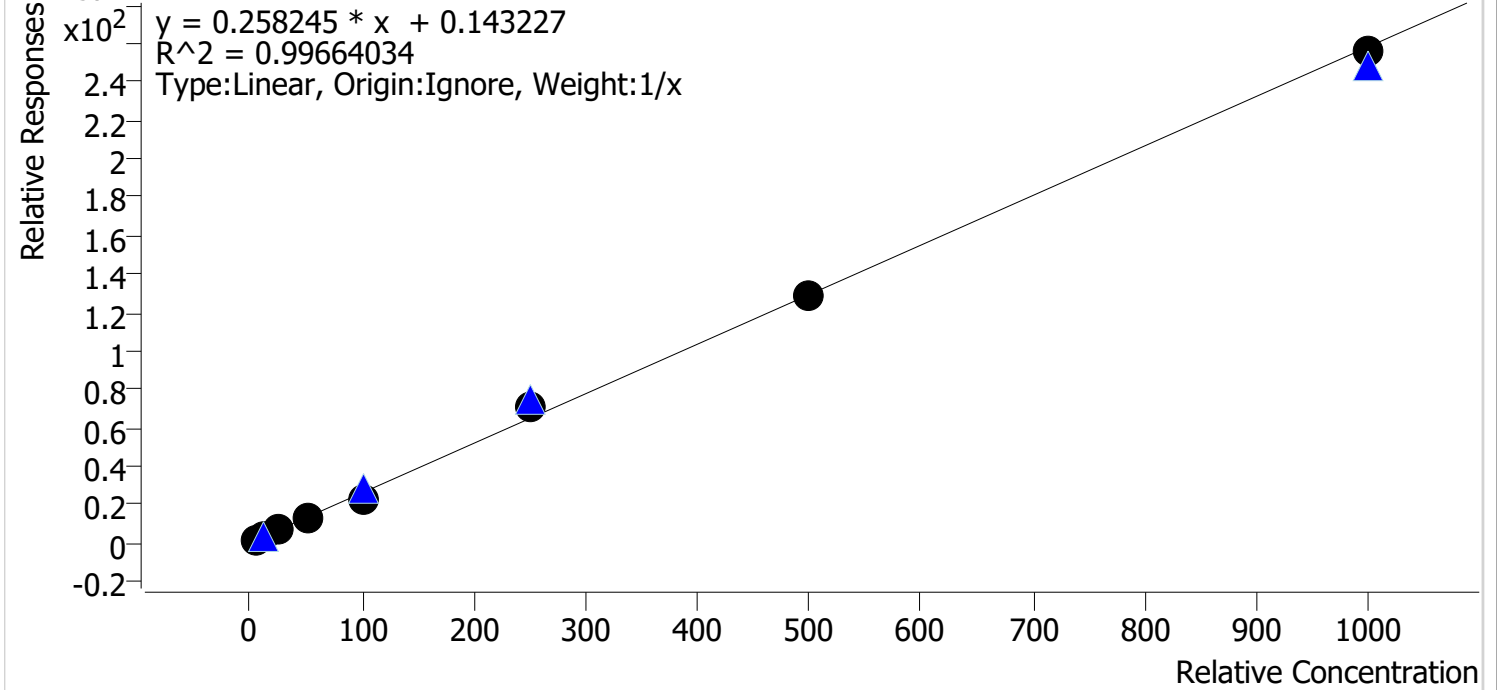
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	95.0
cal 2 mdq	2	✓	10.0	11.3	112.9
cal 3 mdq	3	✓	25.0	23.6	94.2
cal 4 mdq	4	✓	50.0	46.9	93.9
cal 5 mdq	5	✓	100.0	108.1	108.1
cal 6 mdq	6	✓	250.0	241.2	96.5
cal 7 mdq	7	✓	500.0	498.0	99.6
cal 8 mdq	8	✓	1000.0	998.0	99.8

Compound Calibration Report



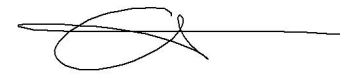
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Norbuprenorphine-D3

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



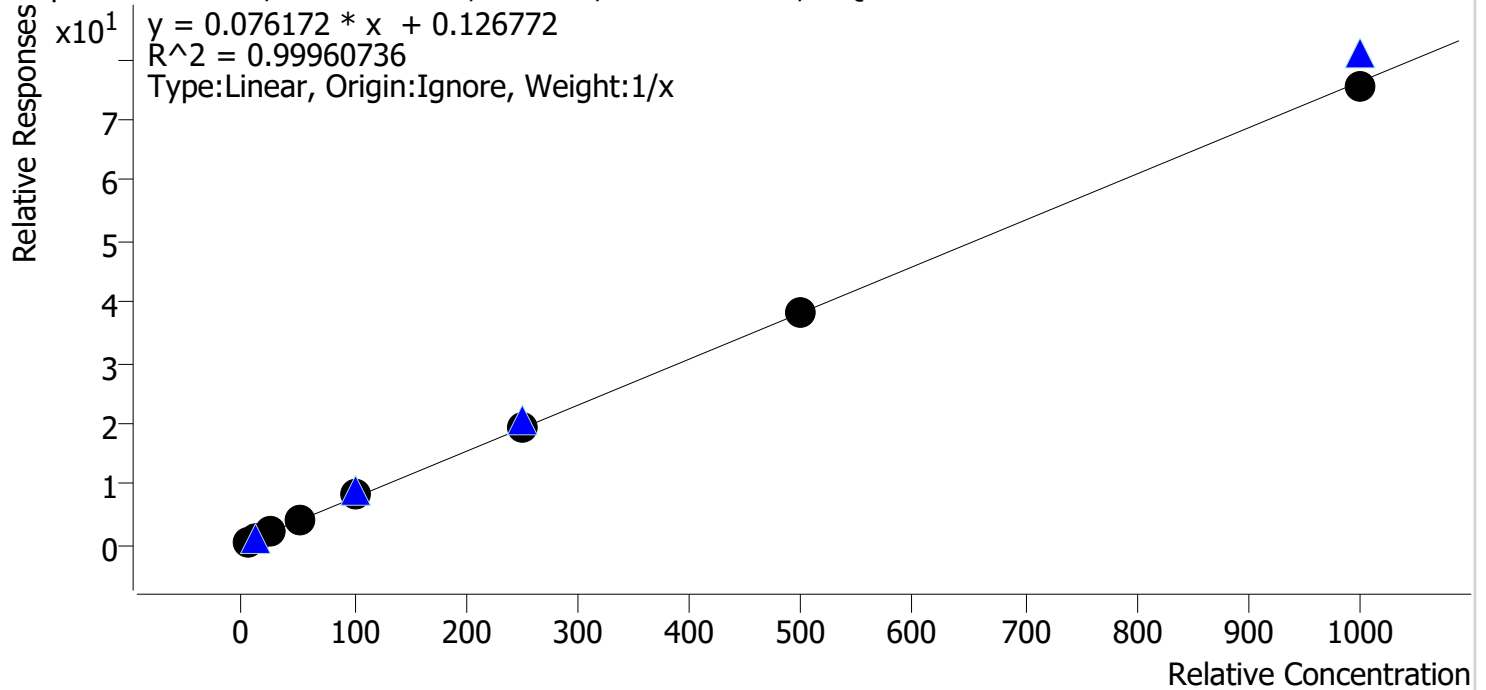
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.8
cal 2 mdq	2	✓	10.0	8.2	81.6
cal 3 mdq	3	✓	25.0	29.1	116.6
cal 4 mdq	4	✓	50.0	51.3	102.5
cal 5 mdq	5	✓	100.0	84.3	84.3
cal 6 mdq	6	✓	250.0	274.0	109.6
cal 7 mdq	7	✓	500.0	497.4	99.5
cal 8 mdq	8	✓	1000.0	990.4	99.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



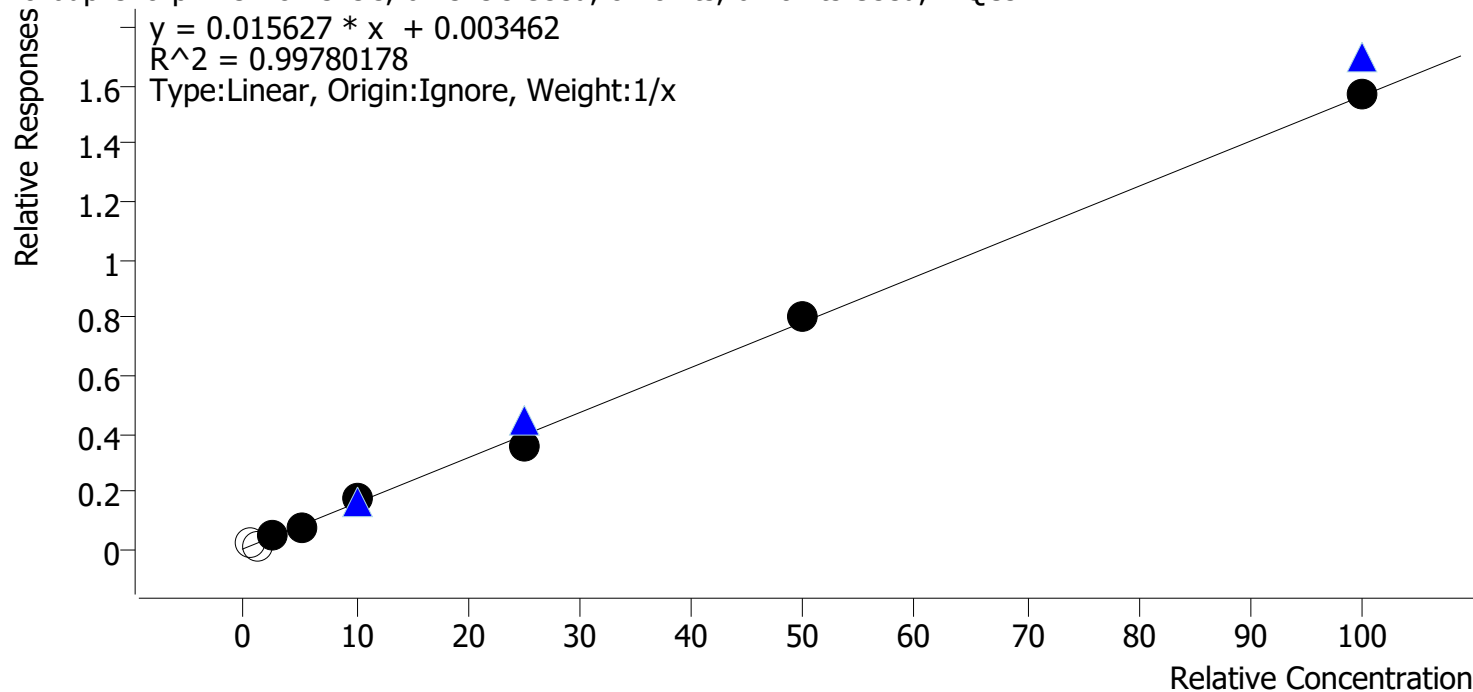
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	9.5	94.9
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	50.3	100.7
cal 5 mdq	5	✓	100.0	106.2	106.2
cal 6 mdq	6	✓	250.0	254.4	101.8
cal 7 mdq	7	✓	500.0	503.0	100.6
cal 8 mdq	8	✓	1000.0	986.6	98.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.9	173.5
cal 2 mdq	2	x	1.0	0.6	57.3
cal 3 mdq	3	✓	2.5	2.7	107.6
cal 4 mdq	4	✓	5.0	4.5	90.8
cal 5 mdq	5	✓	10.0	10.7	107.0
cal 6 mdq	6	✓	25.0	22.9	91.6
cal 7 mdq	7	✓	50.0	51.3	102.7
cal 8 mdq	8	✓	100.0	100.3	100.3

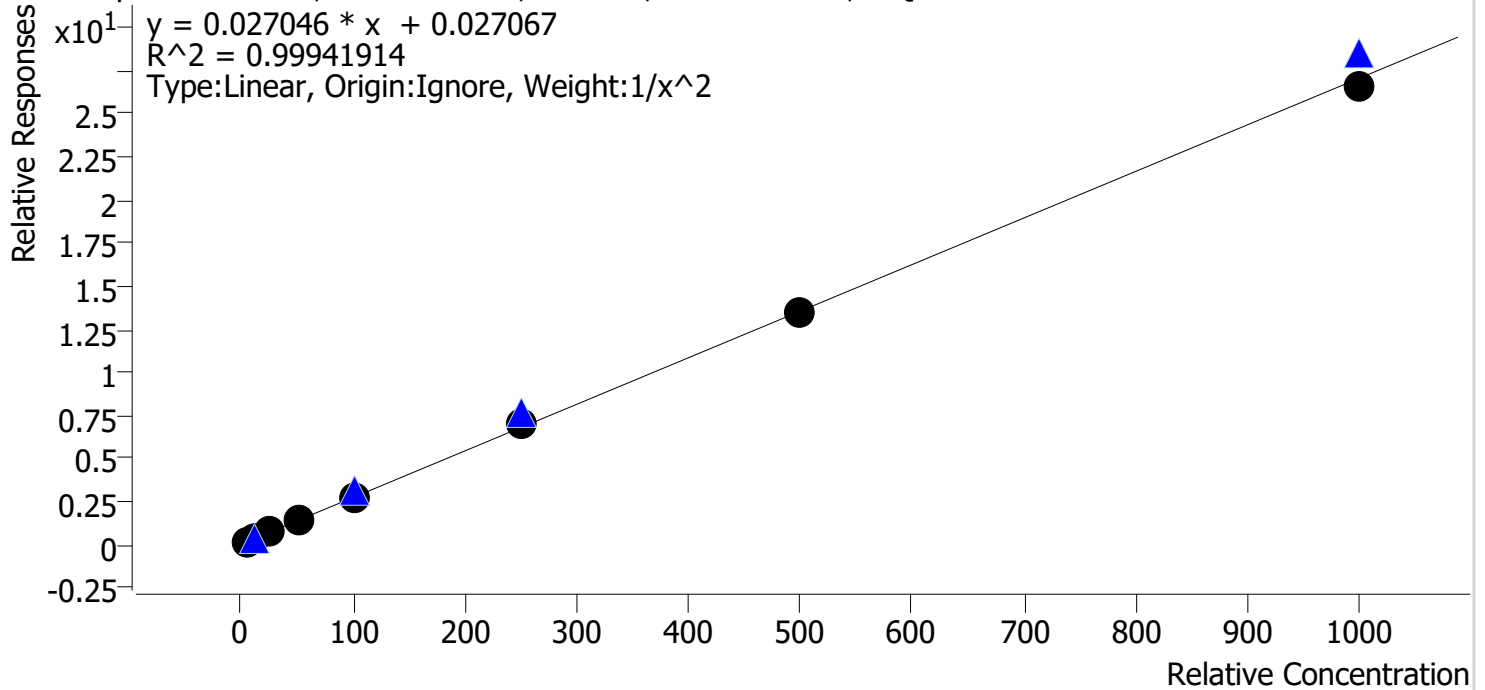
dropped cal 1 and cal 2 poor response ratios out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



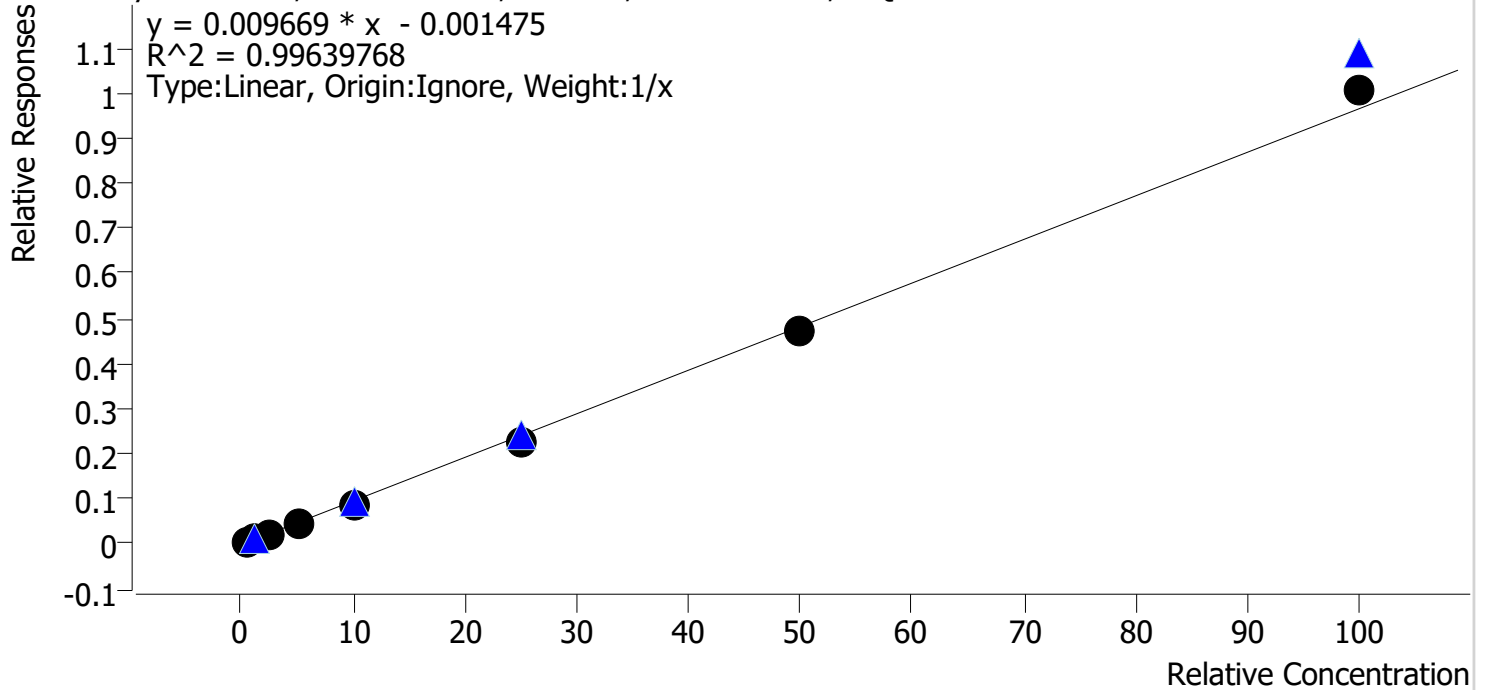
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.4	103.7
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	49.0	98.0
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	498.0	99.6
cal 8 mdq	8	✓	1000.0	984.4	98.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



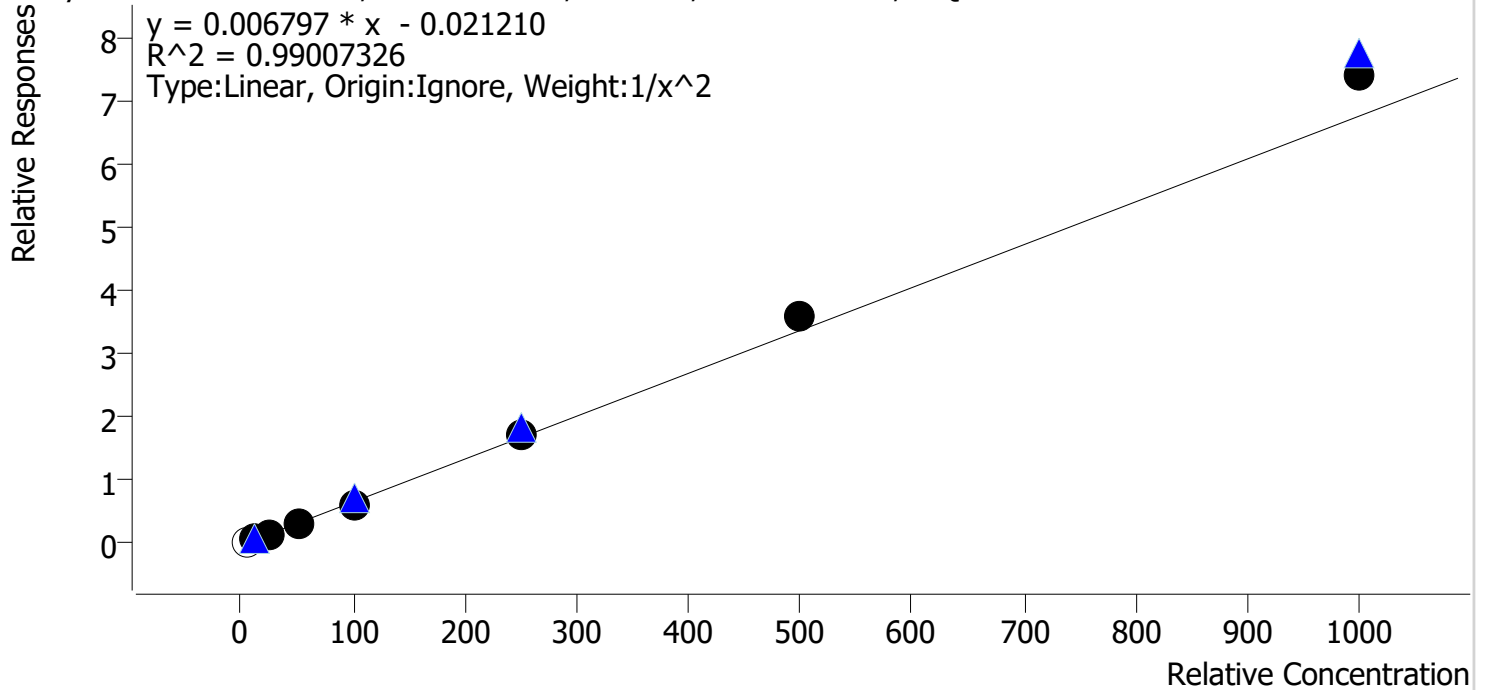
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	129.1
cal 2 mdq	2	✓	1.0	1.1	109.1
cal 3 mdq	3	✓	2.5	2.3	90.6
cal 4 mdq	4	✓	5.0	4.4	87.8
cal 5 mdq	5	✓	10.0	8.8	87.8
cal 6 mdq	6	✓	25.0	23.3	93.0
cal 7 mdq	7	✓	50.0	49.1	98.1
cal 8 mdq	8	✓	100.0	104.5	104.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 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	x	5.0	7.2	143.7
cal 2 mdq	2	✓	10.0	10.6	106.4
cal 3 mdq	3	✓	25.0	22.4	89.6
cal 4 mdq	4	✓	50.0	45.0	89.9
cal 5 mdq	5	✓	100.0	94.1	94.1
cal 6 mdq	6	✓	250.0	256.8	102.7
cal 7 mdq	7	✓	500.0	537.1	107.4
cal 8 mdq	8	✓	1000.0	1097.7	109.8

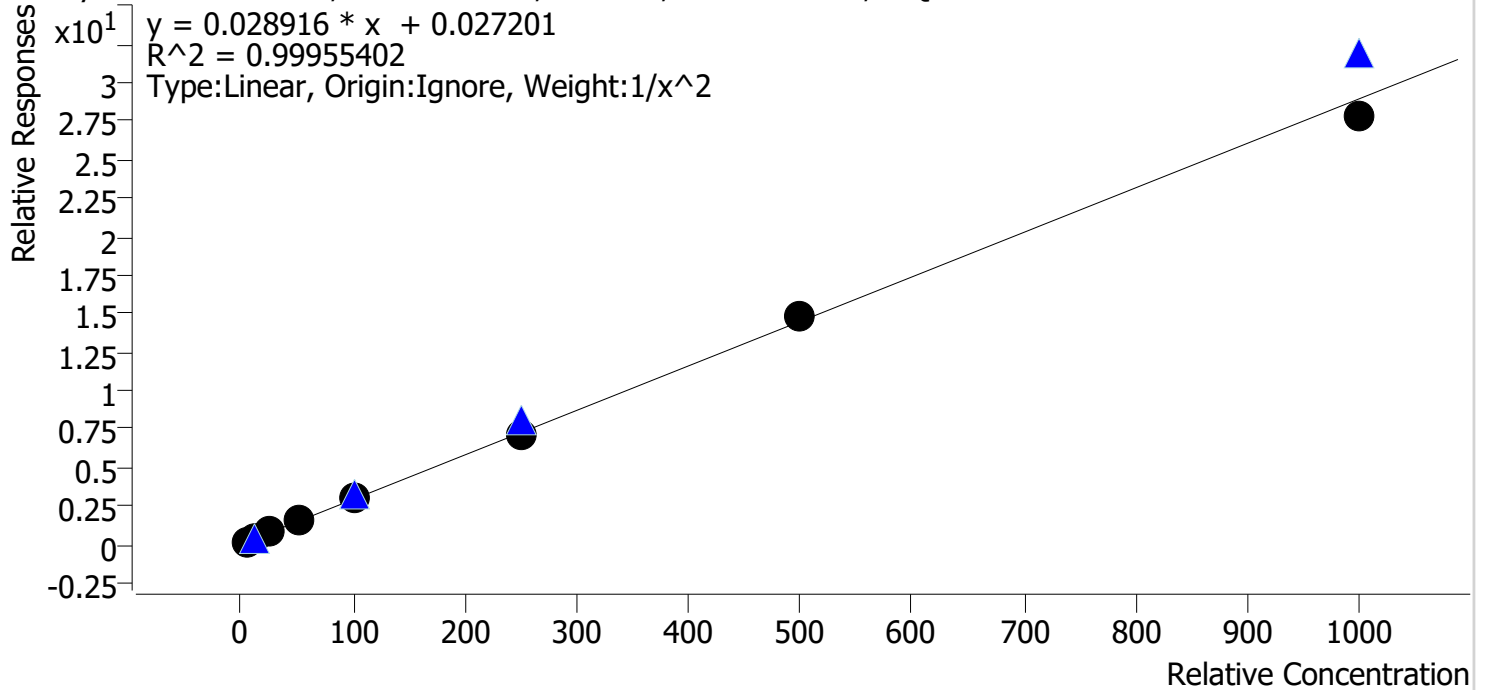
dropped cal 1 ratio out of range poor response

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

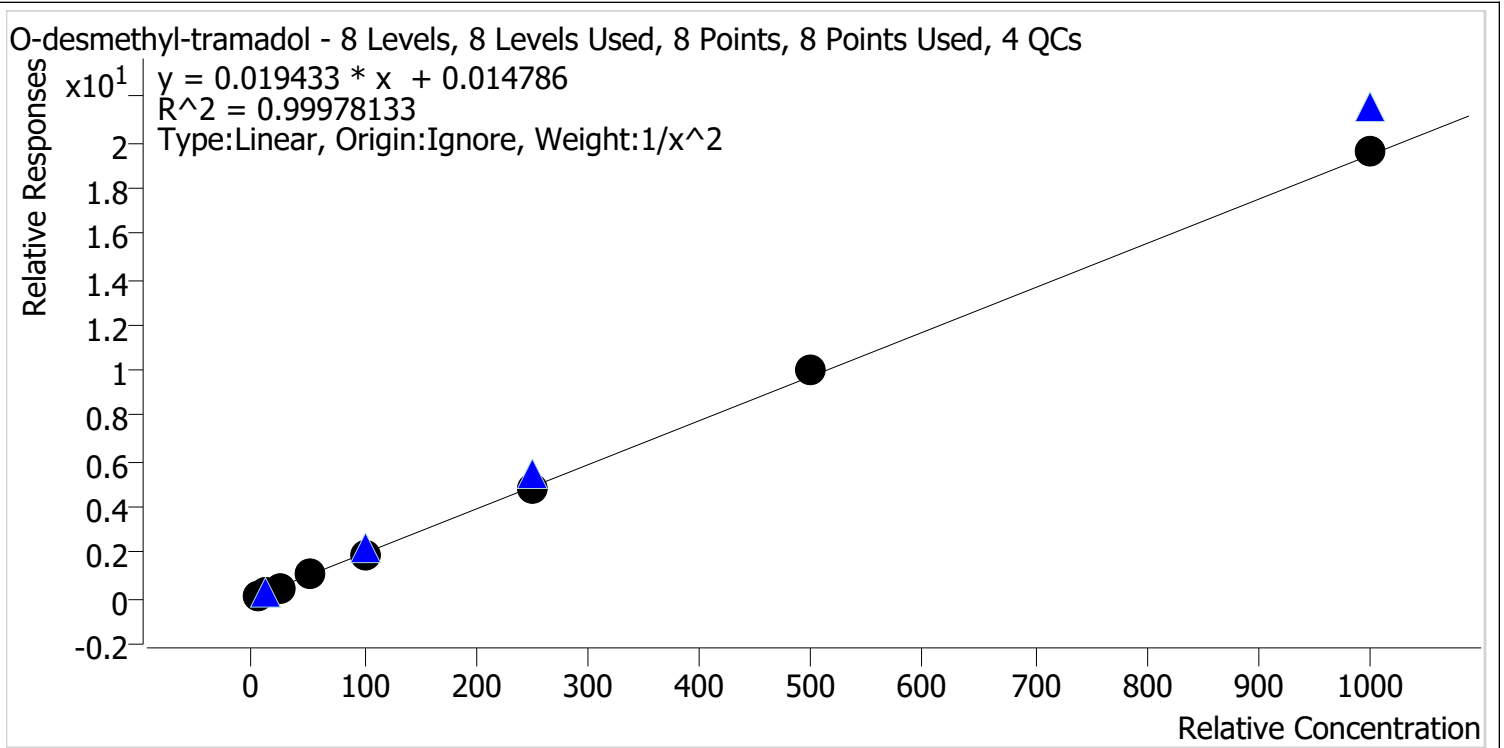


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	25.1	100.6
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	247.9	99.2
cal 7 mdq	7	✓	500.0	515.4	103.1
cal 8 mdq	8	✓	1000.0	964.9	96.5

Compound Calibration Report

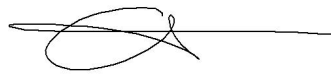


Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



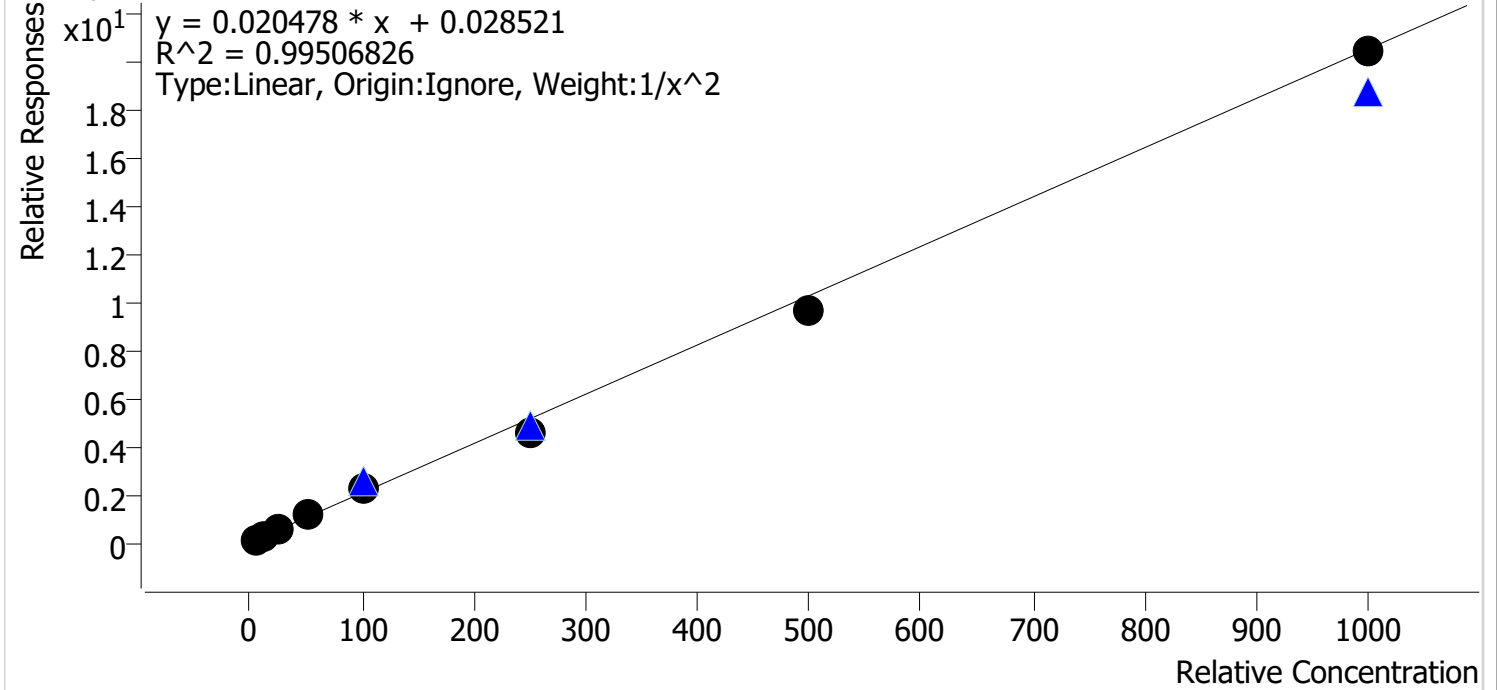
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	49.9	99.9
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	248.9	99.6
cal 7 mdq	7	✓	500.0	510.9	102.2
cal 8 mdq	8	✓	1000.0	1007.5	100.8

Compound Calibration Report



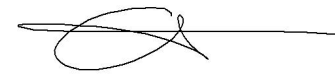
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



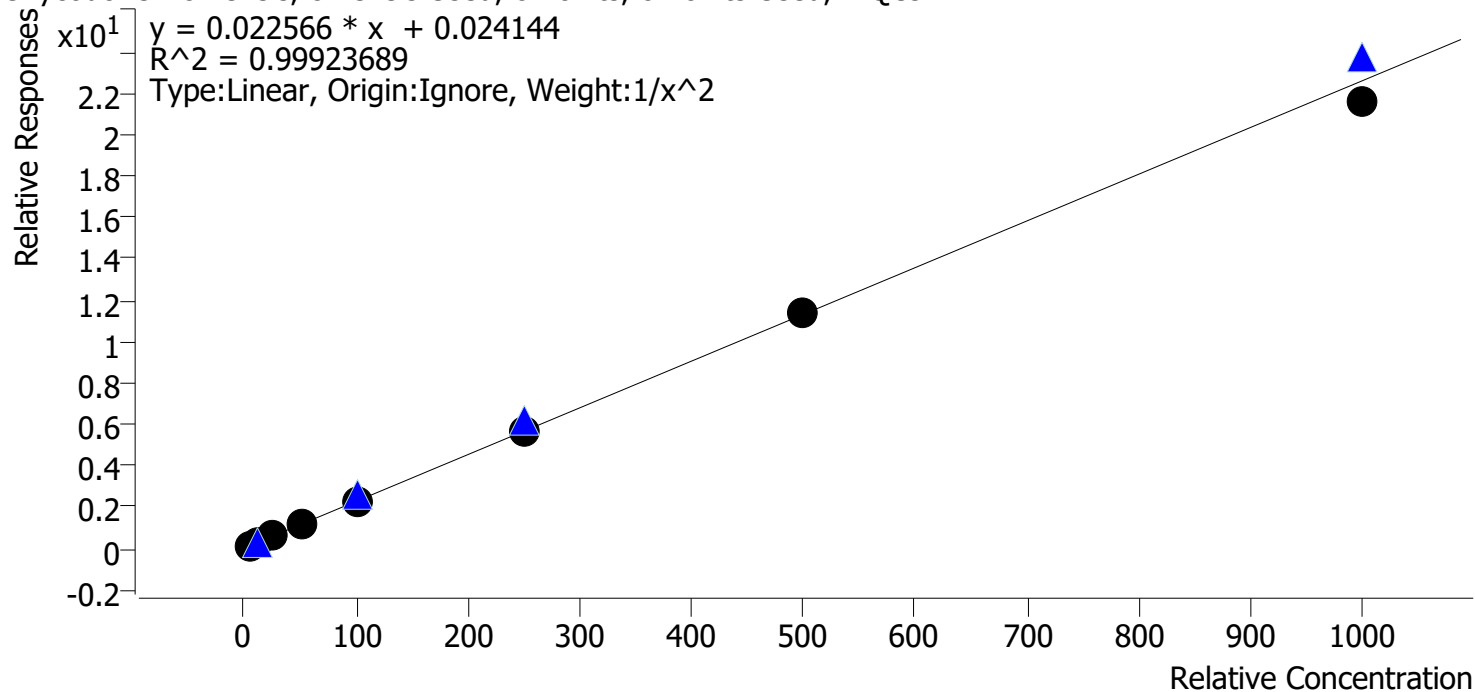
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.7
cal 2 mdq	2	✓	10.0	10.4	104.2
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	54.0	108.0
cal 5 mdq	5	✓	100.0	105.5	105.5
cal 6 mdq	6	✓	250.0	224.3	89.7
cal 7 mdq	7	✓	500.0	473.0	94.6
cal 8 mdq	8	✓	1000.0	994.9	99.5

Compound Calibration Report



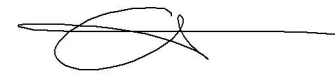
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



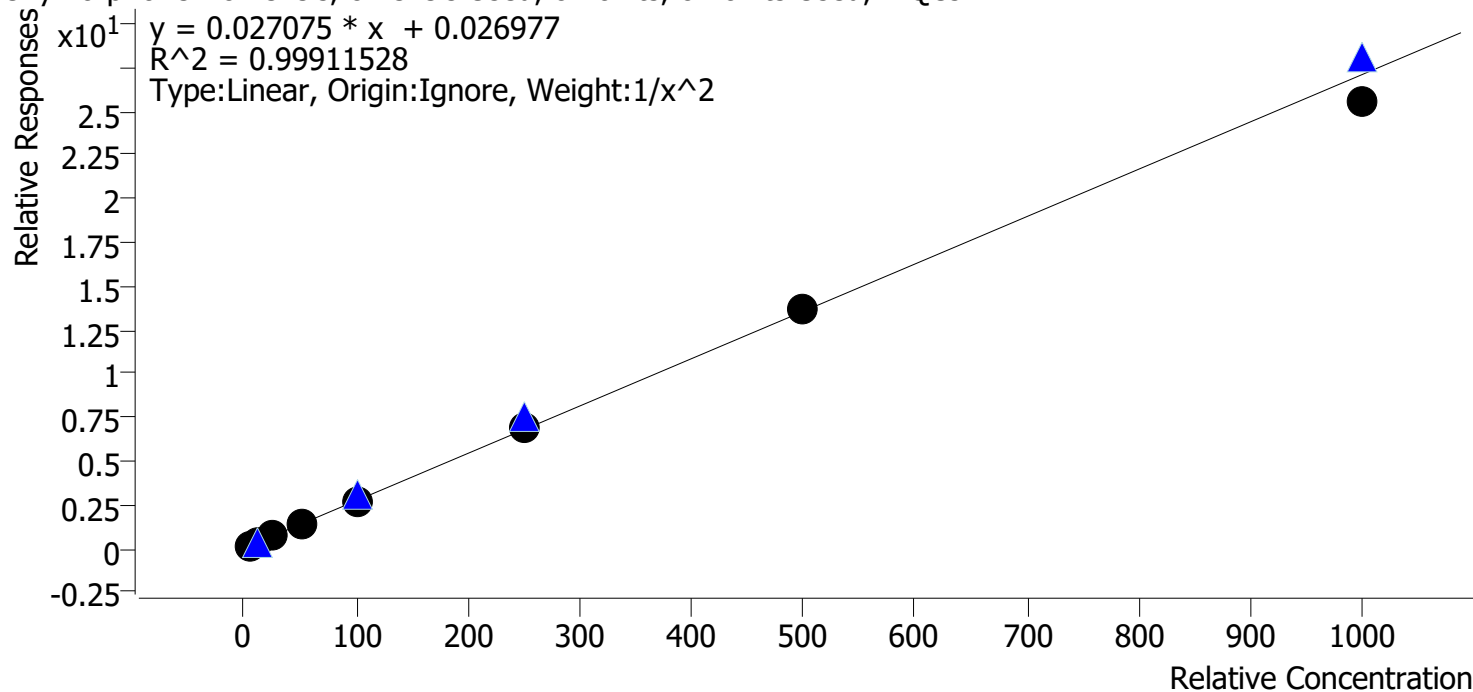
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.0
cal 2 mdq	2	✓	10.0	10.3	103.2
cal 3 mdq	3	✓	25.0	25.1	100.6
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	247.9	99.2
cal 7 mdq	7	✓	500.0	500.4	100.1
cal 8 mdq	8	✓	1000.0	957.6	95.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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

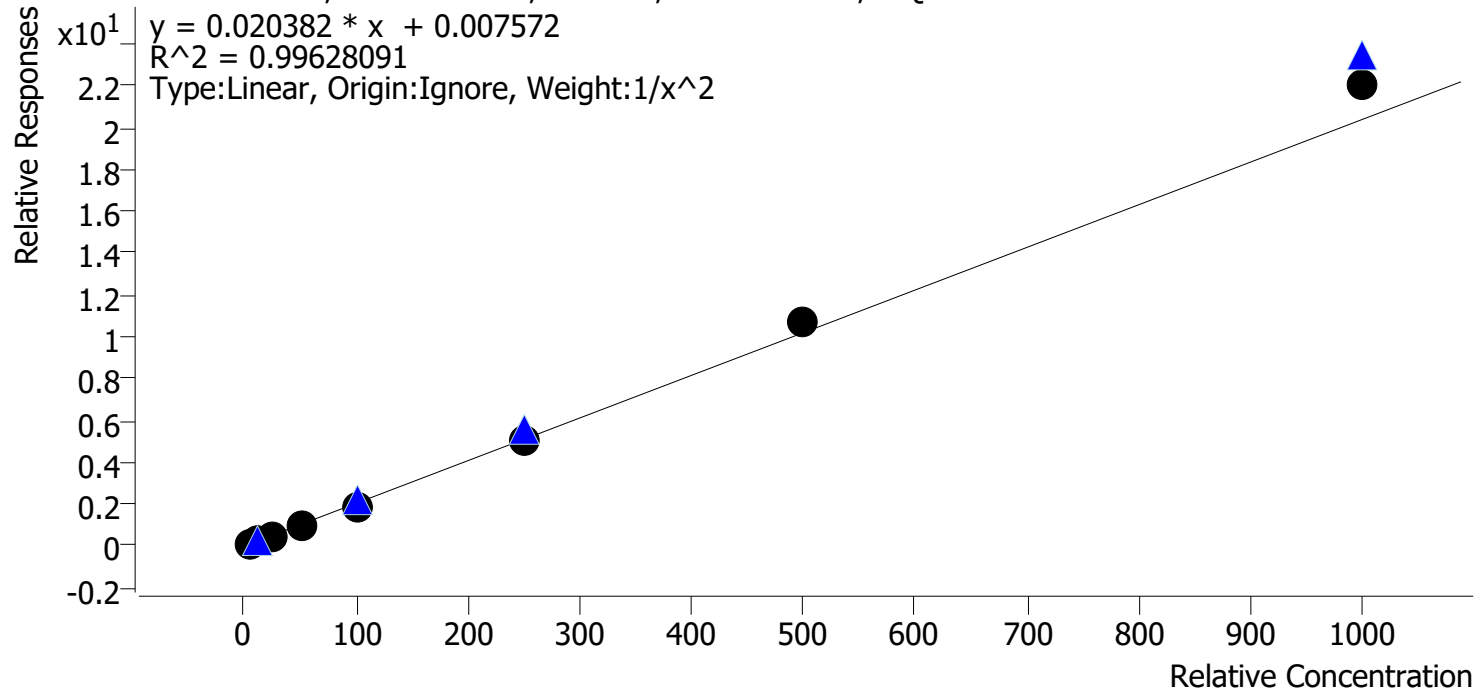


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	253.8	101.5
cal 7 mdq	7	✓	500.0	503.7	100.7
cal 8 mdq	8	✓	1000.0	939.4	93.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



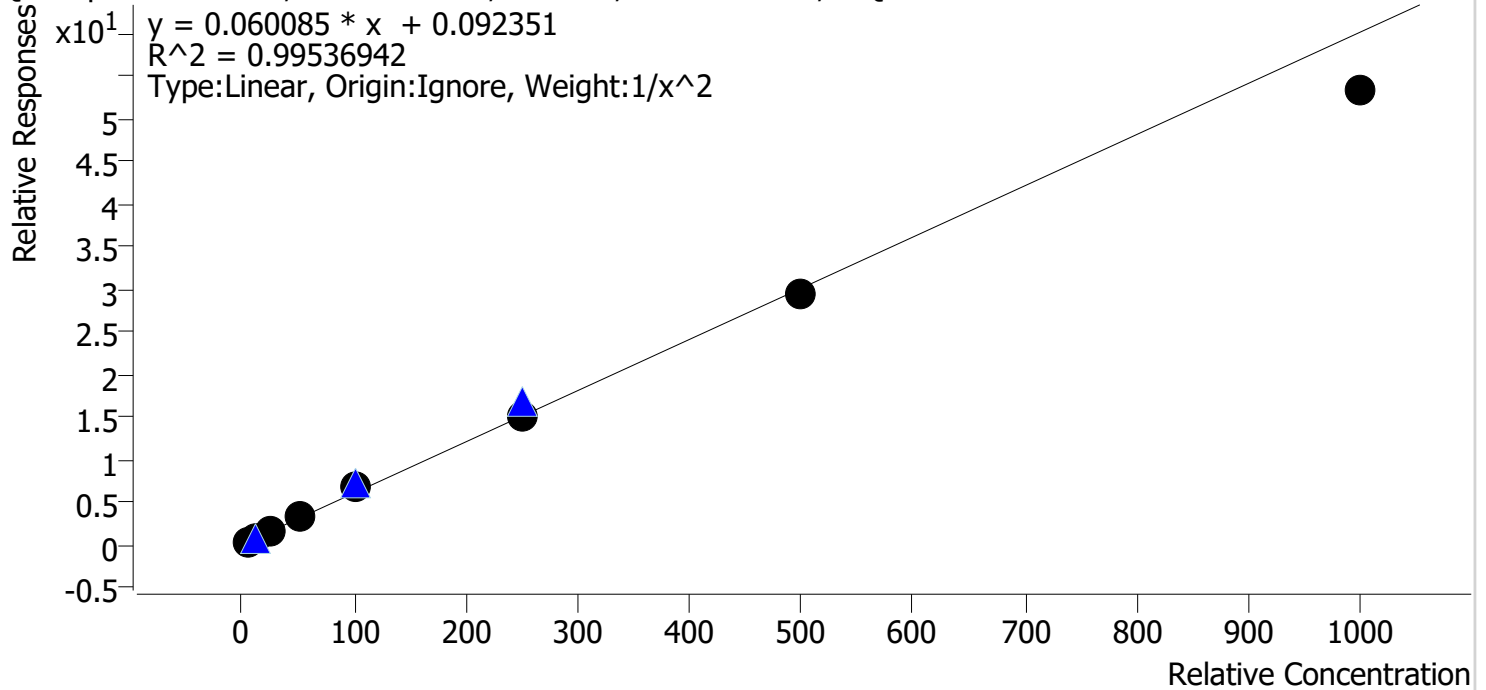
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.6
cal 2 mdq	2	✓	10.0	9.5	95.4
cal 3 mdq	3	✓	25.0	23.9	95.7
cal 4 mdq	4	✓	50.0	48.5	97.0
cal 5 mdq	5	✓	100.0	93.9	93.9
cal 6 mdq	6	✓	250.0	251.4	100.5
cal 7 mdq	7	✓	500.0	529.1	105.8
cal 8 mdq	8	✓	1000.0	1079.8	108.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

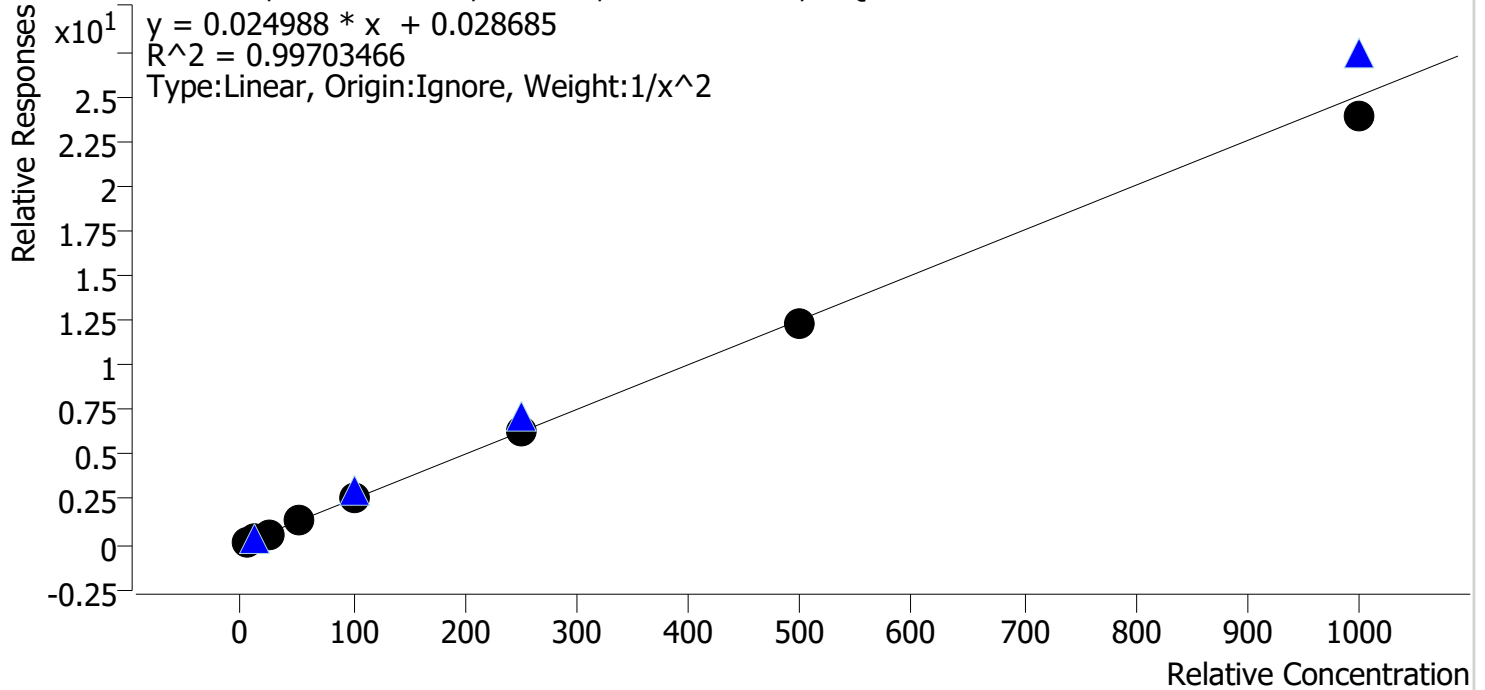


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.2	102.5
cal 3 mdq	3	✓	25.0	25.5	101.8
cal 4 mdq	4	✓	50.0	51.9	103.8
cal 5 mdq	5	✓	100.0	108.8	108.8
cal 6 mdq	6	✓	250.0	246.5	98.6
cal 7 mdq	7	✓	500.0	491.8	98.4
cal 8 mdq	8	✓	1000.0	884.5	88.4

Compound Calibration Report

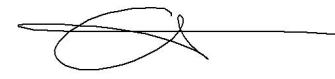
Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



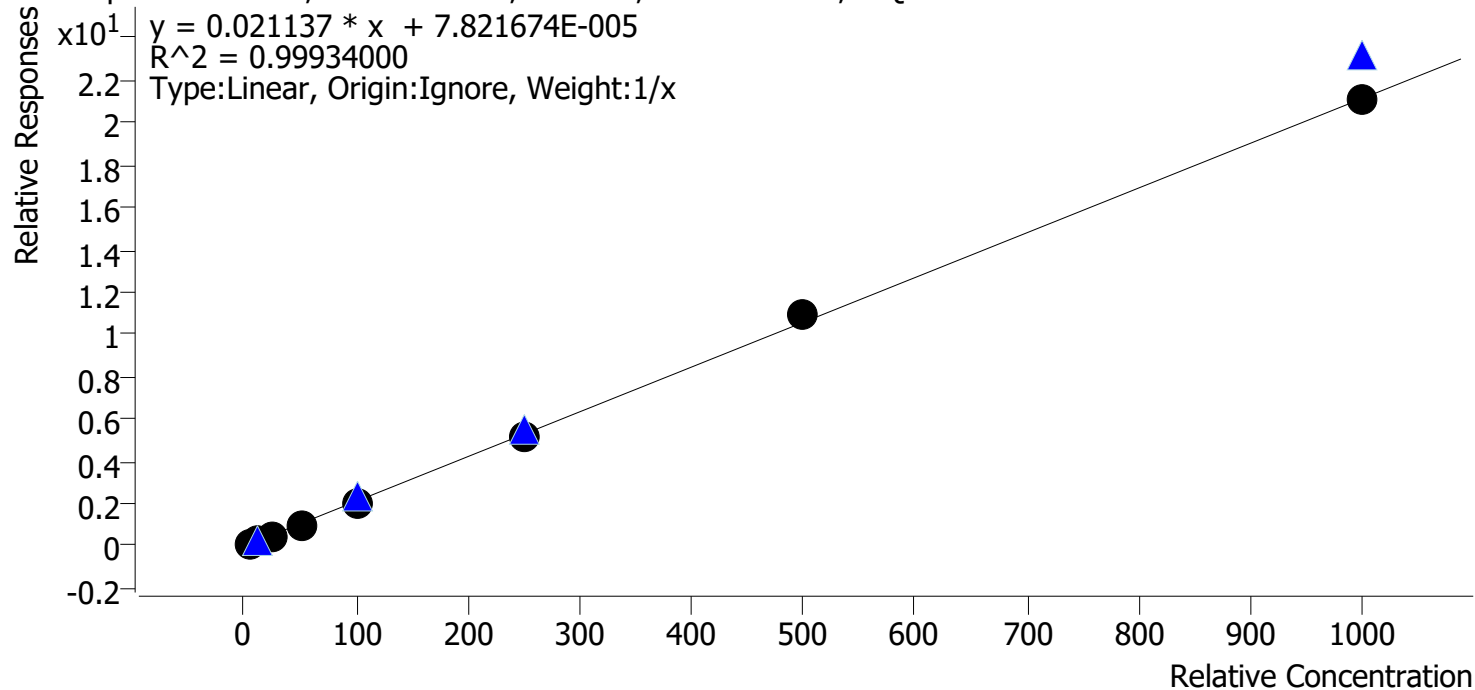
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.5	104.8
cal 3 mdq	3	✓	25.0	23.3	93.2
cal 4 mdq	4	✓	50.0	53.7	107.4
cal 5 mdq	5	✓	100.0	102.2	102.2
cal 6 mdq	6	✓	250.0	250.4	100.2
cal 7 mdq	7	✓	500.0	493.9	98.8
cal 8 mdq	8	✓	1000.0	953.2	95.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



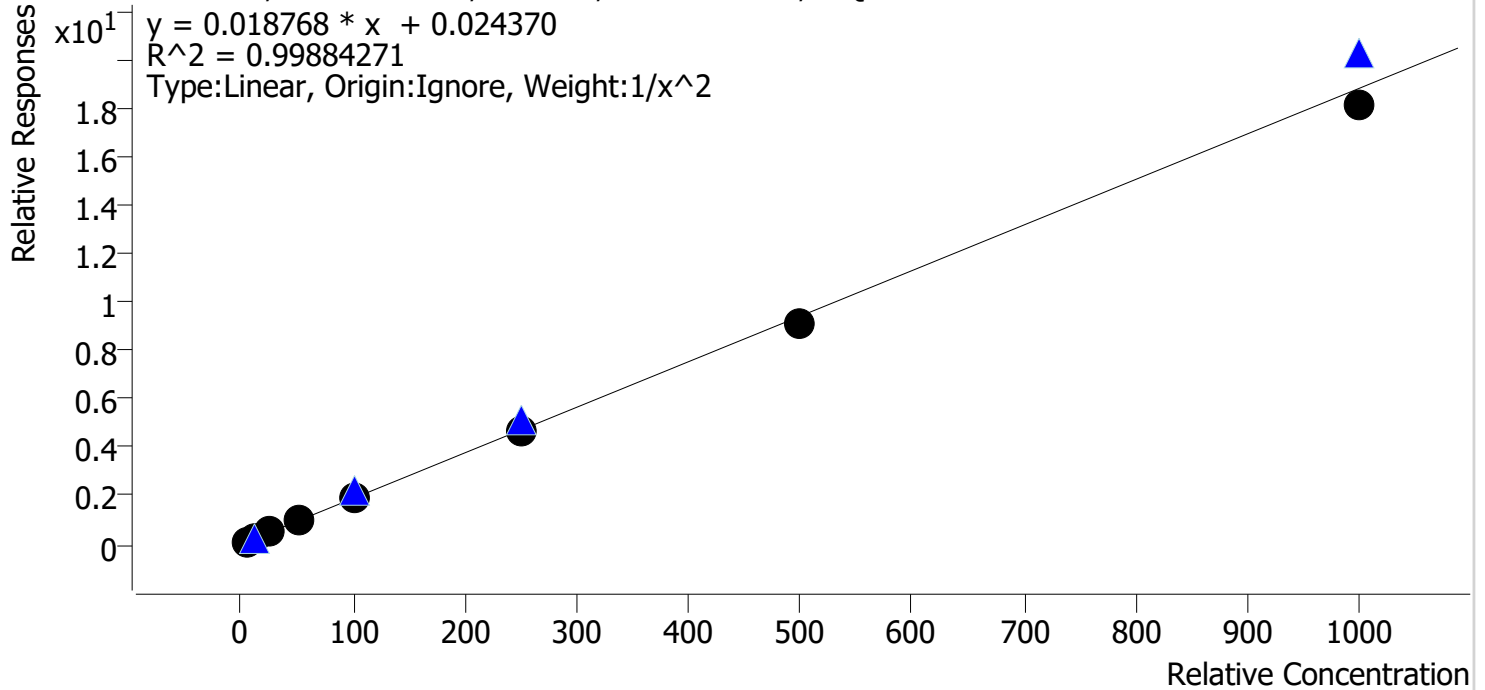
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.1
cal 2 mdq	2	✓	10.0	10.3	103.1
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	48.9	97.7
cal 5 mdq	5	✓	100.0	94.7	94.7
cal 6 mdq	6	✓	250.0	244.4	97.8
cal 7 mdq	7	✓	500.0	518.1	103.6
cal 8 mdq	8	✓	1000.0	994.0	99.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 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	98.0
cal 2 mdq	2	✓	10.0	10.2	102.4
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	50.9	101.9
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	481.5	96.3
cal 8 mdq	8	✓	1000.0	966.1	96.6

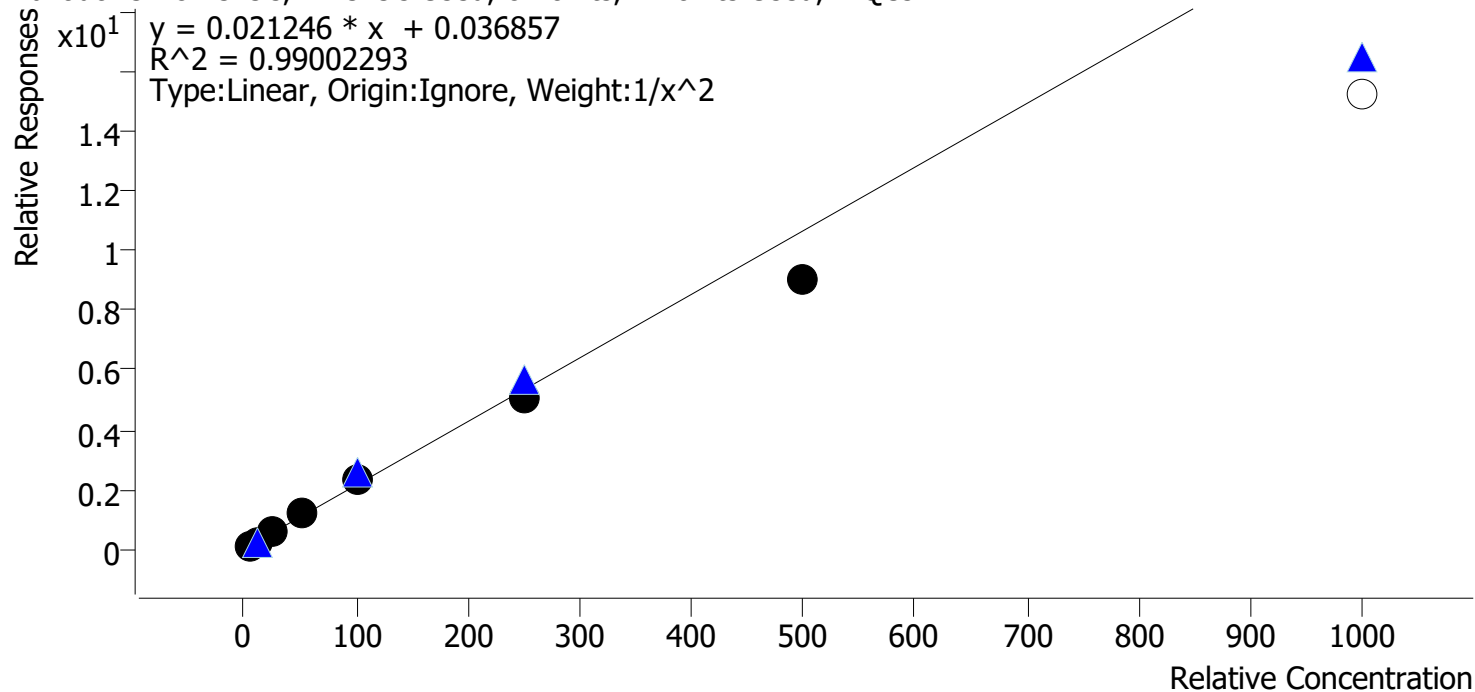
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

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



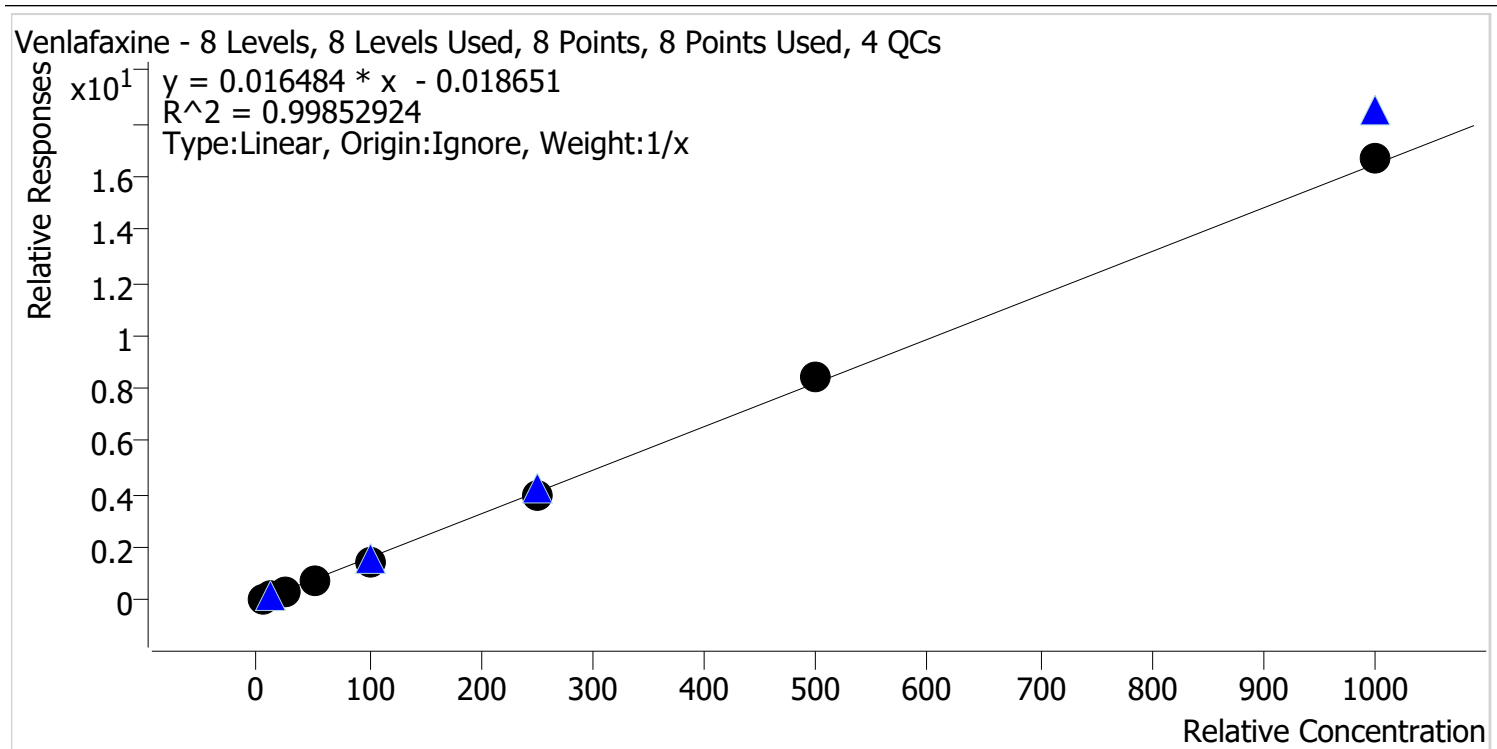
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.7
cal 2 mdq	2	✓	10.0	10.4	104.5
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	53.9	107.7
cal 5 mdq	5	✓	100.0	106.5	106.5
cal 6 mdq	6	✓	250.0	235.5	94.2
cal 7 mdq	7	✓	500.0	426.0	85.2
cal 8 mdq	8	x	1000.0	714.6	71.5

dropped cal 8 accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



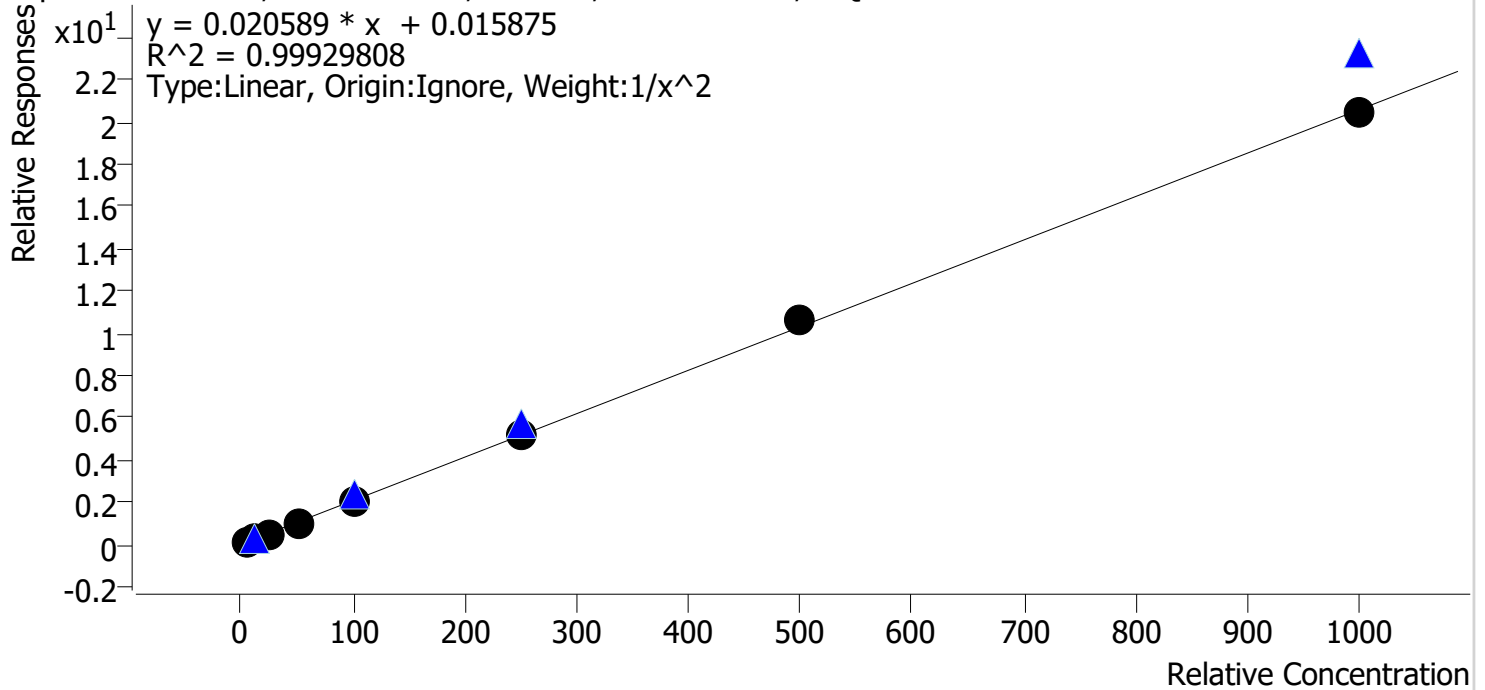
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	6.1	121.8
cal 2 mdq	2	✓	10.0	10.4	104.1
cal 3 mdq	3	✓	25.0	23.2	92.8
cal 4 mdq	4	✓	50.0	45.7	91.3
cal 5 mdq	5	✓	100.0	90.1	90.1
cal 6 mdq	6	✓	250.0	240.1	96.0
cal 7 mdq	7	✓	500.0	513.4	102.7
cal 8 mdq	8	✓	1000.0	1011.0	101.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



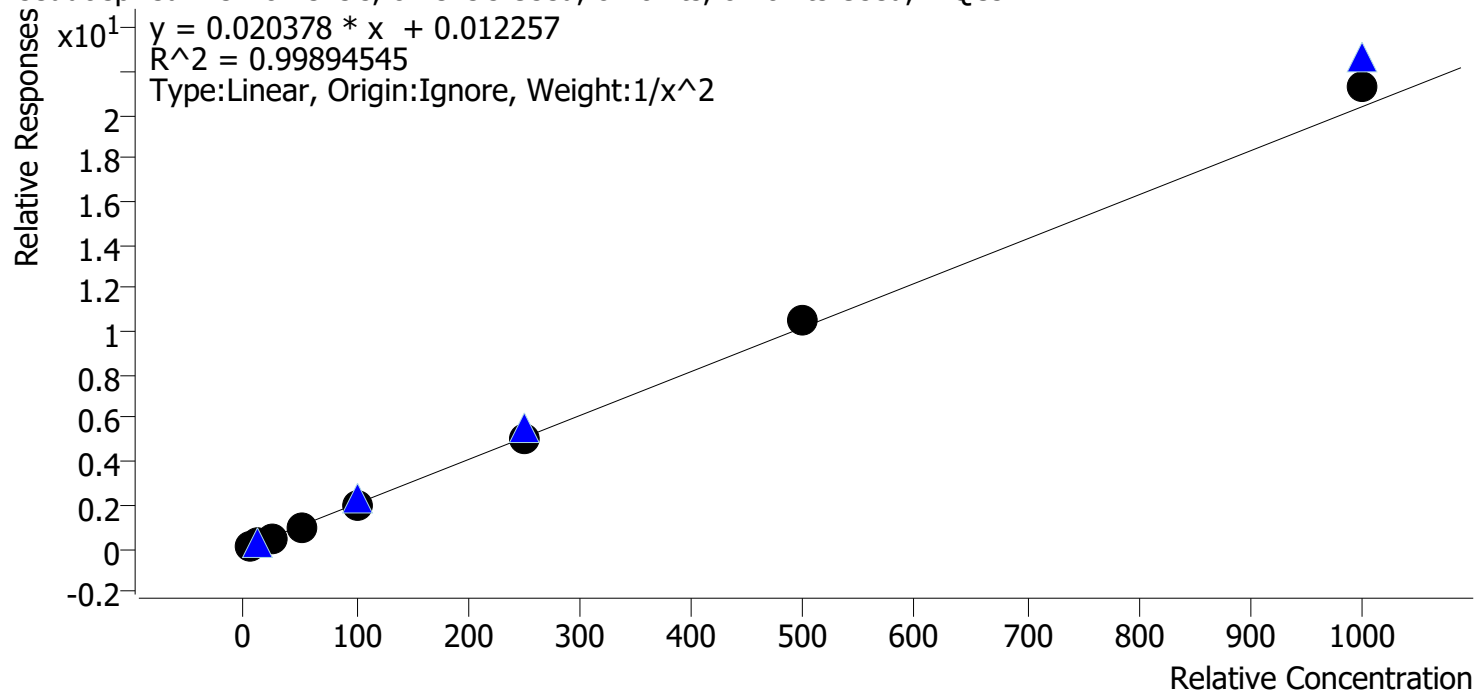
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.9	99.3
cal 3 mdq	3	✓	25.0	24.1	96.5
cal 4 mdq	4	✓	50.0	50.5	101.1
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	252.4	101.0
cal 7 mdq	7	✓	500.0	519.8	104.0
cal 8 mdq	8	✓	1000.0	994.9	99.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



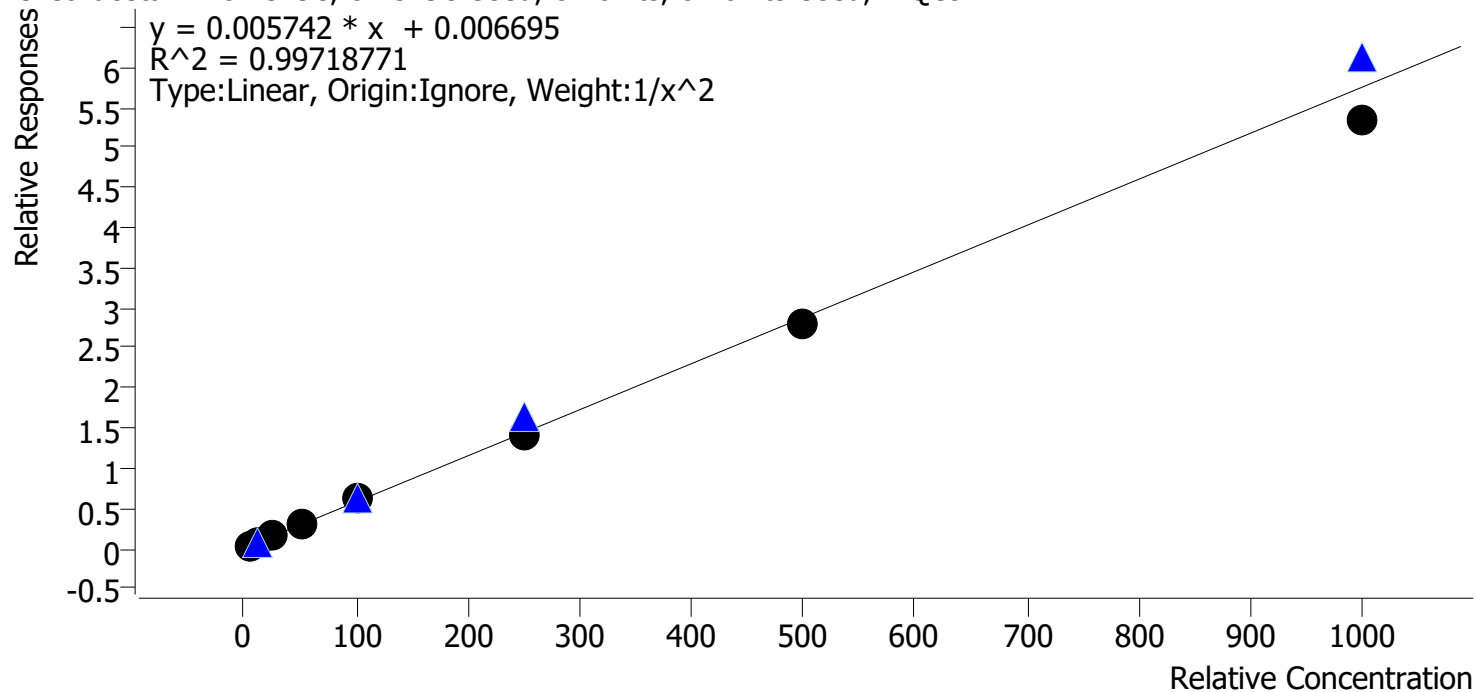
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.5
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	249.1	99.7
cal 7 mdq	7	✓	500.0	516.7	103.3
cal 8 mdq	8	✓	1000.0	1044.8	104.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Phentermine-D5

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



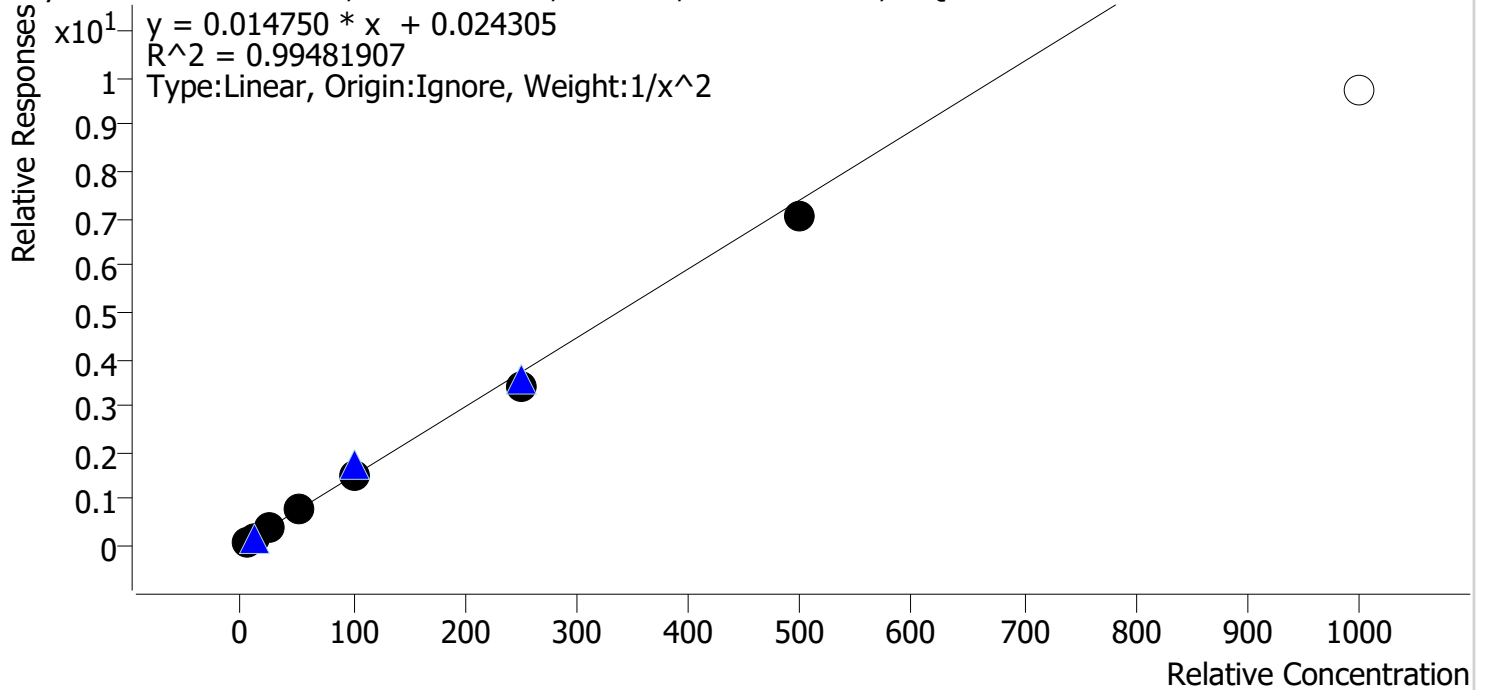
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.6	105.7
cal 3 mdq	3	✓	25.0	25.5	102.2
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	105.2	105.2
cal 6 mdq	6	✓	250.0	243.9	97.6
cal 7 mdq	7	✓	500.0	486.8	97.4
cal 8 mdq	8	✓	1000.0	929.2	92.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\120721\QuantResults\mdq.batch.bin
Last Cal. Update 12/8/2021 10:36 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	94.9
cal 2 mdq	2	✓	10.0	10.7	107.5
cal 3 mdq	3	✓	25.0	26.3	105.0
cal 4 mdq	4	✓	50.0	52.9	105.8
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	231.1	92.4
cal 7 mdq	7	✓	500.0	474.9	95.0
cal 8 mdq	8	x	1000.0	657.7	65.8

dropped cal 8 accuracy