

7/29/2021

Worklist: 5135

REVIEWED
By Britany Wylie at 12:25 pm, Jul 29, 2021

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-1520	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1552	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1571	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1583	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1584	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1620	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1651	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1662	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1663	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1671	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1700	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1701	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date 7/28/21 Analyst: Anne Nord
Plate lot#: 201207 (part IDP-121) Plate Expiration: 12/10/21
210610 ★ 11-3-21

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

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

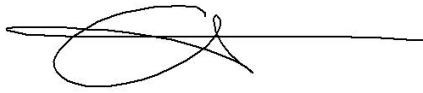
- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary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

Curve limits:

alpha-hydroxyalprazolam 5-500, amphetamine 5-500, benzoylecgonine 10-1000, buprenorphine 2.5-100, codeine 5-500, dihydrocodeine 5-500, norbuprenorphine 2.5-100, norfentanyl .5-50, trazodone 5-500

alpha-hydroxyalprazolam qualitative only (using surrogate internal standard) quetiapine qualitative only (control accuracy)



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	1620-1	1583-1	IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2		1701-1	IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	qc3		1520-1	IS + Cal. 3	IS + QC_3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	1662-1	1663-1	IS + Cal. 4	IS + QC_4					qc2 urine	IS + Cal. 5
E	IS + Cal. 5	Qc 2 urine	1651-1		IS + Cal. 5	qc2 urine					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	negative blood	1700-3		IS + Cal. 6						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	1571-1	1671-1		IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	1552-1	1584-1		IS + Cal. 8						IS + QC_1	IS + Cal. 1

Run blanks before

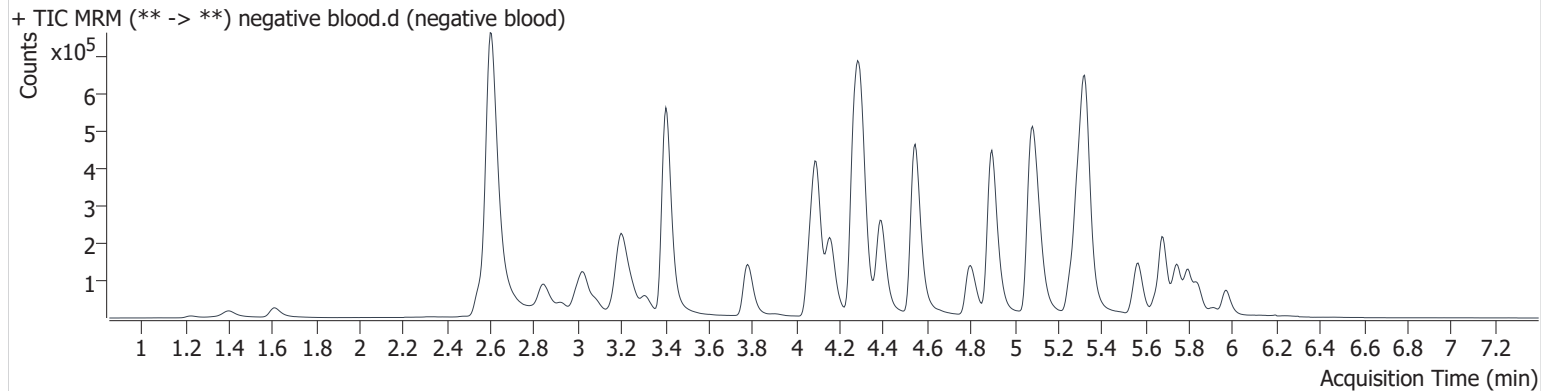
c2021-__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	7/28/2021 2:56:07 PM		
Sample Info.			

Sample Chromatogram

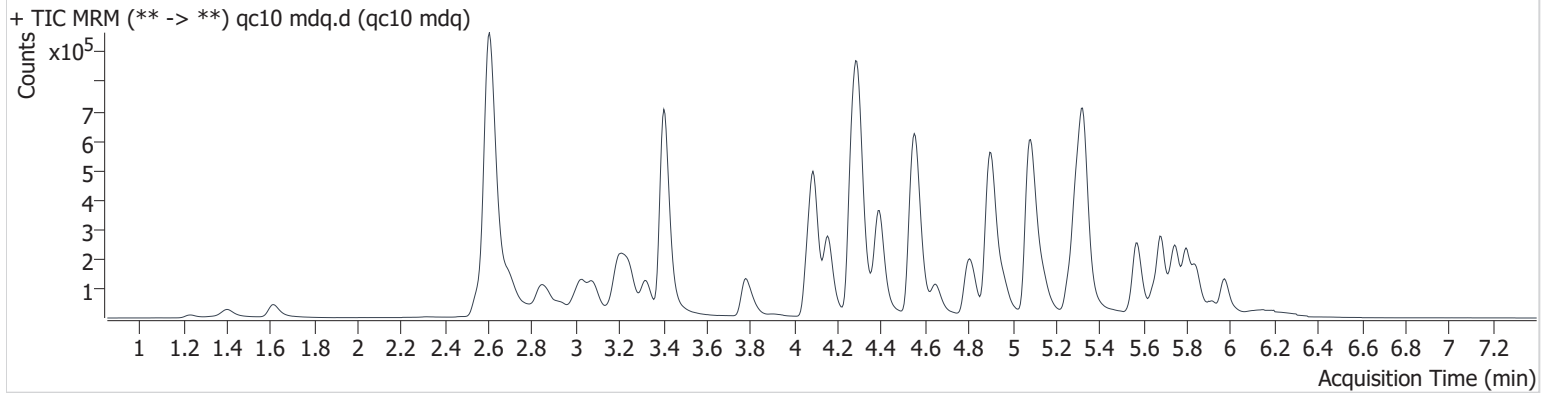


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A2	Comment	
Injection Volume	3		
Acq. Date-Time	7/28/2021 2:20:00 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	3130	192726.2	142.8	∞	79336	1.004 ng/ml
7-aminoclonazepam	4.313	28905	1823.8	75.8	3135.2	148723	10.542 ng/ml
a-hydroxyalprazolam	5.733	4101	121.6	54.2	848.0	12796	11.327 ng/ml
alpha-PHP	4.966	135291	176340.8	41.6	∞	518723	10.813 ng/ml
alpha-PVP	4.397	196138	6801.6	54.3	6368.1	750159	10.294 ng/ml
Alprazolam	5.801	82850	1550206983 1647.2	92.2	1794.6	252185	10.600 ng/ml
Amphetamine	3.083	147858	3479.1	41.9	1559.2	215258	10.754 ng/ml
Benzoylcegonine	3.936	3599	23576.0	57.8	595.8	11850	9.652 ng/ml
Buprenorphine	5.762	1313	1581.2	20.7 High	190.5	46534	0.932 ng/ml ocr
Bupropion	4.821	137689	8093.6	65.6	2161.7	518723	10.640 ng/ml
Carisoprodol	5.757	62597	100690.9	55.9	561.8	237652	10.644 ng/ml
Citalopram	5.264	76720	2877.8	42.2	∞	312958	10.224 ng/ml
Clonazepam	5.650	7893	818.8	34.7	656.8	12796	11.325 ng/ml
Clonazolam	5.596	16466	344031.7	42.3	∞	12796	10.497 ng/ml
Cocaine	4.296	154462	13675.7	50.9	∞	1141076	10.789 ng/ml
Codeine	2.613	20293	2912.3	92.4	2270.0	85236	10.804 ng/ml
Cyclobenzaprine	5.652	51523	1106.3	8.0	386.8	161963	10.727 ng/ml
Dextromethorphan	5.302	50308	1554.6	73.9	1135.1	220465	10.953 ng/ml
Dextrorphan	4.159	124577	9636.7	43.6	3210.3	580655	11.107 ng/ml
Diazepam	5.979	48853	1766.3	84.1	5061.6	212223	11.247 ng/ml
Dihydrocodeine	2.587	56556	862.9	59.6	244.7	304284	11.045 ng/ml
Diphenhydramine	5.329	262672	7552.5	31.5	2576.8	1246437	10.362 ng/ml
Doxylamine	4.566	454200	6182.8	83.3	6753.1	1552783	11.154 ng/ml
EDDP	5.296	172621	9545.1	41.3	25756.5	778626	10.987 ng/ml
Etizolam	5.841	49028	105068.1	22.1	∞	252185	10.575 ng/ml
Fentanyl	5.133	5776	40432.0	114.9	∞	257433	1.127 ng/ml
Flualprazolam	5.738	34480	1279.3	92.2	∞	252185	11.079 ng/ml
Fluoxetine	5.733	39896	1468.4	6.6	3154.1	138101	10.935 ng/ml
Hydrocodone	3.054	55805	∞	39.5	∞	291919	10.435 ng/ml
Hydromorphone	1.623	37233	∞	69.7	∞	111129	10.991 ng/ml
Ketamine	4.083	146892	19235.7	38.5	985.1	659154	10.576 ng/ml
Lamotrigine	4.324	13126	952.7	89.4	∞	148723	9.732 ng/ml

AM #28 Multi-Drug Quant. Results

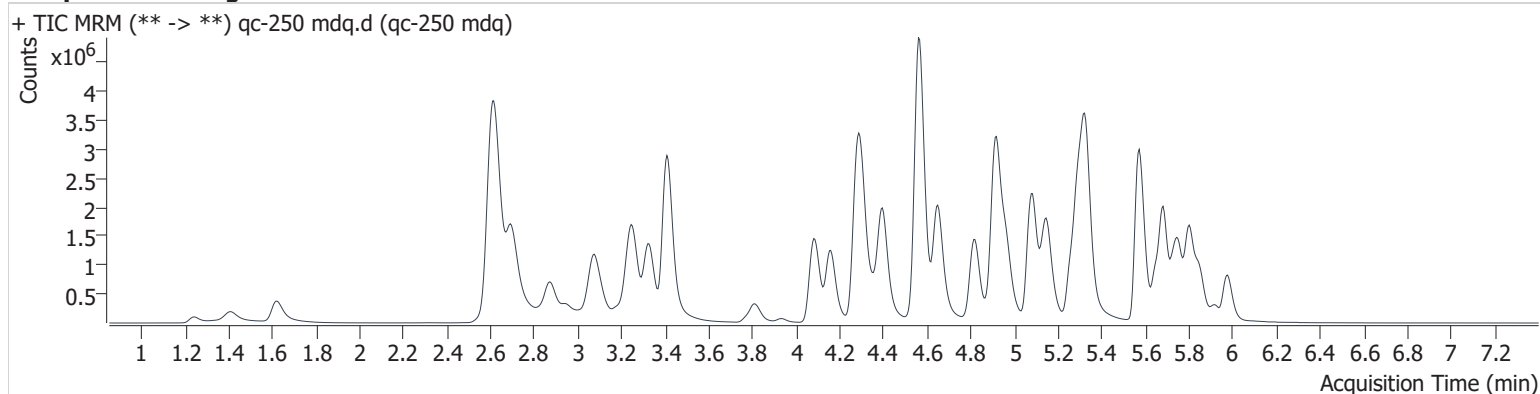
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.697	62671	1854.3	224.0	19689.2	43380	9.194 ng/ml
Lorazepam	5.774	5292	725.3	47.9	1540904867 44.7	25888	10.287 ng/ml
MDA	3.235	120373	2868.1	27.4	3400.2	324696	11.133 ng/ml
MDMA	3.328	133786	3770.1	90.6	7428.1	125696	11.035 ng/ml
Meprobamate	4.956	17119	∞	27.5	∞	50654	11.383 ng/ml
Methadone	5.681	113302	3053.1	53.8	5527.4	469695	10.436 ng/ml
Methamphetamine	3.257	120752	1043.3	41.4	825.3	463665	9.909 ng/ml
Metoprolol	4.360	44857	∞	93.6	∞	324696	12.785 ng/ml
Mirtazapine	4.649	178082	4420.4	50.9	17073.8	3031851	7.546 ng/ml
Mitragynine	5.262	22496	26008.7	37.1	6804.3	257433	10.414 ng/ml
Morphine	1.241	6312	∞	17.7	∞	7609	9.664 ng/ml
Norbuprenorphine	5.045	213	285.0	88.5	290.1	8186	1.897 ng/ml ocr
Nordiazepam	5.922	14464	125192.7	61.9	11542.2	43380	10.740 ng/ml
Norfentanyl	4.119	9660	2749.0	39.6	∞	993897	1.078 ng/ml
Norhydrocodone	3.100	3561	141.8	24.2	63.2	79104	10.075 ng/ml
Noroxycodone	2.946	31980	∞	44.7	∞	101842	10.542 ng/ml
O-desmethyl-tramadol	3.409	398858	∞	6.0	8025742.0	1861074	10.806 ng/ml
Oxazepam	5.787	6269	775.6	66.0	104.1	25888	10.382 ng/ml
Oxycodone	2.868	108218	∞	29.1	∞	389636	10.870 ng/ml
Oxymorphone	1.404	32896	∞	44.7	∞	104021	10.819 ng/ml
Phentermine	3.816	38835	405.5	8.3	240.2	423969	11.274 ng/ml
Promethazine	5.573	70344	2509.0	37.6	1011.5	329844	9.985 ng/ml
Pseudoephedrine	2.615	683322	∞	24.6	3612.0	3031851	10.481 ng/ml
Quetiapine	5.570	128734	5349.8	62.3	∞	162287	11.142 ng/ml
Sertraline	5.801	16206	22066.4	97.8	2130.4	58633	10.618 ng/ml
Temazepam	5.849	51134	2275.1	28.9	98.2	211103	11.254 ng/ml
Tramadol	4.282	371841	6866.8	3.5	918.7	1648717	10.959 ng/ml
Trazodone	5.149	96309	3352.8	82.7	1456.9	303433	10.995 ng/ml
Venlafaxine	5.078	257057	7828.6	36.8	1295.6	1459172	10.508 ng/ml
Zolpidem	4.917	372314	8388.1	29.0	6744.9	1551537	11.037 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C2	Comment	
Injection Volume	3		
Acq. Date-Time	7/28/2021 2:29:02 PM		

Sample Chromatogram

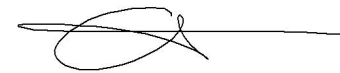


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	68387	∞	134.9	∞	64433	28.137 ng/ml
7-aminoclonazepam	4.313	369668	25601.5	78.5	28997.3	82481	262.939 ng/ml
a-hydroxyalprazolam	5.727	67042	3530.0	54.5	500.0	12446	232.354 ng/ml
alpha-PHP	4.966	2126585	427086.5	40.1	2136285.7	430007	255.831 ng/ml
alpha-PVP	4.397	3429930	227376.1	52.5	121661.5	533889	270.181 ng/ml
Alprazolam	5.806	1536472	7190.8	90.5	∞	189803	277.321 ng/ml
Amphetamine	3.083	2504640	∞	40.7	203443.8	197163	241.653 ng/ml
Benzoylcegonine	3.931	100530	632647.6	53.9	1925.7	13075	281.418 ng/ml
Buprenorphine	5.762	20679	18753.9	16.8	1967.5	31868	25.895 ng/ml
Bupropion	4.821	2676770	7928766.3	66.5	182710.2	430007	269.817 ng/ml
Carisoprodol	5.757	1016076	32439563.3	56.7	20237.8	151105	287.130 ng/ml
Citalopram	5.258	1662552	86493.4	40.4	45739.3	272235	275.459 ng/ml
Clonazepam	5.650	190189	30894.5	33.5	35380.5	12446	297.501 ng/ml
Clonazepam	5.596	360805	40326.6	41.0	∞	12446	267.506 ng/ml
Cocaine	4.296	2593428	214247.6	50.7	92399.4	816954	270.977 ng/ml
Codeine	2.618	280496	4665026.0	91.1	13487.5	58725	260.412 ng/ml
Cyclobenzaprine	5.652	1676290	∞	9.3	∞	223600	270.503 ng/ml
Dextromethorphan	5.302	1001379	179403.2	74.2	520227.7	183440	277.793 ng/ml
Dextrophan	4.159	2334460	212580.8	44.7	147453.6	459201	281.442 ng/ml
Diazepam	5.979	1158512	∞	86.2	23234.9	212261	277.094 ng/ml
Dihydrocodeine	2.582	906907	5688.7	61.6	5068.1	255562	252.150 ng/ml
Diphenhydramine	5.329	5359965	229552.9	30.3	58516.6	993913	273.427 ng/ml
Doxylamine	4.566	8598144	335304.5	83.4	274157.3	1279664	273.284 ng/ml
EDDP	5.296	3424173	202488.8	42.3	7285117.1	669755	270.970 ng/ml
Etizolam	5.841	902568	32657.5	24.4	∞	189803	277.473 ng/ml
Fentanyl	5.128	149976	∞	127.9	557152.8	291038	27.146 ng/ml
Flualprazolam	5.738	625206	∞	93.1	∞	189803	278.922 ng/ml
Fluoxetine	5.733	1152679	2948469595 22655.0	7.7	108914.6	172542	268.848 ng/ml
Hydrocodone	3.054	1167773	∞	36.2	∞	250714	273.449 ng/ml
Hydromorphone	1.623	889580	∞	73.9	∞	105970	287.638 ng/ml
Ketamine	4.083	2777113	9332766.9	38.3	77365.5	543850	273.208 ng/ml
Lamotrigine	4.324	211680	∞	87.2	5180469.3	82481	275.966 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.697	1352888	53565.6	224.1	304110.9	45128	207.822 ng/ml
Lorazepam	5.780	98908	10188.5	43.5	818.6	20714	281.461 ng/ml
MDA	3.230	1781934	352098.1	26.8	∞	218418	276.777 ng/ml
MDMA	3.328	2313254	208370.1	91.2	135516.0	94572	271.195 ng/ml
Meprobamate	4.961	299944	616720.4	30.2	∞	37988	282.846 ng/ml
Methadone	5.681	2836371	117617.4	53.8	∞	467075	275.939 ng/ml
Methamphetamine	3.257	2173245	29033.8	39.3	17180.9	374553	294.084 ng/ml
Metoprolol	4.360	615143	83024.8	97.8	∞	218418	284.846 ng/ml
Mirtazapine	4.649	4080091	207446.9	48.5	∞	2105333	241.731 ng/ml
Mitragynine	5.262	643358	536928.6	33.7	321832.8	291038	303.925 ng/ml
Morphine	1.241	145864	∞	17.4	∞	6378	296.666 ng/ml
Norbuprenorphine	5.034	3443	12947.2	88.4	11848.0	7147	29.224 ng/ml
Nordiazepam	5.922	347692	∞	61.0	∞	45128	260.758 ng/ml
Norfentanyl	4.119	177757	∞	39.0	∞	728088	28.043 ng/ml
Norhydrocodone	3.106	88162	5643.4	29.4	694.0	68085	298.542 ng/ml
Noroxycodone	2.951	625419	∞	44.4	∞	80297	276.946 ng/ml
O-desmethyl-tramadol	3.409	7852352	844439.4	5.9	45391.9	1522487	273.445 ng/ml
Oxazepam	5.781	120933	7178.0	74.8	9037.6	20714	266.419 ng/ml
Oxycodone	2.868	2214444	∞	29.4	∞	344430	271.470 ng/ml
Oxymorphone	1.409	690834	∞	44.3	∞	92872	277.822 ng/ml
Phentermine	3.816	645161	20068.7	7.4	∞	327958	280.305 ng/ml
Promethazine	5.573	2404001	1435288.8	37.3	921691.2	436222	272.128 ng/ml
Pseudoephedrine	2.615	11805374	148265.8	24.2	∞	2105333	272.297 ng/ml
Quetiapine	5.571	3191102	1328185.6	62.8	7556648.8	187573	280.402 ng/ml
Sertraline	5.801	533554	∞	96.9	1564301.0	75705	282.600 ng/ml
Temazepam	5.854	871085	46658.4	28.9	10742.8	149672	278.678 ng/ml
Tramadol	4.277	6185191	285170.0	3.4	8333.2	1176876	281.458 ng/ml
Trazodone	5.149	2800377	210008.5	81.8	82800.3	350652	277.638 ng/ml
Venlafaxine	5.078	4523039	179097.7	38.0	122868.6	1052232	266.448 ng/ml
Zolpidem	4.917	7686612	281783.1	29.3	100045.9	1437741	271.290 ng/ml

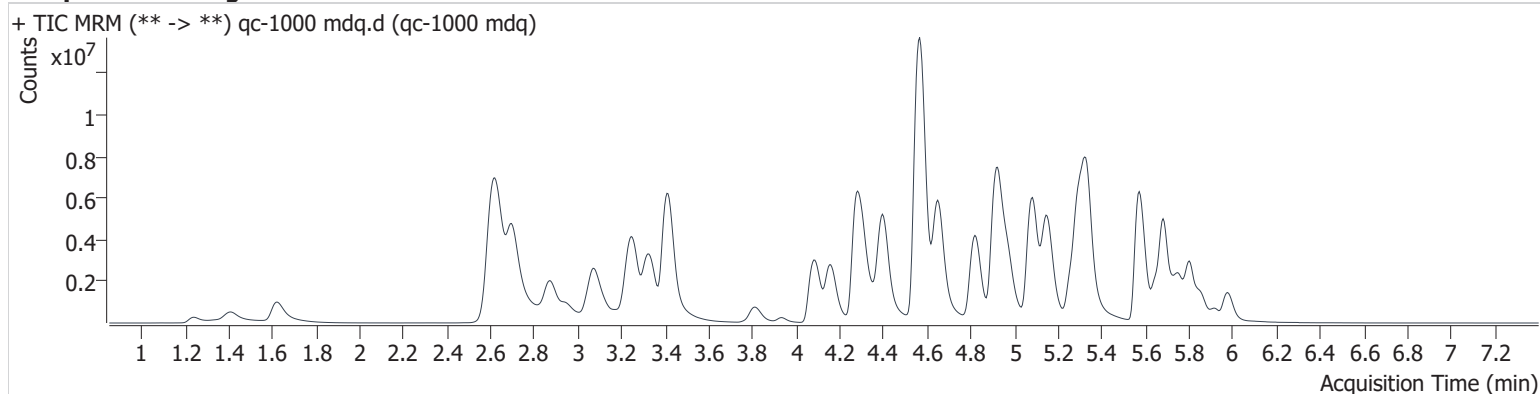
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D2	Comment	
Injection Volume	3		
Acq. Date-Time	7/28/2021 2:38:03 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	196857	∞	136.3	42409.6	47047	111.053 ng/ml
7-aminoclonazepam	4.323	425021	29270.4	79.4	92084.3	21174	1180.735 ng/ml
a-hydroxyalprazolam	5.727	154899	2161.7	57.1	939.5	8219	819.587 ng/ml ocr
alpha-PHP	4.971	6544995	∞	39.5	∞	368923	925.056 ng/ml
alpha-PVP	4.397	11190092	1740181.5	52.0	479901.2	414371	1138.047 ng/ml
Alprazolam	5.806	2925509	∞	90.7	4989.8	93064	1078.882 ng/ml
Amphetamine	3.089	5624725	∞	40.9	291985.1	147434	730.629 ng/ml ocr
Benzoylcegonine	3.931	363323	∞	53.6	11582.2	11012	1212.644 ng/ml
Buprenorphine	5.762	28045	10896.8	15.1	417.1	10237	109.977 ng/ml
Bupropion	4.823	9060971	∞	63.3	159477.2	368923	1067.226 ng/ml
Carisoprodol	5.762	1752088	3129246.9	57.2	323733.3	65127	1150.627 ng/ml
Citalopram	5.258	3714357	152823.2	41.7	∞	141435	1187.414 ng/ml
Clonazepam	5.650	442429	203968.8	33.3	35461.3	8219	1049.781 ng/ml
Clonazepam	5.602	866838	∞	39.6	∞	8219	977.014 ng/ml
Cocaine	4.302	6270855	∞	49.2	224153.3	466483	1150.070 ng/ml
Codeine	2.618	574812	∞	99.1	∞	37151	848.695 ng/ml ocr
Cyclobenzaprine	5.652	3681759	538405.6	8.7	2356114.3	121008	1100.234 ng/ml
Dextromethorphan	5.307	2049574	94210.6	75.6	177155.3	99645	1048.611 ng/ml
Dextrorphan	4.161	6371020	7873400.8	43.6	55636593.8	306557	1153.027 ng/ml
Diazepam	5.979	2422155	∞	86.0	∞	112132	1098.018 ng/ml
Dihydrocodeine	2.577	2264581	16853.6	61.0	1228.6	225773	716.869 ng/ml ocr
Diphenhydramine	5.334	13412856	1319788.6	29.9	59567.9	594311	1145.359 ng/ml
Doxylamine	4.566	28204820	∞	88.3	589582.5	1141627	1006.937 ng/ml
EDDP	5.296	11981286	332866.9	41.3	661377.3	548362	1160.636 ng/ml
Etizolam	5.841	1814204	29975.6	23.9	∞	93064	1139.976 ng/ml
Fentanyl	5.133	390036	∞	132.2	415295.4	177307	116.072 ng/ml
Flualprazolam	5.738	1210272	124193.1	92.5	5638.6	93064	1102.730 ng/ml
Fluoxetine	5.733	1629066	815452.2	7.5	72629.6	61878	1061.602 ng/ml
Hydrocodone	3.054	3477597	∞	40.7	∞	211882	965.642 ng/ml
Hydromorphone	1.623	2858169	∞	74.6	∞	88825	1103.984 ng/ml
Ketamine	4.083	7745498	855444.3	37.5	28482.1	410354	1013.680 ng/ml
Lamotrigine	4.329	271276	26364.4	89.4	598185.4	21174	1376.638 ng/ml
Levetiracetam	2.702	4017509	225191.1	223.3	460568.8	23733	1177.478 ng/ml

AM #28 Multi-Drug Quant. Results

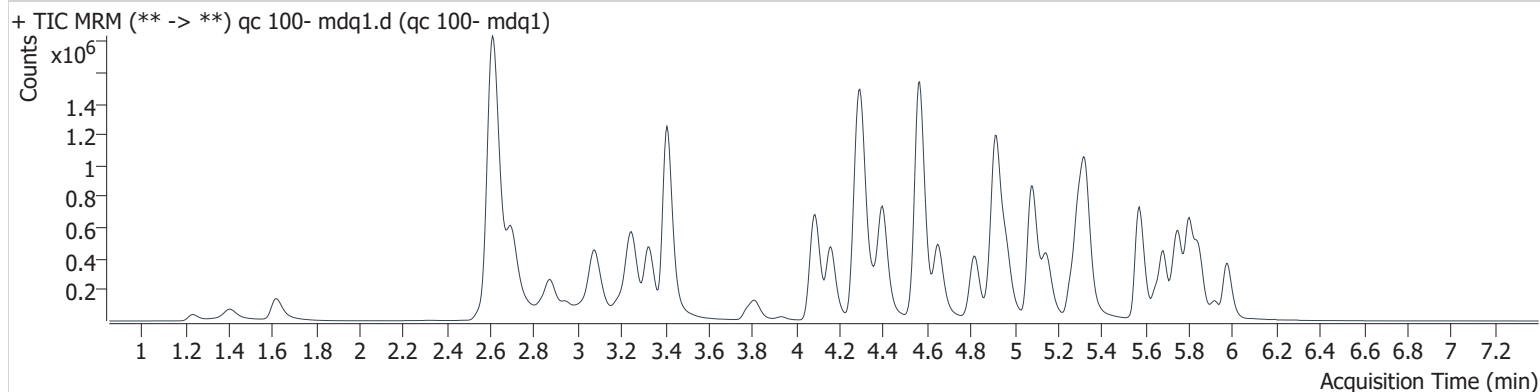
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.774	293911	129214.2	47.6	45887.9	14987	1161.760 ng/ml
MDA	3.230	4051777	∞	27.0	29340.4	147759	933.861 ng/ml
MDMA	3.328	6325039	221128.9	89.8	187677.1	67082	1047.675 ng/ml
Meprobamate	4.967	521102	1125524.0	29.2	6419.8	16189	1155.380 ng/ml
Methadone	5.681	8503005	∞	49.5	209594.2	342897	1128.484 ng/ml
Methamphetamine	3.257	6333669	64495.9	38.4	∞	369761	874.907 ng/ml
Metoprolol	4.360	1265851	131388.4	97.4	∞	147759	869.016 ng/ml
Mirtazapine	4.649	12585550	3392070.1	47.5	1950699.4	1225906	1279.585 ng/ml
Mitragynine	5.262	1414482	66615.1	34.8	2532219.9	177307	1101.166 ng/ml
Morphine	1.241	448575	∞	15.0	∞	4913	1187.678 ng/ml
Norbuprenorphine	5.034	9556	93403.8	96.7	∞	4961	115.844 ng/ml
Nordiazepam	5.922	743860	∞	63.0	∞	23733	1062.518 ng/ml
Norfentanyl	4.119	517481	∞	38.7	1399453689 535270.0	433371	137.314 ng/ml ocr
Norhydrocodone	3.111	227238	∞	33.4	604.1	45544	1151.242 ng/ml
Noroxycodone	2.946	1780604	∞	44.1	∞	60358	1050.761 ng/ml
O-desmethyl-tramadol	3.414	22265858	∞	5.7	677752.8	1059902	1115.557 ng/ml
Oxazepam	5.781	371328	76231.4	72.3	∞	14987	1132.967 ng/ml
Oxycodone	2.871	7458147	∞	29.2	∞	306962	1028.390 ng/ml
Oxymorphone	1.409	2187641	∞	44.1	∞	78563	1042.838 ng/ml
Phentermine	3.816	1868056	∞	6.8	155361.5	293218	911.955 ng/ml
Promethazine	5.573	5552979	1332648.9	35.6	61120.1	251065	1093.867 ng/ml
Pseudoephedrine	2.623	28983153	∞	23.5	∞	1225906	1149.636 ng/ml
Quetiapine	5.565	7896500	∞	61.6	∞	136502	958.337 ng/ml
Sertraline	5.796	639222	∞	95.6	1340074.1	25133	1021.090 ng/ml
Temazepam	5.854	1587561	64138.3	29.8	5033.7	67713	1123.728 ng/ml
Tramadol	4.272	16260202	809411.1	3.2	14511.3	875852	997.191 ng/ml
Trazodone	5.149	8718674	486503.3	80.7	248624.9	207888	1458.184 ng/ml ocr
Venlafaxine	5.083	15886286	915685.9	34.9	75783.5	824319	1196.093 ng/ml
Zolpidem	4.917	20902423	760690.1	28.5	507506.1	1095844	970.954 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument	69679	Data File	qc 100- mdq1.d
Type	QC	Sample	qc 100- mdq1
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E2	Comment	
Injection Volume	3		
Acq. Date-Time	7/28/2021 2:47:05 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	23767	∞	133.9	∞	56375	11.150 ng/ml
7-aminoclonazepam	4.313	188326	9442.0	75.8	∞	104863	104.823 ng/ml
a-hydroxyalprazolam	5.727	27690	2854.6	53.0	4705.9	11584	101.636 ng/ml
alpha-PHP	4.966	615733	194837.2	40.6	∞	273879	114.757 ng/ml
alpha-PVP	4.403	1067248	56594.5	53.7	63995.8	401462	111.372 ng/ml
Alprazolam	5.801	656755	∞	86.8	∞	191153	117.310 ng/ml
Amphetamine	3.083	922304	12650.6	39.1	17654.7	154877	111.983 ng/ml
Benzoylcegonine	3.931	29245	∞	56.2	∞	9132	116.318 ng/ml
Buprenorphine	5.762	5164	4390.0	20.0	3122.4	19158	10.638 ng/ml
Bupropion	4.821	693812	13028774.1	66.3	17123.1	273879	109.267 ng/ml
Carisoprodol	5.757	460123	612134.9	58.1	∞	173536	112.838 ng/ml
Citalopram	5.264	399424	9934.2	39.9	76227.9	161633	110.946 ng/ml
Clonazepam	5.650	69168	∞	32.1	1454.2	11584	115.816 ng/ml
Clonazepam	5.591	139705	140131.2	37.1	∞	11584	110.449 ng/ml
Cocaine	4.302	928256	74490.5	50.6	43564.6	716482	110.117 ng/ml
Codeine	2.618	119741	5659571991 1645.9	92.7	∞	54179	119.265 ng/ml
Cyclobenzaprine	5.652	269588	2084786.5	8.4	99384.5	83942	115.434 ng/ml
Dextromethorphan	5.302	216814	15789.9	76.3	42903.4	96324	114.140 ng/ml
Dextrorphan	4.159	714508	1764675241 47555.0	44.5	31445.6	340301	115.766 ng/ml
Diazepam	5.979	443237	26052.8	86.6	∞	195276	114.967 ng/ml
Dihydrocodeine	2.587	357952	5123.8	60.4	2310.4	215600	116.756 ng/ml
Diphenhydramine	5.329	1234659	28417.6	31.0	119324.4	589462	105.993 ng/ml
Doxylamine	4.566	2507640	163440.6	82.9	14669.7	905043	112.237 ng/ml
EDDP	5.296	875961	49500.9	42.8	7293.8	415165	111.358 ng/ml
Etizolam	5.841	359986	18781.6	23.3	961840.5	191153	109.404 ng/ml
Fentanyl	5.128	24426	31116.7	122.6	37637.9	118262	10.846 ng/ml
Flualprazolam	5.738	261481	11416.7	92.4	6123.9	191153	115.526 ng/ml
Fluoxetine	5.733	209514	3857.8	7.1	∞	71629	117.305 ng/ml
Hydrocodone	3.054	389677	∞	37.9	∞	197228	115.521 ng/ml
Hydromorphone	1.623	299189	∞	69.8	∞	86858	117.726 ng/ml
Ketamine	4.083	948902	190886.7	38.2	24936.2	443974	113.533 ng/ml
Lamotrigine	4.324	90078	11178.6	88.1	64222.7	104863	92.535 ng/ml

qc 100- mdq1

Generated at 8:20 AM on 7/29/2021

AM #28 Multi-Drug Quant. Results

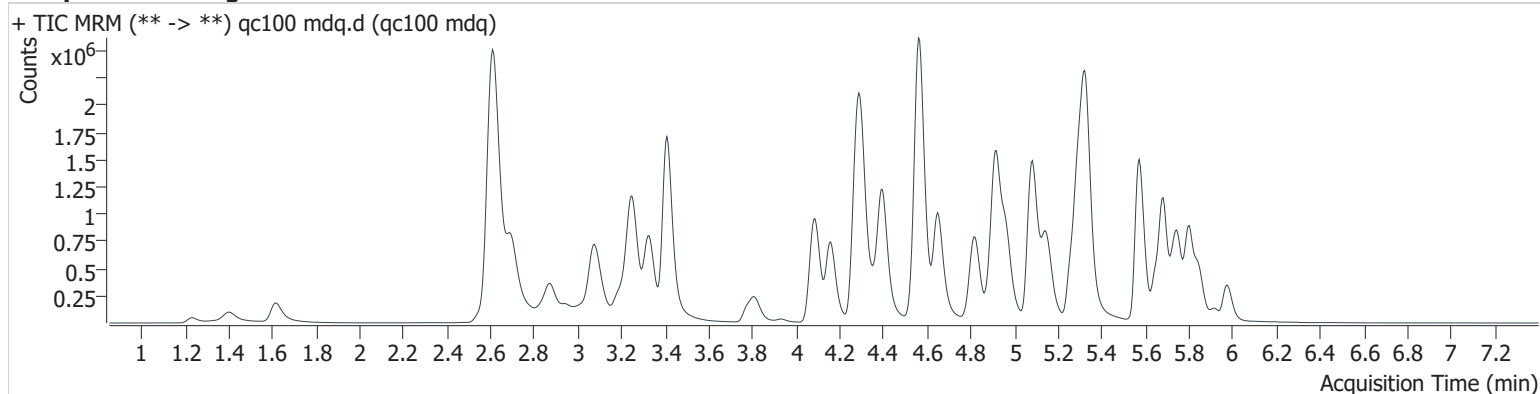
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.697	462571	10367.5	224.4	85127.0	42492	74.916 ng/ml
Lorazepam	5.780	37526	∞	44.9	397.2	18062	121.428 ng/ml
MDA	3.235	650810	∞	27.0	∞	190612	114.953 ng/ml
MDMA	3.328	751417	30164.2	91.4	24394.8	72458	114.517 ng/ml
Meprobamate	4.961	119928	∞	30.0	1005.8	35868	119.338 ng/ml
Methadone	5.681	533490	48394.7	54.4	4465.6	224013	107.883 ng/ml
Methamphetamine	3.257	538192	8708.4	41.7	∞	232178	115.419 ng/ml
Metoprolol	4.365	233100	1682875966 48062.0	96.1	∞	190612	122.978 ng/ml
Mirtazapine	4.649	910070	19668.7	49.3	26743.0	1965895	57.915 ng/ml
Mitragynine	5.262	114457	∞	34.6	∞	118262	132.128 ng/ml
Morphine	1.236	52436	∞	16.0	∞	5663	119.430 ng/ml
Norbuprenorphine	5.034	611	2388.6	91.2	∞	3396	11.127 ng/ml
Nordiazepam	5.922	134808	8738.7	62.6	∞	42492	107.038 ng/ml
Norfentanyl	4.119	61470	∞	39.0	214046.8	655822	10.741 ng/ml
Norhydrocodone	3.106	27607	4598.4	27.2	183.8	56583	112.292 ng/ml
Noroxycodone	2.951	216110	∞	43.3	∞	68348	112.042 ng/ml
O-desmethyl-tramadol	3.409	2653520	87787.8	5.9	6350614958 058570.0	1255123	111.746 ng/ml
Oxazepam	5.787	45839	2891.3	73.2	∞	18062	115.419 ng/ml
Oxycodone	2.873	717742	∞	29.7	∞	272707	110.600 ng/ml
Oxymorphone	1.404	238295	∞	44.2	∞	77289	114.546 ng/ml
Phentermine	3.816	198402	2113.9	8.2	2583774603 2440.4	241421	116.013 ng/ml
Promethazine	5.573	357640	22023.4	38.4	9141.3	160037	110.012 ng/ml
Pseudoephedrine	2.615	4351143	∞	24.5	∞	1965895	107.187 ng/ml
Quetiapine	5.570	819485	26581.8	64.0	71546.0	108524	123.332 ng/ml
Sertraline	5.801	91452	29332.7	94.3	4300.2	32844	111.356 ng/ml
Temazepam	5.849	376096	115273.7	29.6	4238.7	170829	105.196 ng/ml
Tramadol	4.282	2194577	28712.8	3.3	3886.7	1011576	115.496 ng/ml
Trazodone	5.149	609563	5874.7	81.0	13215.8	198562	106.698 ng/ml
Venlafaxine	5.078	1384083	1404201.8	37.8	9625.1	799343	107.074 ng/ml
Zolpidem	4.917	2493354	50647.6	29.5	15888.0	1081670	116.290 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	7/28/2021 5:02:33 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	30666	∞	134.5	∞	73100	11.095 ng/ml
7-aminoclonazepam	4.313	205299	∞	76.1	∞	108704	110.279 ng/ml
a-hydroxyalprazolam	5.733	29870	678.1	55.4	211.8	12037	105.614 ng/ml
alpha-PHP	4.966	1302748	171914.8	40.3	13808.9	539060	123.571 ng/ml
alpha-PVP	4.397	1873709	86193.7	52.4	39277.4	725540	108.171 ng/ml
Alprazolam	5.801	672132	∞	90.0	12886.4	205592	111.591 ng/ml
Amphetamine	3.083	1555843	2317241789 769730.0	40.7	∞	251915	116.229 ng/ml
Benzoylcegonine	3.931	36628	98060.6	52.0	∞	11078	120.141 ng/ml
Buprenorphine	5.762	12347	2212.0	14.4	6799.2	42363	11.519 ng/ml
Bupropion	4.821	1402852	2311265.6	65.5	26810.2	539060	112.274 ng/ml
Carisoprodol	5.757	487581	4633343.1	57.1	6727.7	181918	114.069 ng/ml
Citalopram	5.264	880489	24341.7	40.6	14434.8	354601	111.483 ng/ml
Clonazepam	5.650	72958	33385.6	32.9	6388.9	12037	117.577 ng/ml
Clonazolam	5.591	156737	∞	37.6	68175.7	12037	119.367 ng/ml
Cocaine	4.296	1336998	639738.9	50.6	51139.0	1029244	110.411 ng/ml
Codeine	2.618	149116	∞	94.5	∞	70915	113.360 ng/ml
Cyclobenzaprine	5.652	774966	∞	9.2	57771.1	250036	111.374 ng/ml
Dextromethorphan	5.307	558499	32423.4	76.0	308276.2	255024	111.032 ng/ml
Dextrorphan	4.159	1150209	116864.5	44.7	310419.8	552333	114.812 ng/ml
Diazepam	5.979	429717	12270.4	84.2	20518.1	186661	116.611 ng/ml
Dihydrocodeine	2.582	459002	3530.3	60.6	6114.5	283501	113.801 ng/ml
Diphenhydramine	5.329	2867568	815086.6	31.1	77315.1	1365165	106.297 ng/ml
Doxylamine	4.566	4272152	2104755.4	82.6	318522.6	1540606	112.331 ng/ml
EDDP	5.296	1711189	5017013.6	43.2	3011206.3	815213	110.782 ng/ml
Etizolam	5.841	399667	119054.7	23.9	∞	205592	112.958 ng/ml
Fentanyl	5.128	77064	∞	120.3	∞	358453	11.292 ng/ml
Flualprazolam	5.738	278004	11691.7	93.6	∞	205592	114.194 ng/ml
Fluoxetine	5.733	666967	∞	7.4	111345.6	230076	116.253 ng/ml
Hydrocodone	3.054	549910	∞	37.6	∞	274809	117.010 ng/ml
Hydromorphone	1.618	384655	∞	74.9	∞	114249	115.057 ng/ml
Ketamine	4.083	1336060	5702477.9	38.7	12182.7	611980	116.000 ng/ml
Lamotrigine	4.324	105351	174915.4	87.1	∞	108704	104.369 ng/ml

AM #28 Multi-Drug Quant. Results

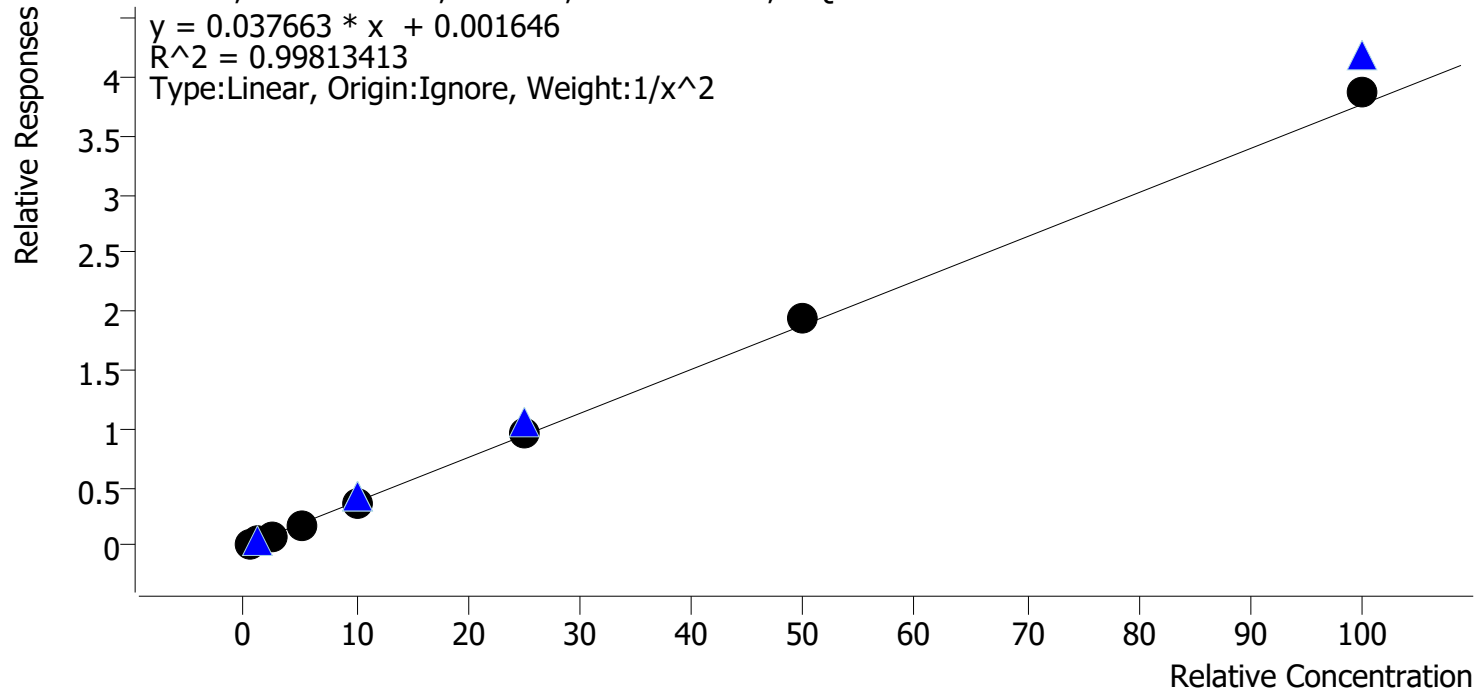
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.697	577215	37607.3	224.1	822398.6	39026	102.095 ng/ml
Lorazepam	5.774	44143	∞	45.7	1327.5	23109	111.494 ng/ml
MDA	3.235	1000717	74733.8	26.9	∞	288085	116.978 ng/ml
MDMA	3.328	1256353	98764.0	90.7	110449.8	124474	111.436 ng/ml
Meprobamate	4.961	139999	∞	29.4	593796.8	41872	119.335 ng/ml
Methadone	5.681	1443905	27247.2	52.7	32491.6	598052	109.378 ng/ml
Methamphetamine	3.257	1525498	39668.4	35.8	66955.4	656532	115.704 ng/ml
Metoprolol	4.360	361895	∞	98.5	∞	288085	126.361 ng/ml
Mirtazapine	4.649	1978790	3604974.9	48.2	∞	2753895	89.769 ng/ml
Mitragynine	5.262	293232	693820.1	31.8	143945.6	358453	111.422 ng/ml
Morphine	1.236	57218	∞	17.1	∞	6638	111.098 ng/ml
Norbuprenorphine	5.029	1890	10996.4	87.1	17147.9	8619	13.488 ng/ml
Nordiazepam	5.922	124952	∞	62.2	25750.0	39026	108.029 ng/ml
Norfentanyl	4.119	89344	48268.2	38.3	52428.0	925886	11.059 ng/ml
Norhydrocodone	3.106	42649	∞	29.8	712.3	85183	115.240 ng/ml
Noroxycodone	2.951	310342	∞	43.7	∞	96129	114.411 ng/ml
O-desmethyl-tramadol	3.409	3586019	1910204988 7380800.0	6.0	44272.3	1739698	108.937 ng/ml
Oxazepam	5.787	56375	1466.0	70.9	∞	23109	110.918 ng/ml
Oxycodone	2.873	992084	∞	29.5	∞	377772	110.356 ng/ml
Oxymorphone	1.399	310114	∞	43.4	∞	99480	115.827 ng/ml
Phentermine	3.816	387289	7583.7	7.5	4648.1	463184	118.069 ng/ml
Promethazine	5.573	1126093	3535062.8	37.9	91925.0	510775	108.525 ng/ml
Pseudoephedrine	2.615	6167433	67698.2	24.4	∞	2753895	108.463 ng/ml
Quetiapine	5.570	1332586	11592896.4	63.9	∞	182454	119.223 ng/ml
Sertraline	5.801	304489	6582855.6	96.0	784225.3	105355	115.601 ng/ml
Temazepam	5.849	390029	∞	29.0	1923.6	172071	108.317 ng/ml
Tramadol	4.282	3244100	336481.8	3.4	3215.7	1512940	114.140 ng/ml
Trazodone	5.149	1135634	1086881.6	80.9	∞	354105	111.468 ng/ml
Venlafaxine	5.083	2408051	323918.6	37.6	46659.0	1369076	108.773 ng/ml
Zolpidem	4.917	3313226	174123.2	28.9	∞	1463822	114.165 ng/ml

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 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, 5 QCs



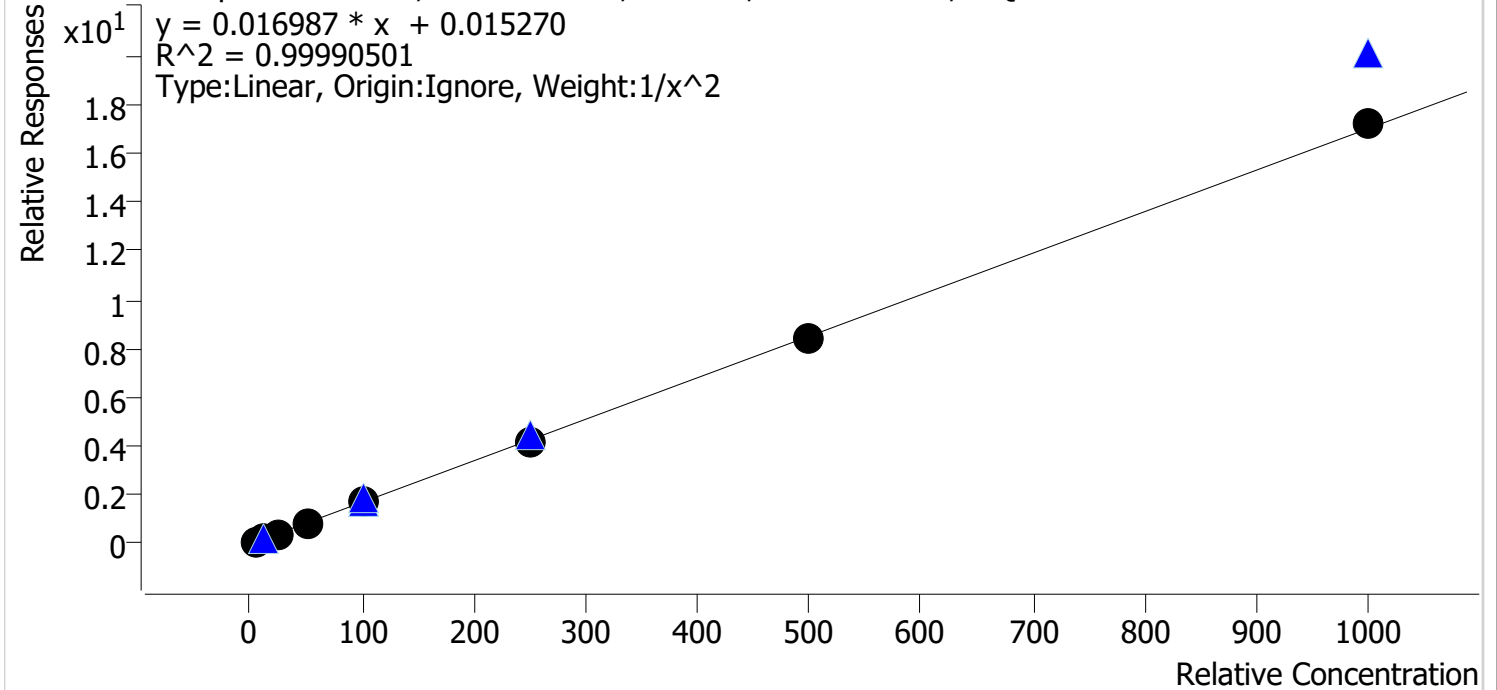
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	99.0
cal 2 mdq	2	✓	1.0	1.0	104.7
cal 3 mdq	3	✓	2.5	2.4	94.9
cal 4 mdq	4	✓	5.0	4.9	97.6
cal 5 mdq	5	✓	10.0	9.6	95.7
cal 6 mdq	6	✓	25.0	25.3	101.0
cal 7 mdq	7	✓	50.0	51.9	103.8
cal 8 mdq	8	✓	100.0	103.1	103.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 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, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	25.0	100.2
cal 4 mdq	4	✓	50.0	49.6	99.3
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	247.1	98.8
cal 7 mdq	7	✓	500.0	497.8	99.6
cal 8 mdq	8	✓	1000.0	1015.9	101.6

Compound Calibration Report

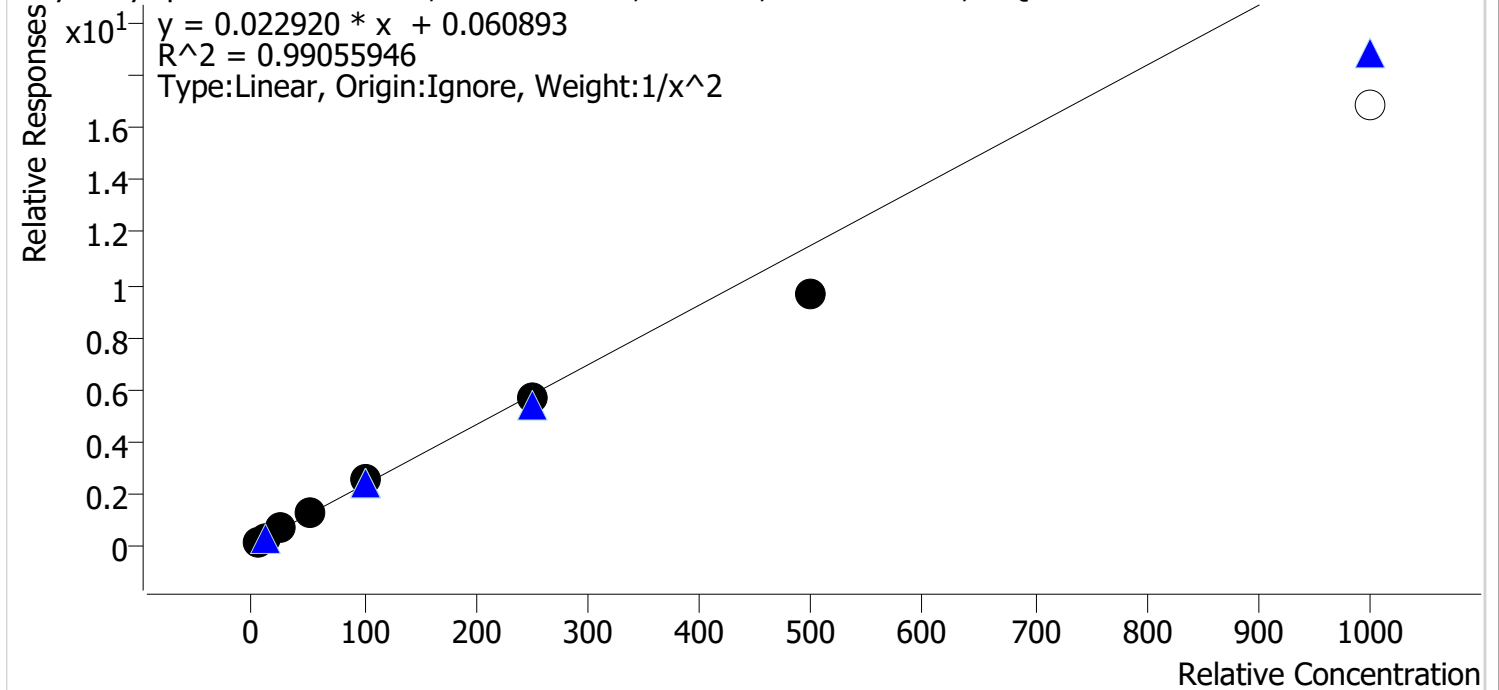


Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam

Internal Standard

Clonazepam-D4

a-hydroxyalprazolam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



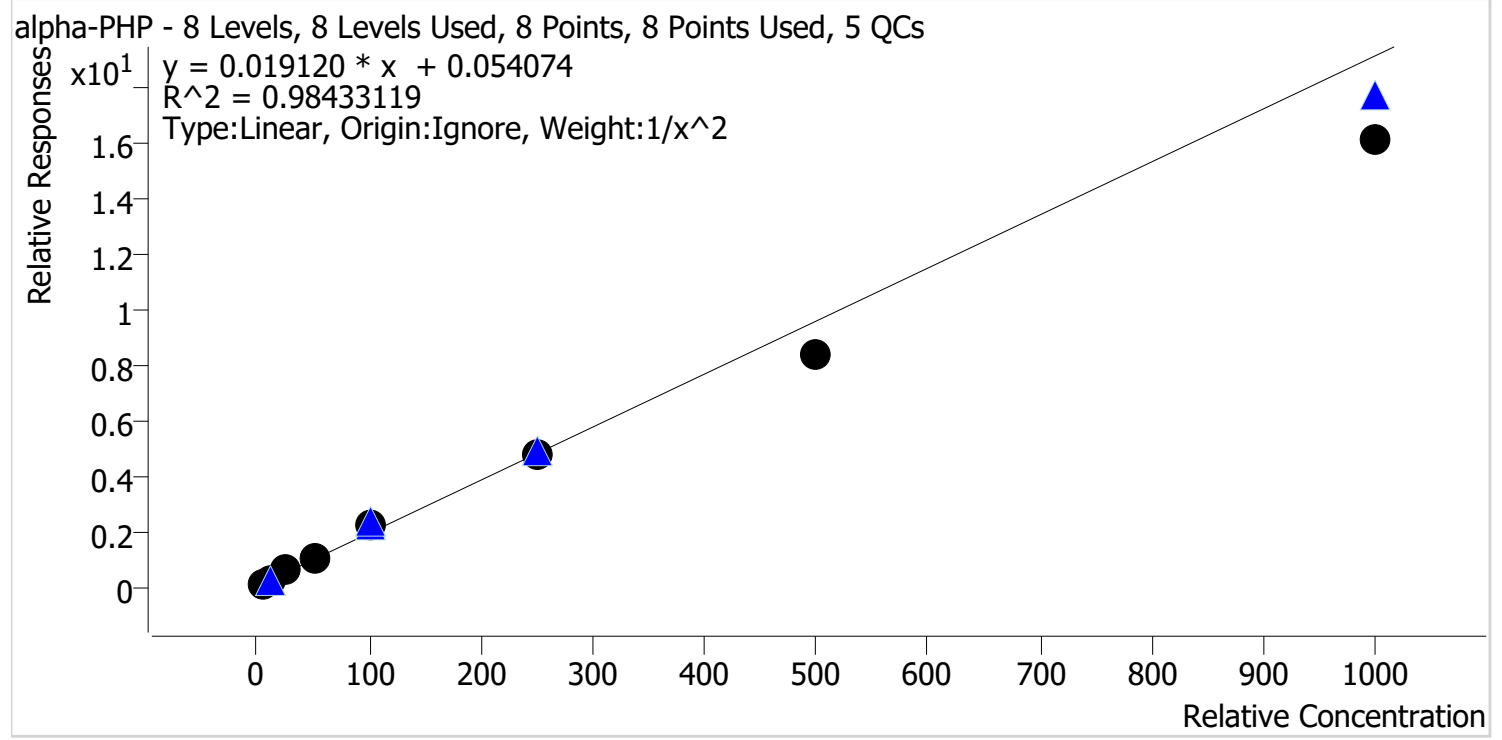
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	25.9	103.6
cal 4 mdq	4	✓	50.0	52.4	104.8
cal 5 mdq	5	✓	100.0	111.0	111.0
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	421.4	84.3
cal 8 mdq	8	x	1000.0	731.0	73.1

cal 8 dropped accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** Bupropion-D9



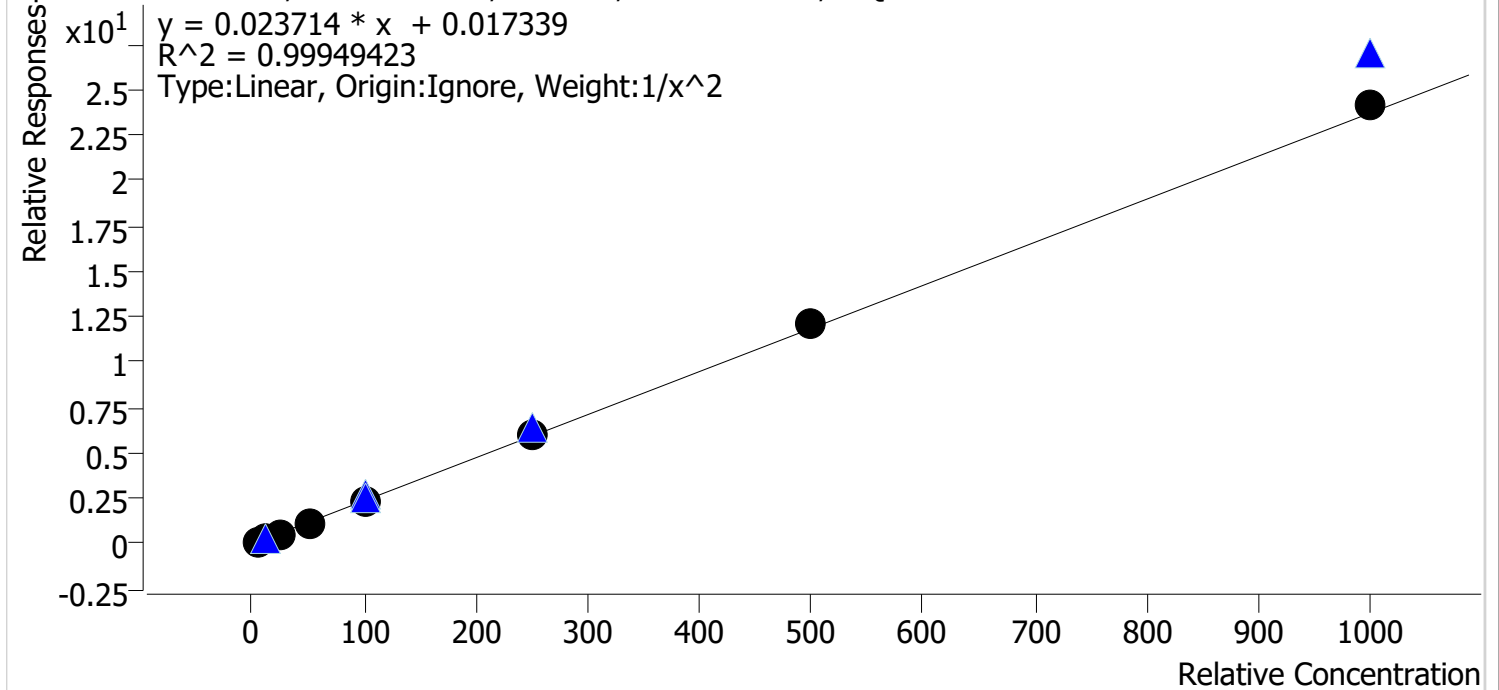
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.8
cal 2 mdq	2	✓	10.0	10.6	105.5
cal 3 mdq	3	✓	25.0	28.3	113.3
cal 4 mdq	4	✓	50.0	51.6	103.1
cal 5 mdq	5	✓	100.0	112.8	112.8
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	435.4	87.1
cal 8 mdq	8	✓	1000.0	840.6	84.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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



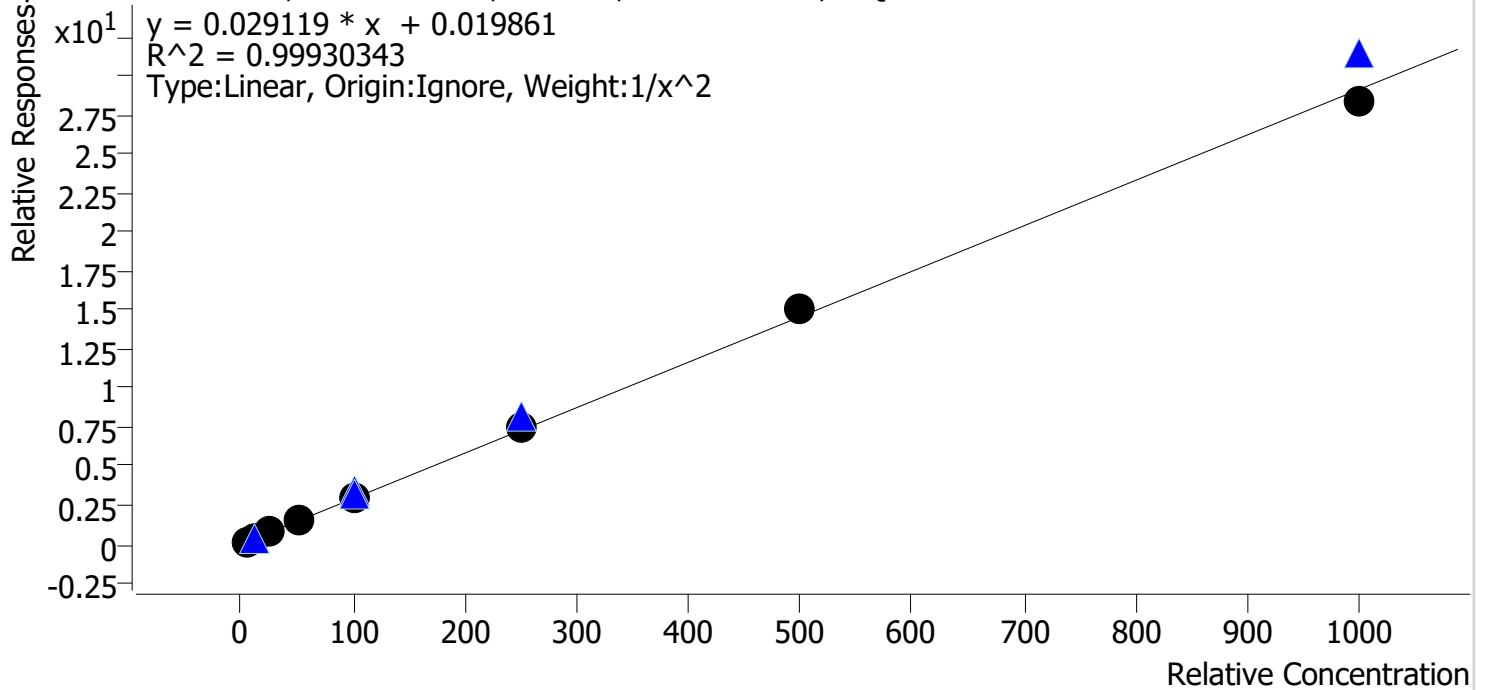
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	24.3	97.4
cal 4 mdq	4	✓	50.0	49.5	99.0
cal 5 mdq	5	✓	100.0	97.2	97.2
cal 6 mdq	6	✓	250.0	252.6	101.1
cal 7 mdq	7	✓	500.0	508.8	101.8
cal 8 mdq	8	✓	1000.0	1020.4	102.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



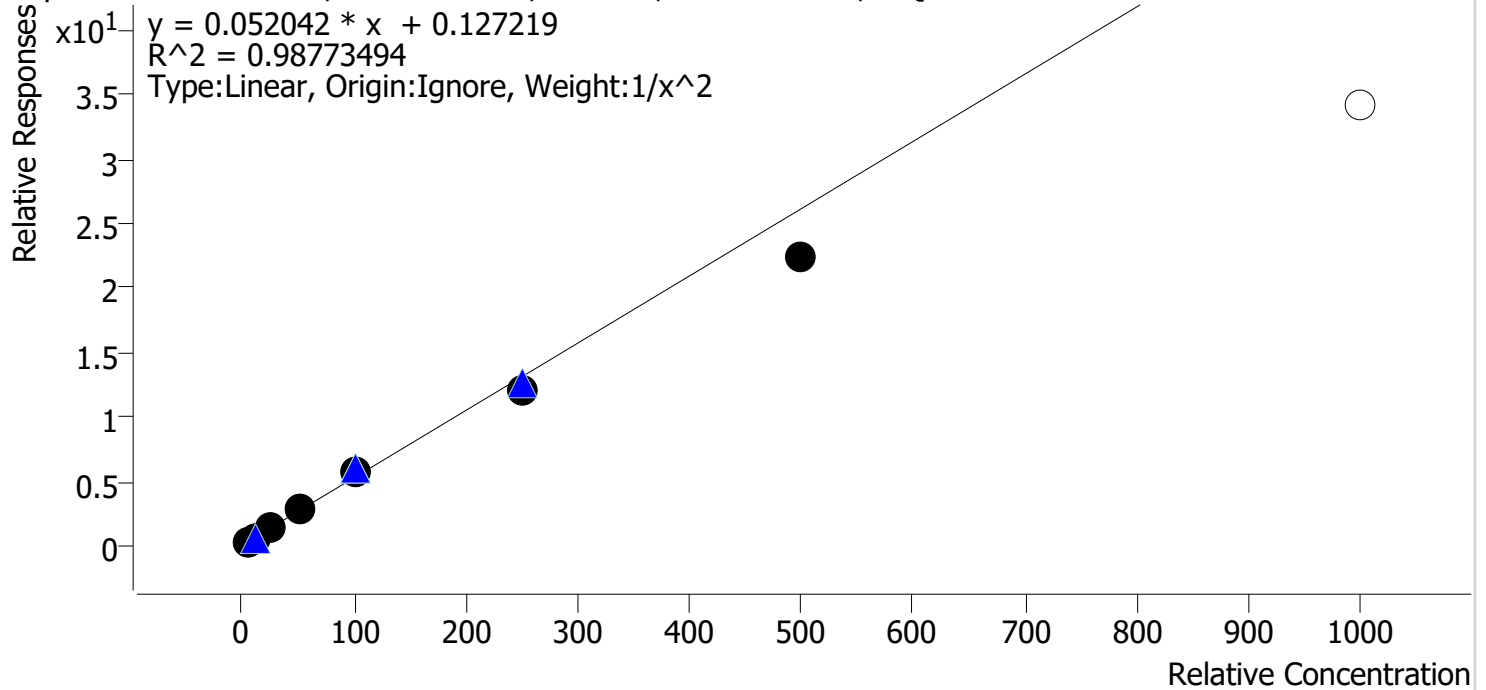
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	24.2	96.8
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	252.6	101.0
cal 7 mdq	7	✓	500.0	519.7	103.9
cal 8 mdq	8	✓	1000.0	978.2	97.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

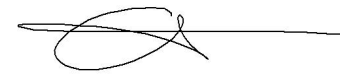
Amphetamine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.4
cal 2 mdq	2	✓	10.0	10.9	109.1
cal 3 mdq	3	✓	25.0	26.8	107.1
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	107.3	107.3
cal 6 mdq	6	✓	250.0	231.6	92.7
cal 7 mdq	7	✓	500.0	425.7	85.1
cal 8 mdq	8	✗	1000.0	656.7	65.7

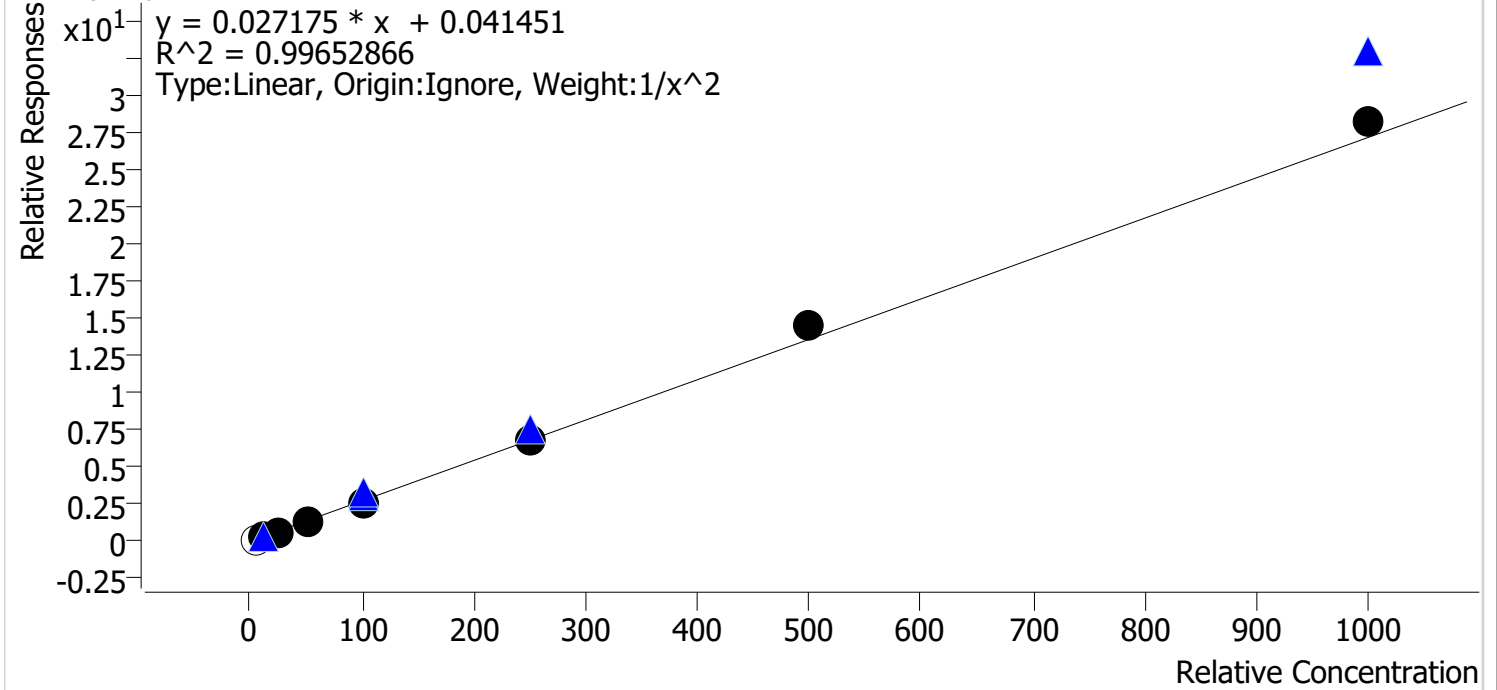
cal 8 dropped accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

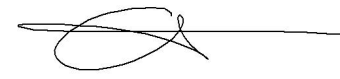
Benzoylecgonine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	3.6	71.7
cal 2 mdq	2	✓	10.0	10.3	102.8
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	45.5	91.0
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	531.3	106.3
cal 8 mdq	8	✓	1000.0	1036.7	103.7

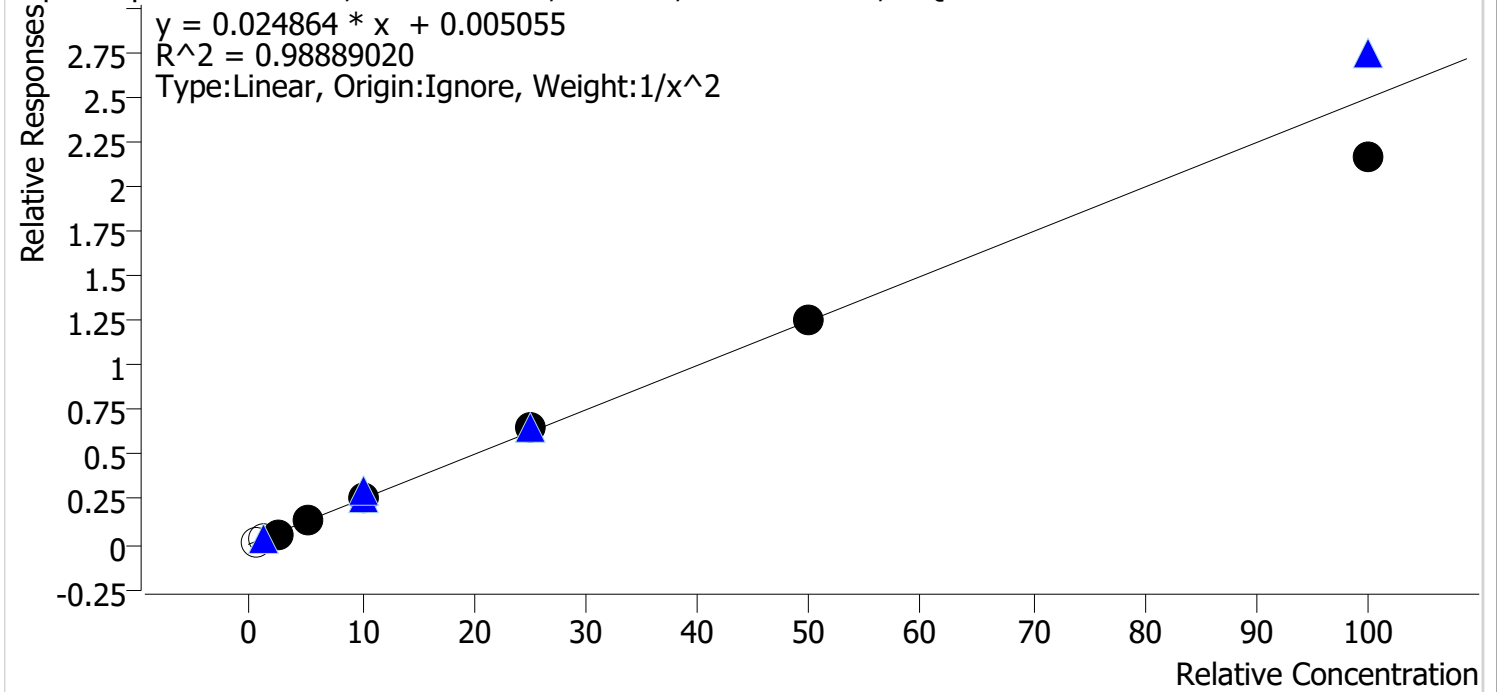
cal 1 dropped ratio

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.4	83.0
cal 2 mdq	2	x	1.0	1.1	110.2
cal 3 mdq	3	✓	2.5	2.3	93.7
cal 4 mdq	4	✓	5.0	5.5	110.8
cal 5 mdq	5	✓	10.0	10.3	102.6
cal 6 mdq	6	✓	25.0	26.5	105.8
cal 7 mdq	7	✓	50.0	50.0	99.9
cal 8 mdq	8	✓	100.0	87.2	87.2

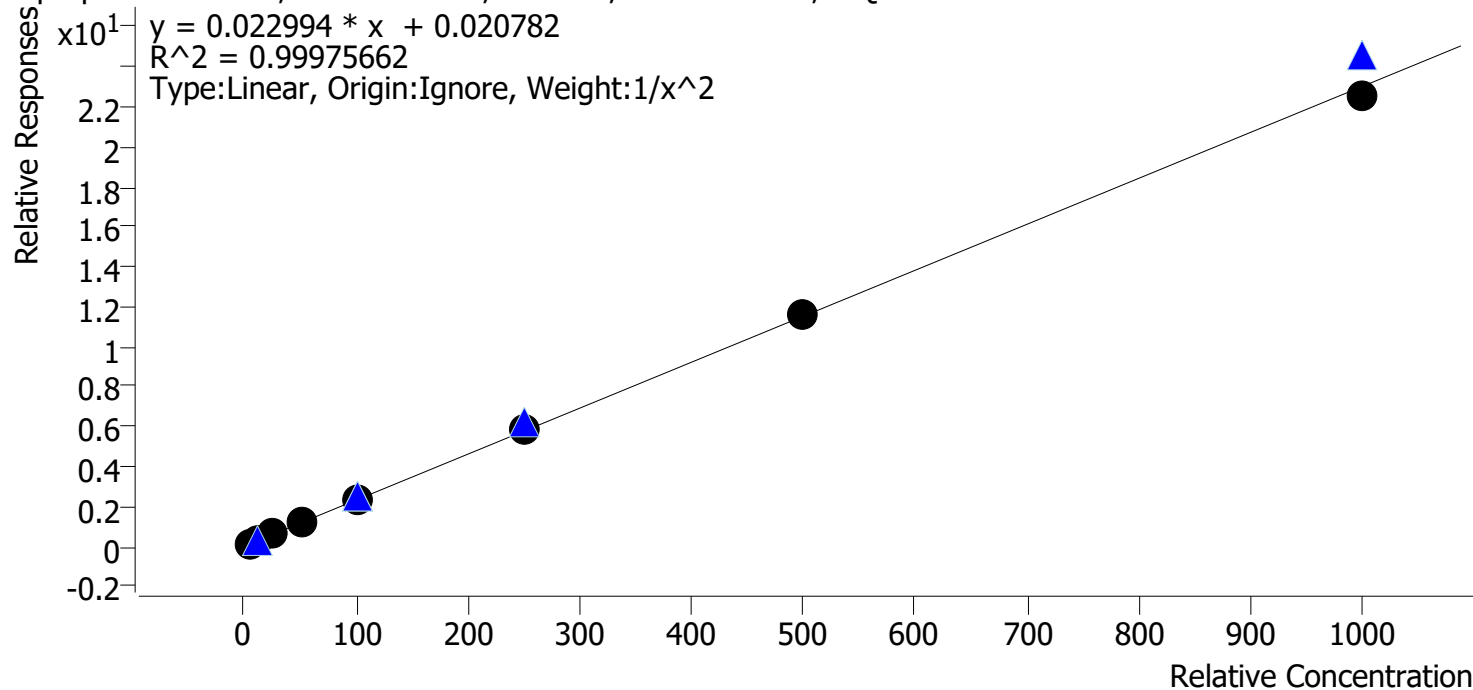
cal 1 and 2 dropped poor peak shape and ratio out of range in 1 ng control

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	49.0	98.0
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	252.1	100.8
cal 7 mdq	7	✓	500.0	503.9	100.8
cal 8 mdq	8	✓	1000.0	982.1	98.2

Compound Calibration Report

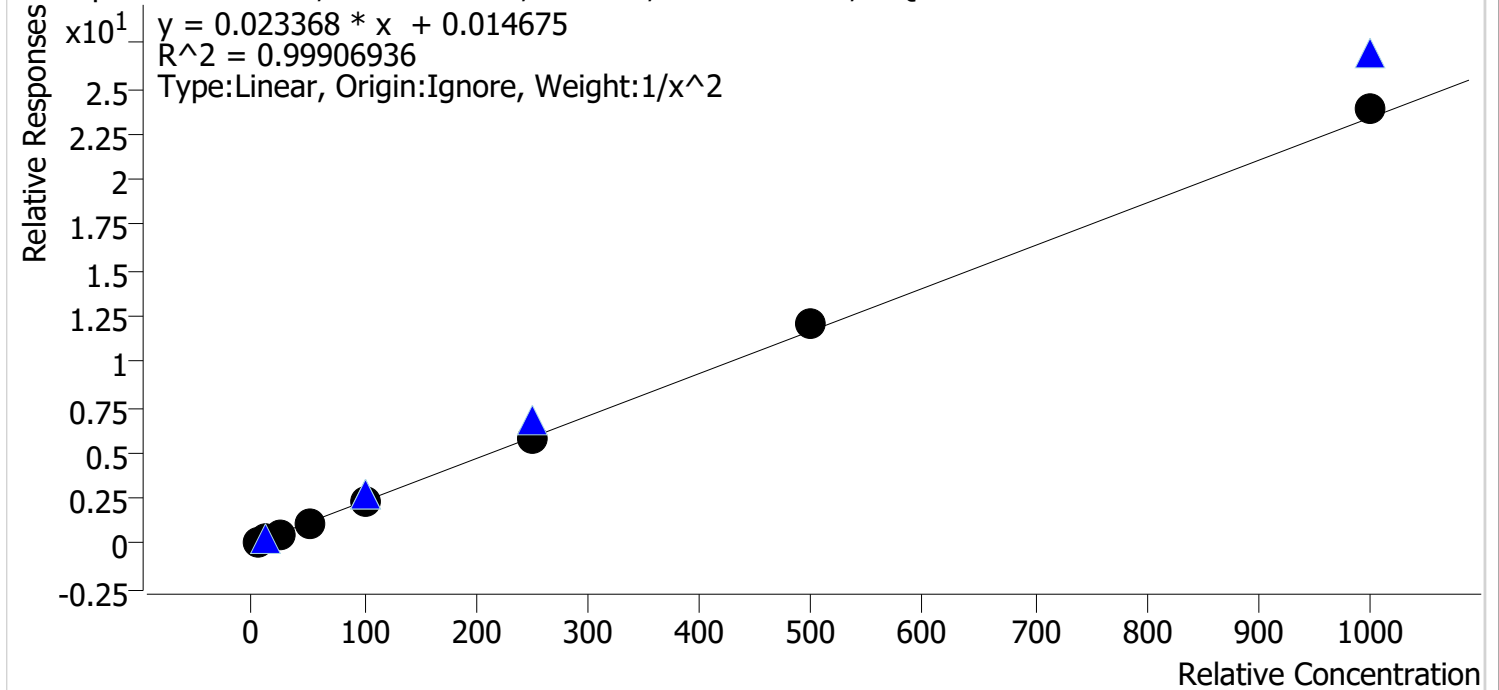


Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

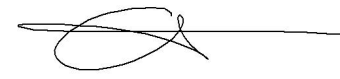
Carisoprodol-D7

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



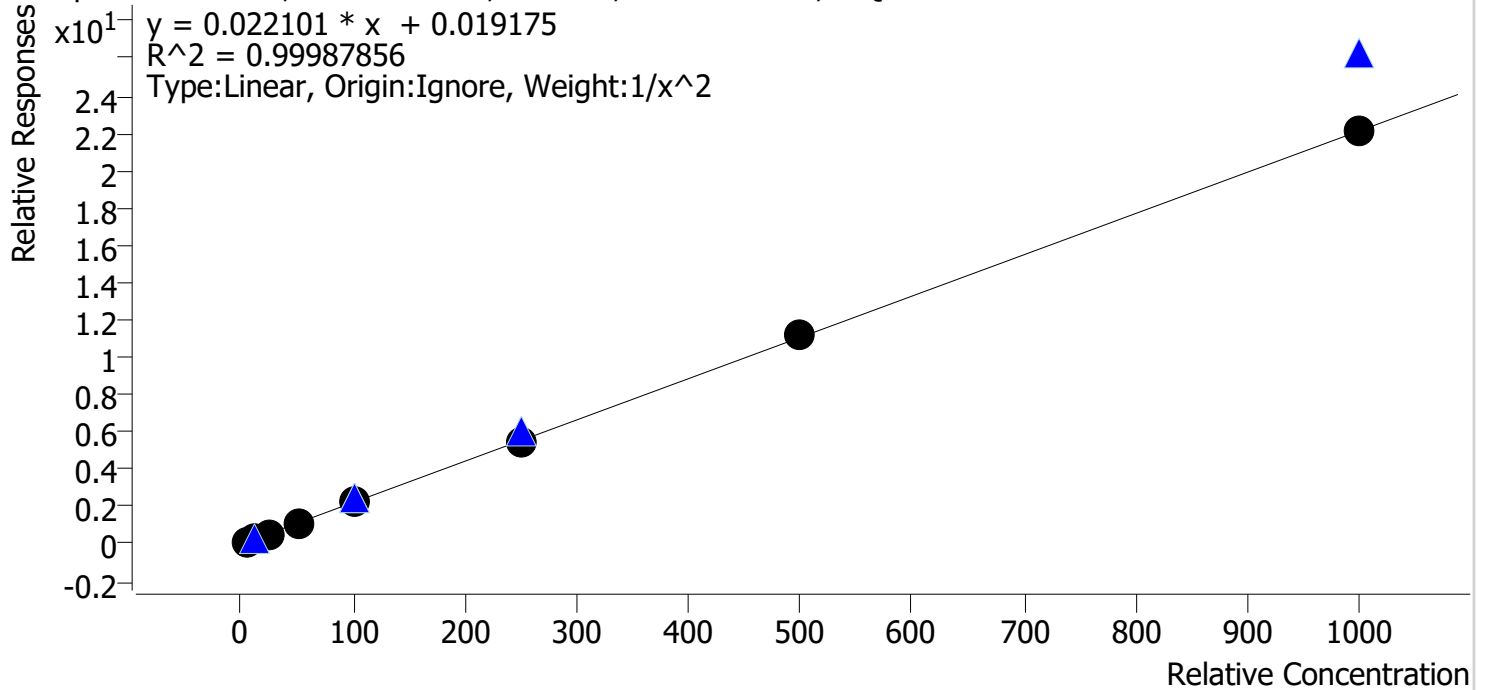
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.7
cal 2 mdq	2	✓	10.0	9.6	95.9
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	249.7	99.9
cal 7 mdq	7	✓	500.0	514.3	102.9
cal 8 mdq	8	✓	1000.0	1018.8	101.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	24.8	99.0
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	248.7	99.5
cal 7 mdq	7	✓	500.0	510.1	102.0
cal 8 mdq	8	✓	1000.0	1000.5	100.1

Compound Calibration Report

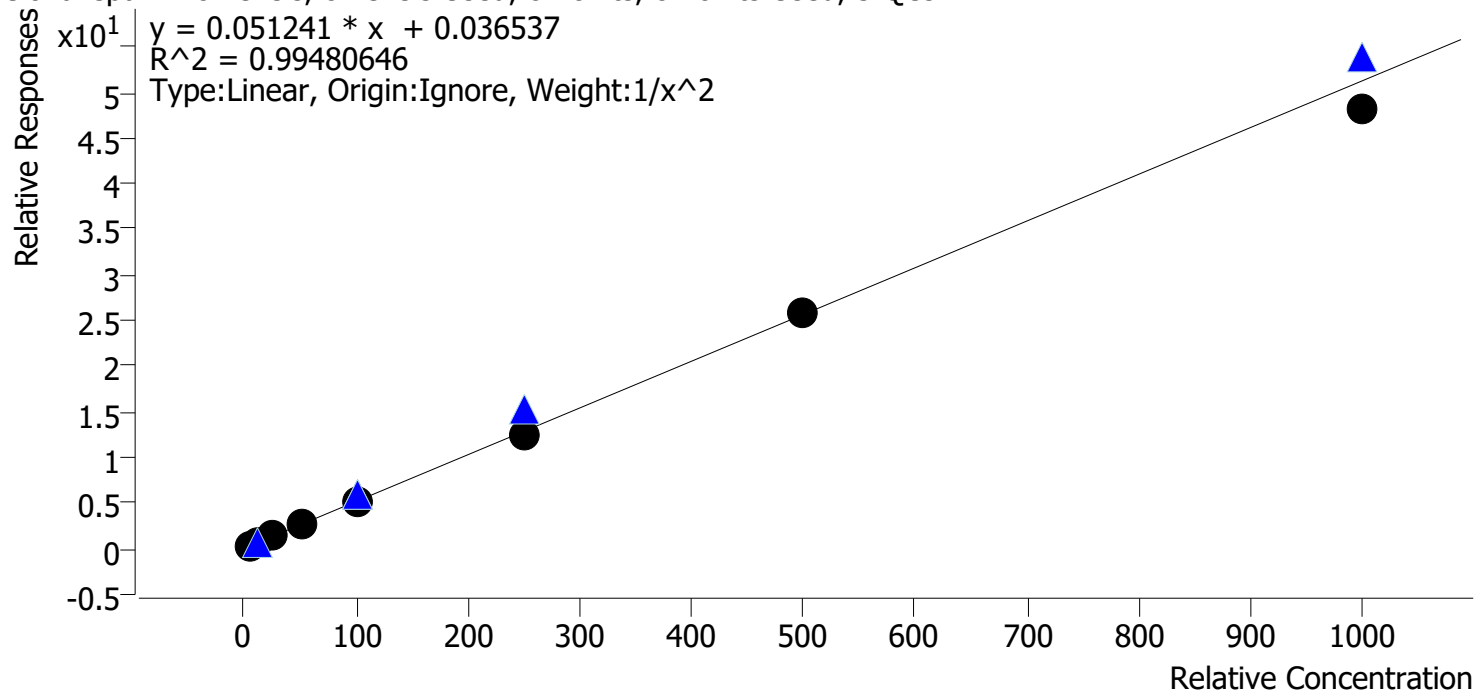


Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

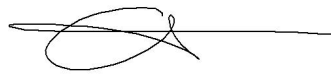
Clonazepam-D4

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



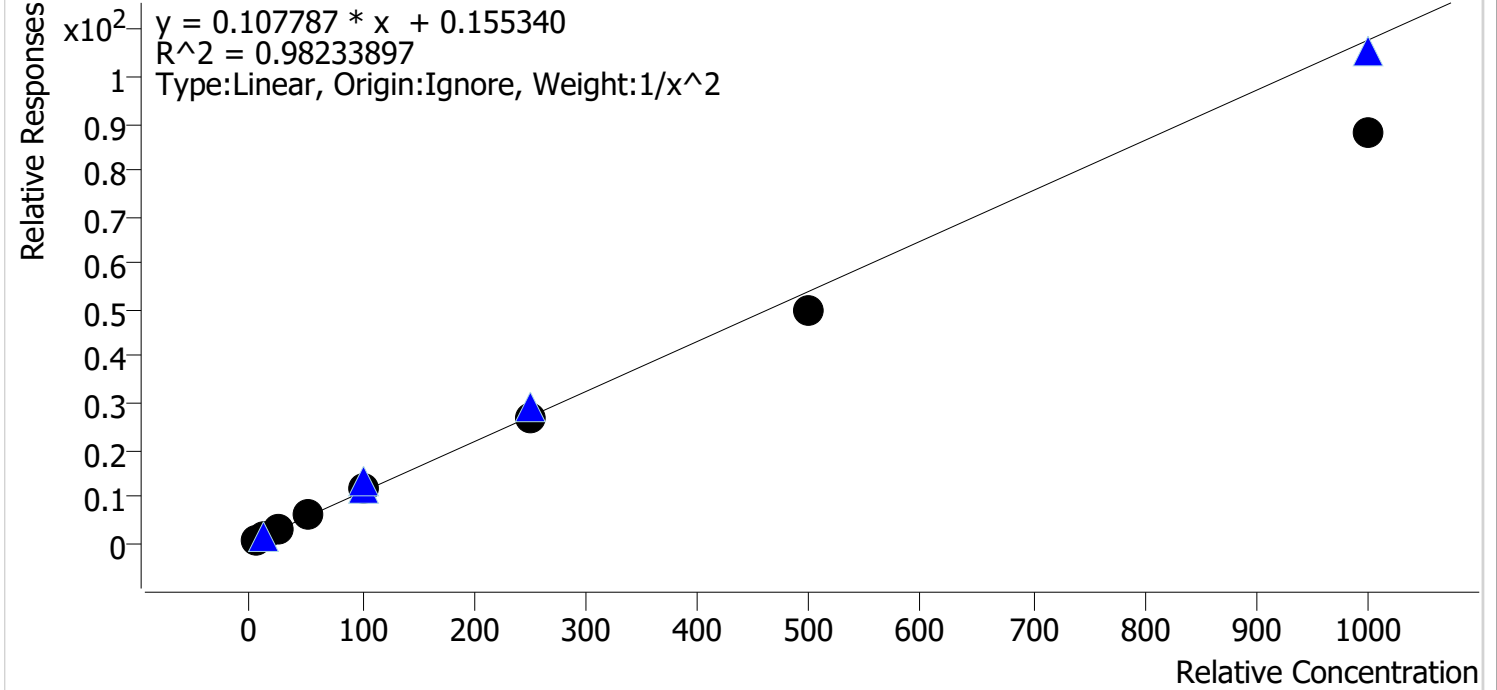
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.9
cal 2 mdq	2	✓	10.0	8.9	88.5
cal 3 mdq	3	✓	25.0	26.2	104.8
cal 4 mdq	4	✓	50.0	54.0	107.9
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	245.0	98.0
cal 7 mdq	7	✓	500.0	499.9	100.0
cal 8 mdq	8	✓	1000.0	943.5	94.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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



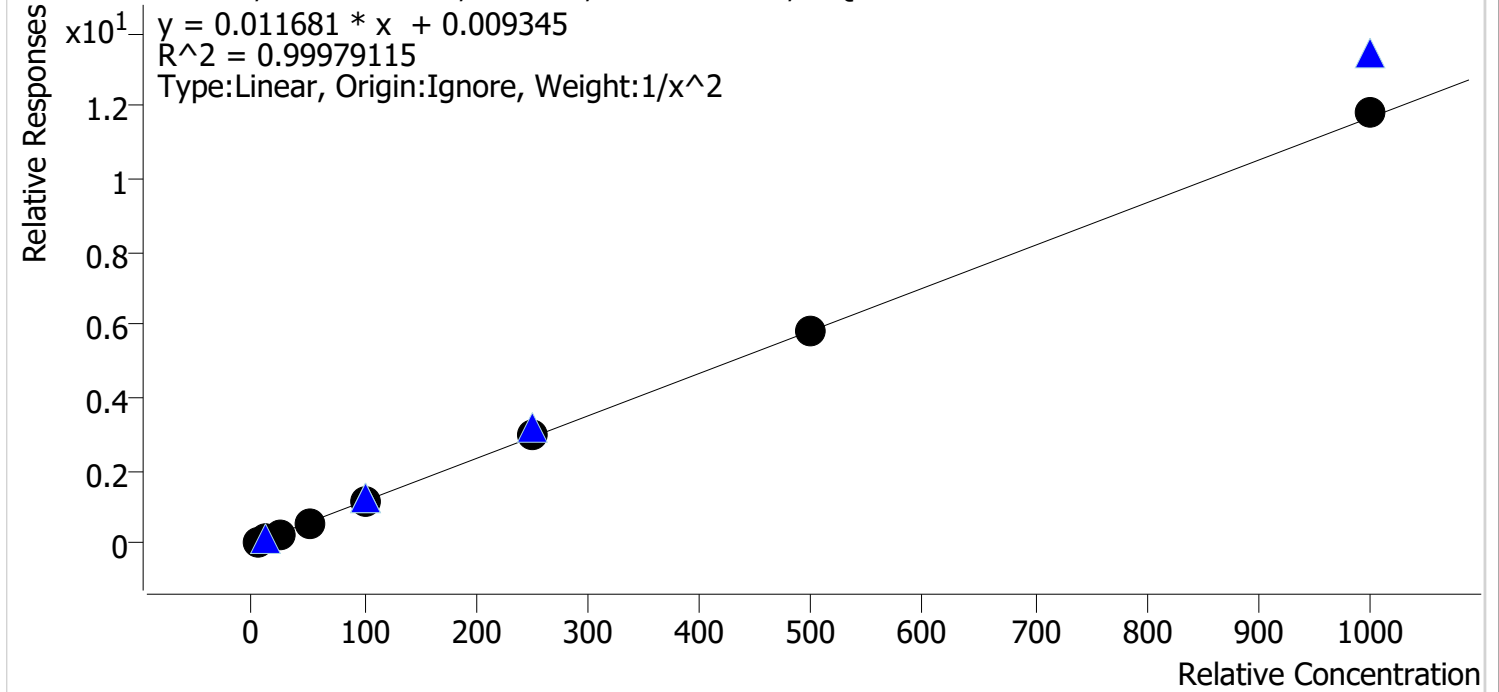
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	9.1	91.1
cal 3 mdq	3	✓	25.0	29.2	116.6
cal 4 mdq	4	✓	50.0	56.3	112.5
cal 5 mdq	5	✓	100.0	106.6	106.6
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	463.5	92.7
cal 8 mdq	8	✓	1000.0	816.2	81.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



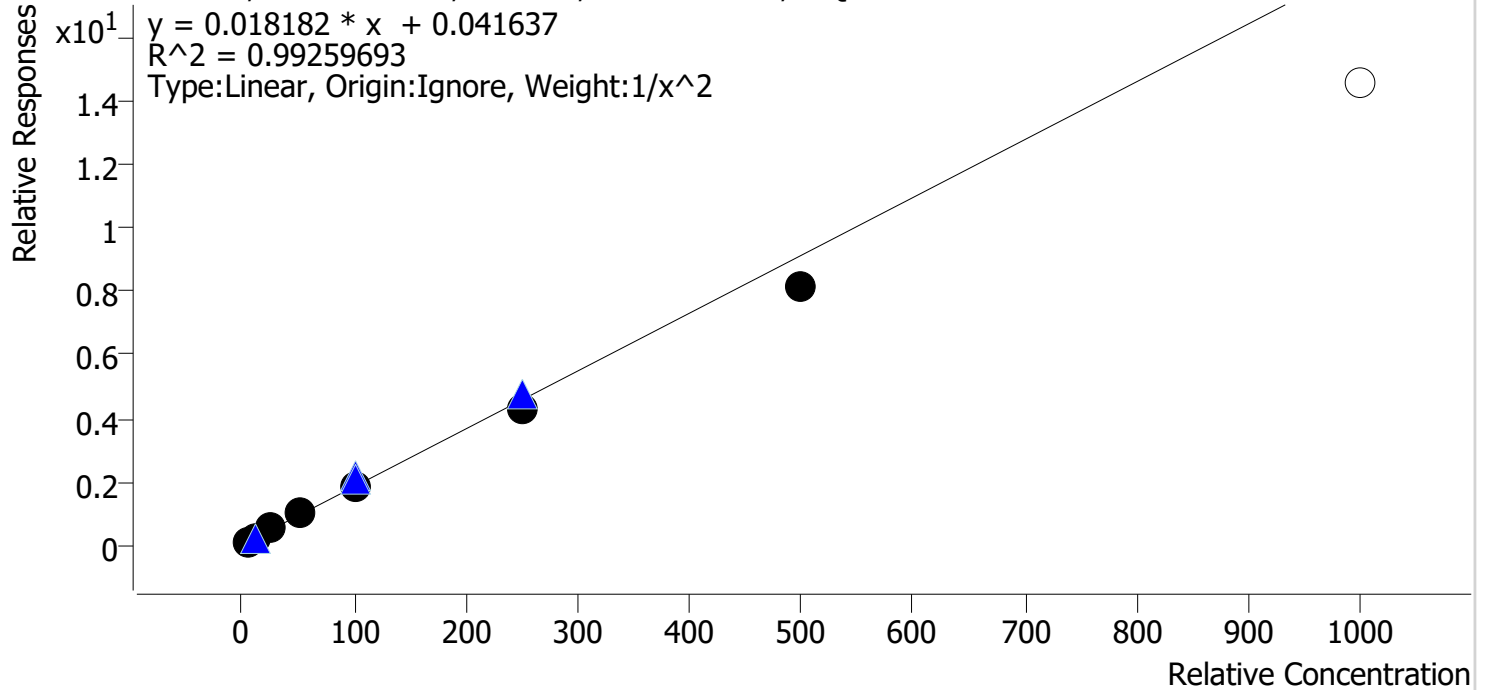
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.2	101.5
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	1010.0	101.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.5
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	26.8	107.1
cal 4 mdq	4	✓	50.0	55.1	110.3
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	233.2	93.3
cal 7 mdq	7	✓	500.0	447.9	89.6
cal 8 mdq	8	x	1000.0	795.8	79.6

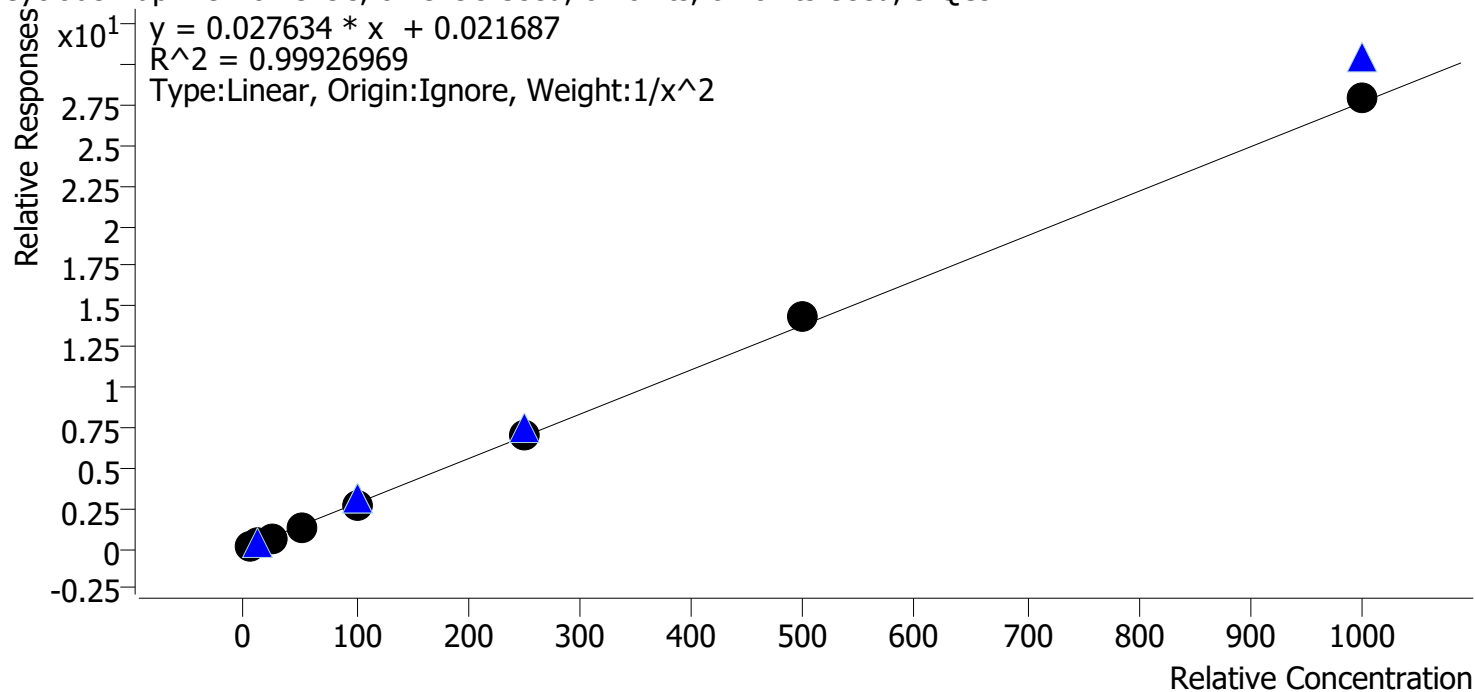
cal 8 dropped accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



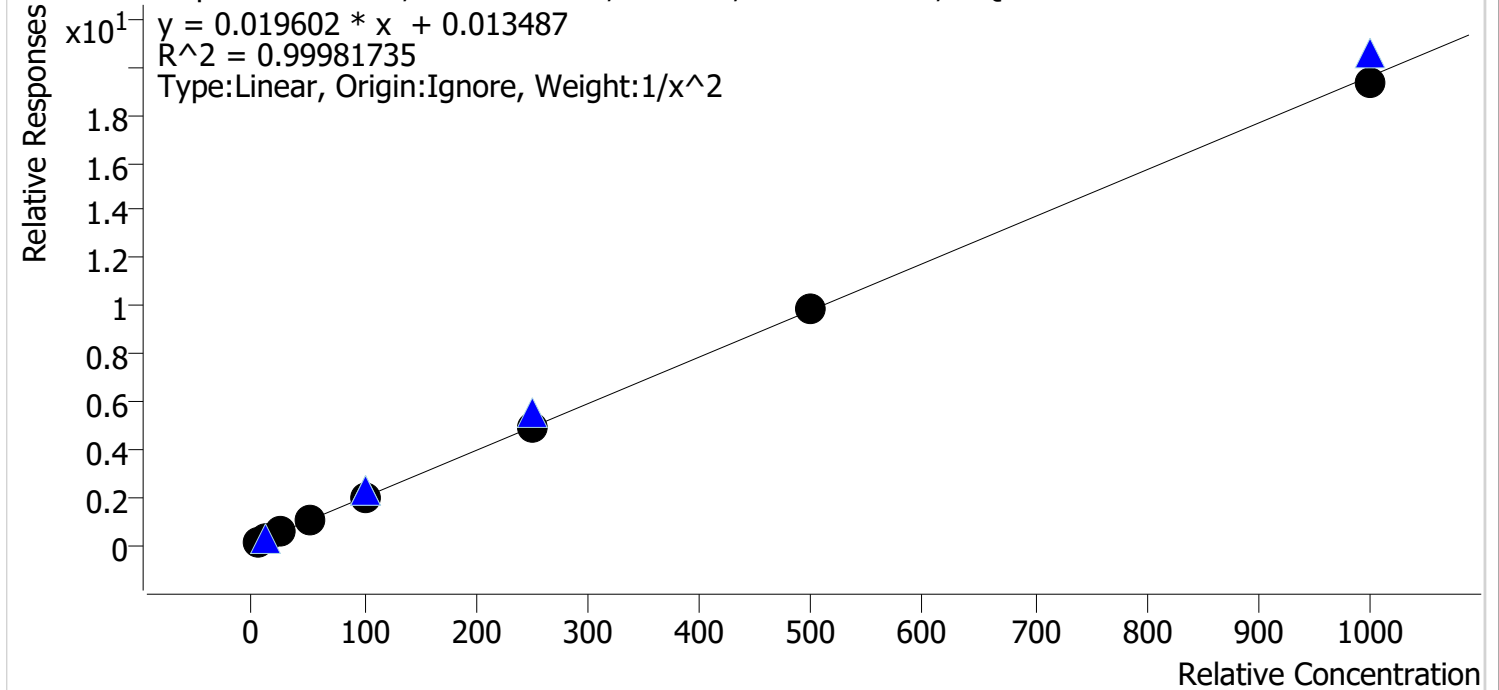
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.1	96.2
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	251.9	100.8
cal 7 mdq	7	✓	500.0	520.9	104.2
cal 8 mdq	8	✓	1000.0	1007.6	100.8

Compound Calibration Report



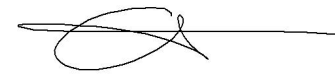
Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



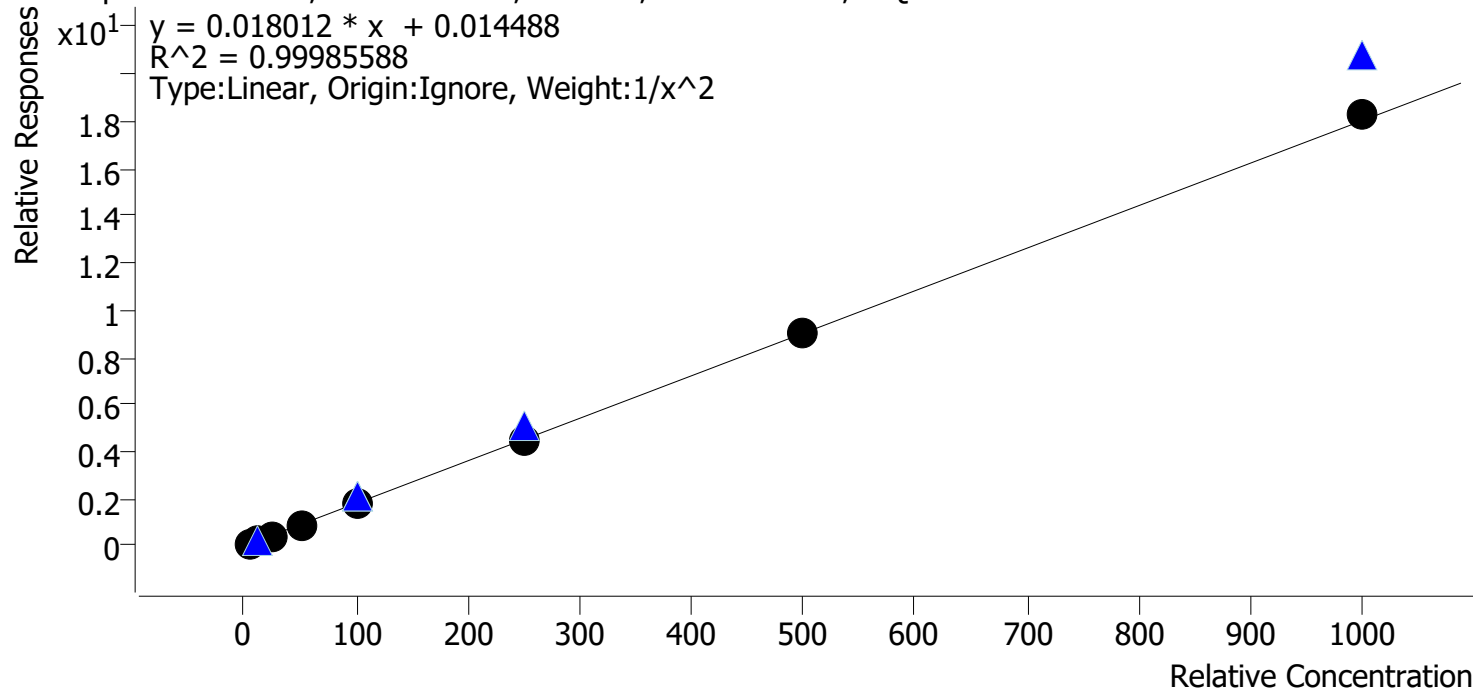
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	50.0	100.1
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	252.4	101.0
cal 7 mdq	7	✓	500.0	505.3	101.1
cal 8 mdq	8	✓	1000.0	983.6	98.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



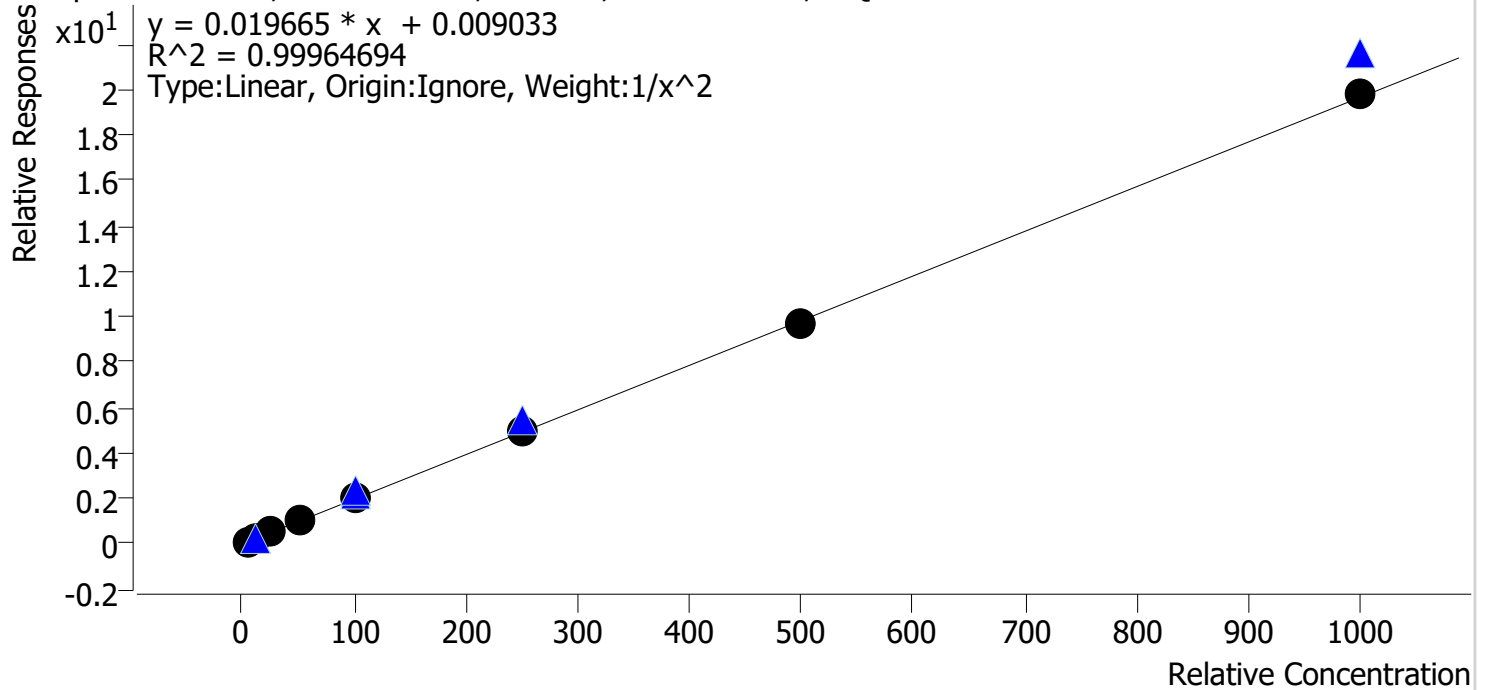
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdq	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	50.1	100.3
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	251.9	100.7
cal 7 mdq	7	✓	500.0	500.8	100.2
cal 8 mdq	8	✓	1000.0	1013.8	101.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



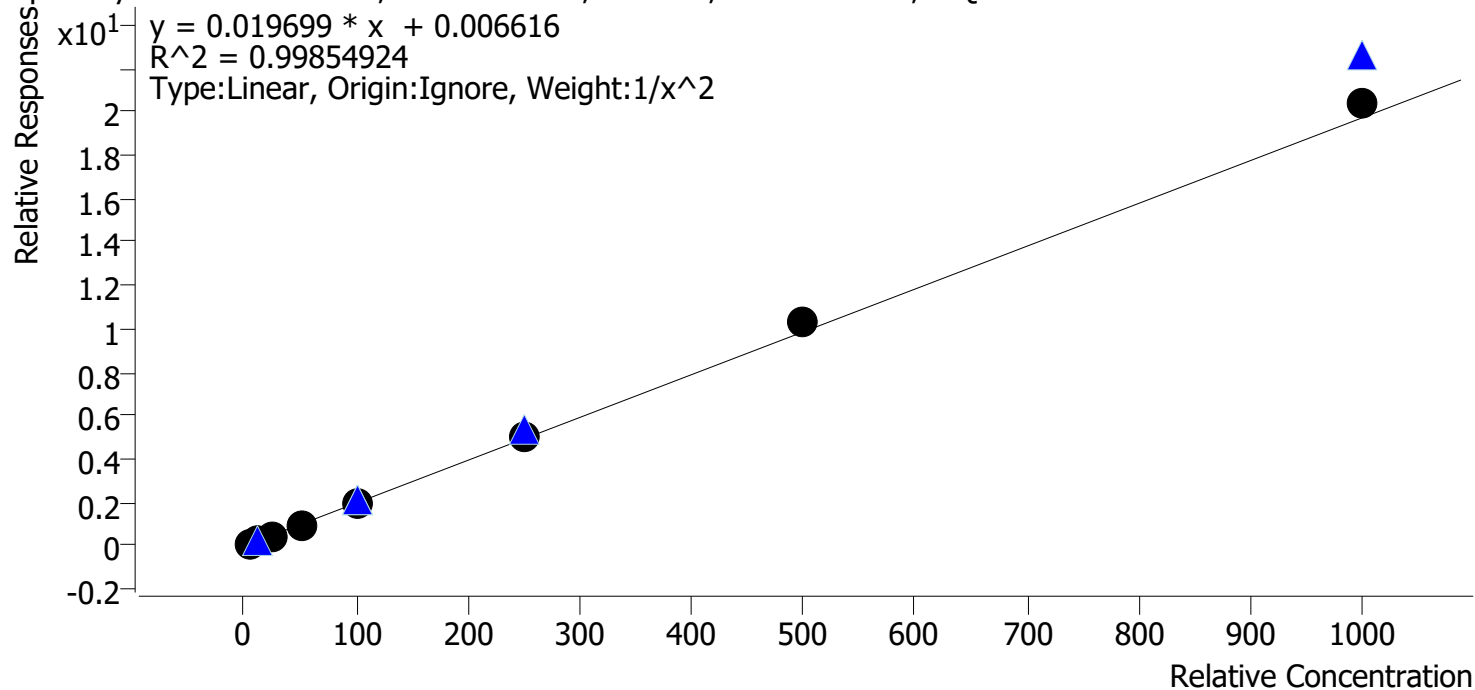
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	248.5	99.4
cal 7 mdq	7	✓	500.0	496.9	99.4
cal 8 mdq	8	✓	1000.0	1005.0	100.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



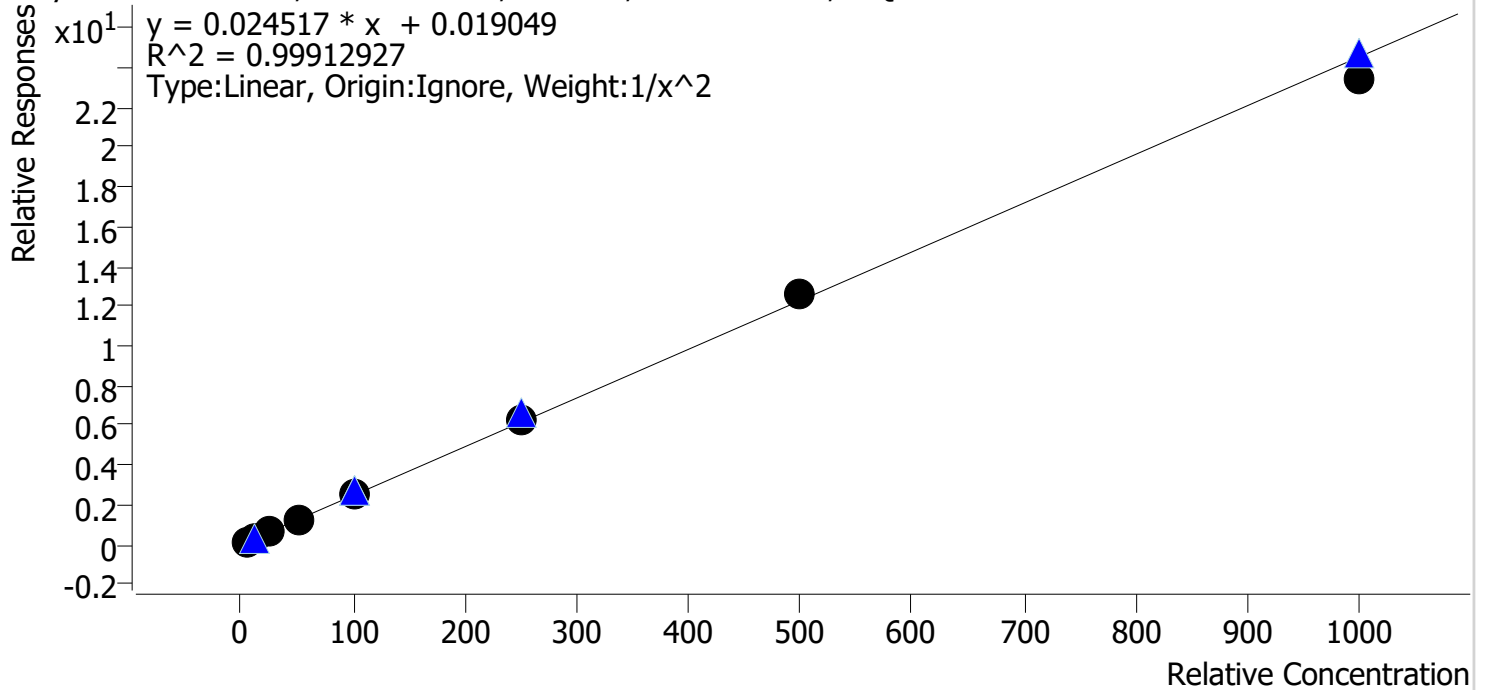
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	47.9	95.9
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	251.6	100.7
cal 7 mdq	7	✓	500.0	524.8	105.0
cal 8 mdq	8	✓	1000.0	1036.0	103.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



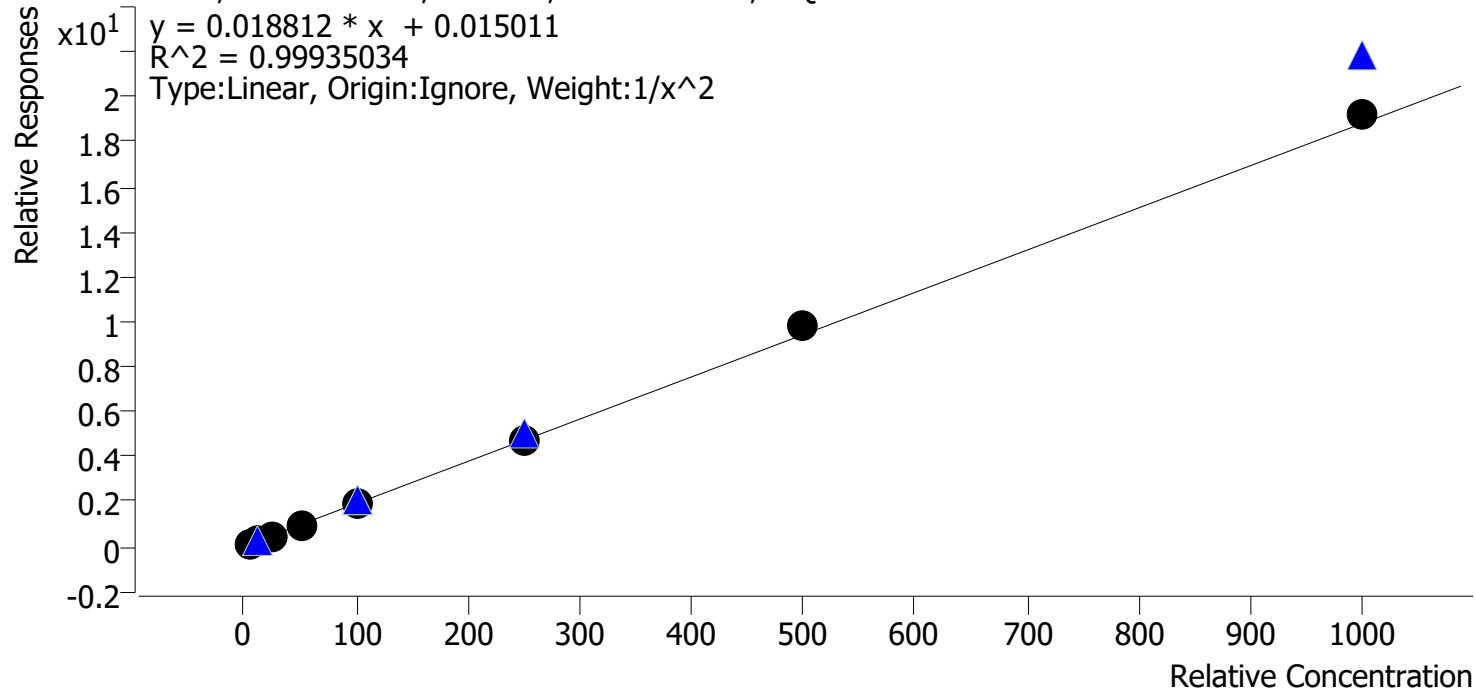
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	24.3	97.4
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	255.2	102.1
cal 7 mdq	7	✓	500.0	517.2	103.4
cal 8 mdq	8	✓	1000.0	954.8	95.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



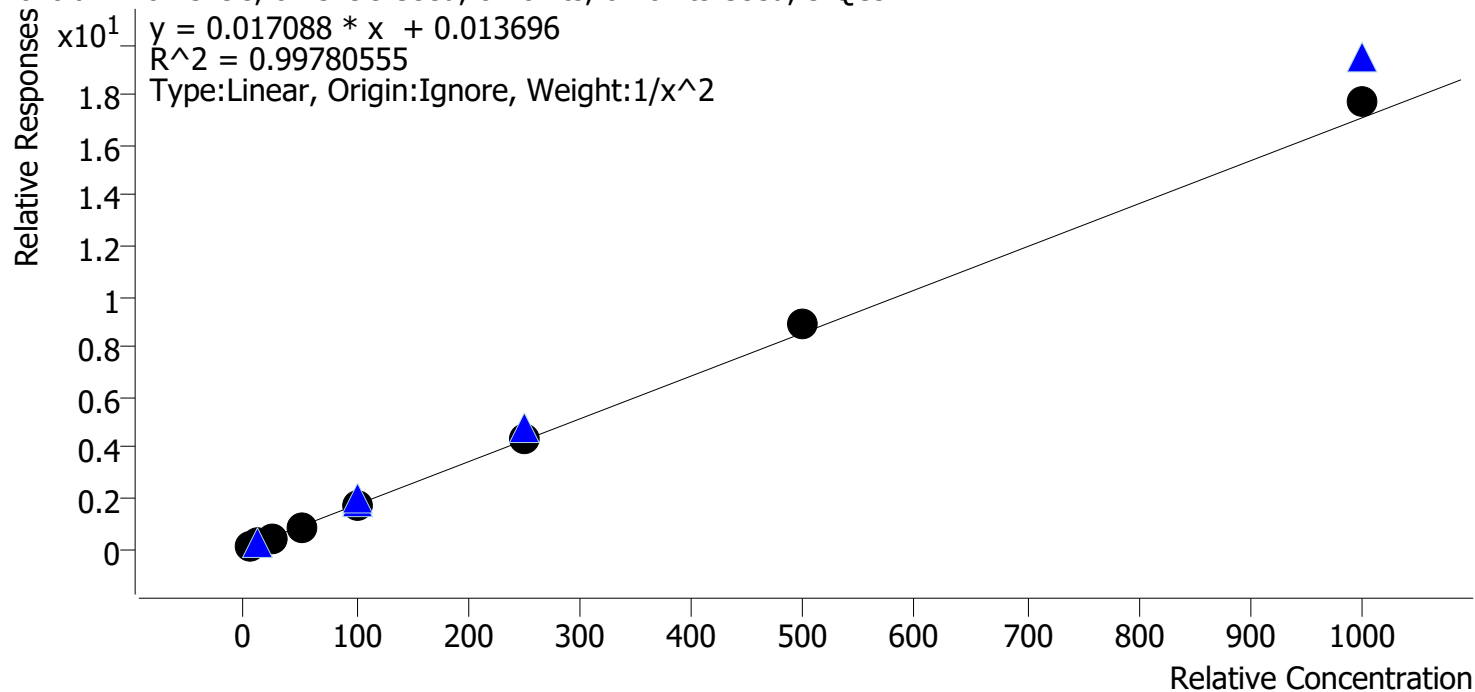
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	24.3	97.0
cal 4 mdq	4	✓	50.0	49.6	99.1
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	247.0	98.8
cal 7 mdq	7	✓	500.0	517.5	103.5
cal 8 mdq	8	✓	1000.0	1024.2	102.4

Compound Calibration Report



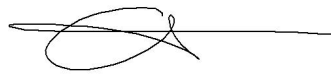
Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Alprazolam-D5

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



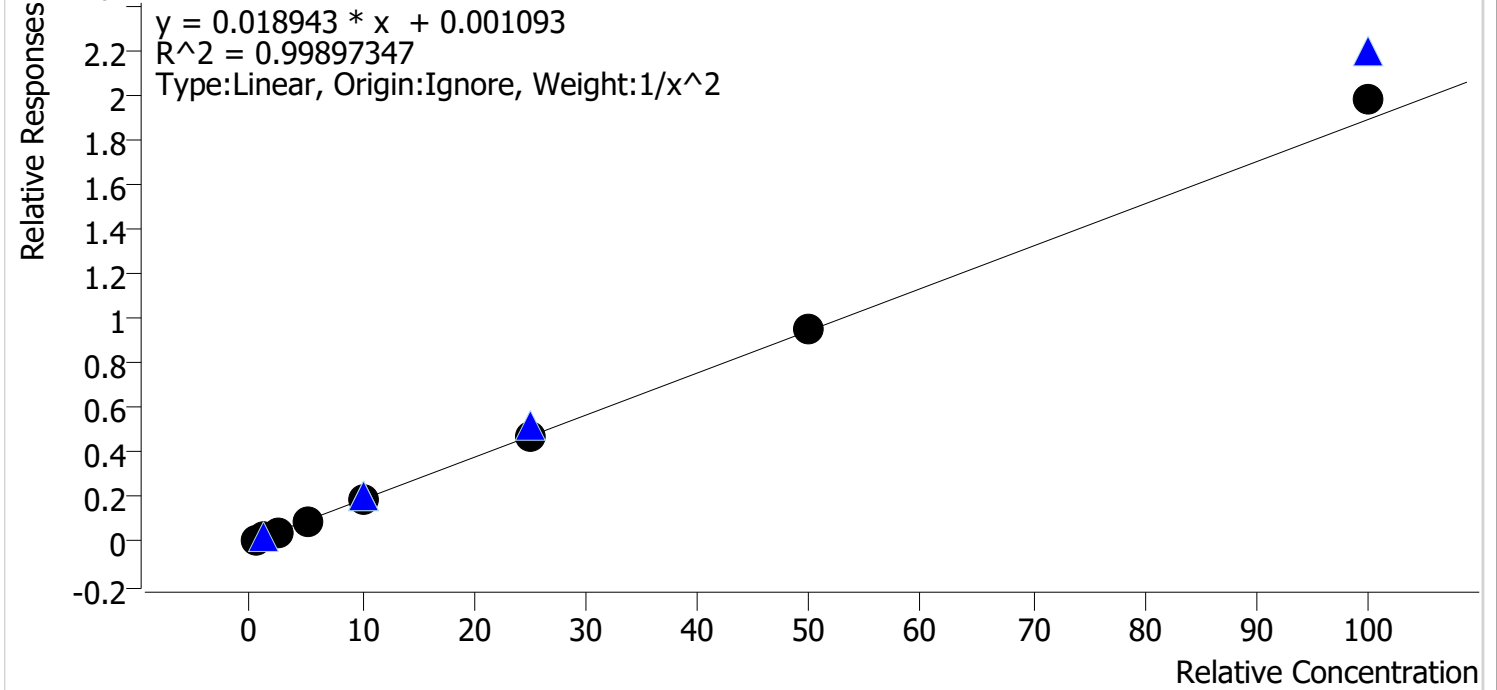
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.1
cal 2 mdq	2	✓	10.0	9.4	94.1
cal 3 mdq	3	✓	25.0	23.7	95.0
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	252.9	101.2
cal 7 mdq	7	✓	500.0	522.3	104.5
cal 8 mdq	8	✓	1000.0	1038.2	103.8

Compound Calibration Report



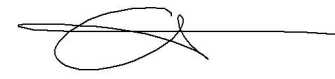
Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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

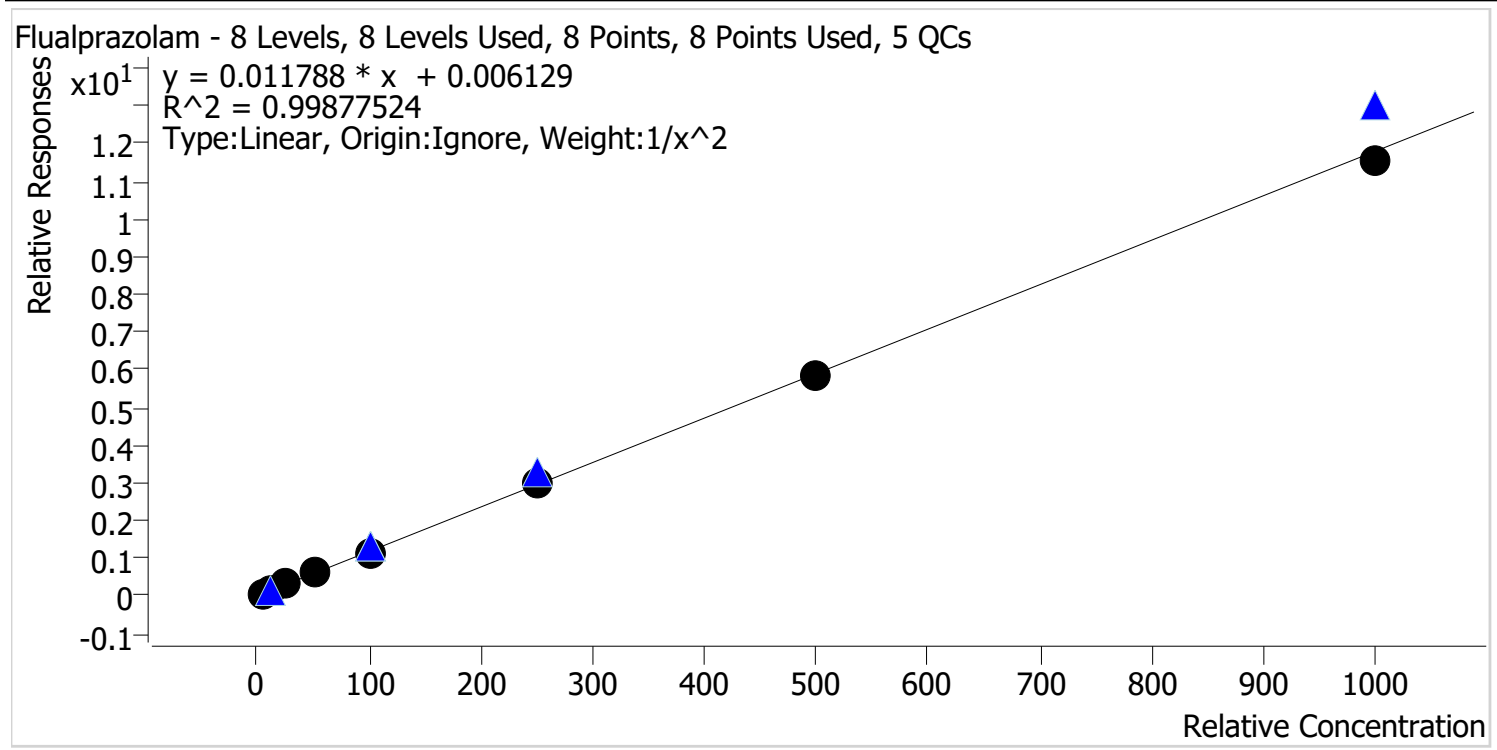


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	102.2
cal 2 mdq	2	✓	1.0	1.0	97.2
cal 3 mdq	3	✓	2.5	2.4	97.6
cal 4 mdq	4	✓	5.0	4.8	96.7
cal 5 mdq	5	✓	10.0	10.0	99.6
cal 6 mdq	6	✓	25.0	25.1	100.6
cal 7 mdq	7	✓	50.0	50.7	101.5
cal 8 mdq	8	✓	100.0	104.7	104.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

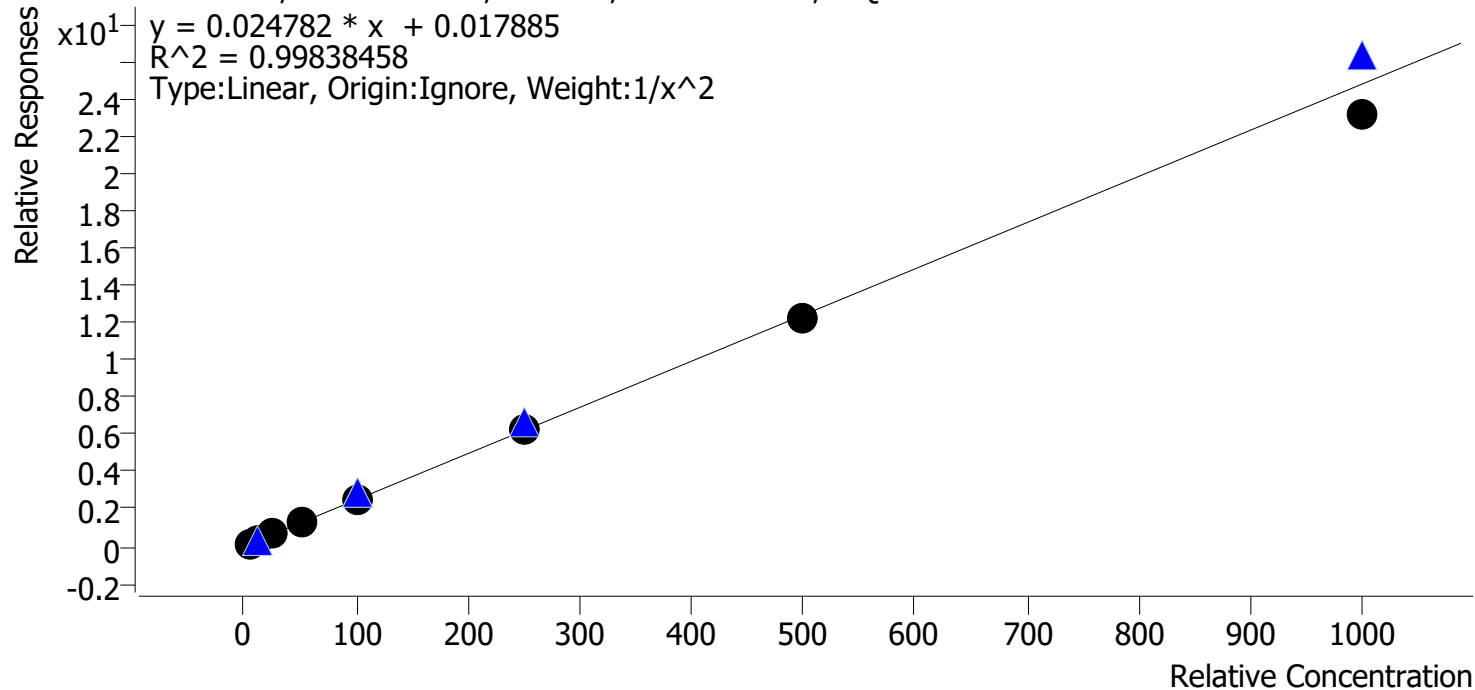


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.6	106.4
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	49.5	99.1
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	256.8	102.7
cal 7 mdq	7	✓	500.0	497.4	99.5
cal 8 mdq	8	✓	1000.0	982.9	98.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



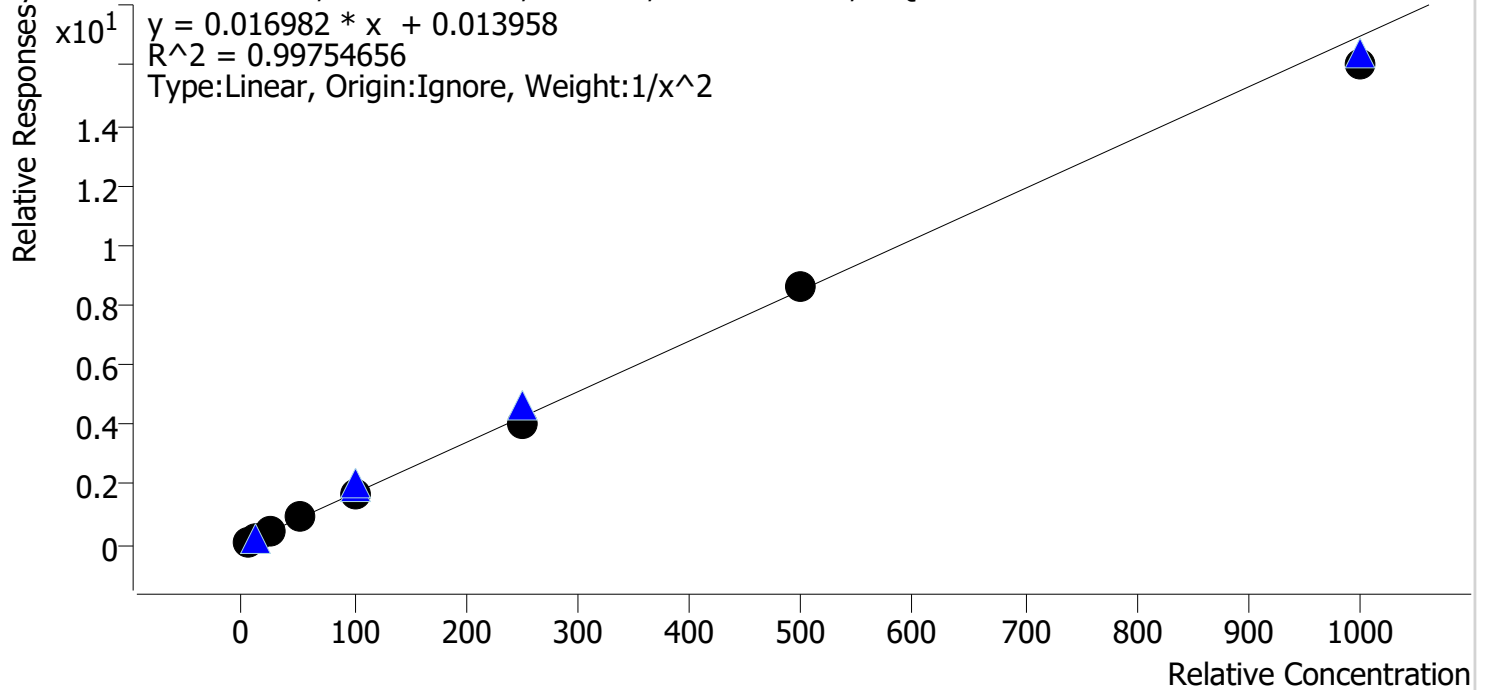
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	26.0	104.1
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	249.2	99.7
cal 7 mdq	7	✓	500.0	490.2	98.0
cal 8 mdq	8	✓	1000.0	932.7	93.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



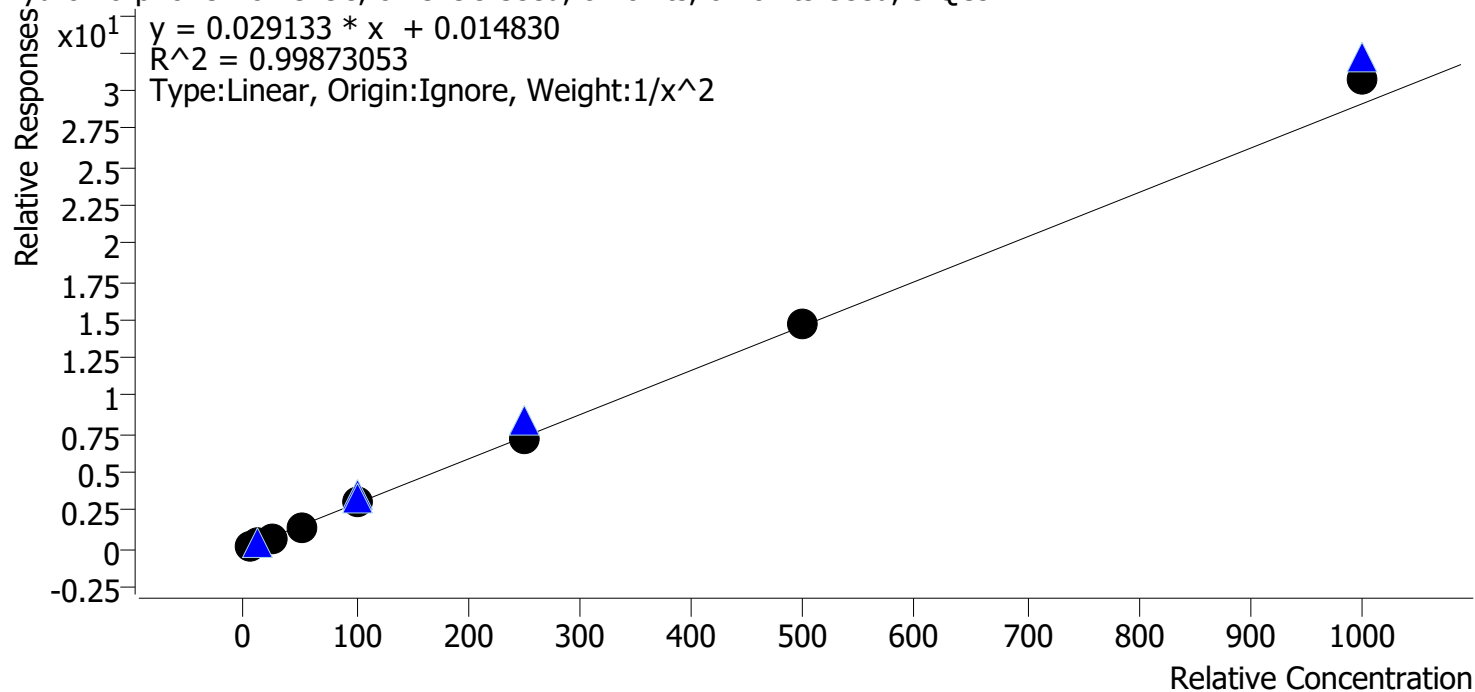
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.4
cal 2 mdq	2	✓	10.0	10.5	105.5
cal 3 mdq	3	✓	25.0	25.5	102.2
cal 4 mdq	4	✓	50.0	52.5	105.1
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	237.4	95.0
cal 7 mdq	7	✓	500.0	506.2	101.2
cal 8 mdq	8	✓	1000.0	945.7	94.6

Compound Calibration Report



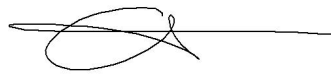
Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



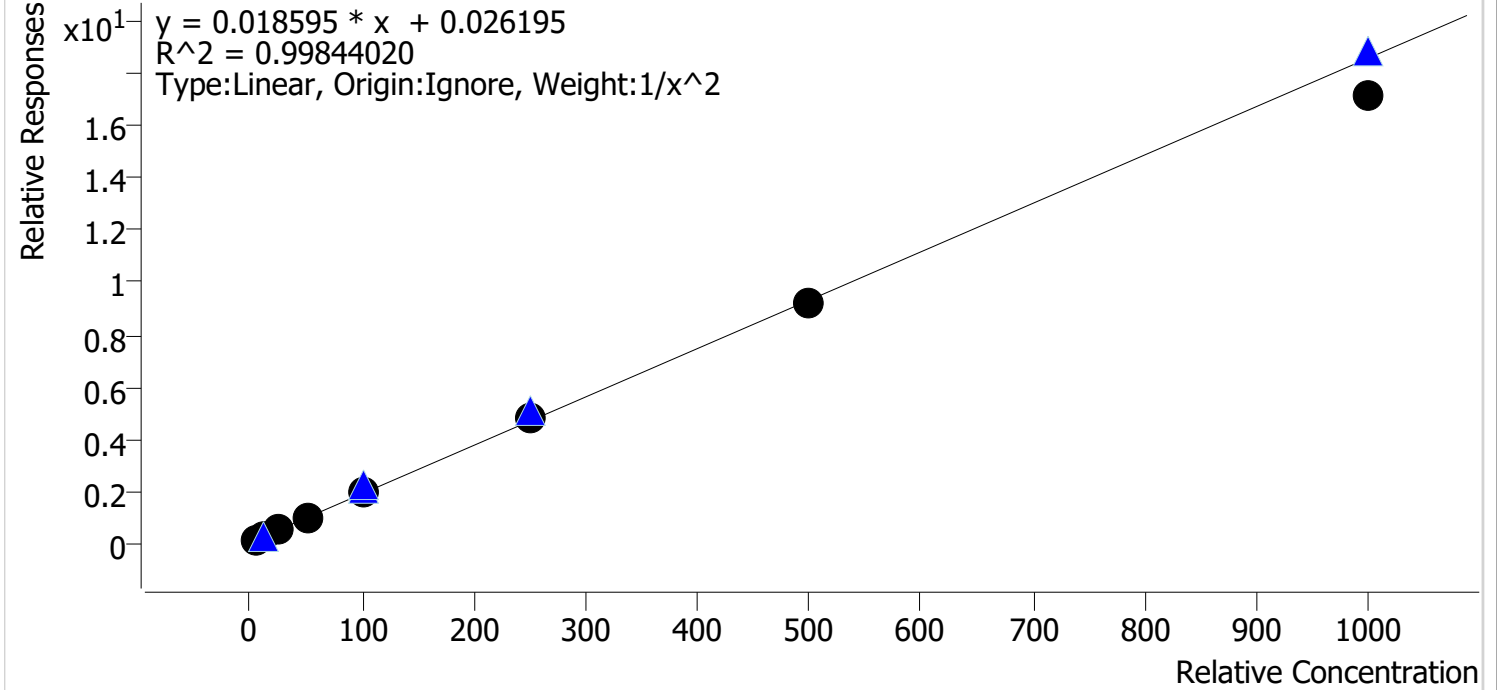
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.7	96.9
cal 3 mdq	3	✓	25.0	24.0	96.2
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	99.8	99.8
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	505.1	101.0
cal 8 mdq	8	✓	1000.0	1057.8	105.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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

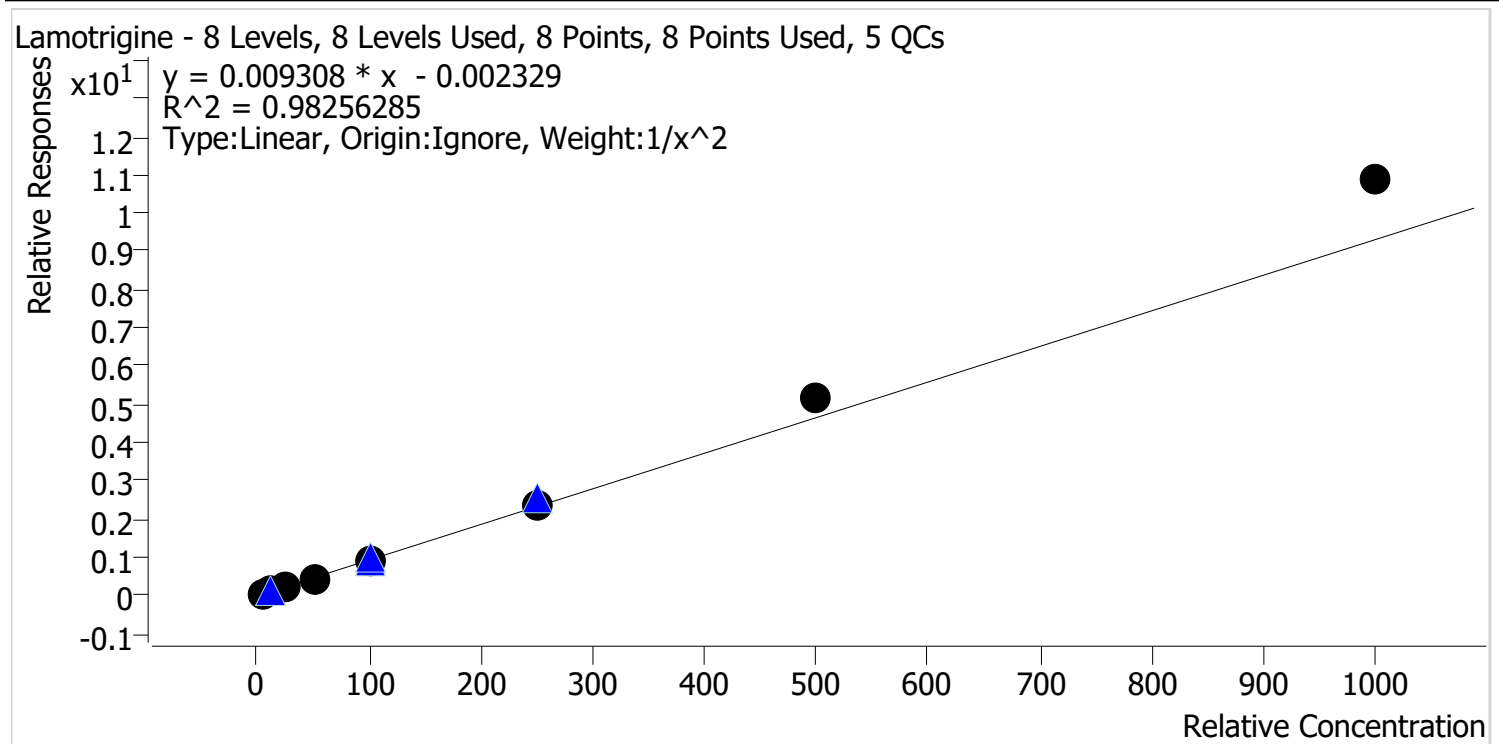


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	255.6	102.2
cal 7 mdq	7	✓	500.0	497.6	99.5
cal 8 mdq	8	✓	1000.0	924.2	92.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** 7-Aminoclonazepam-D4



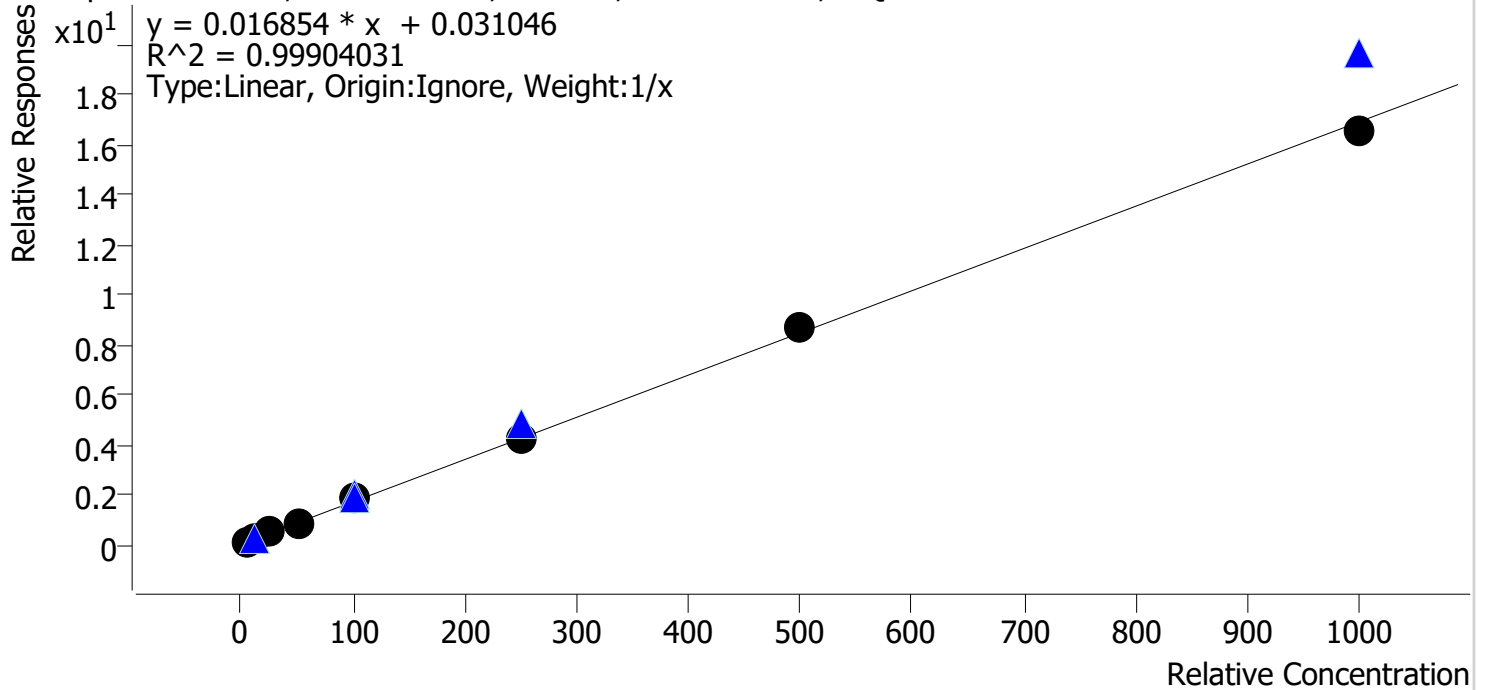
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.2
cal 2 mdq	2	✓	10.0	9.6	95.8
cal 3 mdq	3	✓	25.0	21.8	87.2
cal 4 mdq	4	✓	50.0	42.7	85.4
cal 5 mdq	5	✓	100.0	93.3	93.3
cal 6 mdq	6	✓	250.0	256.3	102.5
cal 7 mdq	7	✓	500.0	560.7	112.1
cal 8 mdq	8	✓	1000.0	1174.5	117.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



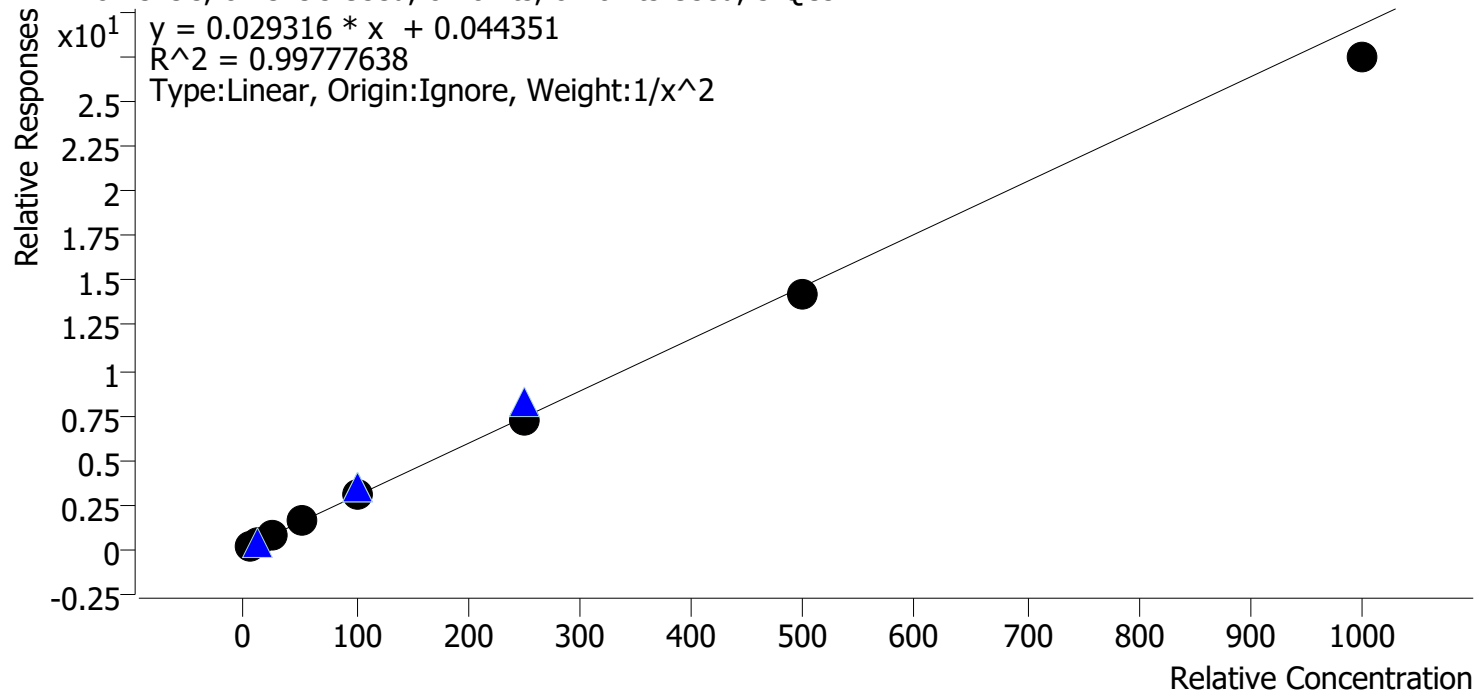
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	8.4	84.2
cal 3 mdq	3	✓	25.0	25.8	103.3
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	107.4	107.4
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	513.0	102.6
cal 8 mdq	8	✓	1000.0	977.4	97.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



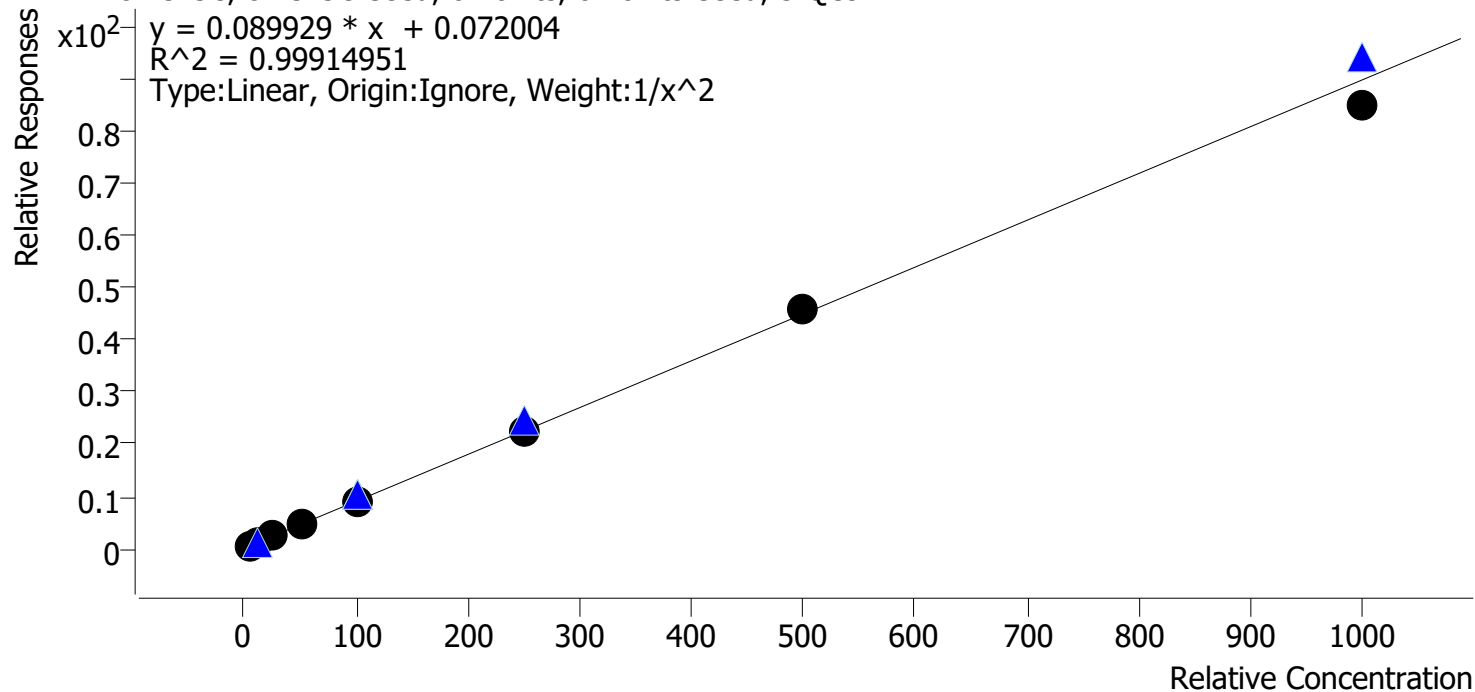
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	26.0	103.9
cal 4 mdq	4	✓	50.0	52.9	105.8
cal 5 mdq	5	✓	100.0	102.4	102.4
cal 6 mdq	6	✓	250.0	245.6	98.2
cal 7 mdq	7	✓	500.0	482.5	96.5
cal 8 mdq	8	✓	1000.0	936.8	93.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



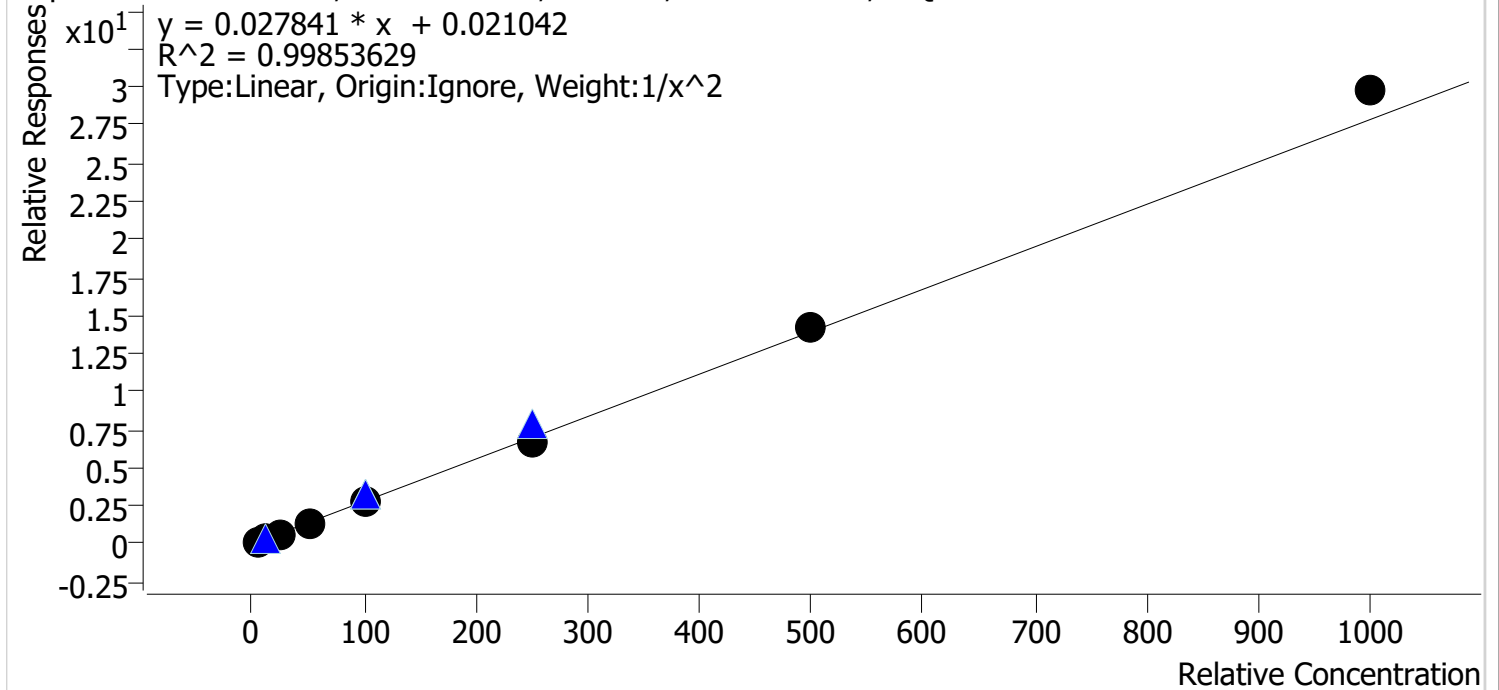
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	24.9	99.8
cal 4 mdq	4	✓	50.0	50.8	101.5
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	248.5	99.4
cal 7 mdq	7	✓	500.0	513.9	102.8
cal 8 mdq	8	✓	1000.0	945.5	94.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



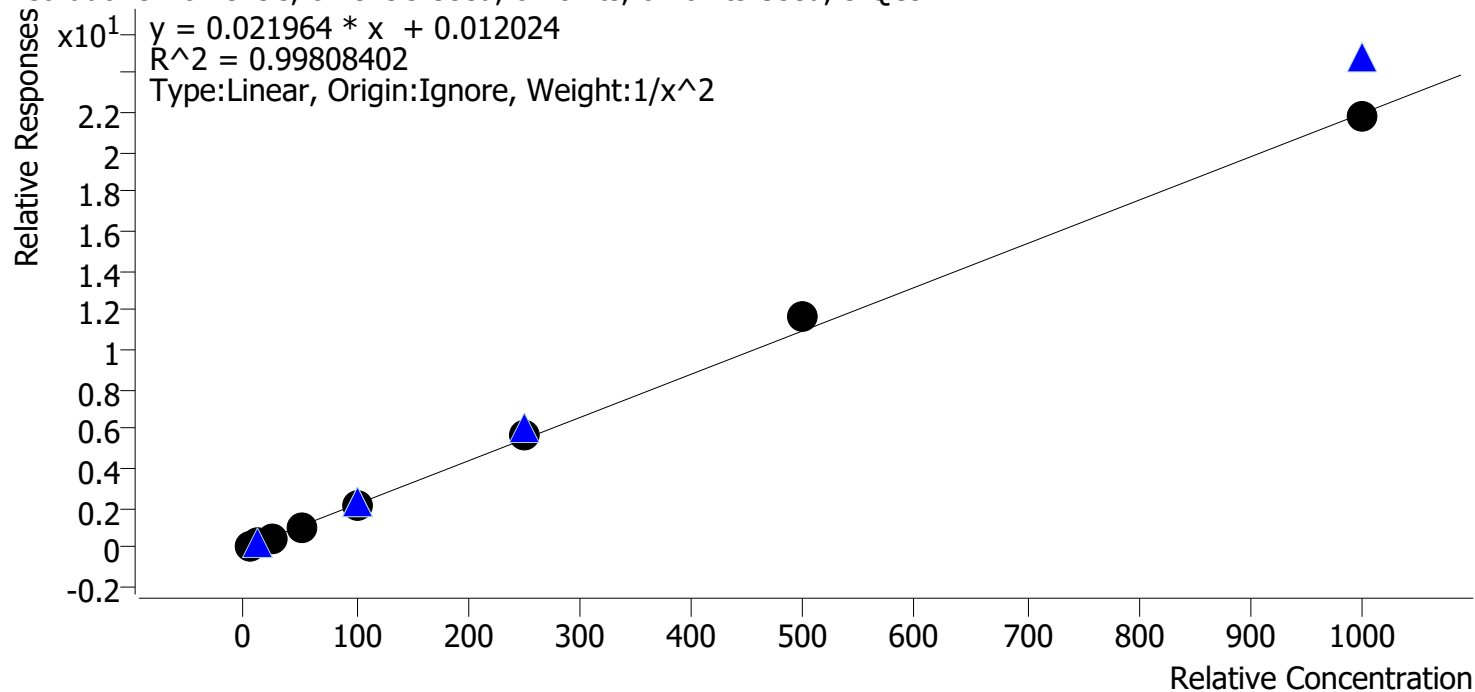
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	239.1	95.6
cal 7 mdq	7	✓	500.0	511.3	102.3
cal 8 mdq	8	✓	1000.0	1066.4	106.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



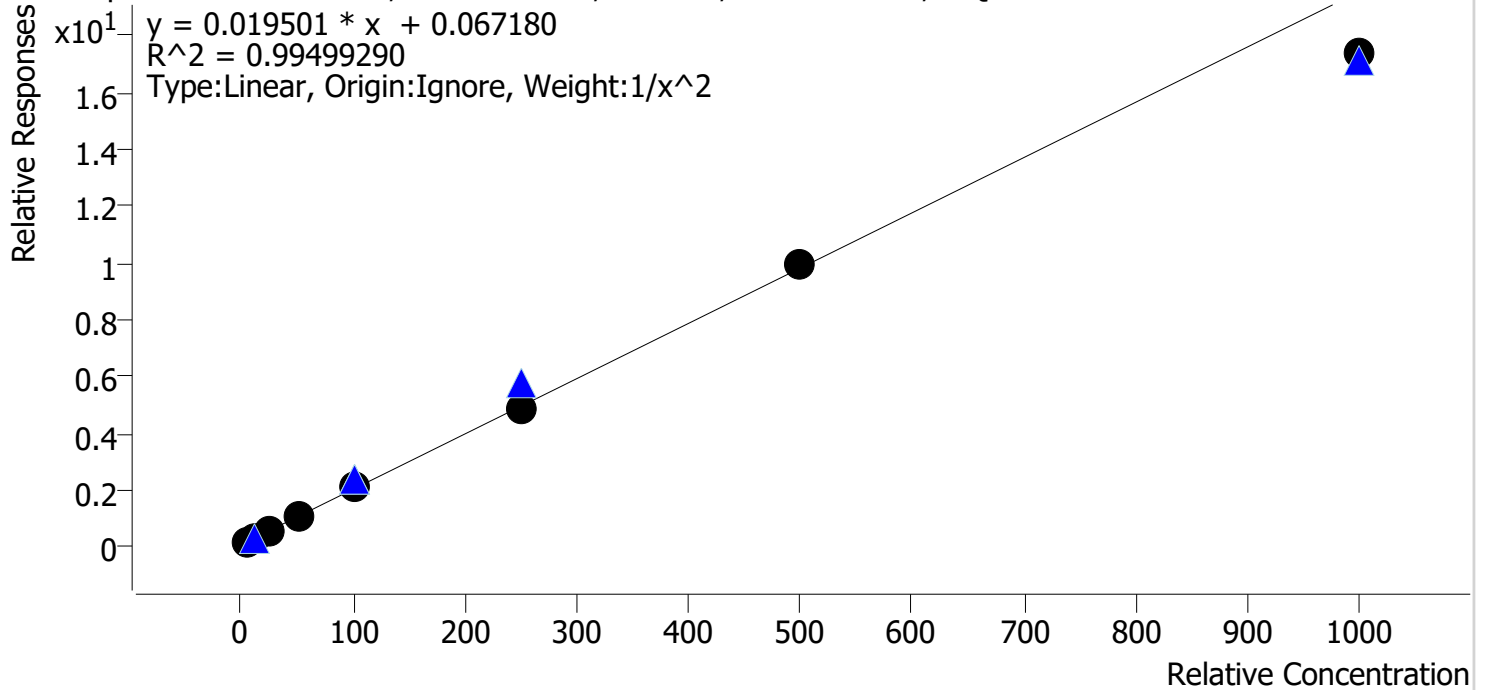
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	47.9	95.7
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	257.6	103.0
cal 7 mdq	7	✓	500.0	532.5	106.5
cal 8 mdq	8	✓	1000.0	995.7	99.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



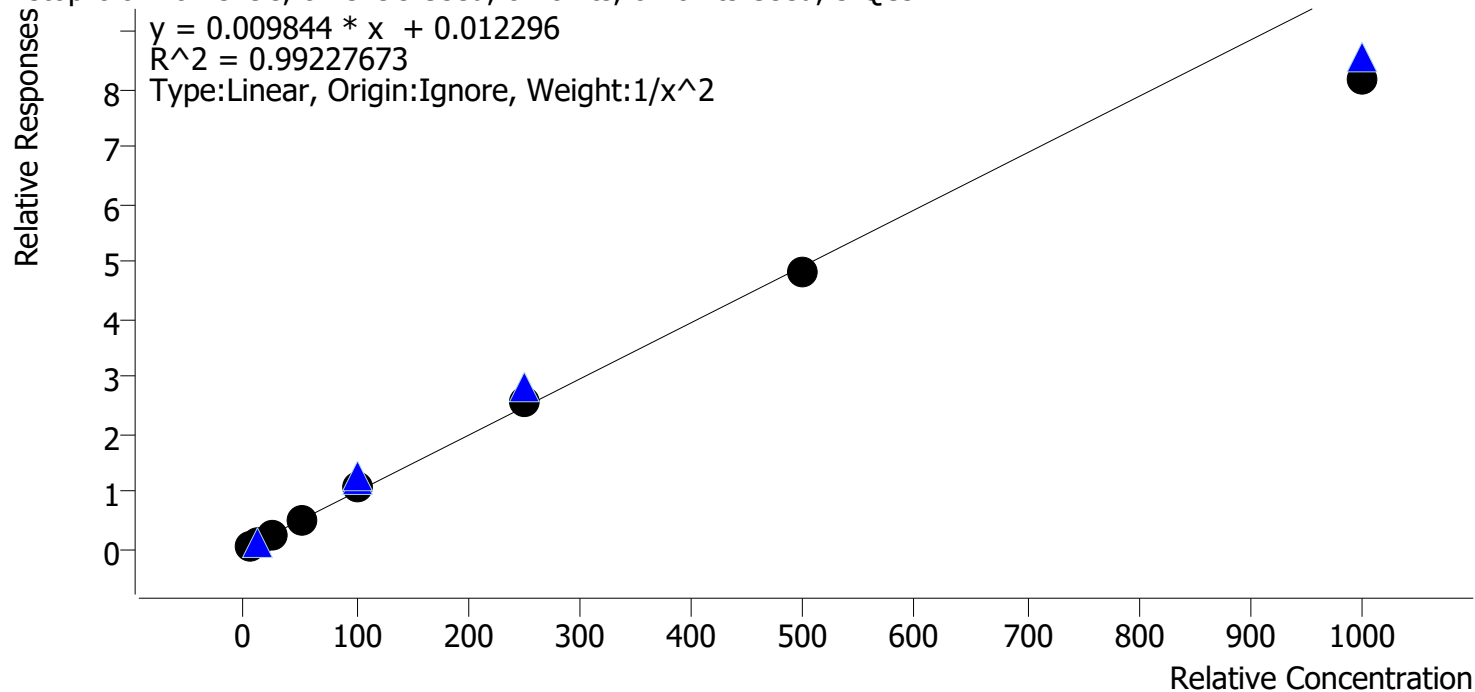
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.6	95.5
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	54.2	108.3
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	244.3	97.7
cal 7 mdq	7	✓	500.0	510.0	102.0
cal 8 mdq	8	✓	1000.0	888.1	88.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.3
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	26.0	103.9
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	107.0	107.0
cal 6 mdq	6	✓	250.0	258.4	103.4
cal 7 mdq	7	✓	500.0	490.9	98.2
cal 8 mdq	8	✓	1000.0	828.9	82.9

Compound Calibration Report

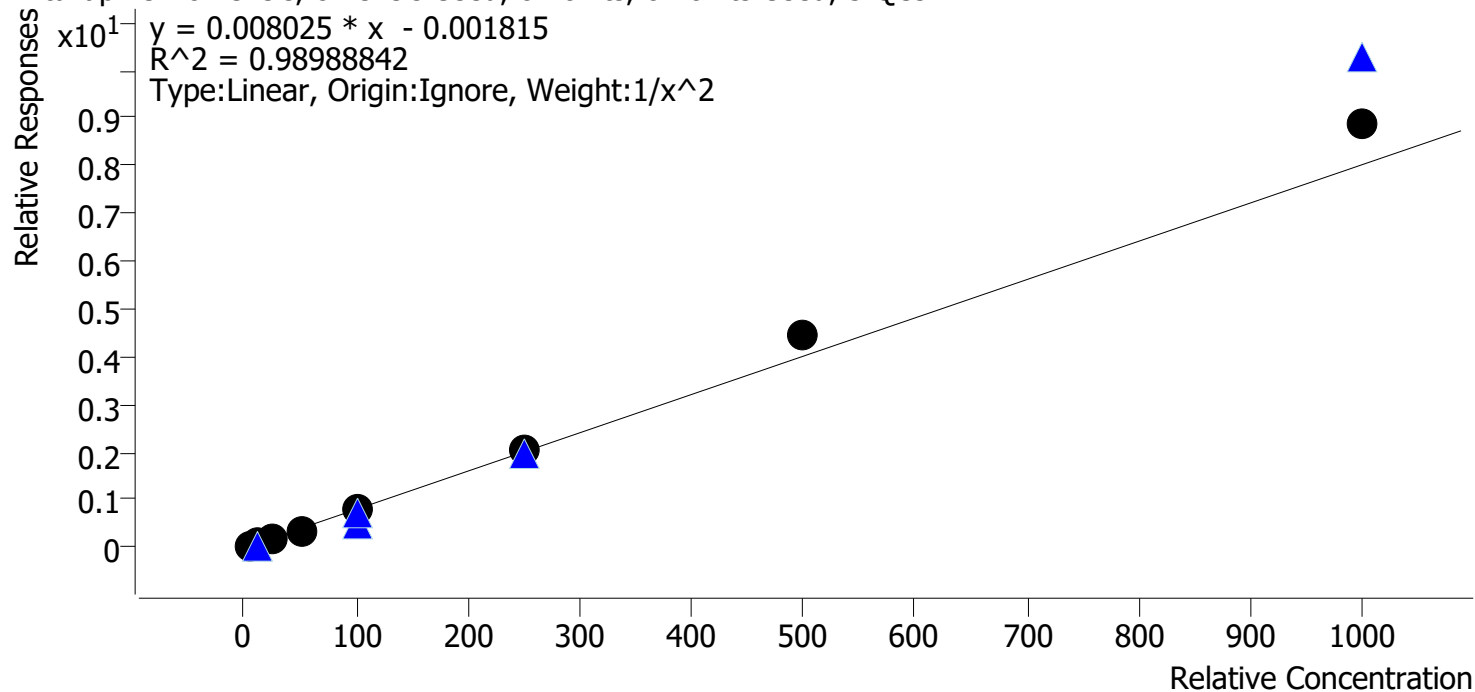


Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Mirtazapine

Internal Standard

Pseudoephedrine-D3

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



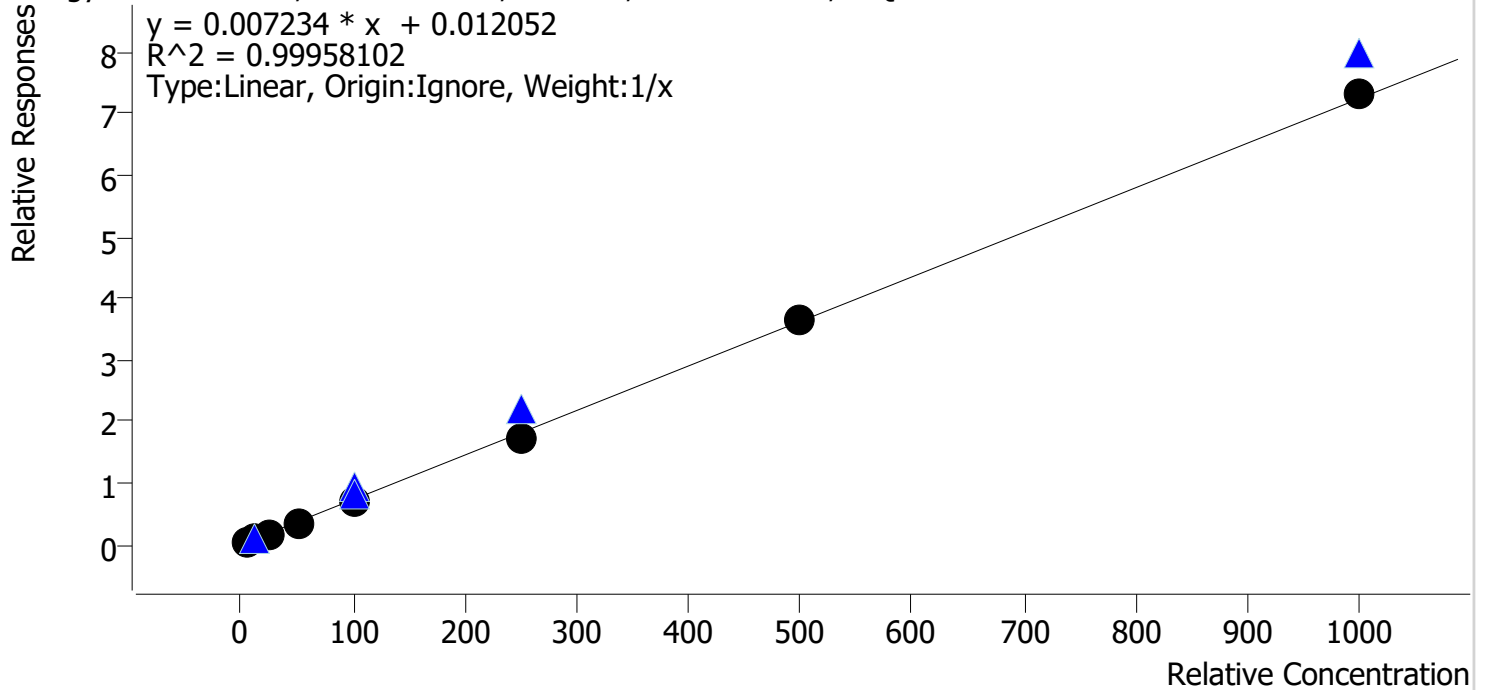
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.9
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	22.6	90.6
cal 4 mdq	4	✓	50.0	43.3	86.7
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	254.0	101.6
cal 7 mdq	7	✓	500.0	555.0	111.0
cal 8 mdq	8	✓	1000.0	1109.7	111.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Fentanyl-D5

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



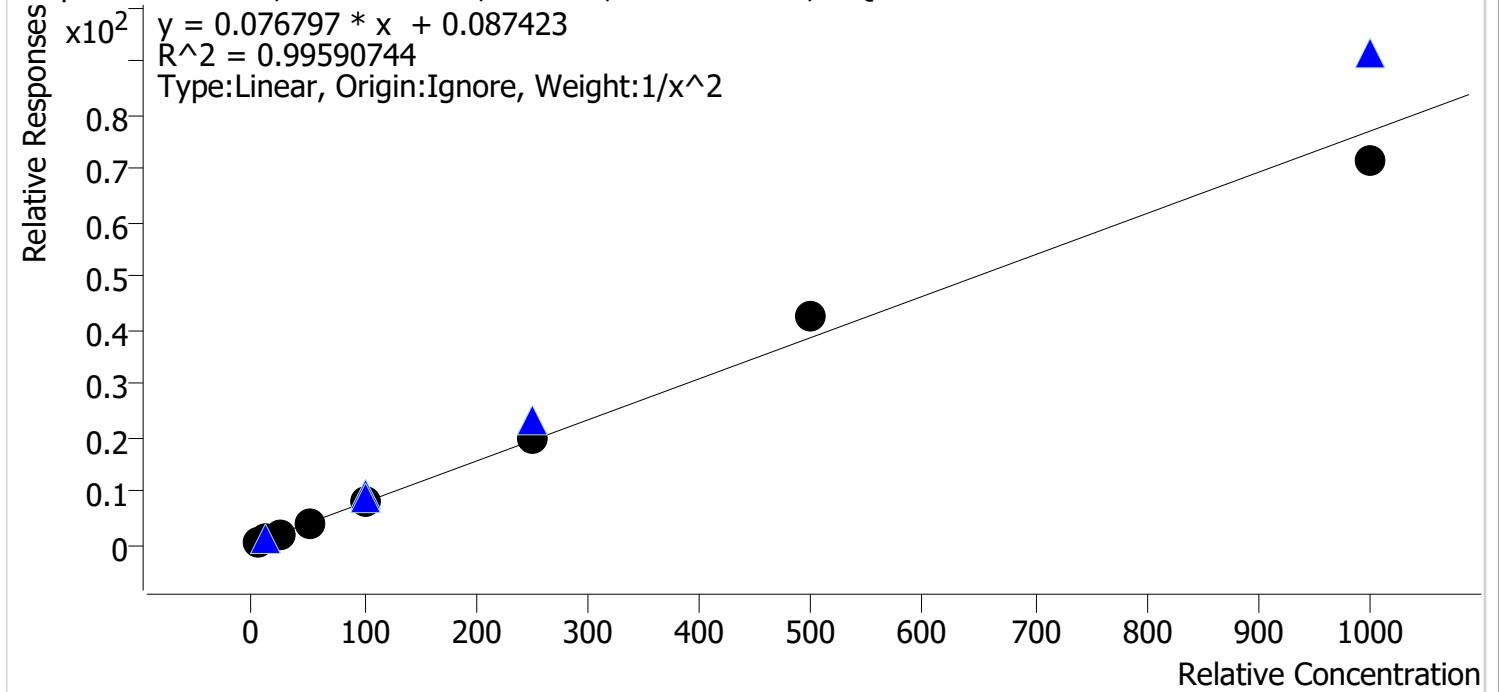
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	108.5
cal 2 mdq	2	✓	10.0	10.4	104.2
cal 3 mdq	3	✓	25.0	23.6	94.2
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	96.6	96.6
cal 6 mdq	6	✓	250.0	240.8	96.3
cal 7 mdq	7	✓	500.0	505.5	101.1
cal 8 mdq	8	✓	1000.0	1008.6	100.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



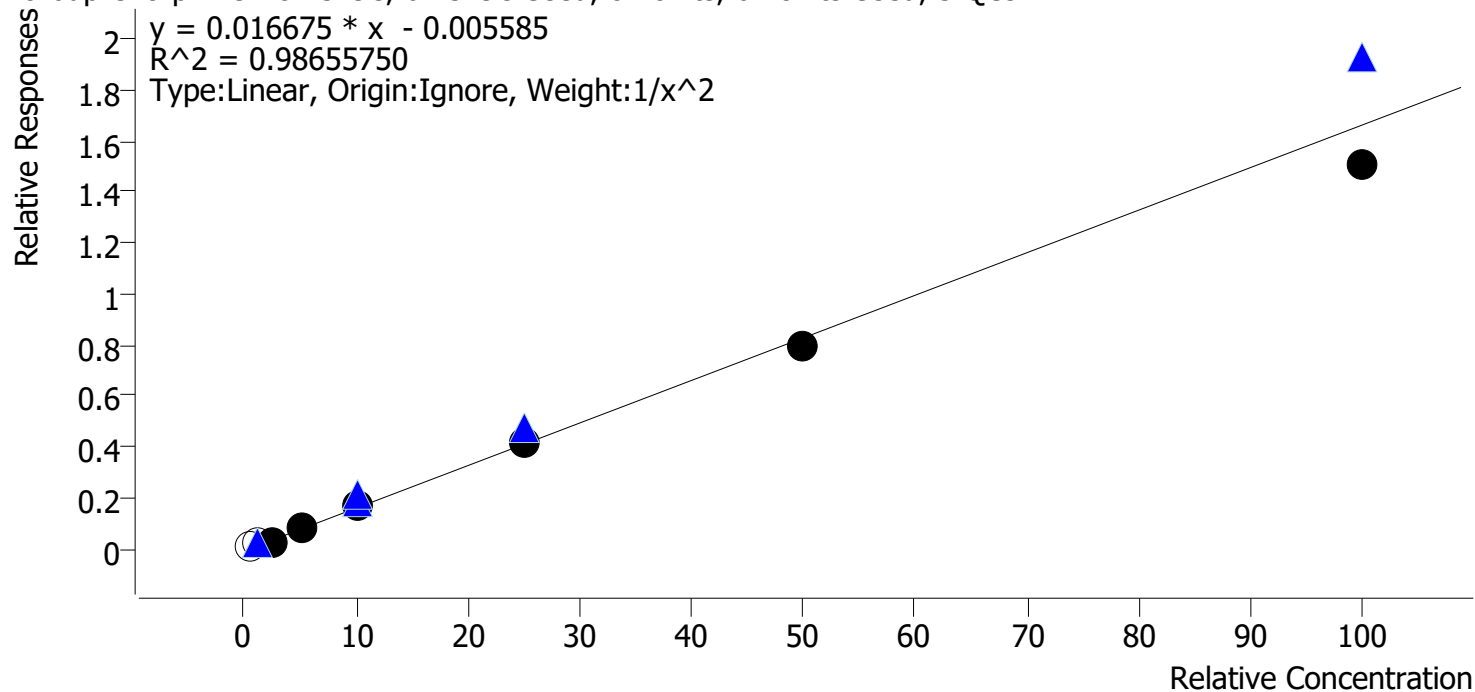
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.5	104.8
cal 3 mdq	3	✓	25.0	23.5	94.1
cal 4 mdq	4	✓	50.0	49.1	98.3
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	257.1	102.8
cal 7 mdq	7	✓	500.0	548.4	109.7
cal 8 mdq	8	✓	1000.0	928.4	92.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	1.2	234.2
cal 2 mdq	2	x	1.0	1.5	153.4
cal 3 mdq	3	✓	2.5	2.3	91.5
cal 4 mdq	4	✓	5.0	5.7	114.0
cal 5 mdq	5	✓	10.0	10.8	107.9
cal 6 mdq	6	✓	25.0	25.0	100.0
cal 7 mdq	7	✓	50.0	48.1	96.2
cal 8 mdq	8	✓	100.0	90.4	90.4

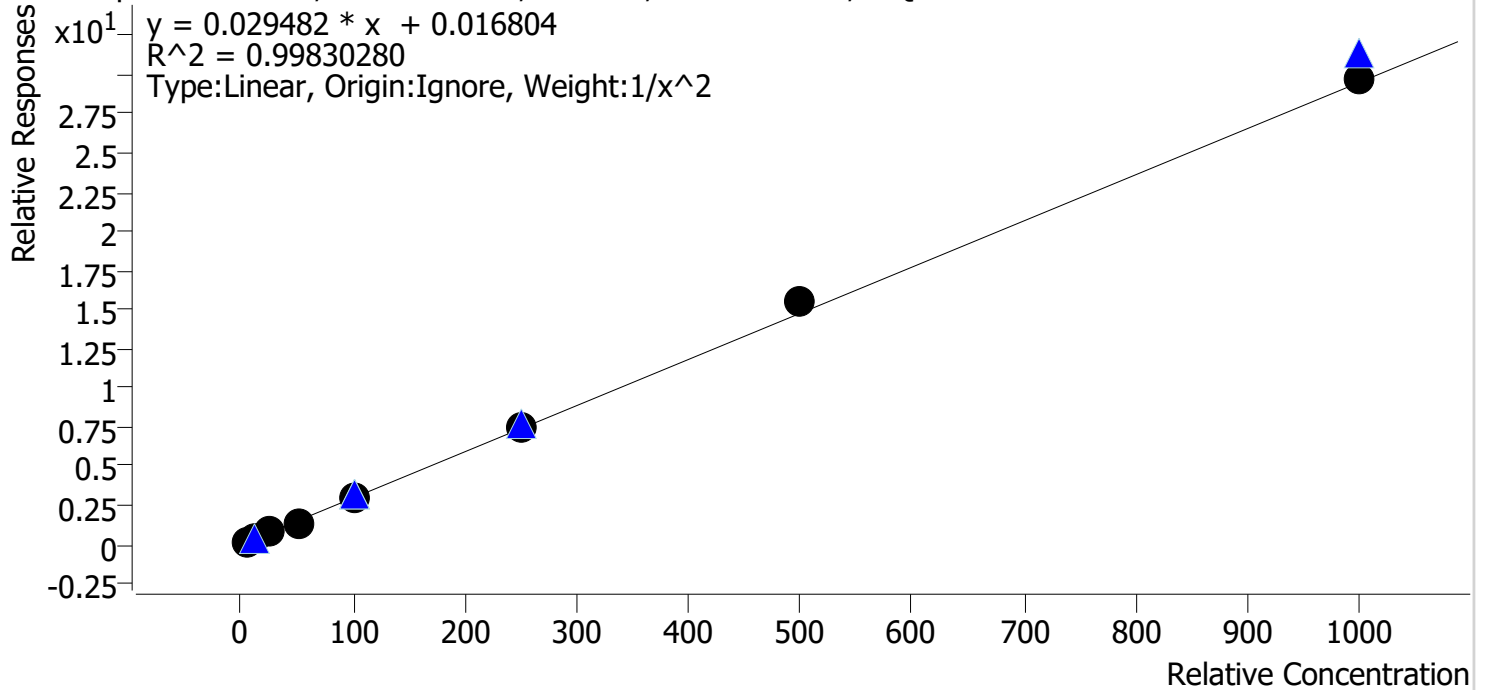
cal 1 and 2 dropped poor peak shape and response

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



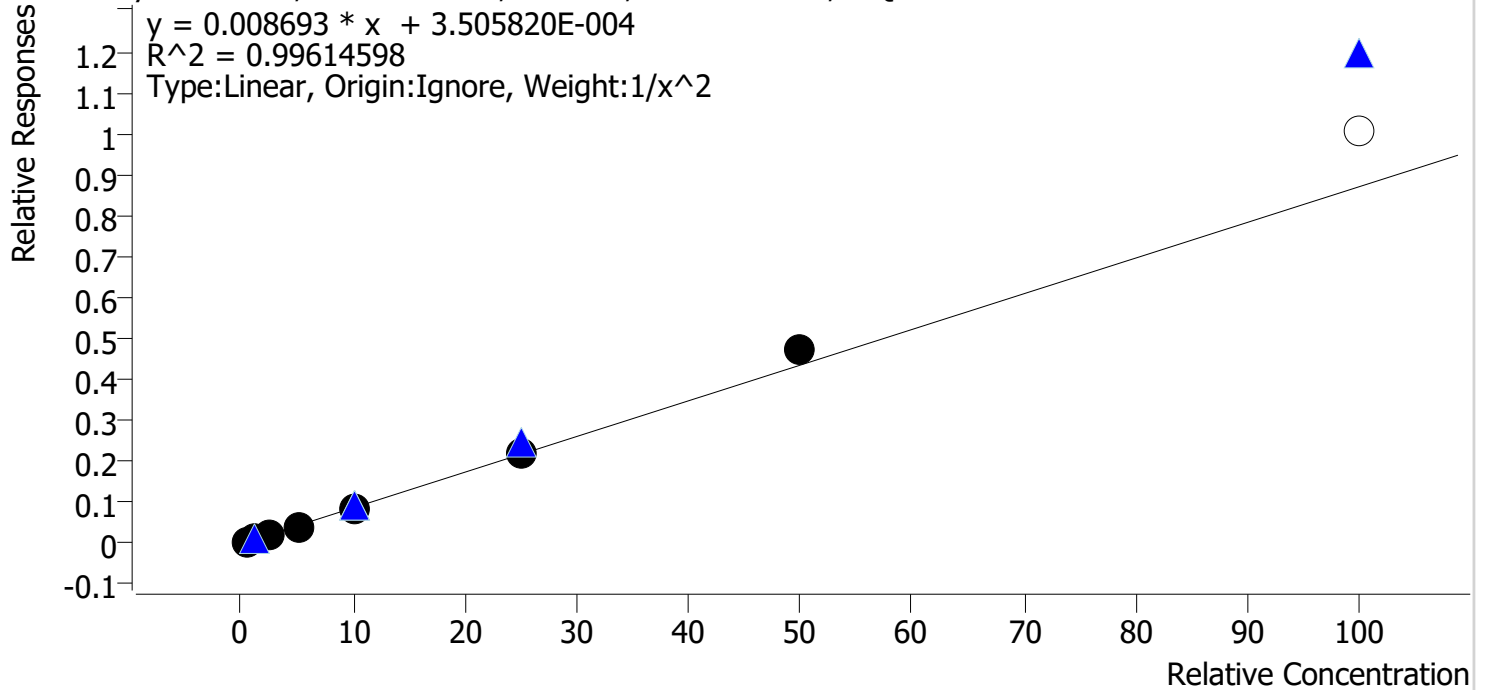
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	47.0	93.9
cal 5 mdq	5	✓	100.0	103.3	103.3
cal 6 mdq	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	523.8	104.8
cal 8 mdq	8	✓	1000.0	1010.6	101.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	102.1
cal 2 mdq	2	✓	1.0	1.0	99.5
cal 3 mdq	3	✓	2.5	2.3	91.9
cal 4 mdq	4	✓	5.0	4.9	98.0
cal 5 mdq	5	✓	10.0	9.7	97.2
cal 6 mdq	6	✓	25.0	25.6	102.6
cal 7 mdq	7	✓	50.0	54.4	108.8
cal 8 mdq	8	x	100.0	115.9	115.9

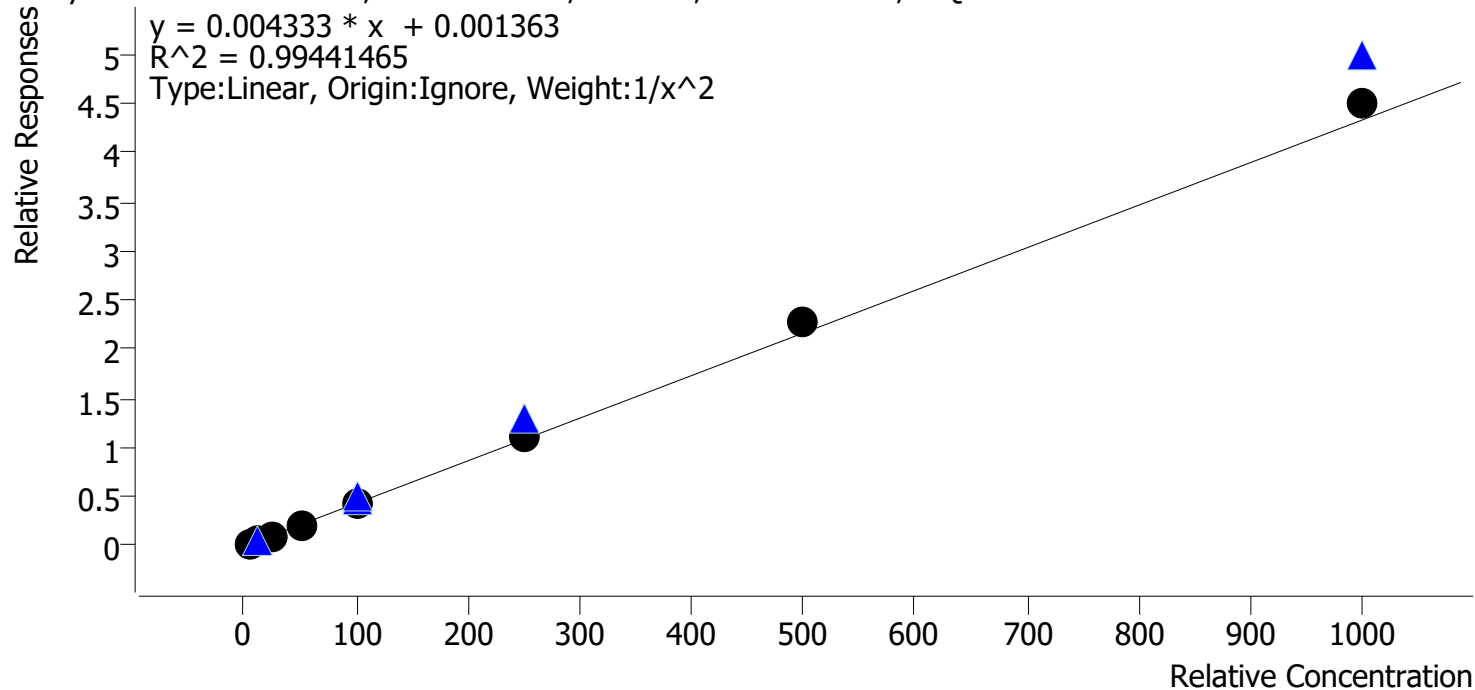
cal 8 dropped accuracy of control

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



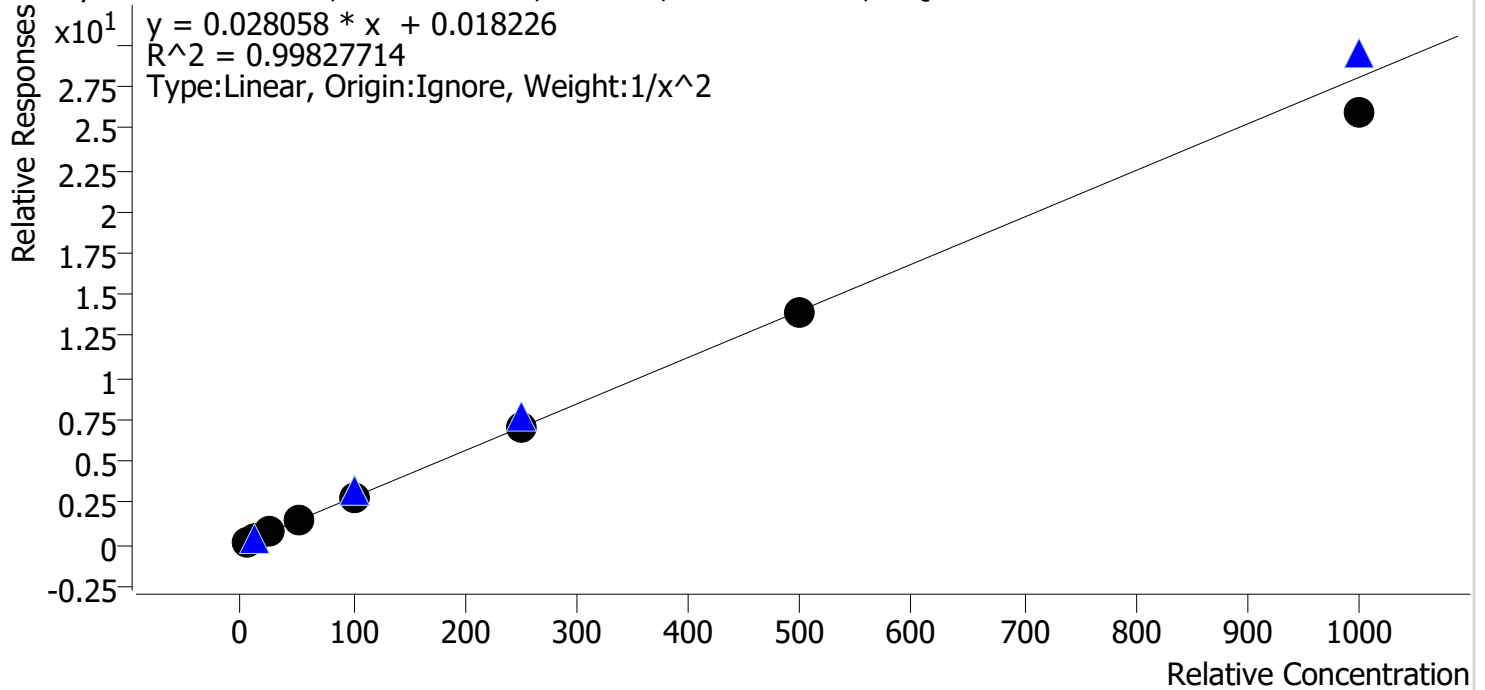
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	107.2
cal 2 mdq	2	✓	10.0	8.9	88.6
cal 3 mdq	3	✓	25.0	22.9	91.8
cal 4 mdq	4	✓	50.0	49.7	99.4
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	255.5	102.2
cal 7 mdq	7	✓	500.0	523.6	104.7
cal 8 mdq	8	✓	1000.0	1041.2	104.1

Compound Calibration Report



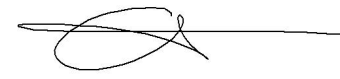
Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

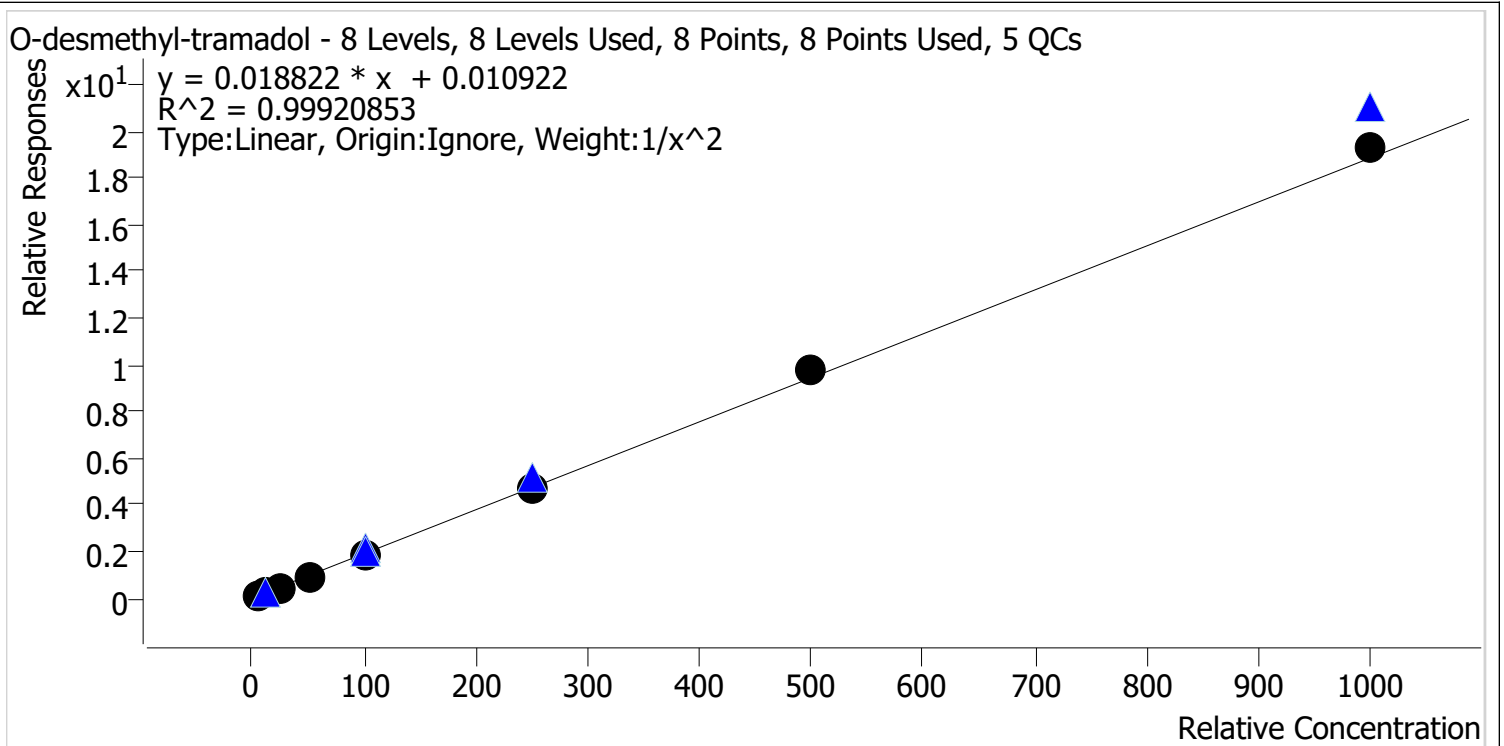


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.3	103.0
cal 3 mdq	3	✓	25.0	25.4	101.6
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	253.4	101.4
cal 7 mdq	7	✓	500.0	499.1	99.8
cal 8 mdq	8	✓	1000.0	921.4	92.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



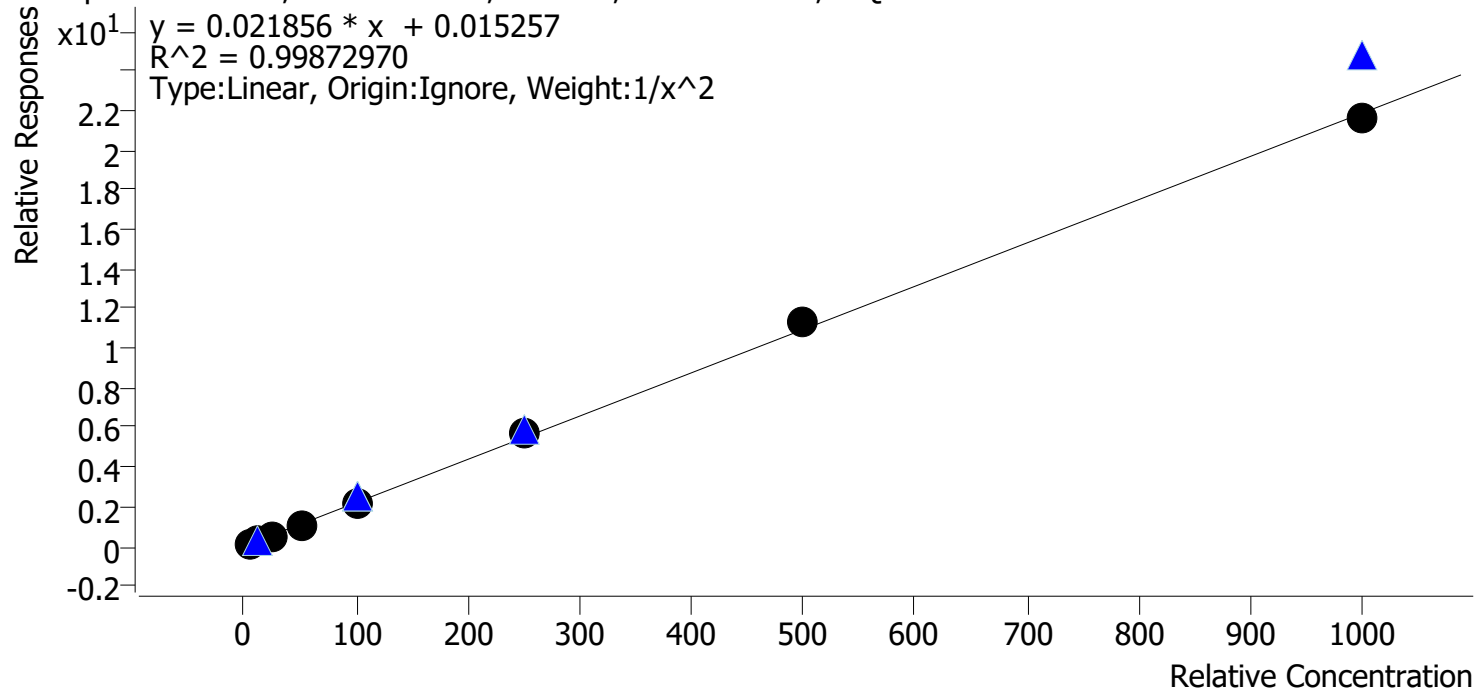
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	49.3	98.6
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	519.5	103.9
cal 8 mdq	8	✓	1000.0	1027.7	102.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



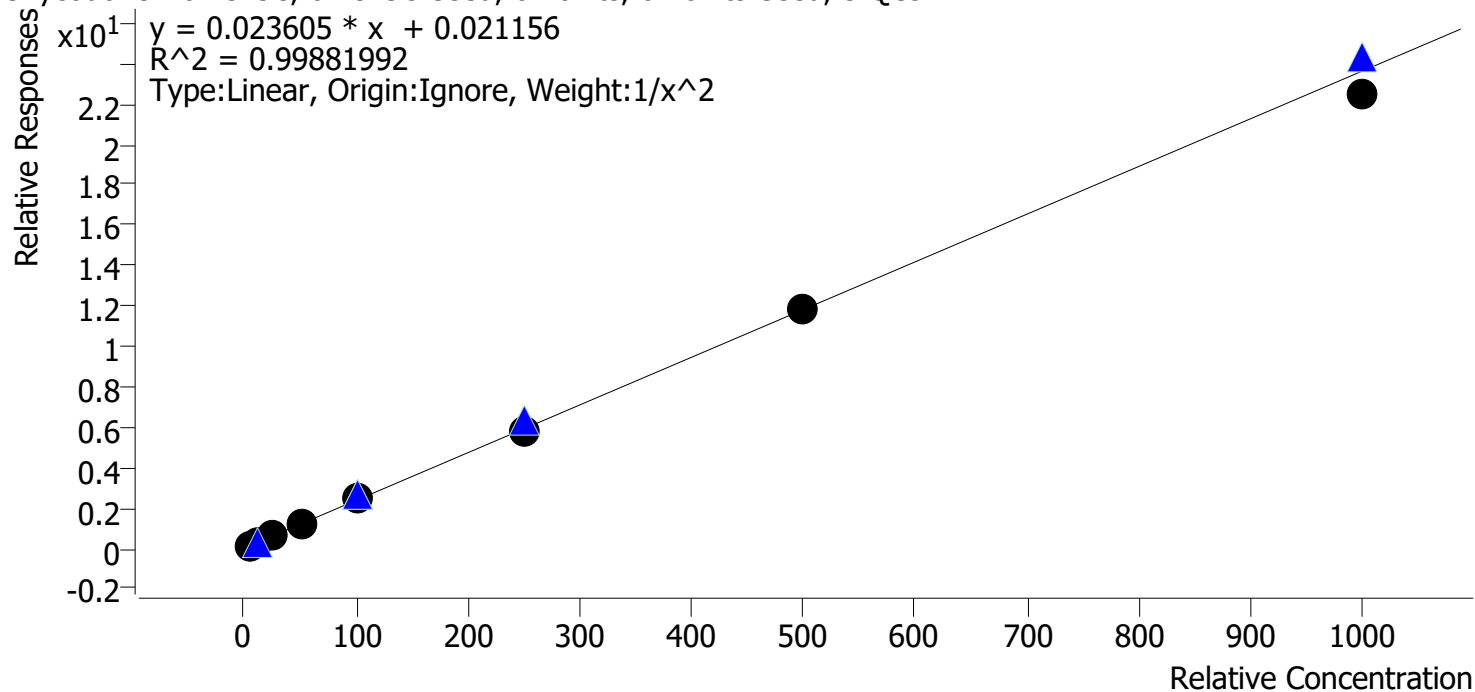
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	23.3	93.2
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	257.5	103.0
cal 7 mdq	7	✓	500.0	514.2	102.8
cal 8 mdq	8	✓	1000.0	992.6	99.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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

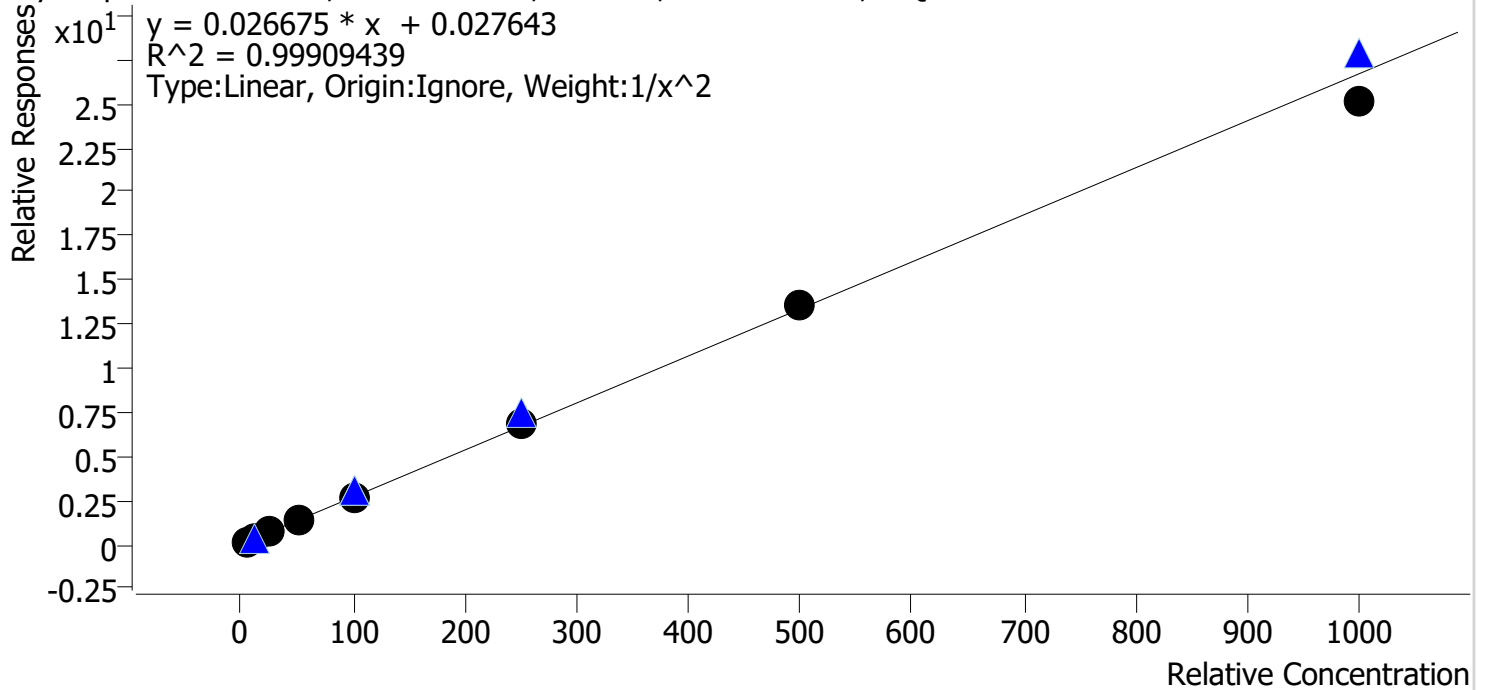


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.3
cal 2 mdq	2	✓	10.0	10.5	104.8
cal 3 mdq	3	✓	25.0	25.0	100.2
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	101.7	101.7
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	502.6	100.5
cal 8 mdq	8	✓	1000.0	951.5	95.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	253.5	101.4
cal 7 mdq	7	✓	500.0	507.2	101.4
cal 8 mdq	8	✓	1000.0	939.5	94.0

Compound Calibration Report

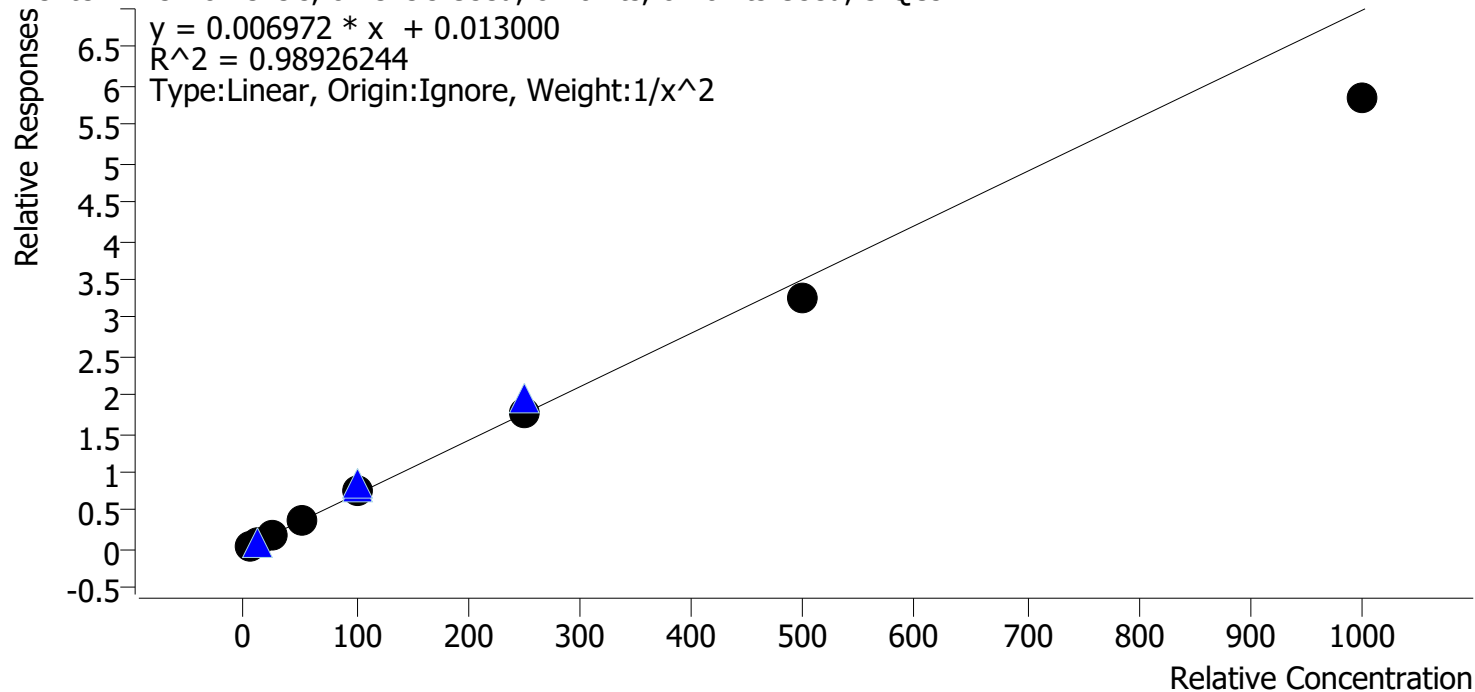


Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Phentermine

Internal Standard

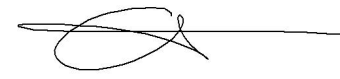
Phentermine-D5

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



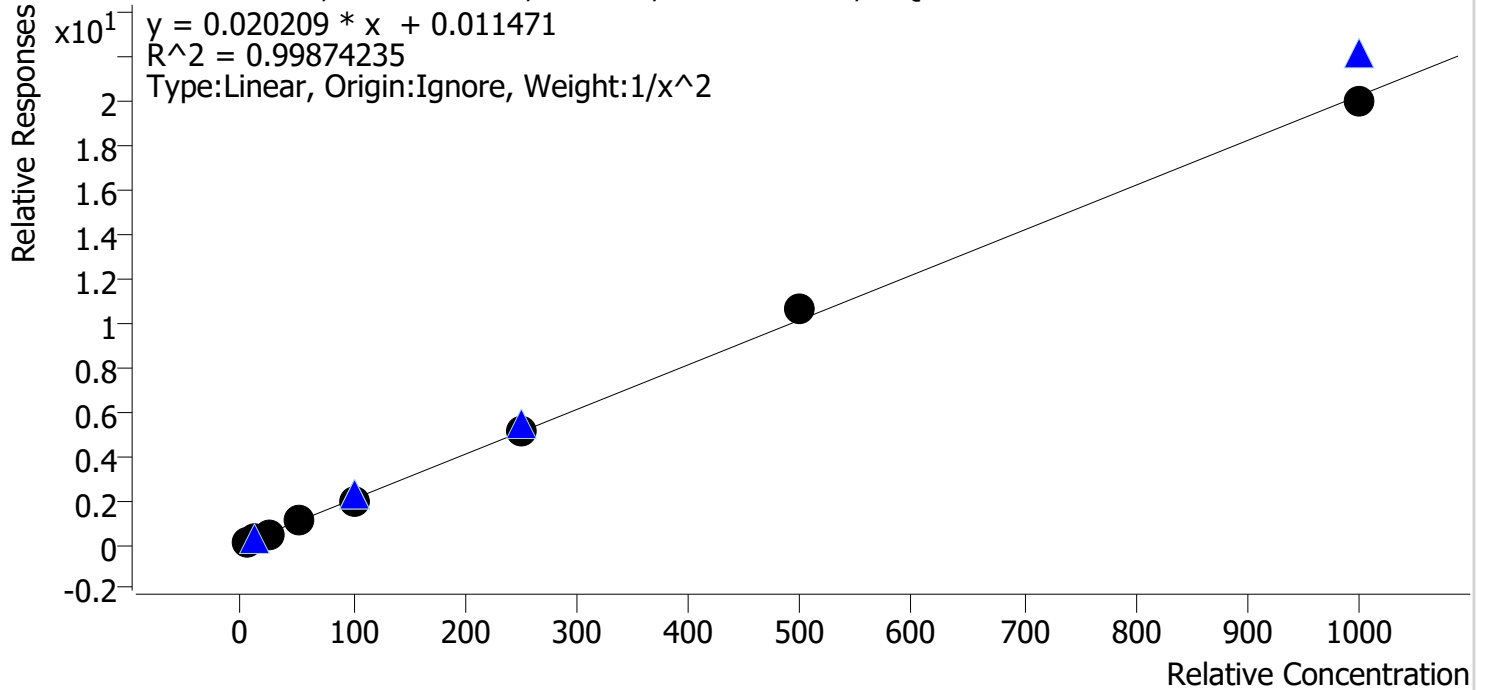
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.7
cal 2 mdq	2	✓	10.0	10.8	107.6
cal 3 mdq	3	✓	25.0	26.8	107.3
cal 4 mdq	4	✓	50.0	54.3	108.7
cal 5 mdq	5	✓	100.0	105.6	105.6
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	464.8	93.0
cal 8 mdq	8	✓	1000.0	837.2	83.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



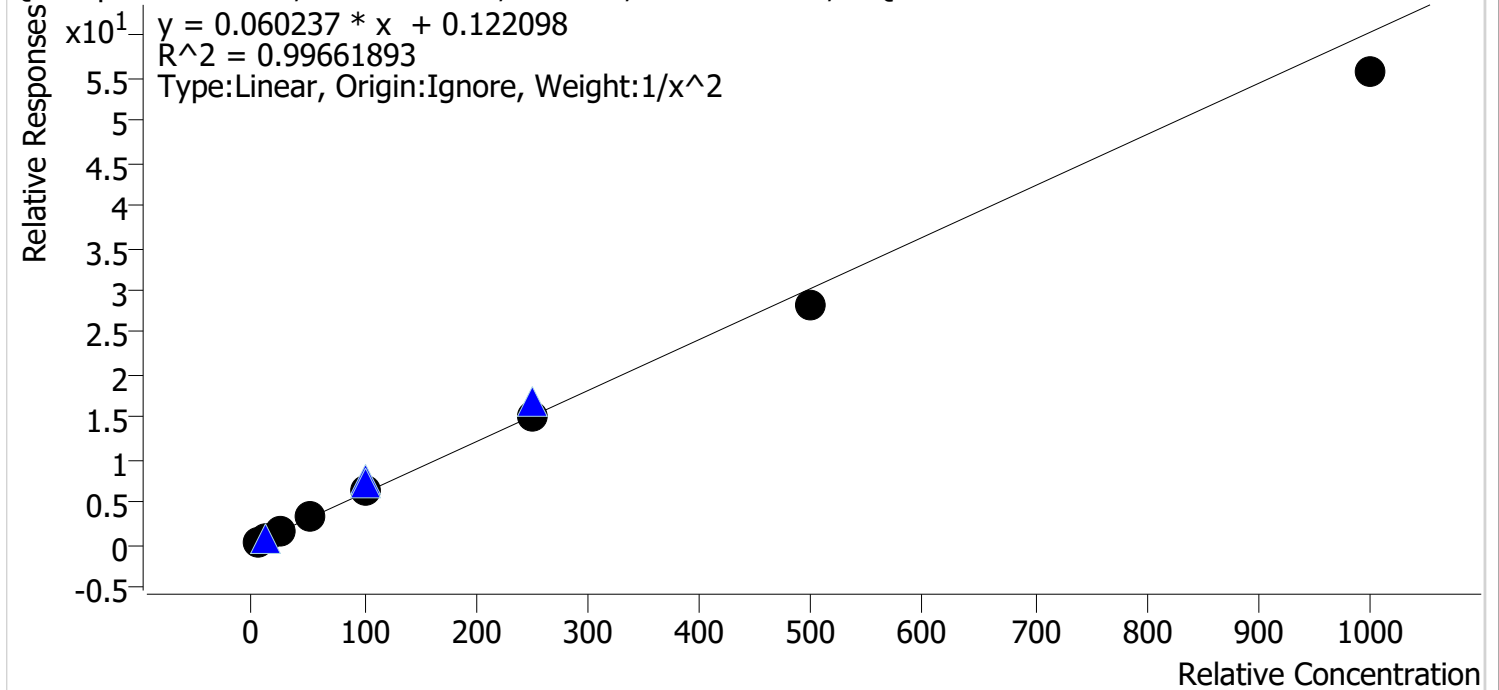
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	49.6	99.1
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	255.7	102.3
cal 7 mdq	7	✓	500.0	528.6	105.7
cal 8 mdq	8	✓	1000.0	987.2	98.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



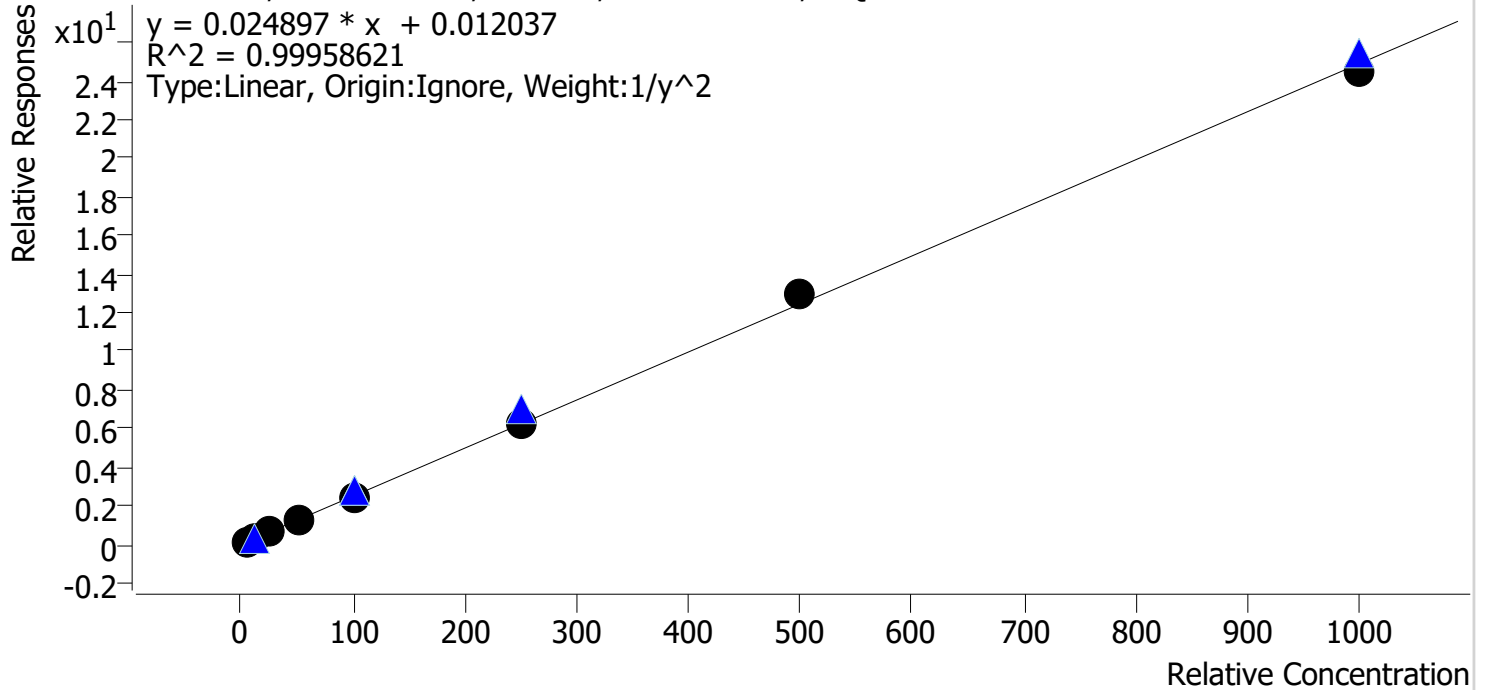
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	26.3	105.4
cal 4 mdq	4	✓	50.0	53.1	106.1
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	249.3	99.7
cal 7 mdq	7	✓	500.0	468.6	93.7
cal 8 mdq	8	✓	1000.0	926.7	92.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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

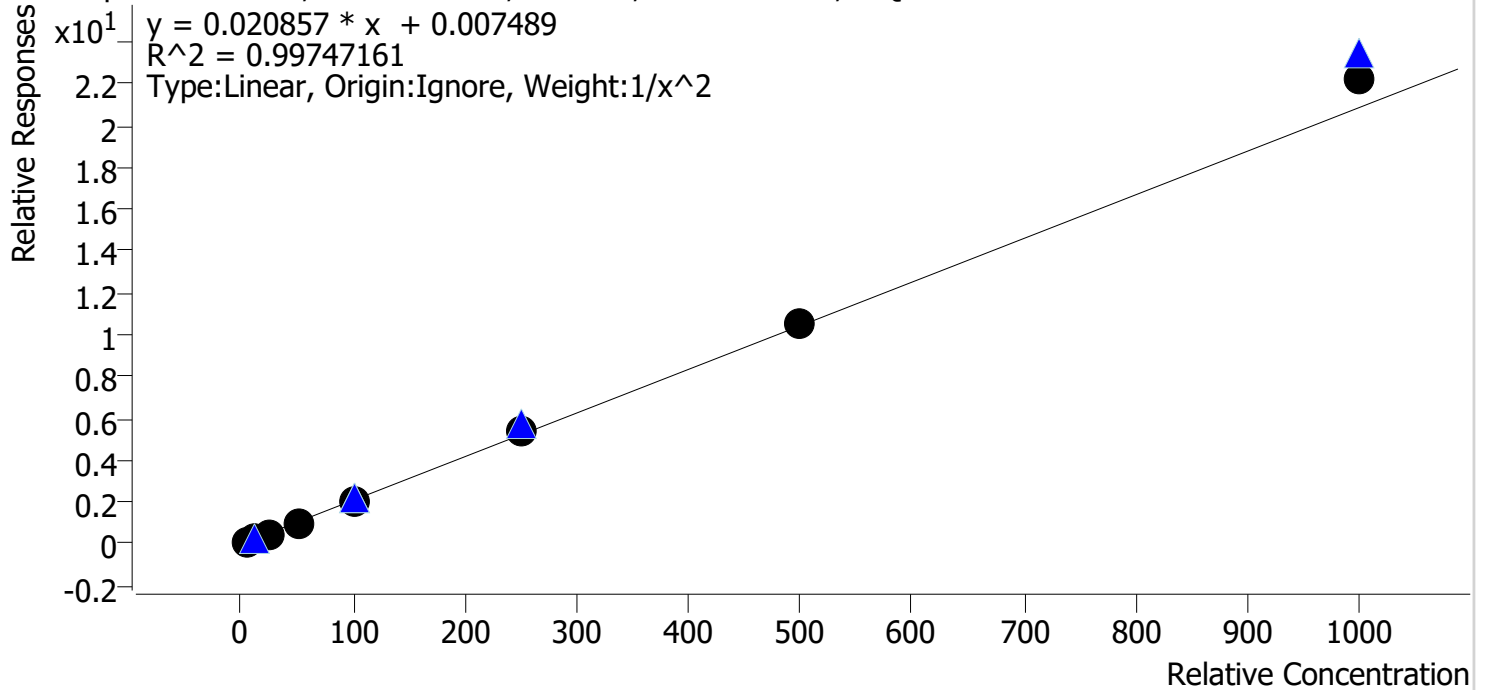


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	49.8	99.5
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	251.3	100.5
cal 7 mdq	7	✓	500.0	518.4	103.7
cal 8 mdq	8	✓	1000.0	980.3	98.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



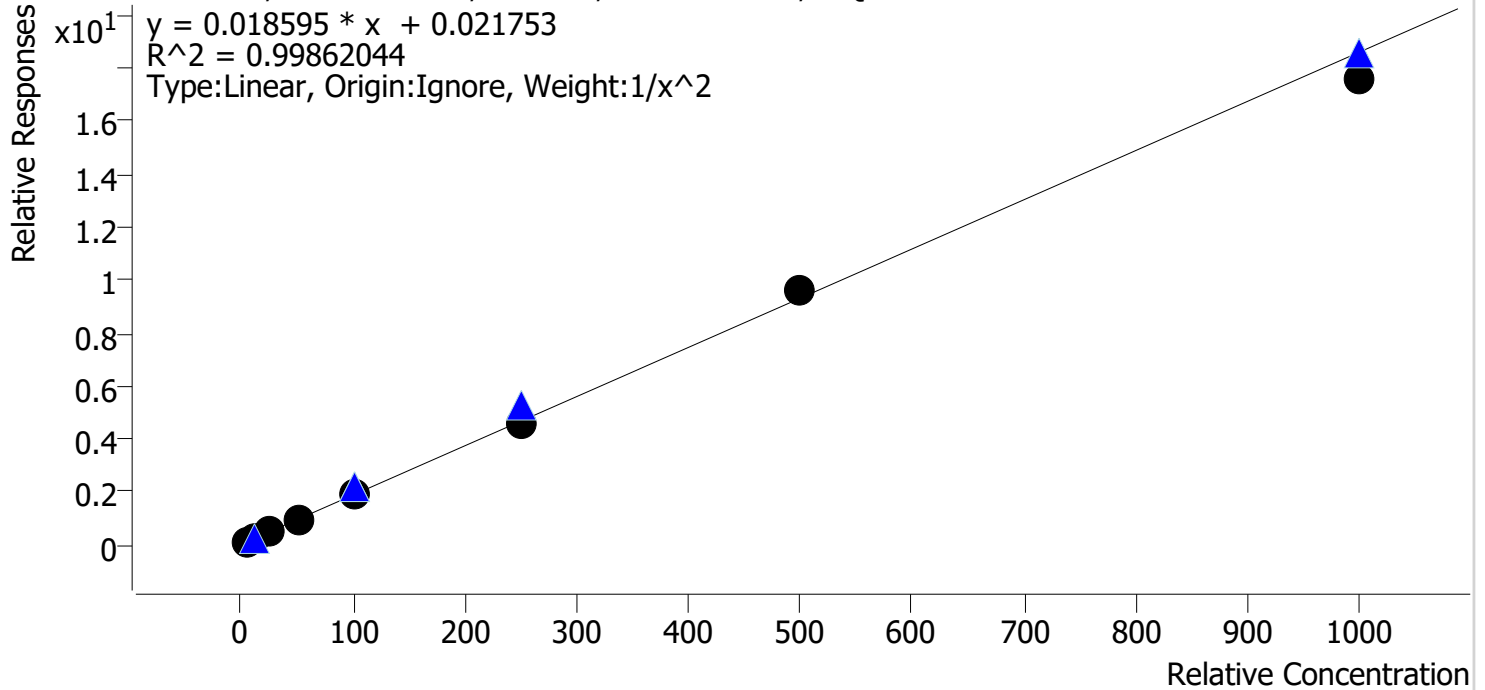
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.2	102.1
cal 3 mdq	3	✓	25.0	24.2	96.6
cal 4 mdq	4	✓	50.0	46.9	93.7
cal 5 mdq	5	✓	100.0	95.7	95.7
cal 6 mdq	6	✓	250.0	258.0	103.2
cal 7 mdq	7	✓	500.0	507.2	101.4
cal 8 mdq	8	✓	1000.0	1069.1	106.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.4
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	25.4	101.7
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	241.5	96.6
cal 7 mdq	7	✓	500.0	517.9	103.6
cal 8 mdq	8	✓	1000.0	943.3	94.3

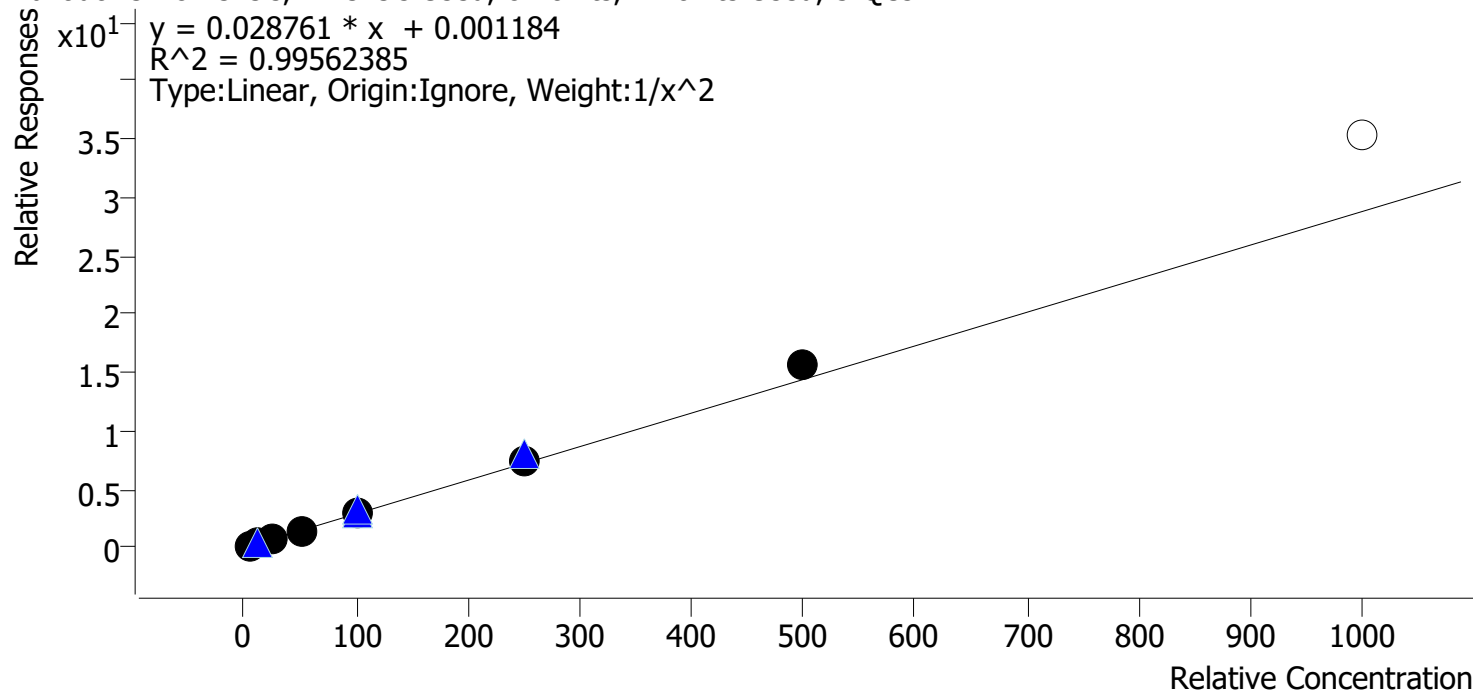
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

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



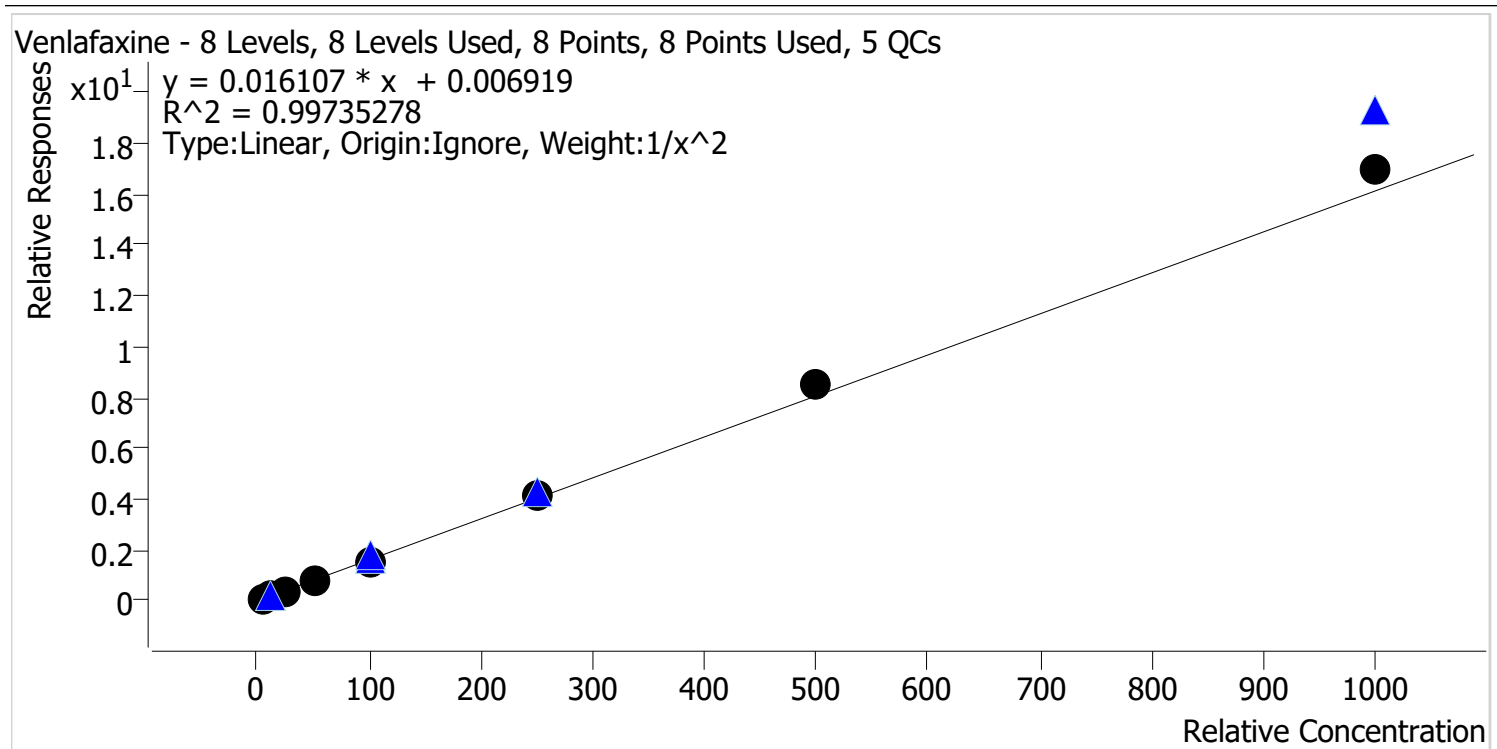
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.6
cal 2 mdq	2	✓	10.0	9.6	96.0
cal 3 mdq	3	✓	25.0	23.4	93.6
cal 4 mdq	4	✓	50.0	47.8	95.6
cal 5 mdq	5	✓	100.0	98.2	98.2
cal 6 mdq	6	✓	250.0	260.4	104.2
cal 7 mdq	7	✓	500.0	544.2	108.8
cal 8 mdq	8	x	1000.0	1233.0	123.3

cal 8 dropped accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



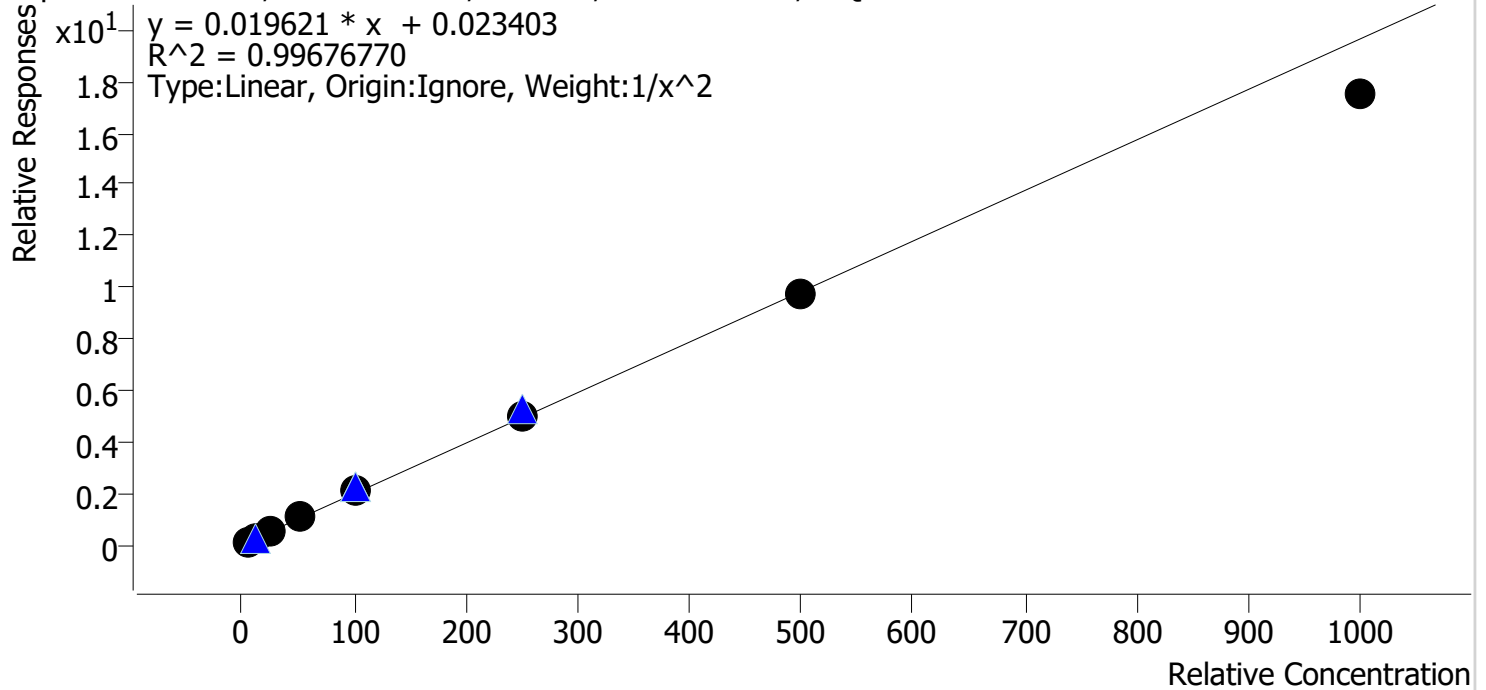
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.7
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	24.0	95.9
cal 4 mdq	4	✓	50.0	47.4	94.8
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	254.7	101.9
cal 7 mdq	7	✓	500.0	529.3	105.9
cal 8 mdq	8	✓	1000.0	1053.6	105.4

Compound Calibration Report



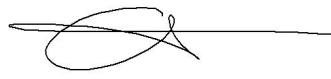
Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



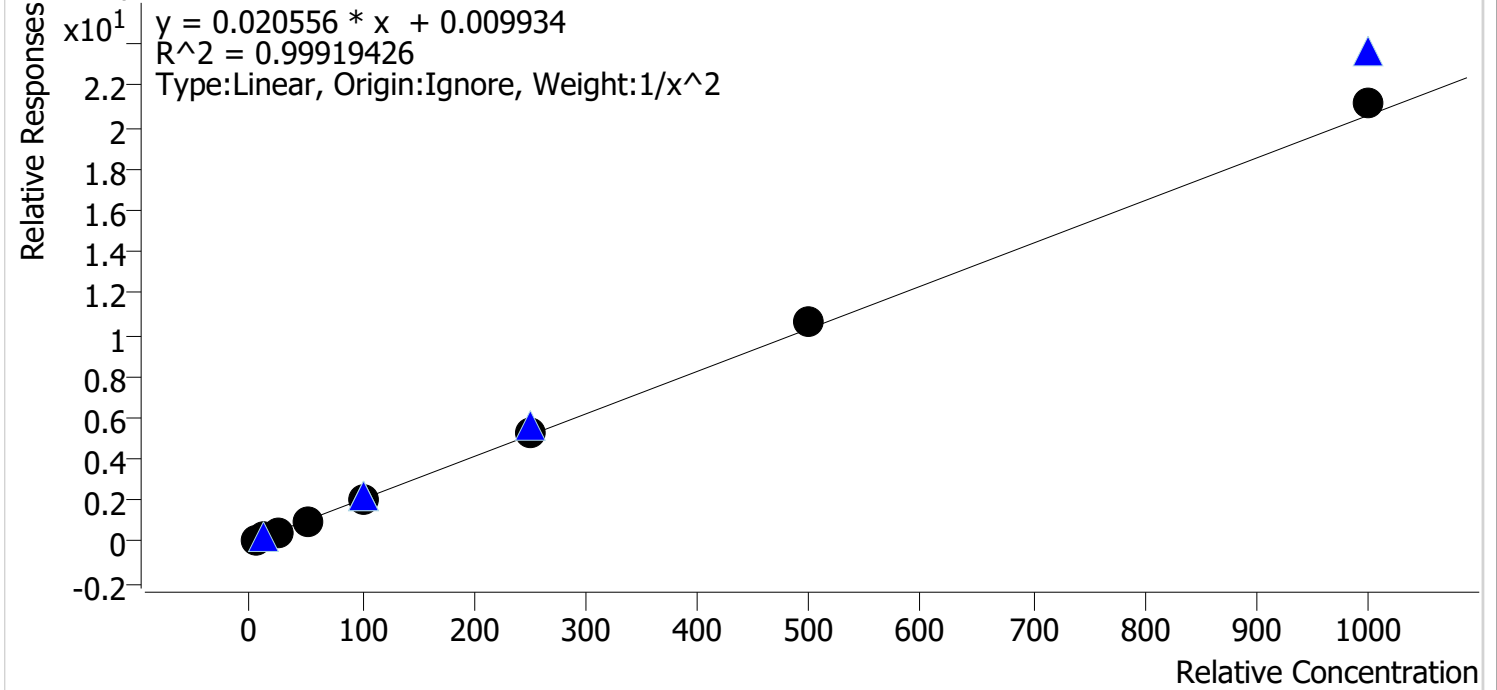
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.2
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	25.4	101.5
cal 4 mdq	4	✓	50.0	52.8	105.5
cal 5 mdq	5	✓	100.0	103.7	103.7
cal 6 mdq	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	493.6	98.7
cal 8 mdq	8	✓	1000.0	892.7	89.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



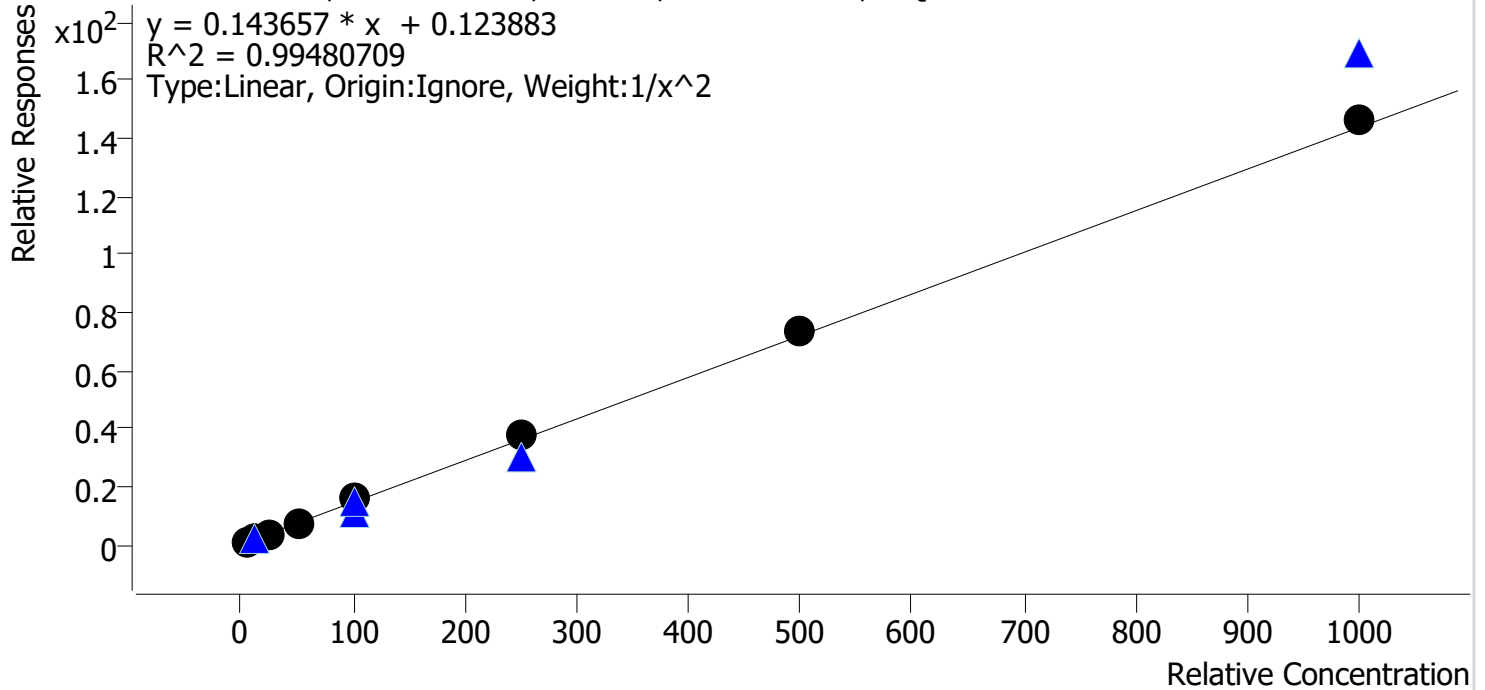
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.2	97.0
cal 4 mdq	4	✓	50.0	49.0	98.1
cal 5 mdq	5	✓	100.0	97.5	97.5
cal 6 mdq	6	✓	250.0	251.4	100.6
cal 7 mdq	7	✓	500.0	519.2	103.8
cal 8 mdq	8	✓	1000.0	1025.3	102.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Nordiazepam-D5

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



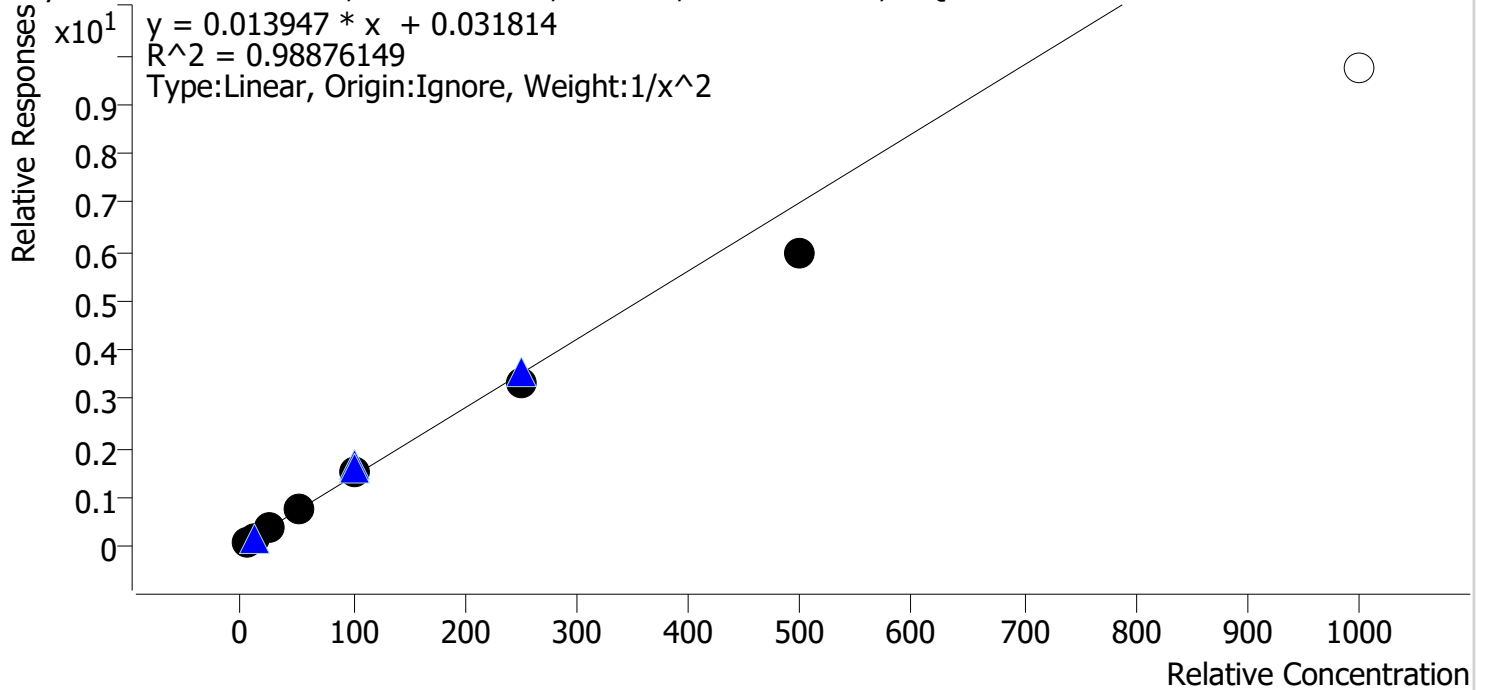
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	104.1
cal 2 mdq	2	✓	10.0	9.6	96.2
cal 3 mdq	3	✓	25.0	22.5	90.0
cal 4 mdq	4	✓	50.0	46.5	92.9
cal 5 mdq	5	✓	100.0	107.5	107.5
cal 6 mdq	6	✓	250.0	263.6	105.4
cal 7 mdq	7	✓	500.0	510.4	102.1
cal 8 mdq	8	✓	1000.0	1017.7	101.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Last Cal. Update 7/29/2021 8:19 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.8
cal 2 mdq	2	✓	10.0	10.6	105.6
cal 3 mdq	3	✓	25.0	27.0	108.1
cal 4 mdq	4	✓	50.0	54.4	108.7
cal 5 mdq	5	✓	100.0	104.0	104.0
cal 6 mdq	6	✓	250.0	235.1	94.0
cal 7 mdq	7	✓	500.0	423.5	84.7
cal 8 mdq	8	x	1000.0	693.9	69.4

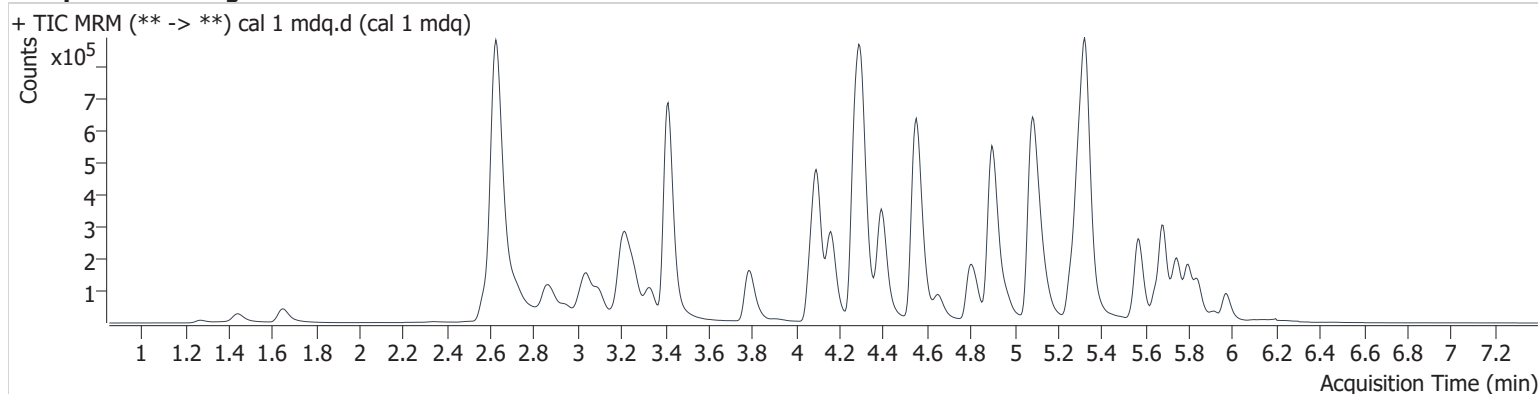
cal 8 dropped accuracy

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument 69679 **Data File** cal 1 mdq.d
Type Cal **Sample** cal 1 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A1 **Comment**
Injection Volume 3
Acq. Date-Time 7/28/2021 12:58:46 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.186	1753	4517.1	136.8	2709.3	86362	0.495 ng/ml
7-aminoclonazepam	4.313	14484	4468.6	74.0	∞	144796	4.990 ng/ml
a-hydroxyalprazolam	5.727	2167	124.5	50.0	1184.6	12425	4.953 ng/ml
alpha-PHP	4.966	80890	247156.3	40.7	1770.6	562557	4.692 ng/ml
alpha-PVP	4.403	115838	13697.7	51.8	2860.5	853084	4.995 ng/ml
Alprazolam	5.801	39808	∞	88.1	∞	240696	4.998 ng/ml
Amphetamine	3.098	105714	5587.6	40.7	4320.8	285435	4.672 ng/ml
Benzoylcegonine	3.936	1540	∞	72.0 High	66.5	11084	3.586 ng/ml
Buprenorphine	5.767	796	514.1	8.9 Low	124.1	51809	0.415 ng/ml
Bupropion	4.826	76491	∞	63.9	8965.4	562557	5.009 ng/ml
Carisoprodol	5.757	30644	139103.3	53.0	719.0	227511	5.136 ng/ml
Citalopram	5.264	58941	1632.0	41.1	∞	454697	4.998 ng/ml
Clonazepam	5.650	3763	3283.9	38.8	334.0	12425	5.197 ng/ml
Clonazepam	5.591	8608	10797.1	39.2	13910.8	12425	4.986 ng/ml
Cocaine	4.302	89425	∞	49.9	∞	1323474	4.985 ng/ml
Codeine	2.639	11954	∞	90.3	23967.9	91734	4.877 ng/ml
Cyclobenzaprine	5.652	32758	60252.6	8.6	1216.1	202522	5.068 ng/ml
Dextromethorphan	5.307	34353	32084.0	80.4	15361.7	309020	4.983 ng/ml
Dextrophan	4.164	72974	∞	45.9	72234.0	697567	5.004 ng/ml
Diazepam	5.974	19281	∞	92.0	∞	181690	4.937 ng/ml
Dihydrocodeine	2.608	31758	16698.5	57.1	8778.5	324411	4.738 ng/ml
Diphenhydramine	5.329	189544	6782.6	31.3	52879.9	1773992	5.088 ng/ml
Doxylamine	4.566	261600	2064365.4	82.7	39473.0	1841041	5.019 ng/ml
EDDP	5.296	109846	∞	43.2	∞	994692	5.072 ng/ml
Etizolam	5.841	24699	98048.3	21.7	∞	240696	5.204 ng/ml
Fentanyl	5.133	3662	2192.0	123.7	6243.5	340005	0.511 ng/ml
Flualprazolam	5.738	15287	∞	99.6	13009.5	240696	4.868 ng/ml
Fluoxetine	5.733	21580	29742.8	6.9	45664.6	154443	4.917 ng/ml
Hydrocodone	3.069	30718	∞	40.9	∞	320519	4.821 ng/ml
Hydromorphone	1.658	22147	∞	77.8	∞	135009	5.122 ng/ml
Ketamine	4.088	79624	48509.6	36.1	1318.2	678144	4.906 ng/ml
Lamotrigine	4.324	6818	1783.1	84.5	40001.5	144796	5.309 ng/ml
Levetiracetam	2.722	33096	1871.5	232.3	∞	37972	5.205 ng/ml

AM #28 Multi-Drug Quant. Results

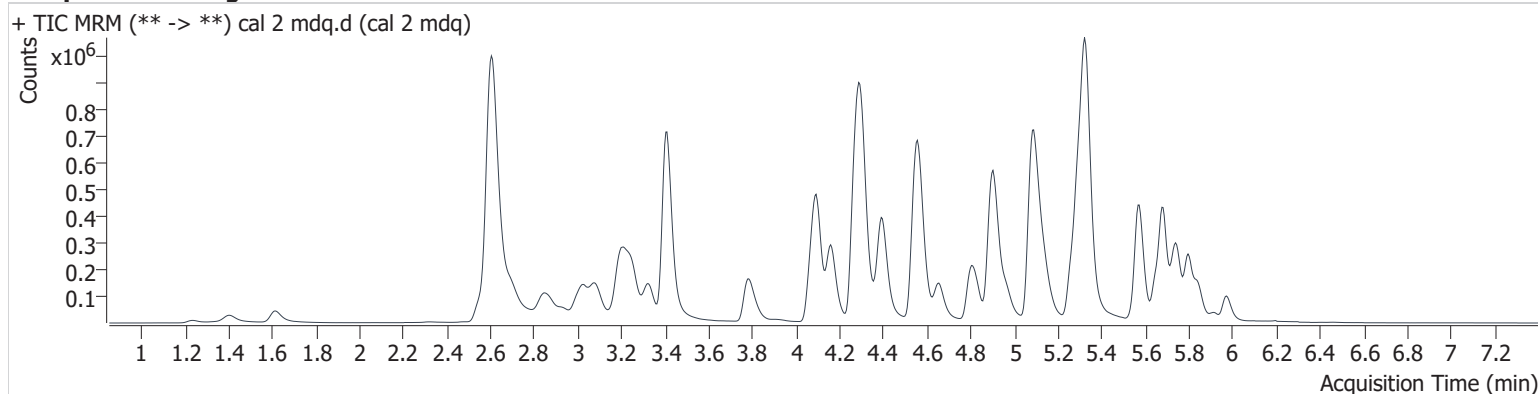
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.780	3186	∞	47.6	∞	27017	5.156 ng/ml
MDA	3.245	73980	3717.7	27.0	2828.7	394190	4.889 ng/ml
MDMA	3.338	82962	∞	91.7	4030.7	160215	4.957 ng/ml
Meprobamate	4.967	8210	41350.1	25.5	131.8	50902	5.038 ng/ml
Methadone	5.681	75085	30498.1	55.4	∞	615397	5.008 ng/ml
Methamphetamine	3.267	115707	∞	38.5	642.9	701868	5.009 ng/ml
Metoprolol	4.365	23723	245834.8	98.5	∞	394190	4.864 ng/ml
Mirtazapine	4.654	128680	197059.5	47.3	112161.2	3225913	5.197 ng/ml
Mitragynine	5.262	17438	34257.2	30.4	6577.9	340005	5.424 ng/ml
Morphine	1.281	3663	40083.5	16.4	2324.7	7840	4.945 ng/ml
Norbuprenorphine	5.029	145	40.9	110.5	5765.2	10407	1.171 ng/ml
Nordiazepam	5.922	6355	12913.1	59.4	8103.5	37972	5.106 ng/ml
Norfentanyl	4.119	4919	516.6	36.6	12669.4	1027484	0.510 ng/ml
Norhydrocodone	3.116	2328	98.3	26.5	77.0	94694	5.358 ng/ml
Noroxycodone	2.967	17912	∞	46.1	∞	115228	4.891 ng/ml
O-desmethyl-tramadol	3.419	211610	∞	6.3	∞	1994514	5.057 ng/ml
Oxazepam	5.781	3379	∞	64.8	32.5	27017	5.024 ng/ml
Oxycodone	2.889	57926	∞	29.6	∞	425791	4.867 ng/ml
Oxymorphone	1.444	17765	∞	43.7	∞	111405	4.942 ng/ml
Phentermine	3.822	24544	357.1	9.1	∞	537435	4.686 ng/ml
Promethazine	5.573	48635	102877.9	36.1	1059.4	424735	5.098 ng/ml
Pseudoephedrine	2.636	367765	∞	23.9	3462.5	3225913	5.063 ng/ml
Quetiapine	5.570	79089	233632.9	62.2	∞	189969	4.885 ng/ml
Sertraline	5.796	9366	∞	101.2	185278.2	68065	5.044 ng/ml
Temazepam	5.843	23044	1295.5	30.6	91.6	205444	5.019 ng/ml
Tramadol	4.288	205831	618507.7	3.1	519.0	1816964	4.922 ng/ml
Trazodone	5.144	57447	54517.7	83.5	89399.1	382393	5.182 ng/ml
Venlafaxine	5.083	147588	222969.7	37.8	2233.1	1646297	5.136 ng/ml
Zolpidem	4.917	198132	∞	29.9	98900.7	1655005	4.909 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument 69679 **Data File** cal 2 mdq.d
Type Cal **Sample** cal 2 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-B1 **Comment**
Injection Volume 3
Acq. Date-Time 7/28/2021 1:07:49 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	3328	∞	131.7	20733.4	81002	1.047 ng/ml
7-aminoclonazepam	4.313	27147	∞	71.2	∞	145960	10.050 ng/ml
a-hydroxyalprazolam	5.727	3732	544.2	57.0	∞	12996	9.873 ng/ml
alpha-PHP	4.966	149025	351785.3	40.1	39297.0	582595	10.550 ng/ml
alpha-PVP	4.403	213767	448639.3	51.6	7523.4	827484	10.163 ng/ml
Alprazolam	5.801	74807	∞	88.1	1224.3	237661	10.128 ng/ml
Amphetamine	3.083	209382	∞	43.0	10058.1	301324	10.908 ng/ml
Benzoylcegonine	3.936	3537	66676.7	56.7	899.5	11022	10.282 ng/ml
Buprenorphine	5.762	2004	5134.7	14.5	1387.1	61739	1.102 ng/ml
Bupropion	4.826	145573	512183.2	64.4	5889.8	582595	9.963 ng/ml
Carisoprodol	5.757	53984	∞	59.0	1409.2	226138	9.588 ng/ml
Citalopram	5.264	122506	4370.4	40.5	∞	507166	10.062 ng/ml
Clonazepam	5.650	6369	7370.2	40.8	2918.6	12996	8.851 ng/ml
Clonazepam	5.596	14781	25207.8	38.7	5037.0	12996	9.111 ng/ml
Cocaine	4.302	156954	81671.0	50.6	∞	1226710	10.154 ng/ml
Codeine	2.618	19244	48597.5	90.6	60667.1	85918	10.029 ng/ml
Cyclobenzaprine	5.652	91885	∞	9.5	3271.0	311200	9.900 ng/ml
Dextromethorphan	5.307	74467	110767.0	74.8	175008.7	351226	10.128 ng/ml
Dextrophan	4.164	125257	8162412.2	45.1	571506.6	640894	10.046 ng/ml
Diazepam	5.979	38837	∞	91.8	∞	183029	10.331 ng/ml
Dihydrocodeine	2.587	53362	3998.4	60.5	19879.6	297881	10.563 ng/ml
Diphenhydramine	5.334	393990	88216.3	32.6	234928.5	1958431	9.877 ng/ml
Doxylamine	4.566	461020	35698.1	83.9	43916.4	1743048	10.011 ng/ml
EDDP	5.296	198477	434042.5	42.2	127838.1	990702	9.851 ng/ml
Etizolam	5.841	41487	∞	24.0	15613.1	237661	9.414 ng/ml
Fentanyl	5.139	8738	11741.3	126.5	∞	448119	0.972 ng/ml
Flualprazolam	5.738	31252	∞	96.2	∞	237661	10.636 ng/ml
Fluoxetine	5.733	78168	∞	7.5	17430.3	291456	10.101 ng/ml
Hydrocodone	3.059	58209	∞	34.8	∞	301489	10.547 ng/ml
Hydromorphone	1.623	35567	∞	73.0	∞	119686	9.691 ng/ml
Ketamine	4.088	142537	40177.0	38.3	3509.3	656260	10.272 ng/ml
Lamotrigine	4.329	12681	728.4	86.7	3208516.6	145960	9.584 ng/ml
Levetiracetam	2.697	58453	2775.6	222.8	12498.1	38814	9.621 ng/ml

AM #28 Multi-Drug Quant. Results

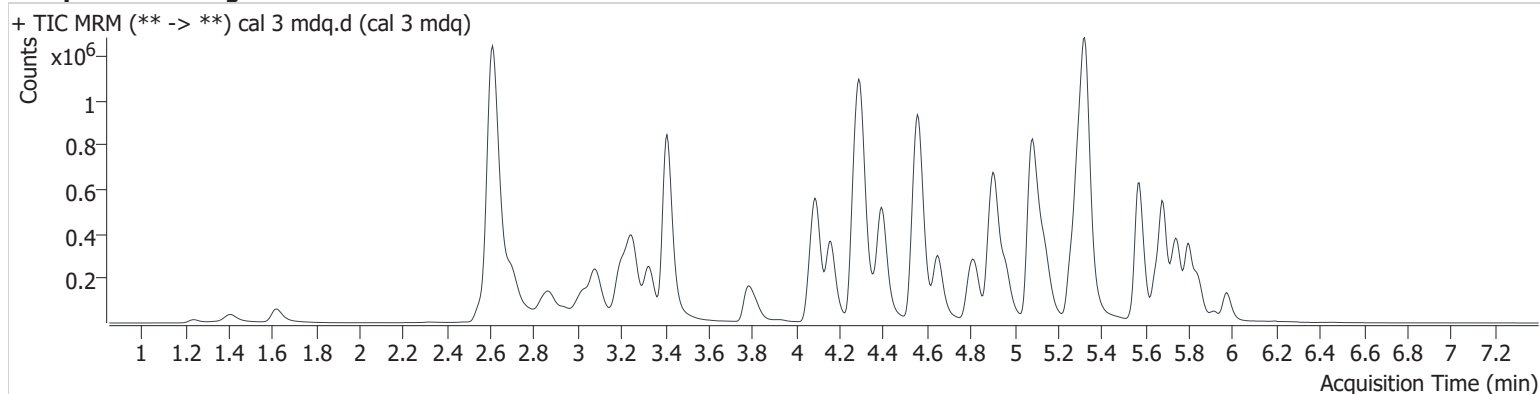
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.780	4317	∞	51.2	8431160206 1.5	24952	8.423 ng/ml
MDA	3.235	134898	∞	27.0	1192.3	393929	10.168 ng/ml
MDMA	3.328	151327	∞	89.3	13204.5	153847	10.137 ng/ml
Meprobamate	4.961	15045	25590.9	29.7	2896.9	50365	9.974 ng/ml
Methadone	5.681	179460	4722.0	51.0	∞	758803	10.221 ng/ml
Methamphetamine	3.257	172649	∞	38.3	∞	681222	9.551 ng/ml
Metoprolol	4.365	44476	159399.7	99.6	∞	393929	10.220 ng/ml
Mirtazapine	4.654	252490	411632.1	49.5	126529.7	3269909	9.849 ng/ml
Mitragynine	5.262	39180	∞	32.2	3061200.6	448119	10.421 ng/ml
Morphine	1.241	6501	∞	17.2	∞	7287	10.479 ng/ml
Norbuprenorphine	5.040	213	462.1	119.1	395.4	10644	1.534 ng/ml
Nordiazepam	5.922	11828	726066.5	65.0	85848.5	38814	9.766 ng/ml
Norfentanyl	4.119	8726	1112.6	39.0	25454.9	969445	0.995 ng/ml
Norhydrocodone	3.106	3527	937.7	25.7	147.4	88690	8.865 ng/ml
Noroxycodone	2.951	32802	∞	44.6	∞	106749	10.302 ng/ml
O-desmethyl-tramadol	3.414	379656	221460.9	6.0	∞	1916651	9.944 ng/ml
Oxazepam	5.792	5924	∞	76.6	∞	24952	10.165 ng/ml
Oxycodone	2.873	105843	∞	28.2	∞	394084	10.482 ng/ml
Oxymorphone	1.404	31539	∞	44.6	∞	105406	10.181 ng/ml
Phentermine	3.816	47590	374.7	8.7	∞	540569	10.763 ng/ml
Promethazine	5.573	136027	932773.9	37.8	10040.4	651110	9.770 ng/ml
Pseudoephedrine	2.615	699364	28789.1	24.7	5144.9	3269909	9.921 ng/ml
Quetiapine	5.570	173398	1017657.5	61.2	∞	237197	10.109 ng/ml
Sertraline	5.801	35033	86596.3	97.6	∞	136247	9.845 ng/ml
Temazepam	5.849	42727	7666.5	29.1	138.6	193901	10.206 ng/ml
Tramadol	4.288	363112	116434084.0	3.6	989.5	1717811	10.198 ng/ml
Trazodone	5.149	132524	371537.2	84.1	∞	477946	9.600 ng/ml
Venlafaxine	5.083	264219	13722.1	38.9	3454.0	1613800	9.735 ng/ml
Zolpidem	4.917	351334	1457759.8	29.6	127014.4	1576620	10.165 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument	69679	Data File	cal 3 mdq.d
Type	Cal	Sample	cal 3 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C1	Comment	
Injection Volume	3		
Acq. Date-Time	7/28/2021 1:16:52 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	7053	∞	139.1	54133.7	77498	2.373 ng/ml
7-aminoclonazepam	4.313	60293	281672.5	76.6	148464.2	136814	25.044 ng/ml
a-hydroxyalprazolam	5.733	7365	212.1	57.9	803.3	11250	25.909 ng/ml
alpha-PHP	4.966	338538	256947.6	40.5	4771.0	568533	28.316 ng/ml
alpha-PVP	4.403	470535	113571.1	53.2	71998.0	791166	24.348 ng/ml
Alprazolam	5.801	163077	31010.1	91.8	∞	225116	24.196 ng/ml
Amphetamine	3.088	420418	11400.1	41.5	13635.4	276366	26.786 ng/ml
Benzoylcegonine	3.936	7069	∞	52.9	557.5	10045	24.372 ng/ml
Buprenorphine	5.762	4077	4337.9	20.3	2729.3	64404	2.343 ng/ml
Bupropion	4.821	340042	287803.1	65.3	33380.9	568533	25.108 ng/ml
Carisoprodol	5.757	117753	5442286.0	61.0	1972.3	203783	24.100 ng/ml
Citalopram	5.264	263650	∞	41.3	304547.9	465590	24.755 ng/ml
Clonazepam	5.650	15514	39755.8	29.9	759.8	11250	26.201 ng/ml
Clonazepam	5.591	37105	∞	39.2	∞	11250	29.159 ng/ml
Cocaine	4.296	347961	713829.0	50.3	1820907.2	1177762	24.493 ng/ml
Codeine	2.618	43191	195936.9	90.2	∞	81709	26.783 ng/ml
Cyclobenzaprine	5.652	210122	363559.5	9.3	166298.4	306132	24.053 ng/ml
Dextromethorphan	5.307	168696	299930.8	75.7	100437.8	340761	24.567 ng/ml
Dextrophan	4.159	289023	2585995.8	45.2	2281490.0	629976	24.667 ng/ml
Diazepam	5.979	90419	3474.5	86.8	54251.8	184122	24.513 ng/ml
Dihydrocodeine	2.587	120940	3560.9	59.5	4221.3	295818	27.031 ng/ml
Diphenhydramine	5.329	857929	33426.3	30.8	108549.1	1781621	24.110 ng/ml
Doxylamine	4.566	1023600	107395.7	83.8	∞	1661865	24.346 ng/ml
EDDP	5.296	449568	913118.7	43.0	375137.5	954038	24.251 ng/ml
Etizolam	5.841	94406	20656.8	24.2	143923.3	225116	23.739 ng/ml
Fentanyl	5.133	23178	43567.0	120.5	98320.3	489728	2.441 ng/ml
Flualprazolam	5.738	66305	∞	94.7	3345276.4	225116	24.467 ng/ml
Fluoxetine	5.733	176020	∞	7.6	136333.6	265590	26.021 ng/ml
Hydrocodone	3.059	130245	∞	37.1	∞	290817	25.550 ng/ml
Hydromorphone	1.623	77982	∞	75.1	∞	108998	24.049 ng/ml
Ketamine	4.083	326385	162400.1	38.7	4550.5	657379	25.292 ng/ml
Lamotrigine	4.324	27440	7791.5	91.6	2304.3	136814	21.797 ng/ml
Levetiracetam	2.702	129295	2878.3	227.3	5115.1	38540	22.491 ng/ml

AM #28 Multi-Drug Quant. Results

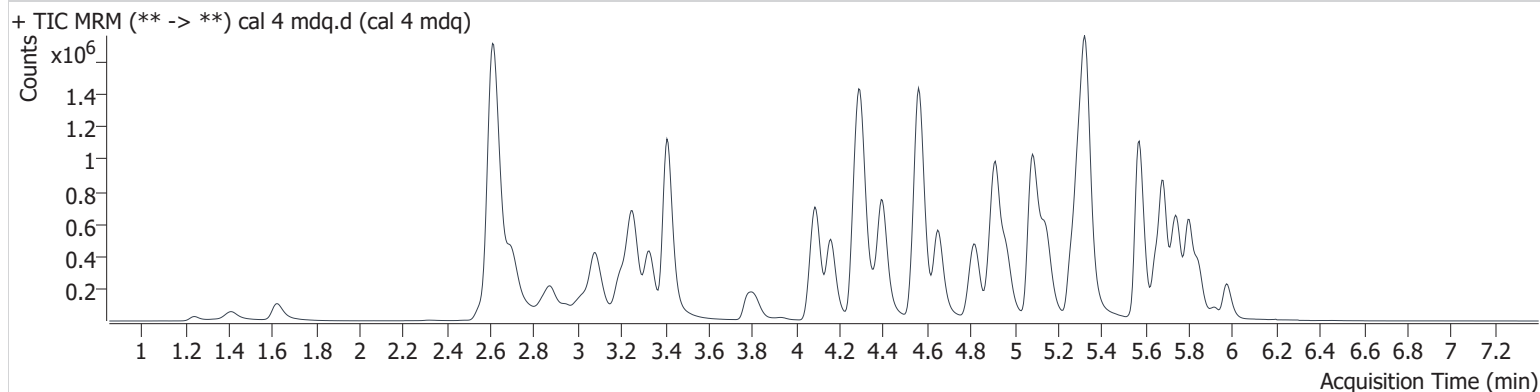
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.774	11800	∞	44.2	∞	25301	25.830 ng/ml
MDA	3.235	297562	∞	27.2	2086.9	369164	25.982 ng/ml
MDMA	3.328	331286	33254.5	90.3	21551.3	143106	24.942 ng/ml
Meprobamate	4.961	32431	12834.9	30.1	2734.2	45963	24.588 ng/ml
Methadone	5.681	382399	∞	53.2	∞	708847	24.014 ng/ml
Methamphetamine	3.257	388590	59455.5	39.2	23610.4	663768	26.575 ng/ml
Metoprolol	4.365	98956	2181640685 8553100.0	96.5	∞	369164	25.981 ng/ml
Mirtazapine	4.649	563310	12327232.9	48.6	7463328.3	3131718	22.641 ng/ml
Mitragynine	5.262	89364	52099.2	31.6	46081.2	489728	23.560 ng/ml
Morphine	1.246	13133	∞	16.7	∞	6932	23.532 ng/ml
Norbuprenorphine	5.040	361	1316.2	115.9	1069.7	11087	2.287 ng/ml
Nordiazepam	5.922	28237	51055.3	62.1	34209.4	38540	24.281 ng/ml
Norfentanyl	4.119	19992	3008.9	40.0	5011.8	983895	2.297 ng/ml
Norhydrocodone	3.106	8796	∞	27.7	62.8	87281	22.945 ng/ml
Noroxycodone	2.951	74095	∞	42.6	∞	101341	25.409 ng/ml
O-desmethyl-tramadol	3.414	852906	∞	6.1	∞	1829858	24.184 ng/ml
Oxazepam	5.787	13269	814.1	73.9	∞	25301	23.298 ng/ml
Oxycodone	2.873	237646	∞	29.0	∞	388019	25.049 ng/ml
Oxymorphone	1.409	70250	∞	44.9	∞	100756	25.101 ng/ml
Phentermine	3.816	103166	2664.6	8.3	7987.8	515764	26.826 ng/ml
Promethazine	5.573	314719	∞	38.5	4482.9	631920	24.076 ng/ml
Pseudoephedrine	2.615	1591617	19862.4	24.4	∞	3131718	24.240 ng/ml
Quetiapine	5.570	365639	∞	61.7	616498.2	213913	26.349 ng/ml
Sertraline	5.796	80182	151644.5	96.3	217727.5	125854	25.107 ng/ml
Temazepam	5.849	95115	37029.2	28.5	217.3	186022	24.156 ng/ml
Tramadol	4.282	825431	97732.9	3.6	746.5	1669821	25.413 ng/ml
Trazodone	5.143	310023	431226.2	81.6	468492.1	460085	23.388 ng/ml
Venlafaxine	5.078	604452	690952.6	37.4	12080.2	1536978	23.987 ng/ml
Zolpidem	4.911	781356	∞	29.6	∞	1498681	25.379 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument 69679 Data File cal 4 mdq.d
Type Cal Sample cal 4 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-D1 Comment
Injection Volume 3
Acq. Date-Time 7/28/2021 1:25:54 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.176	14668	∞	132.5	∞	79082	4.881 ng/ml
7-aminoclonazepam	4.313	118929	159912.4	75.7	225726.0	138563	49.628 ng/ml
a-hydroxyalprazolam	5.733	15392	510.3	55.9	1804.2	12199	52.396 ng/ml
alpha-PHP	4.966	633632	168287.5	40.4	9559.1	609413	51.553 ng/ml
alpha-PVP	4.397	921341	324498.4	53.2	23856.5	773263	49.513 ng/ml
Alprazolam	5.801	360198	∞	88.1	3308.1	242049	50.423 ng/ml
Amphetamine	3.083	836250	38765.8	42.4	56954.6	291912	52.602 ng/ml
Benzoylcegonine	3.936	16570	46826.6	55.6	1670.1	12972	45.481 ng/ml
Buprenorphine	5.762	8438	1558.9	14.2	2428.7	59095	5.540 ng/ml
Bupropion	4.821	699067	2123335.5	67.2	17789.4	609413	48.984 ng/ml
Carisoprodol	5.757	252903	∞	58.5	5643.1	213447	50.076 ng/ml
Citalopram	5.264	517786	49535.0	41.0	39981.5	462225	49.818 ng/ml
Clonazepam	5.650	34169	4594.3	32.6	3173.4	12199	53.952 ng/ml
Clonazepam	5.591	75867	317774.4	38.5	53351.0	12199	56.259 ng/ml
Cocaine	4.296	675037	∞	50.0	270648.4	1138139	49.977 ng/ml
Codeine	2.618	81898	199648.9	90.8	∞	78445	55.131 ng/ml
Cyclobenzaprine	5.652	528562	464786.1	9.0	18537.6	380958	49.423 ng/ml
Dextromethorphan	5.302	352383	∞	74.3	60772.1	354427	50.032 ng/ml
Dextrophan	4.159	579603	2590652.3	44.2	696811.7	631801	50.128 ng/ml
Diazepam	5.979	210730	29431.8	85.4	33456.8	213307	49.779 ng/ml
Dihydrocodeine	2.587	235813	3083.1	59.7	2289.7	298475	54.364 ng/ml
Diphenhydramine	5.334	1671609	58700.8	31.4	∞	1757919	47.936 ng/ml
Doxylamine	4.566	2010722	∞	84.1	220864.1	1620877	49.822 ng/ml
EDDP	5.296	867986	1448788.6	42.2	∞	916026	49.571 ng/ml
Etizolam	5.841	206501	∞	23.4	54725.6	242049	49.123 ng/ml
Fentanyl	5.133	48467	∞	126.3	∞	523041	4.834 ng/ml
Flualprazolam	5.738	142809	18449.4	93.8	40832.8	242049	49.533 ng/ml
Fluoxetine	5.733	481312	∞	7.2	43375.8	373421	51.288 ng/ml
Hydrocodone	3.054	265076	∞	35.9	∞	292505	52.541 ng/ml
Hydromorphone	1.628	177756	∞	77.6	∞	122556	49.276 ng/ml
Ketamine	4.083	647966	98286.5	38.4	6832.7	664959	50.996 ng/ml
Lamotrigine	4.324	54765	315587.4	88.8	∞	138563	42.712 ng/ml
Levetiracetam	2.702	292185	6718.8	221.3	15514.1	42972	46.469 ng/ml

AM #28 Multi-Drug Quant. Results

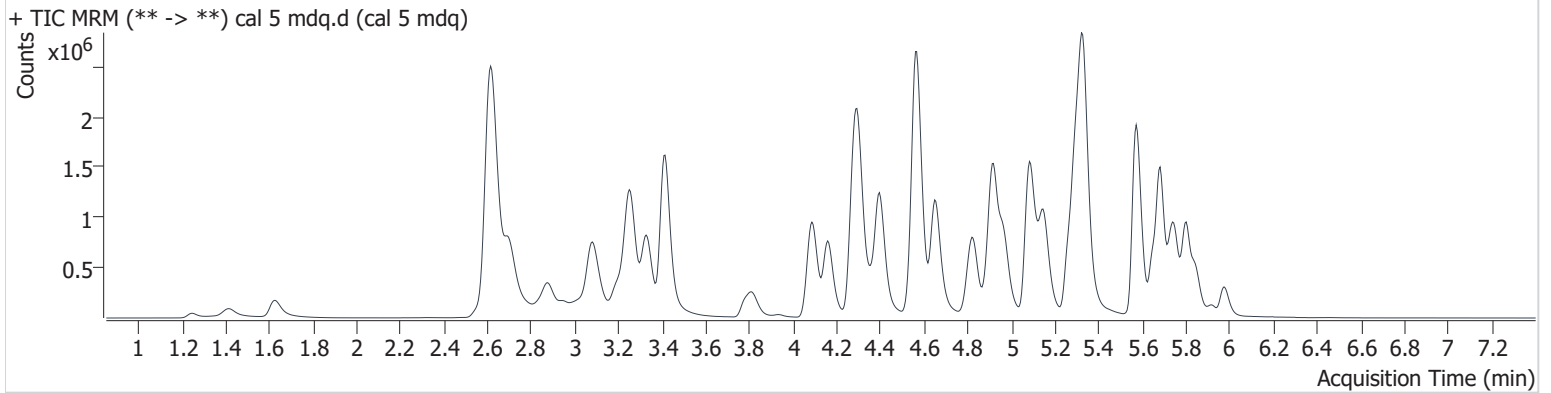
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.780	21453	∞	48.8	∞	24407	50.310 ng/ml
MDA	3.235	540453	47245.2	27.3	∞	338915	52.882 ng/ml
MDMA	3.328	626281	∞	89.1	20948.6	135094	50.750 ng/ml
Meprobamate	4.961	67615	147960.8	29.1	1093.1	48717	49.096 ng/ml
Methadone	5.681	826410	∞	54.1	60593.0	777425	47.851 ng/ml
Methamphetamine	3.257	825086	15189.8	38.9	2309.0	734297	54.174 ng/ml
Metoprolol	4.360	179605	805716.4	98.4	∞	338915	52.584 ng/ml
Mirtazapine	4.649	1084834	123405.0	48.6	2303817.9	3135644	43.340 ng/ml
Mitragynine	5.262	192059	∞	33.2	120773.2	523041	49.096 ng/ml
Morphine	1.246	30048	∞	15.3	∞	7782	49.139 ng/ml
Norbuprenorphine	5.034	976	1509.4	99.1	6299.2	10908	5.698 ng/ml
Nordiazepam	5.922	60232	∞	64.7	∞	42972	46.973 ng/ml
Norfentanyl	4.119	42886	∞	39.0	60643.9	998097	4.902 ng/ml
Norhydrocodone	3.106	19588	∞	29.2	242.4	90396	49.696 ng/ml
Noroxycodone	2.951	149524	∞	45.2	∞	102131	51.529 ng/ml
O-desmethyl-tramadol	3.414	1712493	∞	6.0	15212.0	1823577	49.314 ng/ml
Oxazepam	5.787	27036	613.8	73.1	∞	24407	49.985 ng/ml
Oxycodone	2.873	487908	∞	29.2	∞	399162	50.886 ng/ml
Oxymorphone	1.414	144030	∞	44.1	∞	104521	50.622 ng/ml
Phentermine	3.816	199982	1194.1	8.1	1186.9	510425	54.333 ng/ml
Promethazine	5.573	767613	864566.5	36.7	52570.9	757547	49.572 ng/ml
Pseudoephedrine	2.615	3192486	67750.1	24.4	19201.8	3135644	49.045 ng/ml
Quetiapine	5.570	776836	∞	63.7	2115843.7	234120	53.058 ng/ml
Sertraline	5.796	218560	208917.5	97.8	721657.0	174700	49.767 ng/ml
Temazepam	5.849	205481	71739.4	29.0	1169.1	208648	46.858 ng/ml
Tramadol	4.282	1582078	268793.0	3.4	3926.7	1622241	51.275 ng/ml
Trazodone	5.149	687758	∞	81.4	3210323.6	499680	47.816 ng/ml
Venlafaxine	5.083	1125034	78833.2	37.2	11939.9	1460368	47.400 ng/ml
Zolpidem	4.917	1624568	∞	29.0	∞	1534719	52.757 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument 69679 **Data File** cal 5 mdq.d
Type Cal **Sample** cal 5 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-E1 **Comment**
Injection Volume 3
Acq. Date-Time 7/28/2021 1:34:56 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.181	27088	∞	137.7	∞	74785	9.573 ng/ml
7-aminoclonazepam	4.313	190043	1069530.1	77.1	7692.7	110571	100.280 ng/ml
a-hydroxyalprazolam	5.733	29777	2635.2	54.2	1342.1	11432	110.984 ng/ml
alpha-PHP	4.966	1340729	53467.4	40.1	130537.3	606284	112.832 ng/ml
alpha-PVP	4.403	1845837	189896.2	52.5	63204.7	794880	97.192 ng/ml
Alprazolam	5.806	589414	5871576598 6652.6	91.1	10928.0	204416	98.340 ng/ml
Amphetamine	3.088	1682322	50503.7	40.6	137457.1	294438	107.345 ng/ml
Benzoylcegonine	3.936	30676	119556.9	52.9	∞	11353	97.903 ng/ml
Buprenorphine	5.762	15367	553.3	16.0	4408.1	59081	10.258 ng/ml
Bupropion	4.826	1434130	4771078.2	64.8	23320.0	606284	101.968 ng/ml
Carisoprodol	5.757	423842	∞	56.0	18321.5	179856	100.218 ng/ml
Citalopram	5.264	1046950	14968.3	41.0	19893.9	473293	99.222 ng/ml
Clonazepam	5.650	60468	63904.4	33.6	2028.6	11432	102.509 ng/ml
Clonazolam	5.596	133123	916428.0	40.1	103690.4	11432	106.591 ng/ml
Cocaine	4.302	1277741	2100373.2	49.9	∞	1102352	98.433 ng/ml
Codeine	2.618	140508	195904.6	90.8	2056498610 367820.0	74156	101.921 ng/ml
Cyclobenzaprine	5.652	1043760	123302.3	9.2	52008.8	379068	98.856 ng/ml
Dextromethorphan	5.307	709621	∞	74.6	∞	358309	100.345 ng/ml
Dextrorphan	4.159	1138960	176834.6	44.9	∞	638370	98.252 ng/ml
Diazepam	5.979	350610	38025.7	85.6	18207.7	175644	101.050 ng/ml
Dihydrocodeine	2.587	428718	1856.6	60.0	2113.9	289130	104.031 ng/ml
Diphenhydramine	5.334	3507687	172593.3	30.4	213421.6	1811907	97.940 ng/ml
Doxylamine	4.569	4200786	319810.6	85.2	280569.2	1675891	101.463 ng/ml
EDDP	5.301	1809025	959222930.4	42.7	1433613.3	961769	99.186 ng/ml
Etizolam	5.841	349157	∞	23.3	382963.5	204416	99.153 ng/ml
Fentanyl	5.133	107117	839711.0	122.1	∞	564648	9.957 ng/ml
Flualprazolam	5.738	239487	∞	94.9	290041.1	204416	98.869 ng/ml
Fluoxetine	5.733	874536	∞	7.6	∞	340235	102.997 ng/ml
Hydrocodone	3.059	505813	∞	38.2	∞	295275	100.048 ng/ml
Hydromorphone	1.628	344544	∞	77.0	∞	117850	99.843 ng/ml
Ketamine	4.083	1247823	133609.4	38.4	10615.5	650023	101.829 ng/ml
Lamotrigine	4.329	95721	8717.6	88.4	3787132.1	110571	93.254 ng/ml



AM #28 Multi-Drug Quant. Results

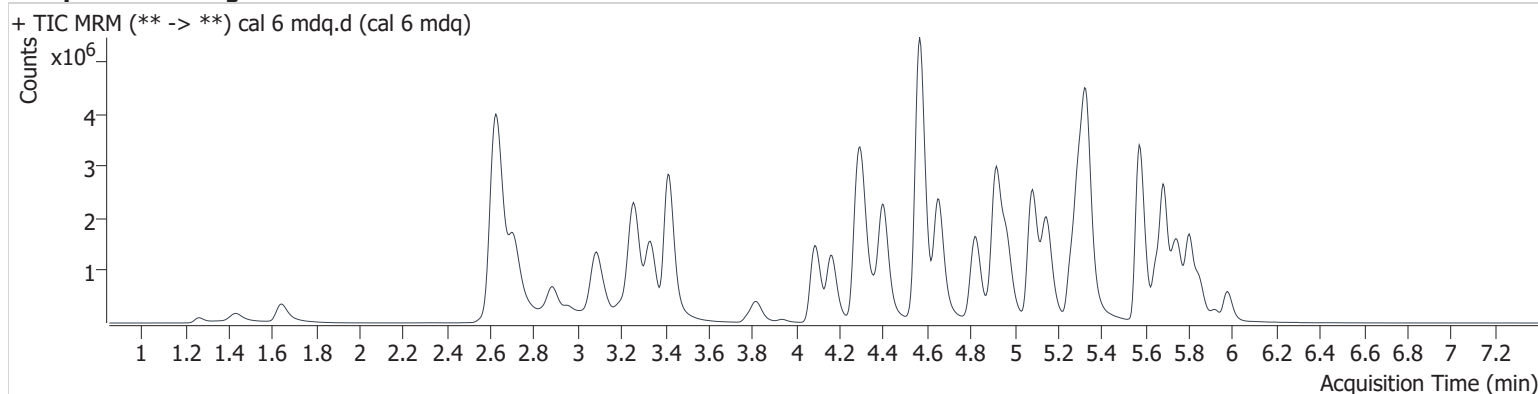
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.702	546922	53551.0	224.5	108238.0	35126	107.523 ng/ml
Lorazepam	5.780	41472	∞	46.6	378.3	22532	107.364 ng/ml
MDA	3.235	1000817	134328.9	26.7	11260.1	328463	102.422 ng/ml
MDMA	3.333	1266171	∞	90.3	97569.2	137659	101.479 ng/ml
Meprobamate	4.961	117568	∞	29.6	1626.4	42575	98.430 ng/ml
Methadone	5.681	1786600	119637.5	52.6	35694.4	835992	96.755 ng/ml
Methamphetamine	3.262	1691447	56068.1	38.5	∞	829270	101.147 ng/ml
Metoprolol	4.365	349977	1160489.9	96.0	∞	328463	106.988 ng/ml
Mirtazapine	4.654	2325747	2206046.8	49.0	8258597.0	3002142	96.766 ng/ml
Mitragynine	5.268	401446	1046934.6	34.4	479848.9	564648	96.619 ng/ml
Morphine	1.246	58401	∞	17.6	∞	7629	98.545 ng/ml
Norbuprenorphine	5.045	2285	3312.7	92.5	11786.7	13103	10.794 ng/ml
Nordiazepam	5.922	107591	∞	62.2	273977.7	35126	103.323 ng/ml
Norfentanyl	4.119	85527	104095.7	38.3	∞	1008275	9.717 ng/ml
Norhydrocodone	3.111	40767	∞	30.0	∞	91981	101.979 ng/ml
Noroxycodone	2.956	291280	∞	44.0	∞	101984	101.144 ng/ml
O-desmethyl-tramadol	3.414	3306241	28320995.5	6.0	∞	1783989	97.886 ng/ml
Oxazepam	5.787	49400	3810.5	74.9	∞	22532	99.614 ng/ml
Oxycodone	2.873	937242	∞	29.3	∞	387059	101.684 ng/ml
Oxymorphone	1.414	275443	∞	44.1	∞	101298	100.898 ng/ml
Phentermine	3.816	408959	4066.5	7.4	9065.6	545870	105.597 ng/ml
Promethazine	5.573	1599971	1292785.4	36.2	78164.1	801884	98.163 ng/ml
Pseudoephedrine	2.622	6049809	∞	24.3	60176.8	3002142	97.548 ng/ml
Quetiapine	5.570	1513008	3000392.3	61.7	4497685.0	237856	103.574 ng/ml
Sertraline	5.801	401189	394669.1	97.4	∞	162106	98.922 ng/ml
Temazepam	5.849	345291	∞	28.9	911.9	172340	95.701 ng/ml
Tramadol	4.282	3099107	120313.7	3.4	22965.4	1633137	100.879 ng/ml
Trazodone	5.149	1434346	97238.9	81.1	112301.1	507702	98.190 ng/ml
Venlafaxine	5.083	2341969	184897.5	37.2	16277.3	1506821	96.067 ng/ml
Zolpidem	4.917	3096796	9360310.1	29.2	5978931.8	1505276	103.660 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument 69679 **Data File** cal 6 mdq.d
Type Cal **Sample** cal 6 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-F1 **Comment**
Injection Volume 3
Acq. Date-Time 7/28/2021 1:43:58 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.181	62287	∞	132.5	∞	65370	25.256 ng/ml
7-aminoclonazepam	4.318	322509	15534.3	79.0	989716.8	76547	247.125 ng/ml
a-hydroxyalprazolam	5.733	59248	9169.2	55.5	1008.1	10385	246.268 ng/ml
alpha-PHP	4.966	2712905	1157490.1	40.6	1250659.9	559525	250.764 ng/ml
alpha-PVP	4.405	4066213	225833.4	52.3	141826.3	676745	252.642 ng/ml
Alprazolam	5.806	1258372	∞	88.4	9734.5	170605	252.624 ng/ml
Amphetamine	3.093	3100045	92405.9	41.6	39688.3	254475	231.637 ng/ml
Benzoylcegonine	3.936	80200	583543.7	53.8	7361.4	11630	252.229 ng/ml
Buprenorphine	5.762	28089	3713.5	17.2	356.8	42384	26.451 ng/ml
Bupropion	4.826	3254603	7158306.9	64.7	92578.3	559525	252.063 ng/ml
Carisoprodol	5.762	808532	2026932.2	58.0	9283.9	138199	249.737 ng/ml
Citalopram	5.264	2010196	73237.4	40.7	∞	364427	248.718 ng/ml
Clonazepam	5.650	130765	67742.4	35.0	14274.0	10385	245.031 ng/ml
Clonazepam	5.596	278938	∞	41.4	177240.2	10385	247.761 ng/ml
Cocaine	4.302	2635972	447528.6	50.2	295116.5	893281	251.832 ng/ml
Codeine	2.628	265685	85756.7	94.8	∞	62062	233.162 ng/ml
Cyclobenzaprine	5.652	2174824	78789.5	8.9	28572.8	311428	251.924 ng/ml
Dextromethorphan	5.307	1356458	2656217751 281010.0	72.8	∞	273392	252.424 ng/ml
Dextrorphan	4.164	2459574	158637.9	44.4	950744.4	540464	251.857 ng/ml
Diazepam	5.979	804604	39969.7	87.4	20774.6	164361	248.484 ng/ml
Dihydrocodeine	2.592	892293	1677.8	60.9	8305.9	269547	235.063 ng/ml
Diphenhydramine	5.334	6855914	532732.8	30.5	270681.5	1381232	251.641 ng/ml
Doxylamine	4.566	9552509	234068.6	84.4	468247.8	1521901	255.240 ng/ml
EDDP	5.296	3857761	1259264.4	42.3	5819031.0	827681	246.962 ng/ml
Etizolam	5.841	739628	114806.6	23.6	∞	170605	252.897 ng/ml
Fentanyl	5.133	224148	2274672377 9841200.0	125.7	380300.1	469587	25.141 ng/ml
Flualprazolam	5.738	517444	∞	93.0	402162.9	170605	256.782 ng/ml
Fluoxetine	5.733	1672045	∞	7.5	360103.0	269931	249.228 ng/ml
Hydrocodone	3.064	1085974	∞	39.7	∞	268412	237.420 ng/ml
Hydromorphone	1.643	860100	∞	74.4	∞	118722	248.165 ng/ml
Ketamine	4.088	2732205	229575.5	38.3	105643.8	571712	255.601 ng/ml
Lamotrigine	4.329	182451	∞	86.6	615401.6	76547	256.317 ng/ml

cal 6 mdq

Generated at 8:20 AM on 7/29/2021

AM #28 Multi-Drug Quant. Results

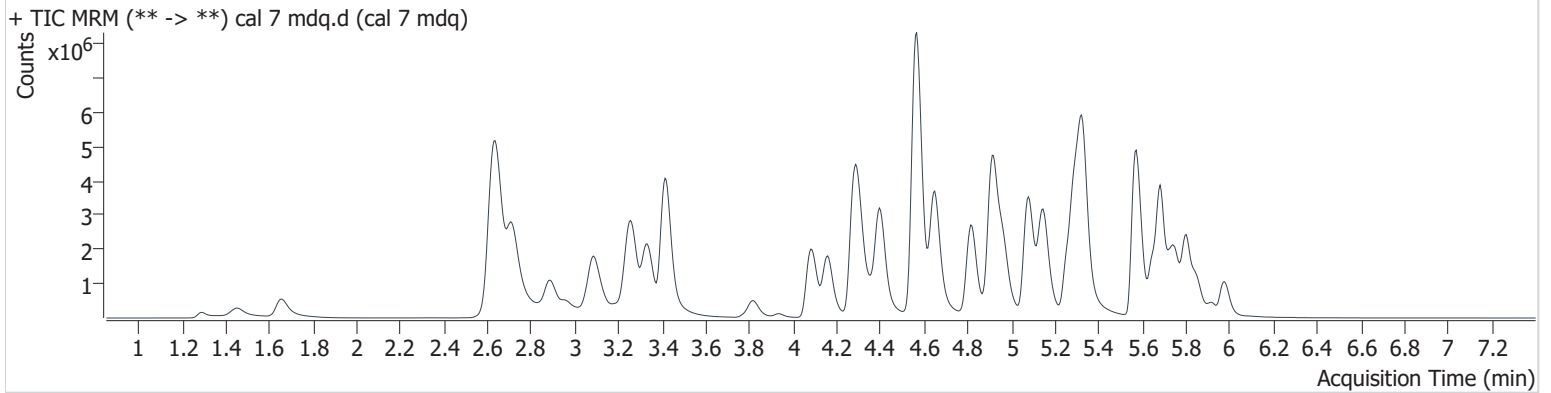
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.707	1275545	230683.9	224.7	163634.5	33577	263.582 ng/ml
Lorazepam	5.780	84390	5774.9	49.0	2024.7	19683	252.542 ng/ml
MDA	3.240	1832546	130215.5	27.4	13255.7	252958	245.602 ng/ml
MDMA	3.333	2596845	117846.0	90.6	401599.4	115836	248.489 ng/ml
Meprobamate	4.961	238796	∞	30.1	10365.8	35760	239.096 ng/ml
Methadone	5.686	3871768	54002.5	51.3	28139.8	682830	257.616 ng/ml
Methamphetamine	3.262	3508478	33338.6	38.5	20362.4	726255	244.277 ng/ml
Metoprolol	4.365	646607	6411258463 671700.0	98.2	∞	252958	258.416 ng/ml
Mirtazapine	4.655	4883009	208099.3	48.7	493211.5	2398061	253.975 ng/ml
Mitragynine	5.262	823545	200902.2	33.9	1512915.6	469587	240.777 ng/ml
Morphine	1.266	129769	∞	13.8	∞	6544	257.082 ng/ml
Norbuprenorphine	5.040	4471	1040.0	107.1	∞	10873	24.996 ng/ml
Nordiazepam	5.922	248059	∞	61.0	∞	33577	250.017 ng/ml
Norfentanyl	4.124	189159	35097.4	38.7	∞	847370	25.638 ng/ml
Norhydrocodone	3.116	87277	1164.3	31.0	614.2	78747	255.485 ng/ml
Noroxycodone	2.956	622134	∞	44.9	∞	87268	253.430 ng/ml
O-desmethyl-tramadol	3.419	7547137	506123.6	5.9	∞	1608178	248.760 ng/ml
Oxazepam	5.787	111075	3424.2	70.5	∞	19683	257.500 ng/ml
Oxycodone	2.884	2140883	∞	29.5	∞	366871	246.315 ng/ml
Oxymorphone	1.434	642338	∞	44.1	∞	94586	253.547 ng/ml
Phentermine	3.822	819079	5701.6	7.0	∞	464591	251.016 ng/ml
Promethazine	5.573	3387507	10927654.7	36.4	85910.6	654097	255.697 ng/ml
Pseudoephedrine	2.630	12417571	∞	24.2	∞	2398061	251.418 ng/ml
Quetiapine	5.570	2989125	∞	62.3	3360953.9	197422	249.328 ng/ml
Sertraline	5.801	749163	1836577.1	96.5	36867.4	119507	251.310 ng/ml
Temazepam	5.849	707300	29026.0	28.3	3409.7	131281	257.953 ng/ml
Tramadol	4.282	6508070	2078083.1	3.4	5253.0	1442324	241.481 ng/ml
Trazodone	5.149	3046852	393555.2	80.1	97239.4	406799	260.379 ng/ml
Venlafaxine	5.084	5199815	353877.1	36.4	∞	1265339	254.708 ng/ml
Zolpidem	4.917	7018221	386789.5	28.9	2616966.7	1403278	253.706 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument 69679 **Data File** cal 7 mdq.d
Type Cal **Sample** cal 7 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-G1 **Comment**
Injection Volume 3
Acq. Date-Time 7/28/2021 1:53:00 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.181	103692	∞	136.5	∞	52993	51.910 ng/ml
7-aminoclonazepam	4.318	412186	∞	78.8	51822.3	48659	497.768 ng/ml
a-hydroxyalprazolam	5.727	93825	3347.9	56.7	4047.6	9653	421.408 ng/ml
alpha-PHP	4.966	3839941	637477.1	40.4	61038.6	458247	435.445 ng/ml
alpha-PVP	4.403	6129491	160936.0	52.3	∞	507261	508.820 ng/ml
Alprazolam	5.801	2091567	3939.1	90.0	34092.6	138044	519.654 ng/ml
Amphetamine	3.093	4010463	109658.0	41.6	∞	180001	425.674 ng/ml
Benzoylcegonine	3.931	166404	1009507.2	53.9	8390.5	11493	531.294 ng/ml
Buprenorphine	5.762	33374	856.2	16.6	7361.1	26763	49.952 ng/ml
Bupropion	4.820	5318910	88209145.7	65.6	219538.1	458247	503.883 ng/ml
Carisoprodol	5.757	1227188	2056613.3	57.5	45384.7	101992	514.276 ng/ml
Citalopram	5.258	2851749	247545.4	41.1	1379799.1	252545	510.065 ng/ml
Clonazepam	5.650	247613	76971.6	31.8	43656.1	9653	499.881 ng/ml
Clonazepam	5.596	483776	∞	40.5	53132.5	9653	463.512 ng/ml
Cocaine	4.301	3881808	128911.0	50.4	143997.4	659158	503.374 ng/ml
Codeine	2.634	384387	∞	93.0	25140.4	46957	447.930 ng/ml
Cyclobenzaprine	5.652	3323320	11959842.4	8.9	681783.8	230517	520.916 ng/ml
Dextromethorphan	5.302	1873070	33937.7	74.0	94925.7	188852	505.281 ng/ml
Dextrophan	4.159	3651705	55460.7	45.2	10558776.3	404168	500.820 ng/ml
Diazepam	5.979	1587263	∞	85.5	19617.8	162277	496.943 ng/ml
Dihydrocodeine	2.597	1353481	11169.8	61.2	1502.0	227907	423.513 ng/ml
Diphenhydramine	5.329	9890438	1788567.3	30.0	243540.9	956049	524.830 ng/ml
Doxylamine	4.566	15215064	818238.6	85.1	465039.7	1198069	517.223 ng/ml
EDDP	5.296	6009444	∞	42.3	7776474.4	616312	517.515 ng/ml
Etizolam	5.841	1233938	∞	23.9	∞	138044	522.285 ng/ml
Fentanyl	5.128	321475	1239837.7	131.7	331086.1	334072	50.743 ng/ml
Flualprazolam	5.732	810244	71221.3	94.3	∞	138044	497.414 ng/ml
Fluoxetine	5.733	2134625	∞	7.6	∞	175445	490.228 ng/ml
Hydrocodone	3.064	1875592	∞	38.1	∞	217840	506.170 ng/ml
Hydromorphone	1.658	1428449	∞	74.5	∞	96974	505.106 ng/ml
Ketamine	4.083	4410221	523637.3	38.0	26038.5	475292	497.606 ng/ml
Lamotrigine	4.329	253849	9424.3	89.2	84054.4	48659	560.717 ng/ml
Levetiracetam	2.717	2243537	69202.5	224.3	104392.8	30550	510.351 ng/ml

AM #28 Multi-Drug Quant. Results

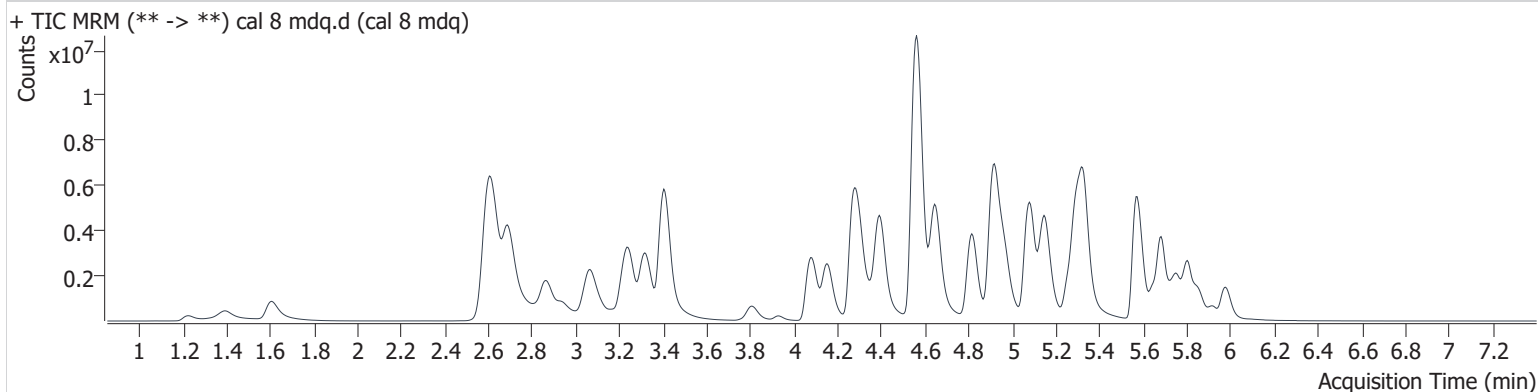
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.774	140745	15263.9	51.7	3159.0	16220	512.997 ng/ml
MDA	3.235	2607275	∞	27.0	19548.9	183746	482.507 ng/ml
MDMA	3.333	3800402	236750.4	91.3	∞	82102	513.927 ng/ml
Meprobamate	4.961	387824	3454082.5	29.1	74843.7	27204	511.297 ng/ml
Methadone	5.681	6047304	706487.3	50.1	∞	516496	532.532 ng/ml
Methamphetamine	3.262	4264377	85462.0	38.7	∞	425881	510.009 ng/ml
Metoprolol	4.360	890159	353924.2	97.3	∞	183746	490.873 ng/ml
Mirtazapine	4.649	7636012	214252.3	47.9	800497.6	1715176	555.025 ng/ml
Mitragynine	5.257	1225551	47394.6	33.7	798840.3	334072	505.475 ng/ml
Morphine	1.291	224603	∞	17.0	∞	5322	548.401 ng/ml
Norbuprenorphine	5.029	6442	∞	104.7	53804.2	8084	48.123 ng/ml
Nordiazepam	5.922	472246	∞	62.1	∞	30550	523.757 ng/ml
Norfentanyl	4.119	295374	43086.6	39.1	∞	624221	54.390 ng/ml
Norhydrocodone	3.116	130110	∞	31.9	∞	57318	523.597 ng/ml
Noroxycodone	2.961	958483	∞	43.8	∞	68355	499.105 ng/ml
O-desmethyl-tramadol	3.414	12368764	∞	5.7	3336615707 753340.0	1263493	519.532 ng/ml
Oxazepam	5.781	182535	∞	74.5	∞	16220	514.203 ng/ml
Oxycodone	2.884	3614555	∞	29.4	∞	304123	502.599 ng/ml
Oxymorphone	1.449	1083650	∞	43.5	∞	79931	507.201 ng/ml
Phentermine	3.822	1079340	11099.6	7.1	6364.7	331774	464.770 ng/ml
Promethazine	5.573	5194347	172629.4	36.2	383776.7	485747	528.573 ng/ml
Pseudoephedrine	2.638	18321686	∞	23.8	∞	1715176	519.167 ng/ml
Quetiapine	5.565	4792926	2728505.0	61.1	7409474.2	169051	468.648 ng/ml
Sertraline	5.796	960530	∞	96.8	16553765.2	74349	518.430 ng/ml
Temazepam	5.849	1124336	∞	29.3	6216.8	106211	507.178 ng/ml
Tramadol	4.277	9647356	365137.8	3.3	14082.7	999535	517.873 ng/ml
Trazodone	5.144	5142194	309255.7	80.8	273995.3	328549	544.150 ng/ml
Venlafaxine	5.078	8010400	1445953419 492530.0	36.3	76928.4	938878	529.281 ng/ml
Zolpidem	4.917	11988585	939911.5	28.2	236192.3	1234775	493.646 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\072821\QuantResults\mdq.batch.bin
Calibration Last Update 7/29/2021 8:19:41 AM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-H1	Comment	
Injection Volume	3		
Acq. Date-Time	7/28/2021 2:10:58 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	180707	∞	132.2	53894.4	46503	103.133 ng/ml
7-aminoclonazepam	4.318	427680	76957.8	80.4	∞	24760	1015.913 ng/ml
a-hydroxyalprazolam	5.727	160979	13478.3	55.6	14715.3	9573	730.985 ng/ml
alpha-PHP	4.966	5659860	306589.9	39.9	∞	350995	840.555 ng/ml
alpha-PVP	4.397	9718420	621595.2	52.2	318233.5	401321	1020.441 ng/ml
Alprazolam	5.801	2879548	∞	89.3	∞	101024	978.192 ng/ml
Amphetamine	3.078	4590670	∞	42.0	∞	133827	656.696 ng/ml
Benzoylcegonine	3.926	322297	∞	55.3	24536.6	11423	1036.714 ng/ml
Buprenorphine	5.762	20576	34701.5	17.7	450.8	9466	87.216 ng/ml
Bupropion	4.816	7933949	18642354.8	64.6	136788.3	350995	982.141 ng/ml
Carisoprodol	5.762	1749595	5427216.7	57.3	∞	73443	1018.824 ng/ml
Citalopram	5.258	3111009	43032.8	41.3	33405.7	140569	1000.520 ng/ml
Clonazepam	5.644	463185	164346.5	32.3	34968.1	9573	943.493 ng/ml
Clonazepam	5.596	843703	∞	40.8	661744.4	9573	816.184 ng/ml
Cocaine	4.296	5702265	720867.9	50.0	218047.3	482966	1010.003 ng/ml
Codeine	2.608	559014	∞	94.8	∞	38526	795.751 ng/ml
Cyclobenzaprine	5.652	2424617	∞	8.7	793845.5	87007	1007.642 ng/ml
Dextromethorphan	5.302	1649964	∞	74.2	∞	85518	983.569 ng/ml
Dextrophan	4.154	5477297	457476.9	44.1	75669.1	299718	1013.804 ng/ml
Diazepam	5.979	2489667	8444354931 9211.6	84.7	∞	125916	1005.027 ng/ml
Dihydrocodeine	2.567	2050253	1421.5	61.7	12273.0	211150	693.899 ng/ml
Diphenhydramine	5.329	10881108	∞	29.6	206547.8	533031	1035.955 ng/ml
Doxylamine	4.561	25484713	953549.6	86.5	948839.7	1087808	954.800 ng/ml
EDDP	5.296	9796731	1671647.6	41.3	492554.1	508060	1024.203 ng/ml
Etizolam	5.841	1793682	44415.0	23.6	∞	101024	1038.199 ng/ml
Fentanyl	5.128	251822	∞	129.6	885113.4	126904	104.698 ng/ml
Flualprazolam	5.732	1171067	∞	91.8	∞	101024	982.875 ng/ml
Fluoxetine	5.733	933493	451759.7	7.4	∞	40355	932.684 ng/ml
Hydrocodone	3.044	3244554	∞	37.9	∞	201852	945.682 ng/ml
Hydromorphone	1.608	2406259	∞	74.2	∞	78046	1057.780 ng/ml
Ketamine	4.078	7001110	889421.4	37.4	182698.4	406788	924.166 ng/ml
Lamotrigine	4.324	270624	212439.7	86.2	∞	24760	1174.458 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.692	3679962	150516.3	225.5	672560.6	25150	1017.687 ng/ml
Lorazepam	5.774	256839	∞	48.9	∞	15562	977.380 ng/ml
MDA	3.220	4059768	∞	26.0	∞	147580	936.841 ng/ml
MDMA	3.317	5670032	∞	90.2	197592.8	66626	945.535 ng/ml
Meprobamate	4.961	495122	∞	29.7	656228.9	16665	1066.394 ng/ml
Methadone	5.681	6138927	11634495.0	50.4	251216.4	280552	995.723 ng/ml
Methamphetamine	3.247	4195583	∞	38.8	∞	241318	888.084 ng/ml
Metoprolol	4.354	1206095	3489975.5	99.3	∞	147580	828.939 ng/ml
Mirtazapine	4.649	10822302	636988.8	47.5	9474309.8	1215606	1109.668 ng/ml
Mitragynine	5.257	927443	311158.5	34.4	1742128.0	126904	1008.630 ng/ml
Morphine	1.226	349318	∞	16.6	∞	4893	928.393 ng/ml
Norbuprenorphine	5.034	5831	1409.9	101.6	7079.3	3882	90.412 ng/ml
Nordiazepam	5.922	749724	∞	62.2	345271.9	25150	1010.554 ng/ml
Norfentanyl	4.114	456793	210960.2	39.1	∞	453381	115.854 ng/ml
Norhydrocodone	3.100	199506	889.1	35.0	∞	44212	1041.173 ng/ml
Noroxycodone	2.941	1555759	∞	44.4	∞	60138	921.357 ng/ml
O-desmethyl-tramadol	3.404	20045424	2861942702 5508400.0	5.7	1071600.2	1035758	1027.675 ng/ml
Oxazepam	5.781	337850	179904.6	72.5	∞	15562	992.606 ng/ml
Oxycodone	2.863	6492170	∞	28.9	∞	288790	951.453 ng/ml
Oxymorphone	1.389	1884829	∞	43.9	∞	75124	939.527 ng/ml
Phentermine	3.811	1502834	13666.9	7.2	∞	256909	837.193 ng/ml
Promethazine	5.573	3361550	2328181.2	36.5	∞	168391	987.237 ng/ml
Pseudoephedrine	2.610	25633730	∞	23.8	∞	1215606	1025.342 ng/ml
Quetiapine	5.565	7950892	26455564.5	61.9	967280816.2	142119	926.733 ng/ml
Sertraline	5.796	372530	∞	97.9	∞	15256	980.289 ng/ml
Temazepam	5.854	1564222	78202.9	29.0	9398.9	70126	1069.087 ng/ml
Tramadol	4.272	14715061	425177.2	3.2	38190.7	837831	943.322 ng/ml
Trazodone	5.149	8060587	960041.9	81.1	1174041.0	227288	1233.046 ng/ml
Venlafaxine	5.078	13606342	922364.8	35.7	154540.9	801435	1053.634 ng/ml
Zolpidem	4.917	18969080	1139773.5	29.0	7017966.7	1081490	892.746 ng/ml