


Worklist: 4510

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2020-1691	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1697	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1710	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1725	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1734	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1739	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1747	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1748	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1750	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1774	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1775	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1780	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1783	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1800	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1801	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

AM# 28: Multi-Drug Quantitation by LC-MS/MSExtraction Date 9/11/2020Analyst: Britany WyliePlate lot#: 200513Plate Expiration: 11/13/2020**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:** 20G20792**Urine Blank lot:** 73020**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. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134** 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** 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. 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: *1st injection data was not evaluated due to poor response, new mobile phase solvent was prepared, instrument also had a communication error prior to running the reinject- The batch was reinjected on 9/12- data from the first injection will not be used.*

9/13^{su}
9-15-20

Benzylecgonine, Norbuprenorphine and Norhydrocodone- Not evaluated

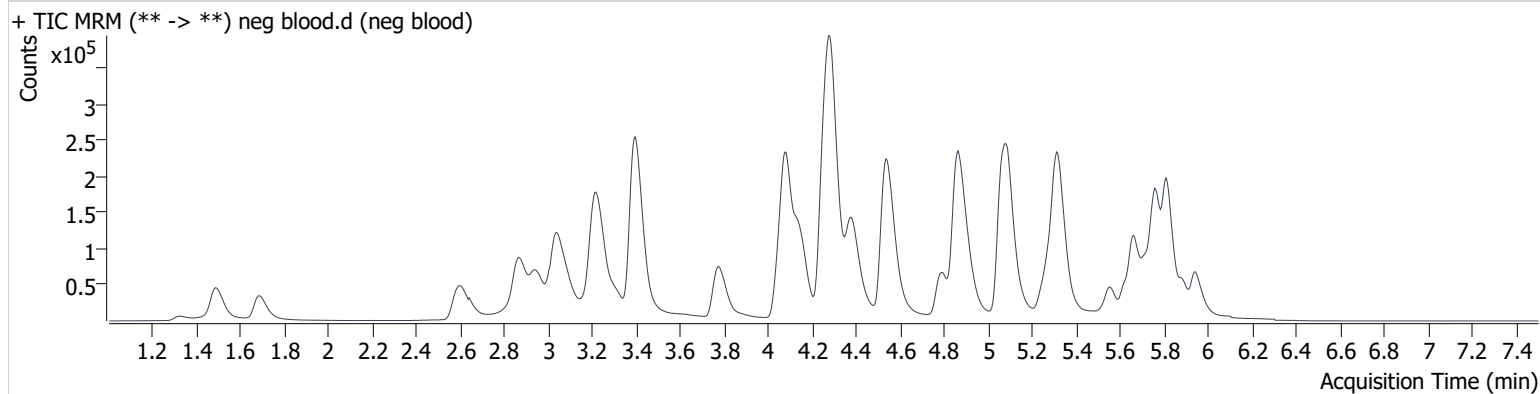
Curves Limited: 5-500 7-aminoclonazepam, Lorazepam, 5-250 Metoprolol; 5-100 Lamotrigine 10-1000 Phentermine

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	neg blood.d
Type	Sample	Sample	neg blood
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 12:25:09 PM		
Sample Info.			

Sample Chromatogram

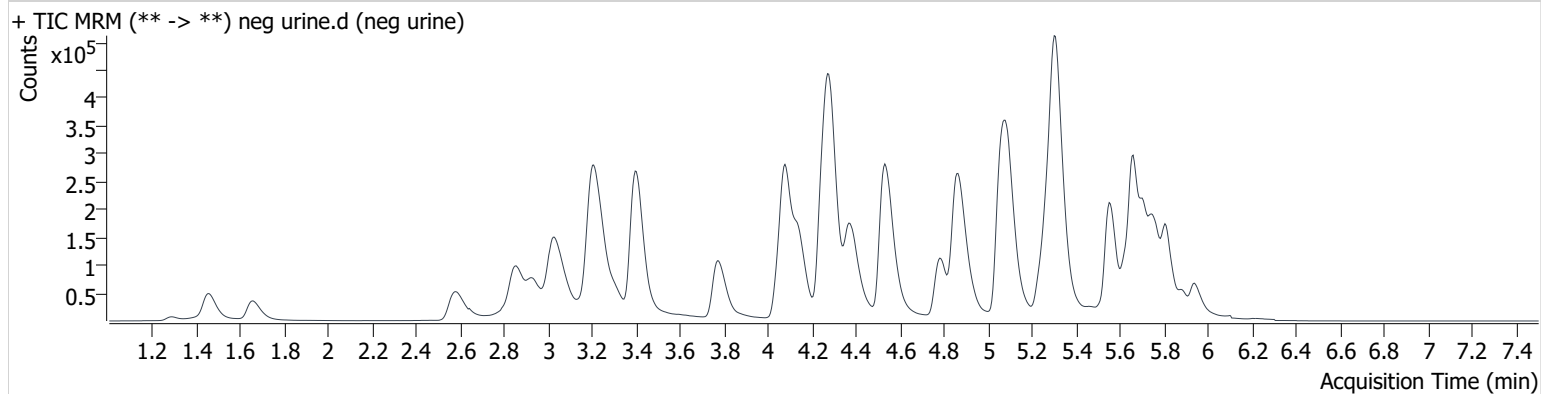


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	neg urine.d
Type	Sample	Sample	neg urine
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-H3	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 2:45:29 PM		
Sample Info.			

Sample Chromatogram

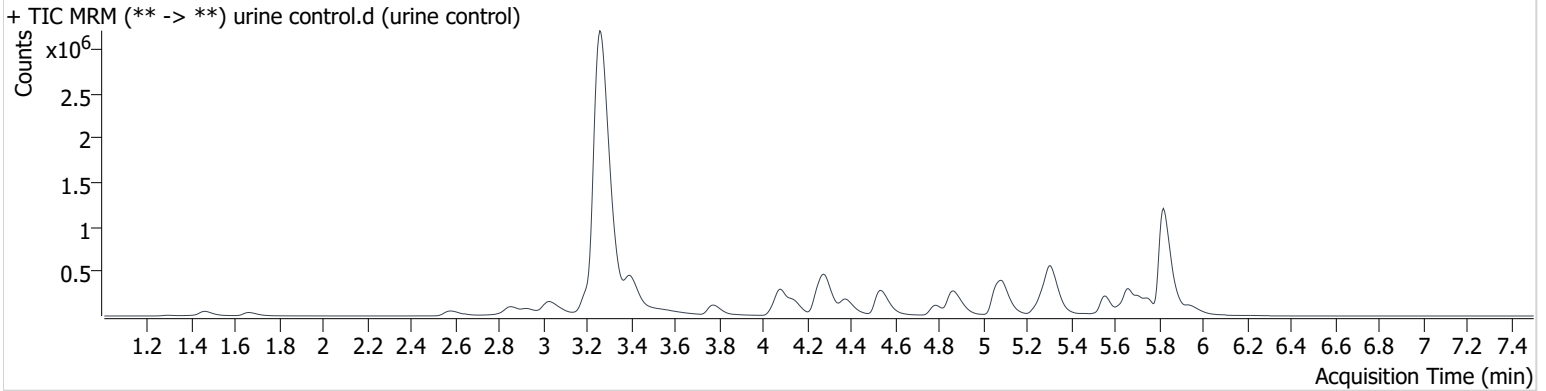


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	urine control.d
Type	Sample	Sample	urine control
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-A4	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 2:56:18 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.257	8780112	52064.4	41.5	10045.8	881807	512.774 ng/ml
Temazepam	5.818	3420697	60466.2	30.7	1966.3	351005	469.411 ng/ml

Toxicology AM method 25/28 urine external control prep
working solution 10000 ng/ml in meoh methamphetamine, temazepam, midazolam
Stock solution 1mg/ml 50 ul each in 4850 ul MeOH (fisher 195629)

ppd 8/6/20: Exp: 4/1/2021 lot 4121 by baw

Drug	lot	expiration
Methamphetamine	FE08101708	10/1/2022
midazolam	FE01221602	4/1/2021
temazepam	FE04261601	5/1/2021

AM 25/28 control 500 ul working solution (4121) in 4500 ul negative urine (1000ng/mL Expected concentration)

ppd 8/6/20, exp 4/1/2021 lot u4121 negative urine 73020 by AMN

AM 25/28 Blood Control: 50ul working solution (4121) in 4950 ul neg blood (100ng/mL Expected concentration)

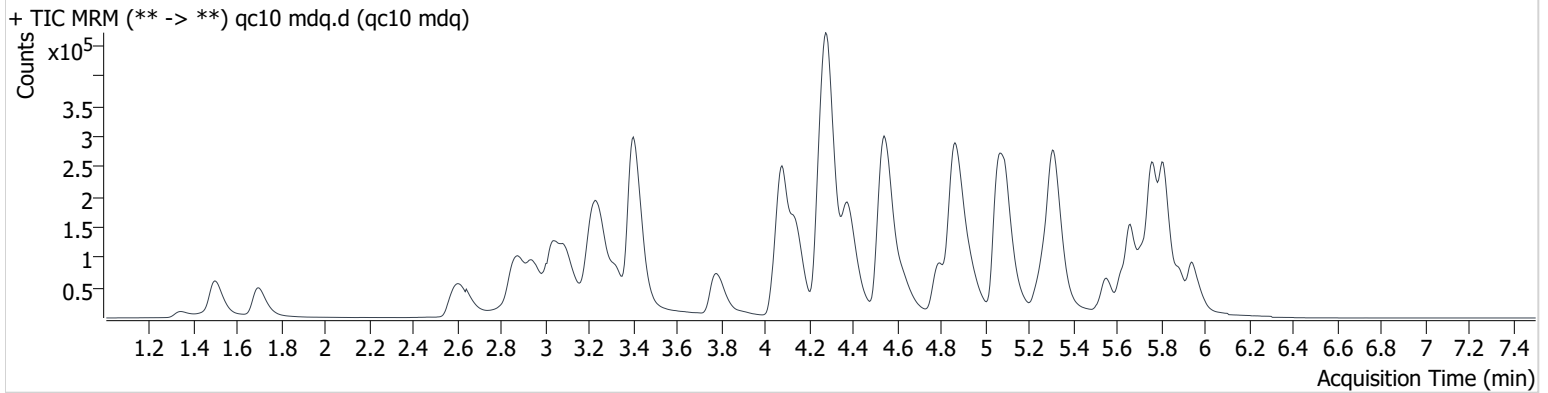
ppp 8/6/20, exp 4/1/21 lot b4121 neg blood 20G20792 by AMN

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 11:09:37 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.166	2052	3299.3	80.5	2501.2	47377	0.997 ng/ml
7-aminoclonazepam	4.287	43758	1324.2	98.0	1116.2	88564	10.122 ng/ml
a-hydroxyalprazolam	5.697	8841	589.6	57.1	10233.1	46631	10.206 ng/ml
alpha-PHP	4.949	67928	6838.8	39.9	1716.3	487273	10.253 ng/ml
alpha-PVP	4.387	118138	1103.3	47.4	1095.1	487273	10.012 ng/ml
Alprazolam	5.776	48281	2232.5	121.4	4315.0	205033	9.630 ng/ml
Amphetamine	3.105	155117	7805.6	51.1	2175.4	251096	9.408 ng/ml
Buprenorphine	5.691	521	189.8	15.8	137.0	19958	0.826 ng/ml
Bupropion	4.801	78445	312.6	68.1	1961.3	270401	10.130 ng/ml
Carisoprodol	5.726	34346	993.1	77.6	162.0	170486	9.766 ng/ml
Citalopram	5.245	35116	595.0	39.6	14015.0	160035	9.759 ng/ml
Clonazepam	5.625	59033	508.2	28.5	21550.1	88564	10.060 ng/ml
Cocaine	4.286	95670	7965.2	49.7	14625.8	752037	9.820 ng/ml
Codeine	2.649	11382	91.9	117.4	4023.7	67688	9.698 ng/ml
Cyclobenzaprine	5.632	14838	17706.3	8.7	∞	45517	10.363 ng/ml
Dextromethorphan	5.294	20786	13703.5	82.4	25387.1	110238	9.807 ng/ml
Dextrorphan	4.146	26451	828.8	217.8	5338.9	345058	9.666 ng/ml
Diazepam	5.947	38886	810.7	80.1	2840.3	186181	10.313 ng/ml
Dihydrocodeine	2.618	33883	1485.2	57.6	2448.6	182976	9.730 ng/ml
Diphenhydramine	5.316	127839	4610.3	28.2	3082.6	687615	9.991 ng/ml
Doxylamine	4.548	246814	905.4	102.1	11308.6	1006486	9.730 ng/ml
EDDP	5.279	17889	10184.7	198.8	515.5	198999	10.393 ng/ml
Fentanyl	5.110	2100	106.7	65.1	992.8	102147	1.094 ng/ml
Fluoxetine	5.709	8078	547.4	8.6	748.7	26874	10.936 ng/ml
Hydrocodone	3.061	54338	984.9	34.0	521.7	281037	10.625 ng/ml
Hydromorphone	1.697	42286	868.4	69.6	2324.3	133233	9.530 ng/ml
Ketamine	4.066	87643	2878.5	40.3	566.4	386920	10.026 ng/ml
Lamotrigine	4.314	7514	82.5	90.1	9261.7	687615	11.710 ng/ml
Lorazepam	5.749	46520	652.5	42.6	197.6	176341	8.956 ng/ml
MDA	3.241	122979	4527.4	25.7	433.2	372898	9.820 ng/ml
MDMA	3.328	79769	613.3	91.8	1487.4	75150	10.506 ng/ml
Meprobamate	4.930	29821	5462.6	30.5	729.6	116497	9.592 ng/ml
Methadone	5.662	60569	2426.7	52.0	602.4	288044	9.666 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.268	103496	240.6	40.1	567.0	374841	10.177 ng/ml
Metoprolol	4.344	15357	450.7	94.5	2539.8	110238	10.955 ng/ml
Mirtazapine	4.630	90813	1443.5	47.3	495.2	288044	9.960 ng/ml
Mitragynine	5.245	8110	19187.5	29.4	1363.5	110238	11.029 ng/ml
Morphine	1.346	6224	526.5	23.3	276.4	11783	9.257 ng/ml
Nordiazepam	5.891	33147	23883.1	63.2	2383.0	118557	10.282 ng/ml
Norfentanyl	4.096	2201	77.5	241.5	187.0	719048	1.092 ng/ml
Noroxycodone	2.964	49883	1013.4	32.0	588.2	177383	10.130 ng/ml
O-desmethyl-tramadol	3.404	185197	10966.7	6.2	466.5	1055057	10.047 ng/ml
Oxazepam	5.756	68850	3240.8	80.9	557.3	375028	10.026 ng/ml
Oxycodone	2.886	111281	1236.5	26.0	1199.7	441386	9.738 ng/ml
Oxymorphone	1.499	57055	5317.6	41.6	23.5	223173	9.840 ng/ml
Phentermine	3.805	22360	266.3	9.4	63.9	303379	10.644 ng/ml
Promethazine	5.559	18593	3424.9	38.4	247.3	95674	9.422 ng/ml
Quetiapine	5.541	40666	2221.0	55.3	7149.3	52199	10.414 ng/ml
Sertraline	5.776	3528	115.6	117.2	2524.9	13138	11.024 ng/ml
Temazepam	5.818	104550	3224.8	30.0	134.3	504824	10.149 ng/ml
Tramadol	4.268	215323	6846.7	3.2	113.6	1035438	10.137 ng/ml
Trazodone	5.105	65469	10707.1	70.8	1503.3	290377	9.874 ng/ml
Venlafaxine	5.061	128832	12201.1	40.4	502.0	794644	10.354 ng/ml
Zolpidem	4.875	222429	4766.2	32.6	529.8	958168	9.850 ng/ml

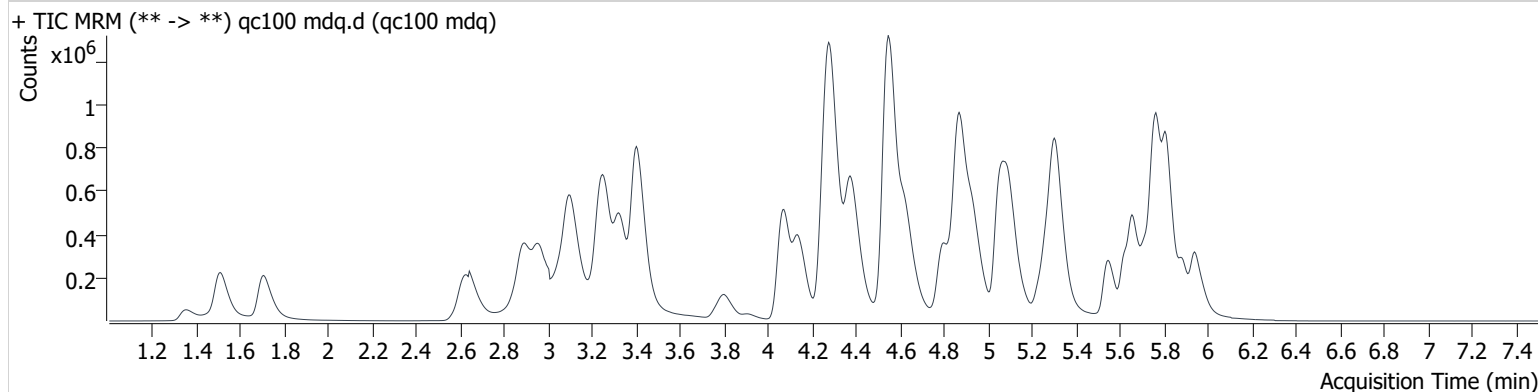
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 11:20:27 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	22544	95660.4	77.2	12834.2	50295	10.290 ng/ml
7-aminoclonazepam	4.287	428626	1811.1	97.9	23742.5	86272	105.984 ng/ml
a-hydroxyalprazolam	5.697	83421	1351.5	63.4	639.2	43989	107.341 ng/ml
alpha-PHP	4.939	722981	72558.3	39.6	9567.6	491879	99.187 ng/ml
alpha-PVP	4.382	1267093	21371.6	50.5	18925.1	491879	104.404 ng/ml
Alprazolam	5.771	513380	6511.6	119.3	1759.5	188173	107.635 ng/ml
Amphetamine	3.100	1495291	34827.9	47.0	20581.5	219129	104.160 ng/ml
Buprenorphine	5.691	5199	531.0	17.7	2318.8	19163	9.837 ng/ml
Bupropion	4.796	768416	190086.3	67.8	19089.8	251898	105.508 ng/ml
Carisoprodol	5.726	367210	6283.2	65.1	1404.9	168817	107.544 ng/ml
Citalopram	5.240	337450	5017.7	44.2	139919.7	152042	100.714 ng/ml
Clonazepam	5.620	599392	39020.0	29.6	480209.1	86272	107.096 ng/ml
Cocaine	4.281	1022913	1887358.6	47.6	2984.2	733135	106.382 ng/ml
Codeine	2.639	119719	1549.4	123.0	3044.7	65784	99.890 ng/ml
Cyclobenzaprine	5.627	125811	149404.0	8.0	249.1	36847	108.607 ng/ml
Dextromethorphan	5.284	216144	222786.9	75.1	18208.2	106631	102.704 ng/ml
Dextrorphan	4.141	283709	132432.1	221.4	76891.7	346932	102.850 ng/ml
Diazepam	5.942	381902	12096.0	91.3	16597.4	191344	99.338 ng/ml
Dihydrocodeine	2.618	373443	897.3	56.1	8013.4	189010	106.216 ng/ml
Diphenhydramine	5.311	1312113	59198.5	29.1	8414.0	687002	103.766 ng/ml
Doxylamine	4.548	2735291	222680.7	99.3	36137.8	1046426	101.509 ng/ml
EDDP	5.273	245256	124019.8	219.1	7237.6	279217	102.969 ng/ml
Fentanyl	5.095	20023	638.0	79.3	27237.1	96935	9.793 ng/ml
Fluoxetine	5.709	62405	51135.1	7.5	113.7	22785	103.234 ng/ml
Hydrocodone	3.066	582837	814.7	33.8	2026.9	301943	108.017 ng/ml
Hydromorphone	1.702	481162	3386.4	66.6	1764.3	134727	106.098 ng/ml
Ketamine	4.066	920078	17088.0	39.8	5354.5	391797	107.148 ng/ml
Lamotrigine	4.309	66696	104.8	98.7	41779.1	687002	113.317 ng/ml
Lorazepam	5.749	437518	4964.5	44.8	2438.3	160063	116.001 ng/ml
MDA	3.241	1306240	8216.0	24.3	7211.0	372621	106.431 ng/ml
MDMA	3.328	853559	80308.3	90.7	26568.2	77201	111.717 ng/ml
Meprobamate	4.925	306617	15467.7	28.1	1740.8	113418	104.507 ng/ml
Methadone	5.657	635490	11408.3	48.4	1542.3	278579	102.683 ng/ml

AM #28 Multi-Drug Quant. Results

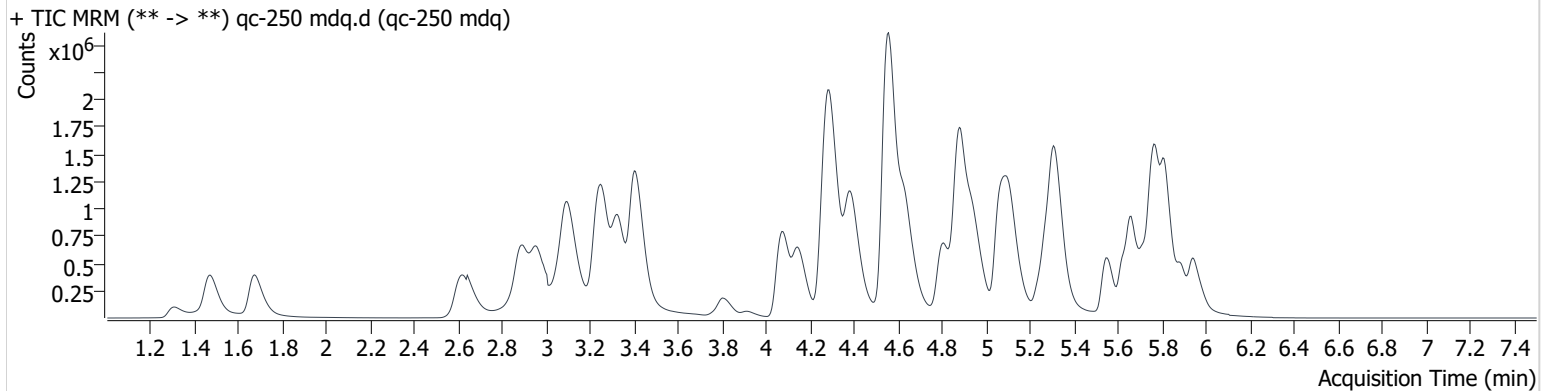
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.262	532486	2171.0	43.1	1787.9	256040	103.813 ng/ml
Metoprolol	4.339	157432	4051.5	93.6	60072.2	106631	118.309 ng/ml
Mirtazapine	4.625	927294	92923.3	48.5	5623.8	278579	115.967 ng/ml
Mitragynine	5.229	66299	293.7	31.4	432.9	106631	90.075 ng/ml
Morphine	1.351	70054	7655.5	22.3	3319.5	11786	108.653 ng/ml
Nordiazepam	5.886	348540	868118.6	61.9	35099.5	117522	108.867 ng/ml
Norfentanyl	4.101	20412	1440.9	275.2	1621.3	677222	10.494 ng/ml
Noroxycodone	2.959	556792	3331.7	36.9	2488.5	181587	111.080 ng/ml
O-desmethyl-tramadol	3.404	1987509	40546.2	6.4	3249.9	1080983	102.886 ng/ml
Oxazepam	5.756	676818	32585.4	79.6	9060.5	351255	104.986 ng/ml
Oxycodone	2.886	1236145	8662.1	25.9	7585.4	454790	104.224 ng/ml
Oxymorphone	1.504	601406	3398.5	41.8	15760.6	231288	101.583 ng/ml
Phentermine	3.805	215767	1297.0	8.2	710.5	266976	109.835 ng/ml
Promethazine	5.554	167833	63436.2	37.8	3448.7	78226	106.568 ng/ml
Quetiapine	5.536	445881	13891.7	56.8	321427.4	54096	112.533 ng/ml
Sertraline	5.776	26530	702.9	102.9	34802.9	10418	109.586 ng/ml
Temazepam	5.813	1137341	79923.2	29.9	1937.9	535483	102.444 ng/ml
Tramadol	4.262	2229008	4464.1	3.3	577.8	1070726	105.321 ng/ml
Trazodone	5.100	707145	4652.9	76.0	7048.3	294386	101.771 ng/ml
Venlafaxine	5.055	1428714	37530.7	39.4	17681.5	819806	107.145 ng/ml
Zolpidem	4.870	2415940	14950.3	32.2	7297.3	1000357	100.716 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 11:31:17 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	47488	7615.6	75.3	1131.4	43913	24.822 ng/ml
7-aminoclonazepam	4.292	818686	1498.8	93.9	2187.2	73734	237.425 ng/ml
a-hydroxyalprazolam	5.702	158566	1434.5	62.2	2928.5	34185	263.394 ng/ml
alpha-PHP	4.949	1450540	20334.0	39.6	48764.2	408888	238.071 ng/ml
alpha-PVP	4.387	2485060	135734.0	51.5	50787.7	408888	246.040 ng/ml
Alprazolam	5.776	1008403	398.7	119.0	321.2	153537	258.593 ng/ml
Amphetamine	3.100	2852448	75936.1	46.7	15157.8	177654	245.116 ng/ml
Buprenorphine	5.696	10491	1093.7	15.5	1472.4	15879	24.147 ng/ml
Bupropion	4.806	1647955	91438.6	66.1	5104.8	226581	251.411 ng/ml
Carisoprodol	5.726	704674	16277.4	65.0	6713.9	140991	247.386 ng/ml
Citalopram	5.251	723029	2057.8	43.3	11151.3	137843	238.320 ng/ml
Clonazepam	5.625	1168786	28983.2	29.5	12175.7	73734	244.646 ng/ml
Cocaine	4.286	2035126	221926.7	47.3	45929.6	603736	256.826 ng/ml
Codeine	2.634	253582	1517.9	120.8	9498.8	58056	239.025 ng/ml
Cyclobenzaprine	5.632	266643	104065.7	8.0	19615.5	32717	259.243 ng/ml
Dextromethorphan	5.289	466472	494.4	77.1	521418.5	95964	245.901 ng/ml
Dextrorphan	4.146	585886	6380.2	220.9	82166.5	296756	248.268 ng/ml
Diazepam	5.942	797114	15392.5	87.0	2067.7	157013	252.818 ng/ml
Dihydrocodeine	2.607	785864	11740.3	55.9	8722.3	166749	253.701 ng/ml
Diphenhydramine	5.316	2987615	177659.3	28.7	4307.2	635005	255.794 ng/ml
Doxylamine	4.553	5925227	330068.6	98.9	315340.4	938550	244.841 ng/ml
EDDP	5.279	588344	3455.4	211.7	5988.7	273715	252.212 ng/ml
Fentanyl	5.110	45967	1302.7	74.2	47297.5	91690	23.579 ng/ml
Fluoxetine	5.709	121219	195031.9	7.1	8428.3	18435	248.467 ng/ml
Hydrocodone	3.061	1186565	2502.1	34.0	2907.5	262392	253.343 ng/ml
Hydromorphone	1.672	1016215	5652.9	64.9	21064.4	124854	241.655 ng/ml
Ketamine	4.071	1948061	26753.5	40.0	2108.8	345702	257.590 ng/ml
Lamotrigine	4.319	137053	5283.1	91.0	38071.1	635005	253.364 ng/ml
Lorazepam	5.749	769694	14451.4	43.8	1504.5	126586	261.076 ng/ml
MDA	3.236	2724836	55674.1	24.4	27019.7	320597	258.348 ng/ml
MDMA	3.328	1785013	642.5	89.5	742.5	67582	267.218 ng/ml
Meprobamate	4.935	620628	15426.4	27.0	8053.4	94342	254.790 ng/ml
Methadone	5.657	1424329	37493.9	48.0	360761.7	254977	251.126 ng/ml

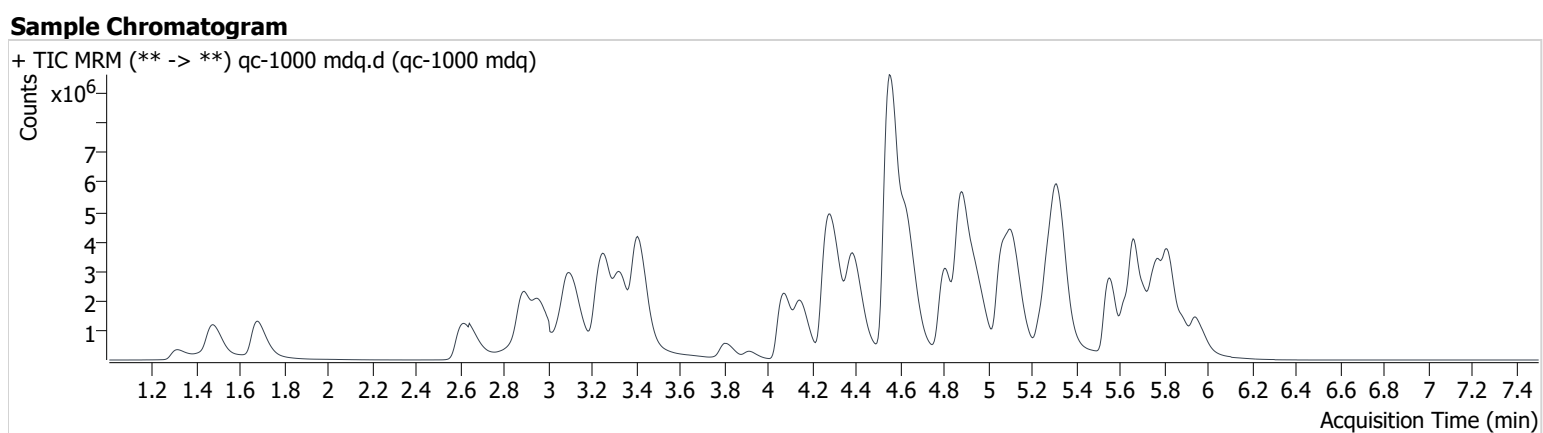
AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.262	914511	8150.8	43.1	1966.9	185341	252.010 ng/ml
Metoprolol	4.349	310380	597054.3	91.5	23084.7	95964	259.450 ng/ml
Mirtazapine	4.635	2169433	8285.7	45.3	5954.3	254977	298.183 ng/ml
Mitragynine	5.239	145874	1816.9	29.8	106635.8	95964	219.610 ng/ml
Morphine	1.306	139493	1916.3	25.7	4250.8	10625	240.534 ng/ml
Nordiazepam	5.891	666270	657948.3	63.4	20017.8	96162	254.308 ng/ml
Norfentanyl	4.107	42669	2157.3	285.8	2967.5	609180	24.348 ng/ml
Noroxycodone	2.959	1112340	1554.5	39.7	1587.0	159440	252.817 ng/ml
O-desmethyl-tramadol	3.404	4253021	30596.8	6.5	1433.5	910070	261.129 ng/ml
Oxazepam	5.756	1265270	10376.3	79.5	11472.8	273238	252.268 ng/ml
Oxycodone	2.886	2603881	16035.1	26.9	9324.8	390753	255.409 ng/ml
Oxymorphone	1.469	1250479	18819.5	43.3	31003.1	192756	253.684 ng/ml
Phentermine	3.811	407789	1081.8	8.3	581.4	216745	254.774 ng/ml
Promethazine	5.554	361896	386781.2	37.5	3737.0	69695	258.278 ng/ml
Quetiapine	5.541	945417	18489.0	58.4	9216.0	47529	271.925 ng/ml
Sertraline	5.776	45211	489.3	108.5	97767.5	7324	266.485 ng/ml
Temazepam	5.818	2225843	60850.3	30.0	2712.2	435877	246.054 ng/ml
Tramadol	4.268	4528603	302209.4	3.4	396.8	914359	251.159 ng/ml
Trazodone	5.110	1566489	2168.9	76.3	7922.0	269329	245.917 ng/ml
Venlafaxine	5.066	2988967	177024.9	39.4	12290.8	715654	256.182 ng/ml
Zolpidem	4.881	5081907	9697.8	30.5	10702.7	865144	244.698 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument 69679 **Data File** qc-1000 mdq.d
Type QC **Sample** qc-1000 mdq
Acq. Method MDQP1 5-27-20.m **Operator** Britany Wylie
Sample Position P2-D2 **Comment**
Injection Volume 2
Acq. Date-Time 9/13/2020 11:42:04 AM
Sample Info.



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	192427	4764.3	74.3	10237.6	44269	99.763 ng/ml
7-aminoclonazepam	4.297	1672286	73580.7	94.0	1484.3	53789	665.638 ng/ml
a-hydroxyalprazolam	5.697	350042	1297.5	66.4	4405.0	19928	999.089 ng/ml
alpha-PHP	4.949	5820952	972119.6	39.1	49924.8	366930	1061.366 ng/ml
alpha-PVP	4.387	9565194	51211.8	51.0	179228.4	366930	1054.642 ng/ml
Alprazolam	5.776	2921674	21416.5	114.3	19935.6	105670	1087.421 ng/ml
Amphetamine	3.105	8687143	307157.6	48.3	15047.7	148700	891.917 ng/ml
Buprenorphine	5.696	46894	45638.3	16.6	972.4	16662	103.295 ng/ml
Bupropion	4.806	7861155	5870532.1	63.8	6388.8	273018	994.997 ng/ml
Carisoprodol	5.726	1875601	70887.8	60.0	36833.4	91253	1018.016 ng/ml
Citalopram	5.240	3167686	102097.2	44.1	1086320.1	137028	1051.070 ng/ml
Clonazepam	5.620	2987421	44742.4	30.7	1040993.4	53789	857.777 ng/ml
Cocaine	4.291	6057441	412423.7	46.7	391678.3	445195	1036.250 ng/ml
Codeine	2.639	915851	1795.7	114.3	10262.5	50819	984.605 ng/ml
Cyclobenzaprine	5.627	1873928	2597456.3	7.5	66.8	58371	1021.208 ng/ml
Dextromethorphan	5.284	2087650	2404912.3	74.4	103228.9	100355	1051.436 ng/ml
Dextrorphan	4.151	2194874	5349.0	224.5	233723.2	274752	1004.475 ng/ml
Diazepam	5.947	2762520	41226.0	86.3	182969.1	135815	1013.212 ng/ml
Dihydrocodeine	2.602	2930183	18386.1	57.5	17123.1	165555	953.461 ng/ml
Diphenhydramine	5.321	13502247	9974.8	29.0	26252.1	708647	1036.275 ng/ml
Doxylamine	4.548	24543428	474222.5	97.5	1394352.7	906109	1049.738 ng/ml
EDDP	5.279	3152587	3278715.4	244.3	532420.6	386160	958.380 ng/ml
Fentanyl	5.110	280340	4114.4	78.0	4405.0	129482	101.390 ng/ml
Fluoxetine	5.709	736857	17043.7	8.0	81145.5	28900	964.680 ng/ml
Hydrocodone	3.056	4083183	2220.3	34.4	519.6	239730	954.809 ng/ml
Hydromorphone	1.677	3948375	27213.6	69.5	13826.5	119641	979.488 ng/ml
Ketamine	4.071	7246697	79574.0	39.2	4959.6	332987	995.787 ng/ml
Lamotrigine	4.324	291391	4665.4	92.4	11138.3	708647	483.766 ng/ml
Lorazepam	5.744	1271098	13855.5	45.4	2650.1	63660	862.996 ng/ml
MDA	3.236	8467029	638227.6	24.0	4196.5	259016	994.246 ng/ml
MDMA	3.328	6473566	58010.7	85.3	2702.5	63689	1029.032 ng/ml
Meprobamate	4.930	1531540	1156874.5	27.3	65627.1	63240	938.875 ng/ml
Methadone	5.662	8609796	12033.1	44.9	153041.7	362370	1067.406 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.262	2983945	15892.2	42.3	34025.4	162432	949.572 ng/ml
Metoprolol	4.344	793810	787207.3	95.1	17603.5	100355	634.850 ng/ml <small>OCR</small>
Mirtazapine	4.635	10811102	713127.5	44.9	348467.6	362370	1048.409 ng/ml
Mitragynine	5.234	746526	8117.3	32.1	4387.4	100355	1073.064 ng/ml
Morphine	1.311	560571	34052.6	23.9	11686.1	10300	998.494 ng/ml
Nordiazepam	5.891	2075934	9302.3	63.4	6798.9	70262	1084.371 ng/ml
Norfentanyl	4.107	144469	4602.9	271.6	15656.3	471688	106.369 ng/ml
Noroxycodone	2.964	3648700	2730.0	38.1	846.3	126340	1046.756 ng/ml
O-desmethyl-tramadol	3.404	17018770	37609.3	6.2	254423.5	881593	1077.902 ng/ml
Oxazepam	5.751	2637484	47463.9	77.0	27515.4	143590	1000.582 ng/ml
Oxycodone	2.885	9988149	24165.2	28.1	8346.5	398085	961.460 ng/ml
Oxymorphone	1.469	4855099	73819.5	41.3	30298.8	197397	962.250 ng/ml
Phentermine	3.811	1584888	29576.3	7.0	1554.2	204337	1048.156 ng/ml
Promethazine	5.554	3099700	4230738.8	37.2	51260.3	148293	1040.458 ng/ml
Quetiapine	5.541	4223754	16197.2	61.3	30998.5	60280	958.489 ng/ml
Sertraline	5.776	295456	249910.9	101.3	262784.3	11636	1097.983 ng/ml
Temazepam	5.818	7227297	166794.7	29.8	36052.6	330219	1053.986 ng/ml
Tramadol	4.262	14976033	602720.0	3.3	1756.1	827908	918.441 ng/ml
Trazodone	5.110	6918931	6682.4	77.2	7863.1	270448	1080.479 ng/ml
Venlafaxine	5.061	11711643	184314.8	38.2	86842.7	642847	1116.049 ng/ml
Zolpidem	4.881	18804809	30276.3	29.5	11580.4	791850	988.707 ng/ml

OCR- Outside Curve Range

BW

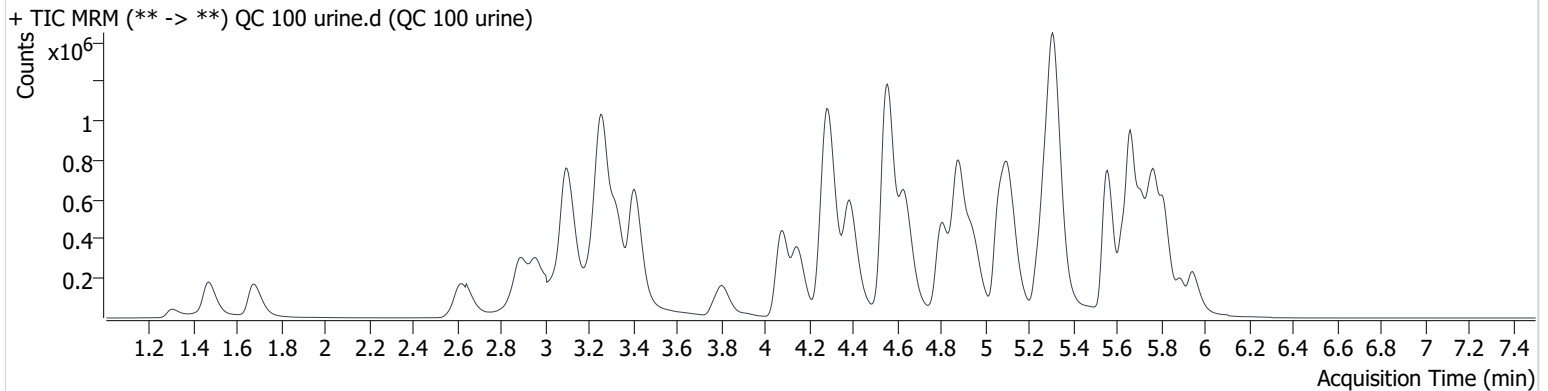
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	QC 100 urine.d
Type	Sample	Sample	QC 100 urine
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 12:03:37 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	16508	1430.9	77.2	1113.9	35545	10.662 ng/ml
7-aminoclonazepam	4.292	315142	685.0	96.6	1998.1	52089	129.161 ng/ml
a-hydroxyalprazolam	5.702	55223	556.6	60.0	753.5	28344	110.293 ng/ml
alpha-PHP	4.954	698292	24287.1	39.3	9825.4	441060	106.766 ng/ml
alpha-PVP	4.387	1134374	14354.3	51.0	13404.6	441060	104.238 ng/ml
Alprazolam	5.776	320762	141.8	117.9	2937.8	117615	107.596 ng/ml
Amphetamine	3.100	2180209	5000.1	46.8	18724.3	317547	104.801 ng/ml
Buprenorphine	5.696	11294	309.6	17.0	1169.8	38912	10.533 ng/ml
Bupropion	4.806	1064364	72894.8	66.6	7563.0	342349	107.530 ng/ml
Carisoprodol	5.726	238583	9733.9	64.7	1412.9	110119	107.118 ng/ml
Citalopram	5.245	598744	20995.2	43.8	12869.0	256981	105.738 ng/ml
Clonazepam	5.625	348291	2396.0	29.8	1454.7	52089	103.060 ng/ml
Cocaine	4.286	807214	2253.6	47.3	28884.3	576992	106.667 ng/ml
Codeine	2.639	94406	2973.1	118.7	3657.5	51287	101.031 ng/ml
Cyclobenzaprine	5.632	701068	1060431.1	8.1	9077.0	205810	108.351 ng/ml
Dextromethorphan	5.289	504054	990.8	72.5	7758.3	243628	104.823 ng/ml
Dextrorphan	4.151	268010	1160.1	219.7	26189.6	315735	106.758 ng/ml
Diazepam	5.947	284305	3018.9	86.4	1790.0	134862	104.929 ng/ml
Dihydrocodeine	2.613	298984	5381.1	56.0	3982.5	150444	106.838 ng/ml
Diphenhydramine	5.316	2055909	44251.9	29.7	4630.2	1041537	107.248 ng/ml
Doxylamine	4.553	2366595	48662.3	99.2	3248.0	885068	103.833 ng/ml
EDDP	5.284	452845	602.7	223.7	12681.4	525467	101.023 ng/ml
Fentanyl	5.110	66268	1194.4	76.2	7793.1	324067	9.696 ng/ml
Fluoxetine	5.714	595814	221402.7	7.4	25452.4	205846	109.122 ng/ml
Hydrocodone	3.061	450491	940.5	34.3	6333.9	238188	105.833 ng/ml
Hydromorphone	1.672	384698	3067.4	70.6	17046.7	106229	107.582 ng/ml
Ketamine	4.071	749972	15704.8	39.8	3287.4	315791	108.363 ng/ml
Lamotrigine	4.314	58834	950.0	89.4	3166.6	1041537	65.442 ng/ml
Lorazepam	5.749	266828	4226.9	44.8	708.0	119681	94.159 ng/ml
MDA	3.241	1170505	1356.8	26.2	1605.2	326341	108.902 ng/ml
MDMA	3.328	770062	27426.2	88.9	22383.6	68221	114.060 ng/ml
Meprobamate	4.935	227893	1042.6	27.7	1396.0	84100	104.754 ng/ml
Methadone	5.662	1320051	27223.5	48.3	5890.1	559203	106.249 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.262	1518859	9258.4	42.8	5348.6	663887	114.618 ng/ml
Metoprolol	4.349	128025	5019.4	93.2	1404.8	243628	41.961 ng/ml
Mirtazapine	4.635	1436968	12802.8	45.4	16983.7	559203	89.267 ng/ml
Mitragynine	5.234	244692	7954.6	31.6	108132.4	243628	145.246 ng/ml
Morphine	1.306	56543	3704.7	22.5	1161.4	9149	112.995 ng/ml
Nordiazepam	5.891	233643	4786.9	63.8	3698.6	81322	105.465 ng/ml
Norfentanyl	4.107	18986	136.0	278.2	1423.5	651044	10.154 ng/ml
Noroxycodone	2.959	487384	3627.5	38.7	8349.5	154795	114.064 ng/ml
O-desmethyl-tramadol	3.409	1511226	2828.8	6.5	7191.5	822461	102.821 ng/ml
Oxazepam	5.756	418381	9519.9	79.2	3424.9	217382	104.865 ng/ml
Oxycodone	2.886	1009273	7941.2	25.6	2482.9	372043	104.022 ng/ml
Oxymorphone	1.464	502022	21621.1	41.9	2378.8	183503	106.886 ng/ml
Phentermine	3.811	299835	717.5	7.9	292.5	364009	111.930 ng/ml
Promethazine	5.554	1094406	19595.5	37.7	39747.4	510513	106.480 ng/ml
Quetiapine	5.541	480000	7764.0	59.7	337083.0	66333	98.766 ng/ml
Sertraline	5.776	175853	5674.7	103.7	340653.6	72957	103.695 ng/ml
Temazepam	5.818	703034	1695.1	29.8	4078.9	334500	101.374 ng/ml
Tramadol	4.268	1774831	2711.0	3.4	1144.4	844289	106.357 ng/ml
Trazodone	5.110	895915	5085.8	76.3	7366.8	377454	100.567 ng/ml
Venlafaxine	5.066	1165958	50871.9	39.7	8732.2	670927	106.844 ng/ml
Zolpidem	4.880	1896569	5803.6	31.4	9534.5	765859	103.268 ng/ml

9/16 PI

BW

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	1747-2 ✓	1747 ⁹	IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	1748 ✓	1741 ⁰	IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	1750 ✓	1710 ⁹	IS + Cal. 3	IS + QC_3					neg	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	1774 ✓	1734 ⁰	IS + Cal. 4	IS + QC_4					IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	1775-2 ✓	1789-3 ⁶	IS + Cal. 5	IS + QC_2					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	neg	1780 ✓	1800 ⁰	IS + Cal. 6	neg					IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	1697 ✓	1783-2 ✓	1801 ⁸	IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	1725 ✓	1775 ⁸ neg	1775 ⁰	IS + Cal. 8						IS + QC_1	IS + Cal. 1

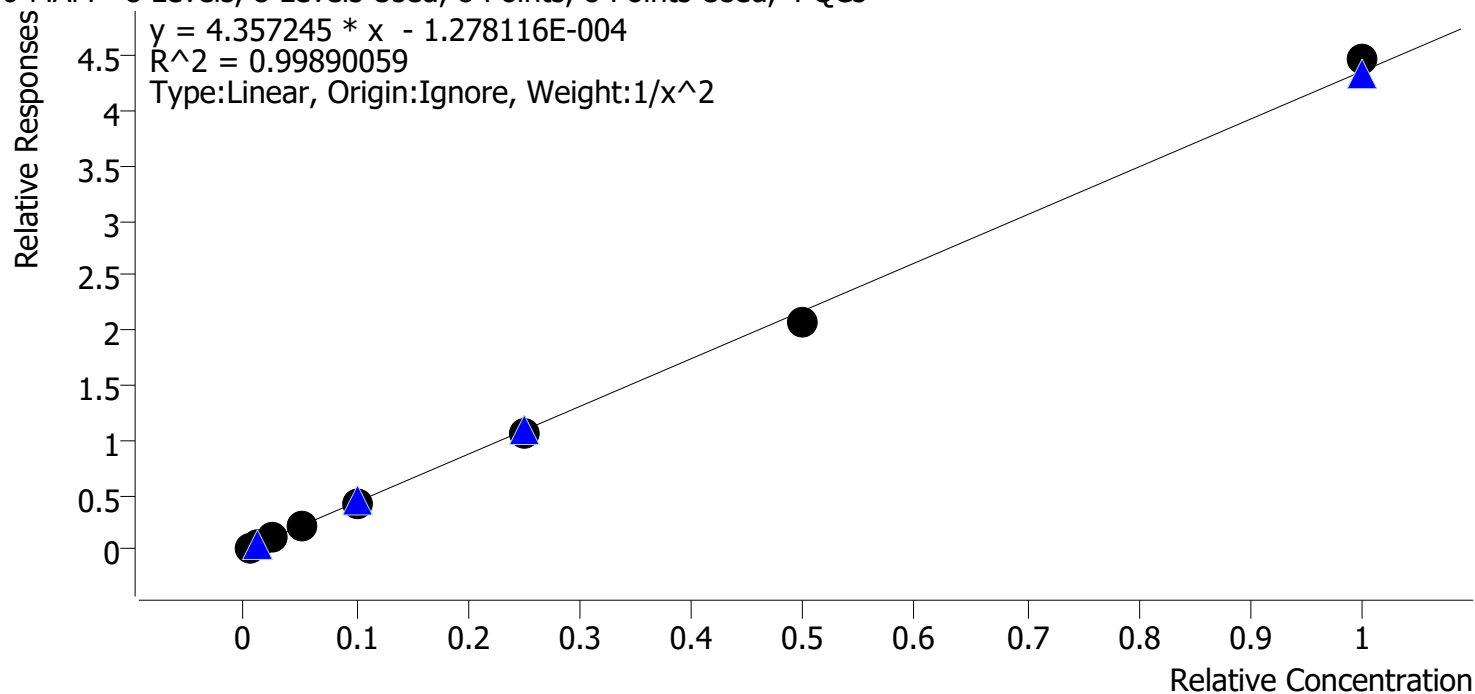
Case # Prefix:
C2020-

All wells to contain 60 µl stabilizing solution

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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

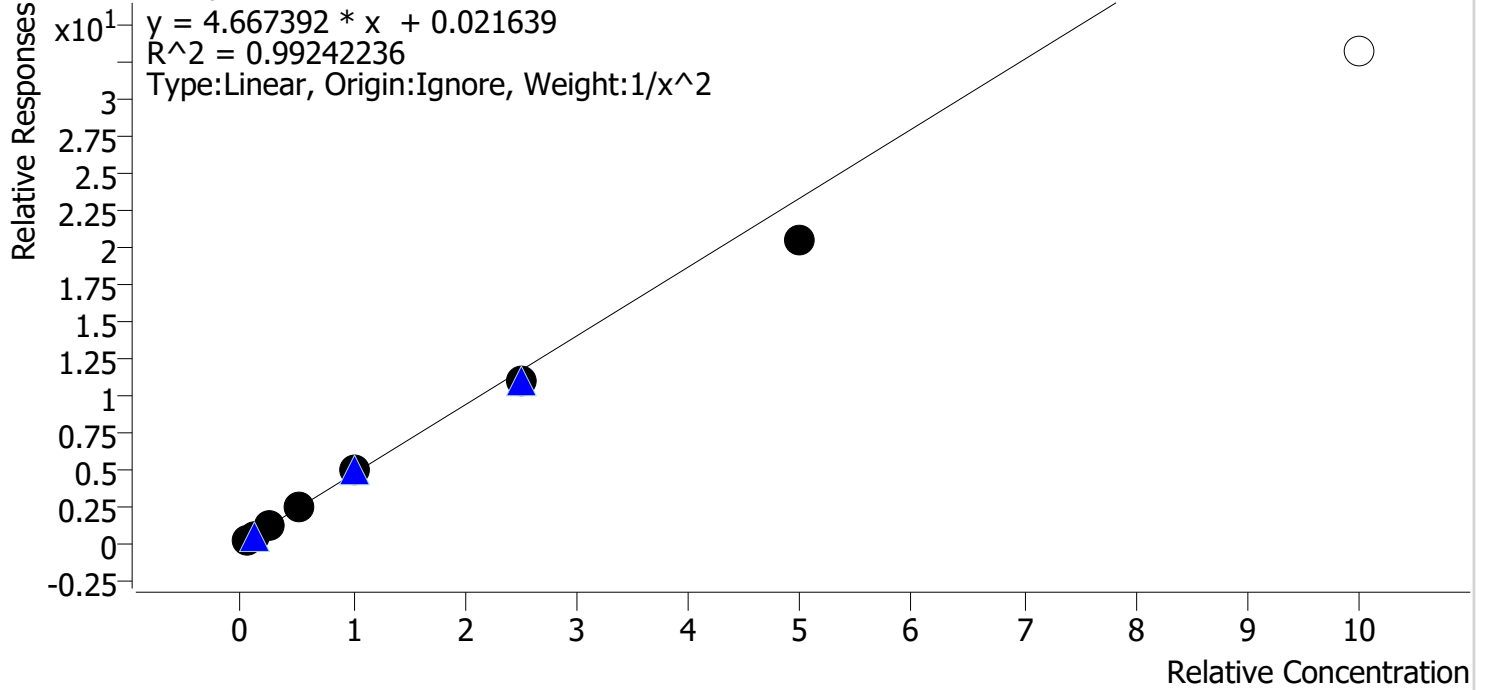


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	98.8
cal 2 mdq	2	✓	1.0	1.0	100.5
cal 3 mdq	3	✓	2.5	2.6	104.7
cal 4 mdq	4	✓	5.0	5.1	101.6
cal 5 mdq	5	✓	10.0	9.8	98.5
cal 6 mdq	6	✓	25.0	24.5	97.9
cal 7 mdq	7	✓	50.0	47.8	95.6
cal 8 mdq	8	✓	100.0	102.4	102.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** Clonazepam-D4

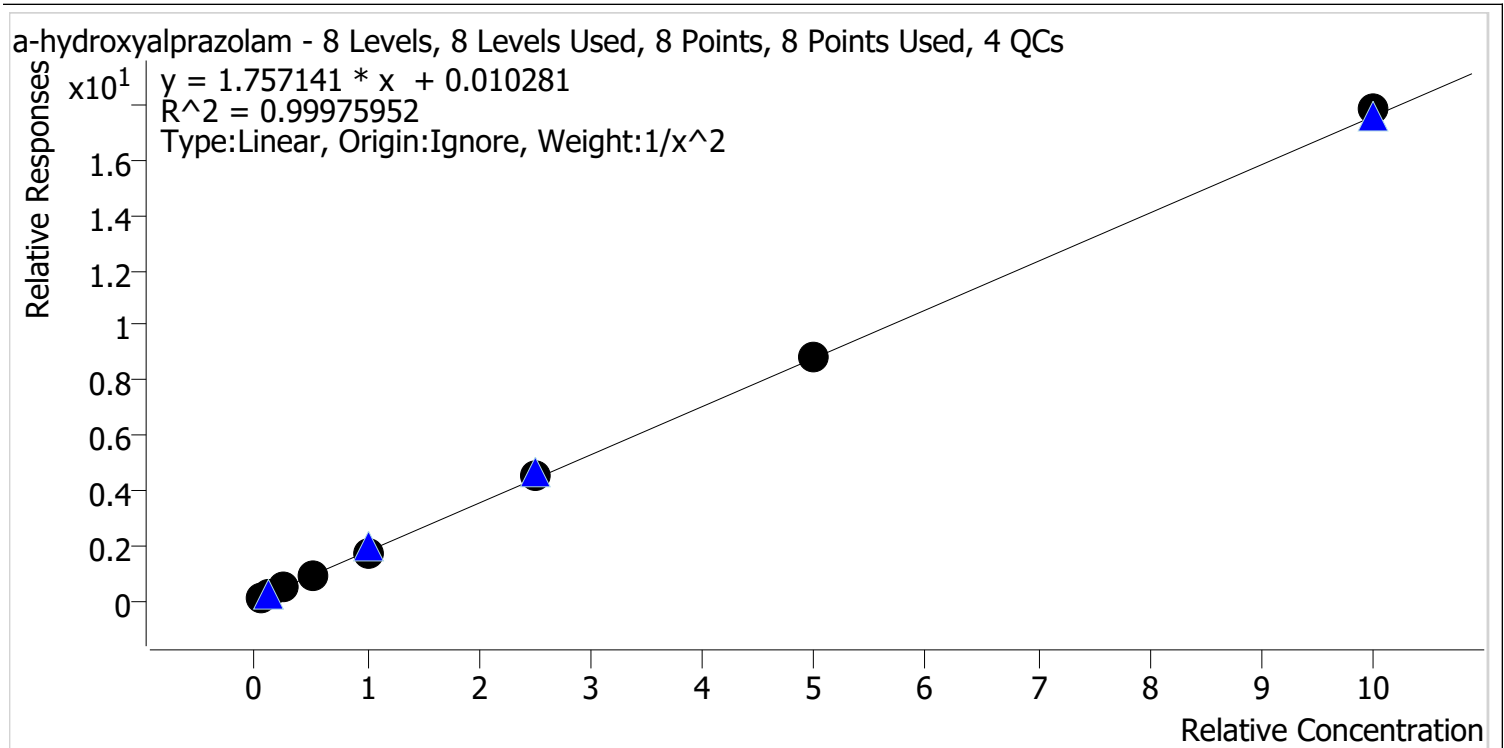
7-aminoclonazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.9
cal 2 mdq	2	✓	10.0	10.3	102.6
cal 3 mdq	3	✓	25.0	26.2	105.0
cal 4 mdq	4	✓	50.0	53.8	107.5
cal 5 mdq	5	✓	100.0	106.6	106.6
cal 6 mdq	6	✓	250.0	233.1	93.3
cal 7 mdq	7	✓	500.0	440.8	88.2
cal 8 mdq	8	✗	1000.0	711.8	71.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

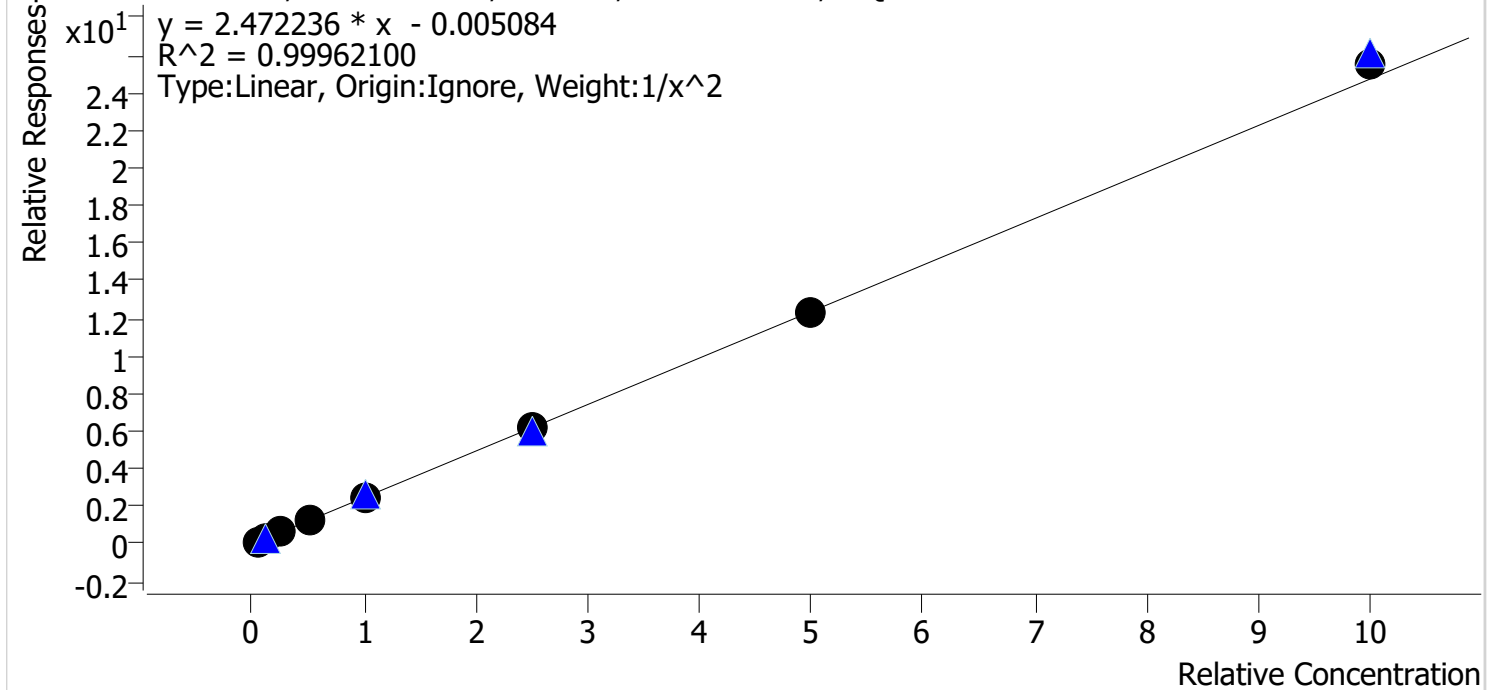


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	49.4	98.9
cal 5 mdq	5	✓	100.0	98.8	98.8
cal 6 mdq	6	✓	250.0	254.7	101.9
cal 7 mdq	7	✓	500.0	500.2	100.0
cal 8 mdq	8	✓	1000.0	1014.8	101.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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

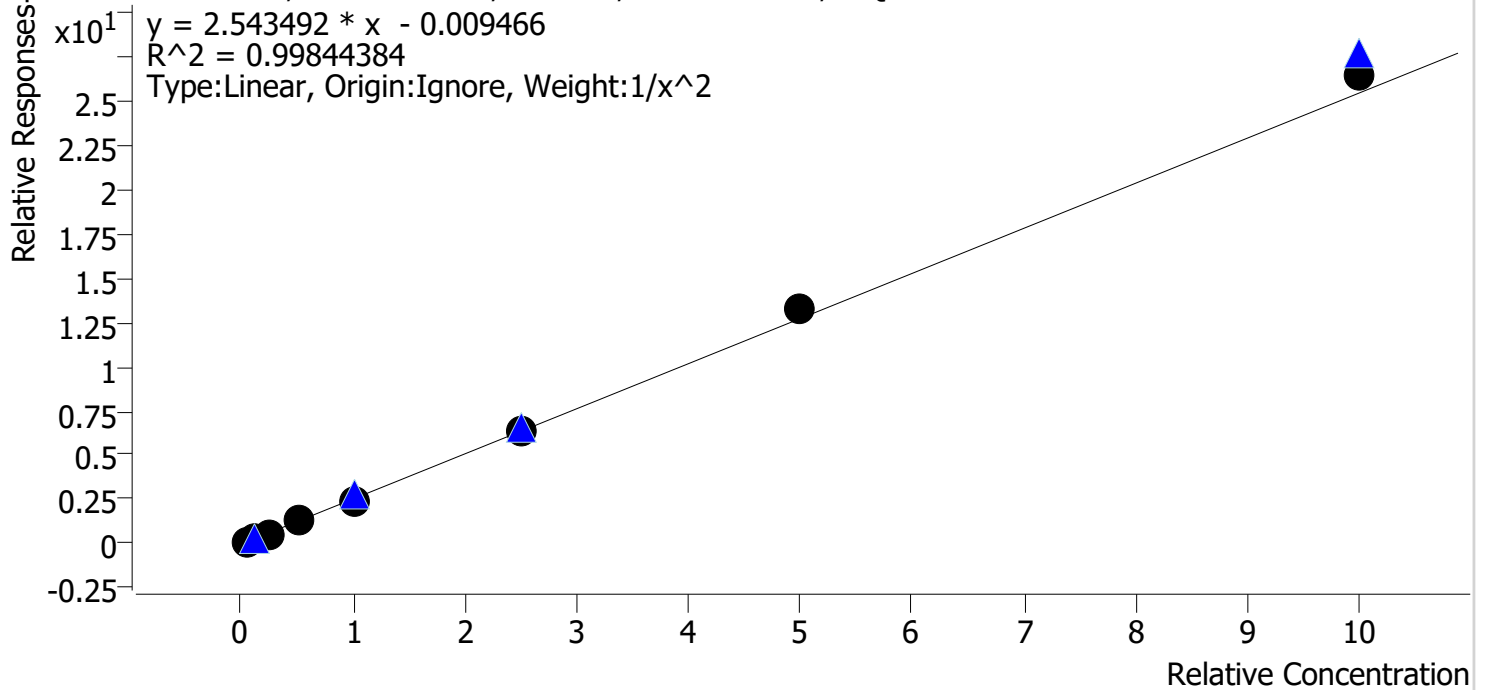


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	494.8	99.0
cal 8 mdq	8	✓	1000.0	1032.9	103.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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

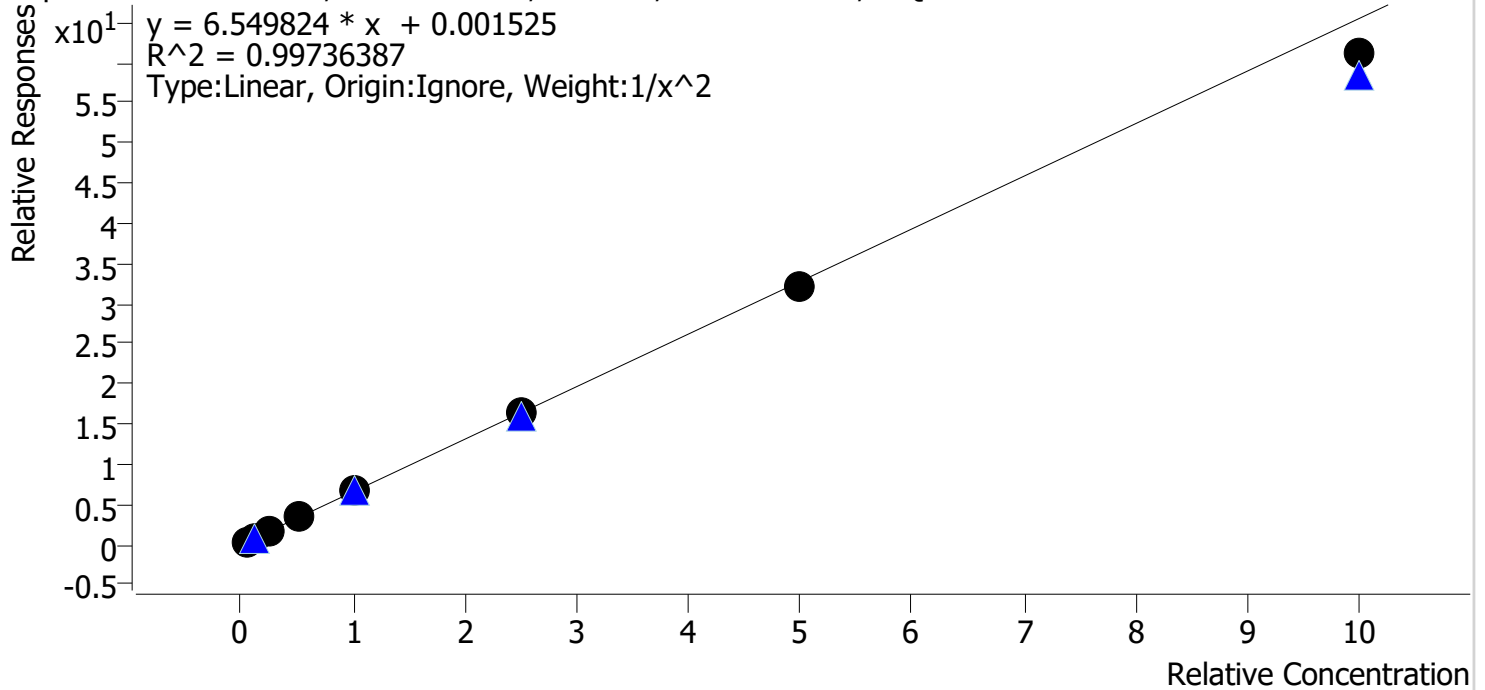


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.7
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	49.2	98.4
cal 5 mdq	5	✓	100.0	97.0	97.0
cal 6 mdq	6	✓	250.0	254.1	101.6
cal 7 mdq	7	✓	500.0	519.8	104.0
cal 8 mdq	8	✓	1000.0	1039.0	103.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

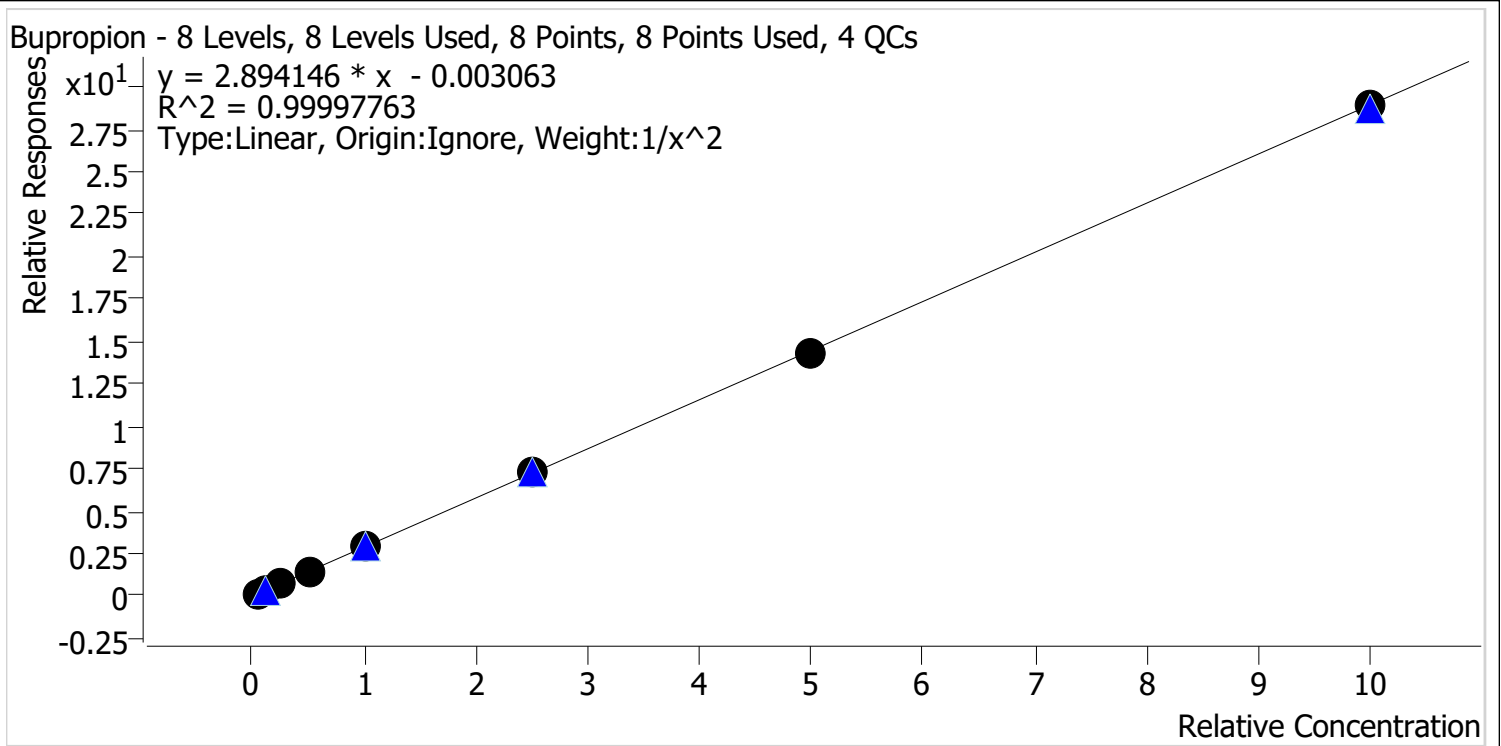
Amphetamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdq	2	✓	10.0	9.6	96.1
cal 3 mdq	3	✓	25.0	26.9	107.6
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	102.6	102.6
cal 6 mdq	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	487.1	97.4
cal 8 mdq	8	✓	1000.0	933.2	93.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

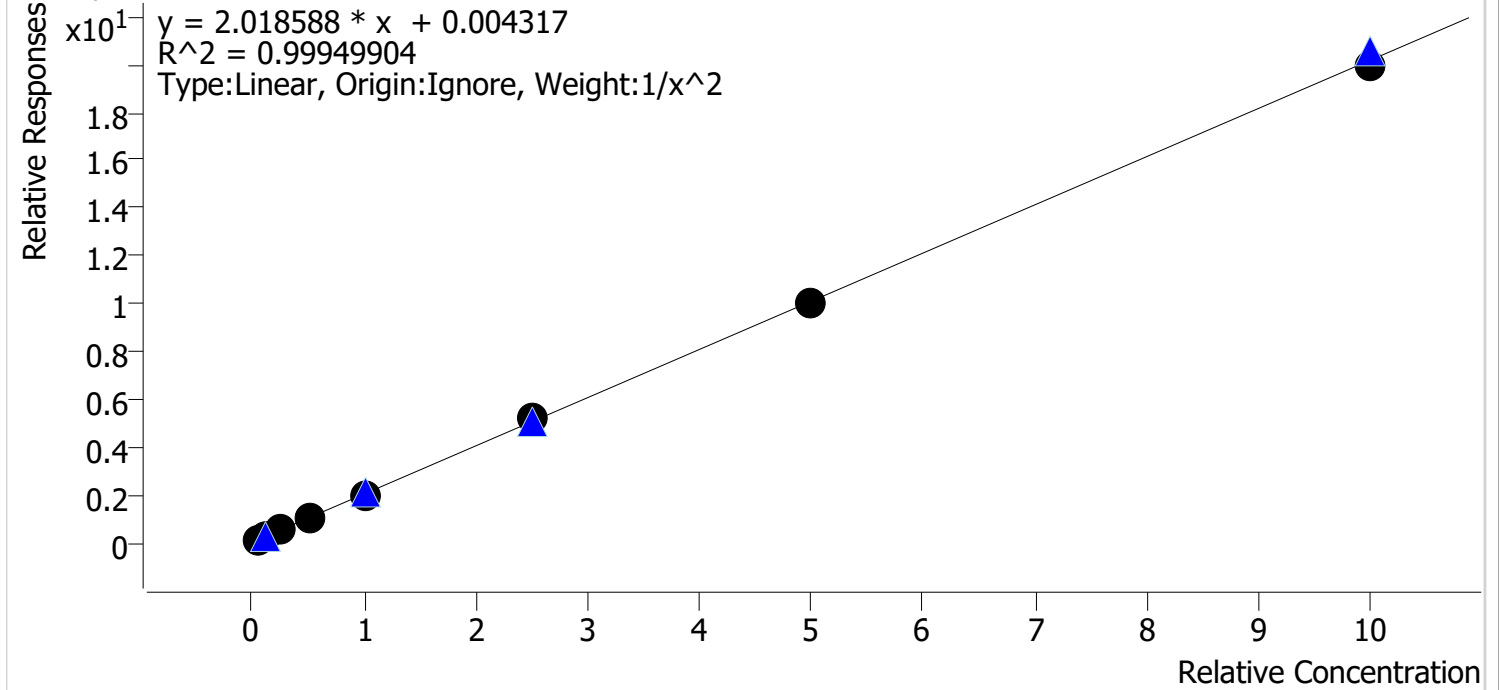


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.9	99.4
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	250.7	100.3
cal 7 mdq	7	✓	500.0	497.4	99.5
cal 8 mdq	8	✓	1000.0	998.6	99.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

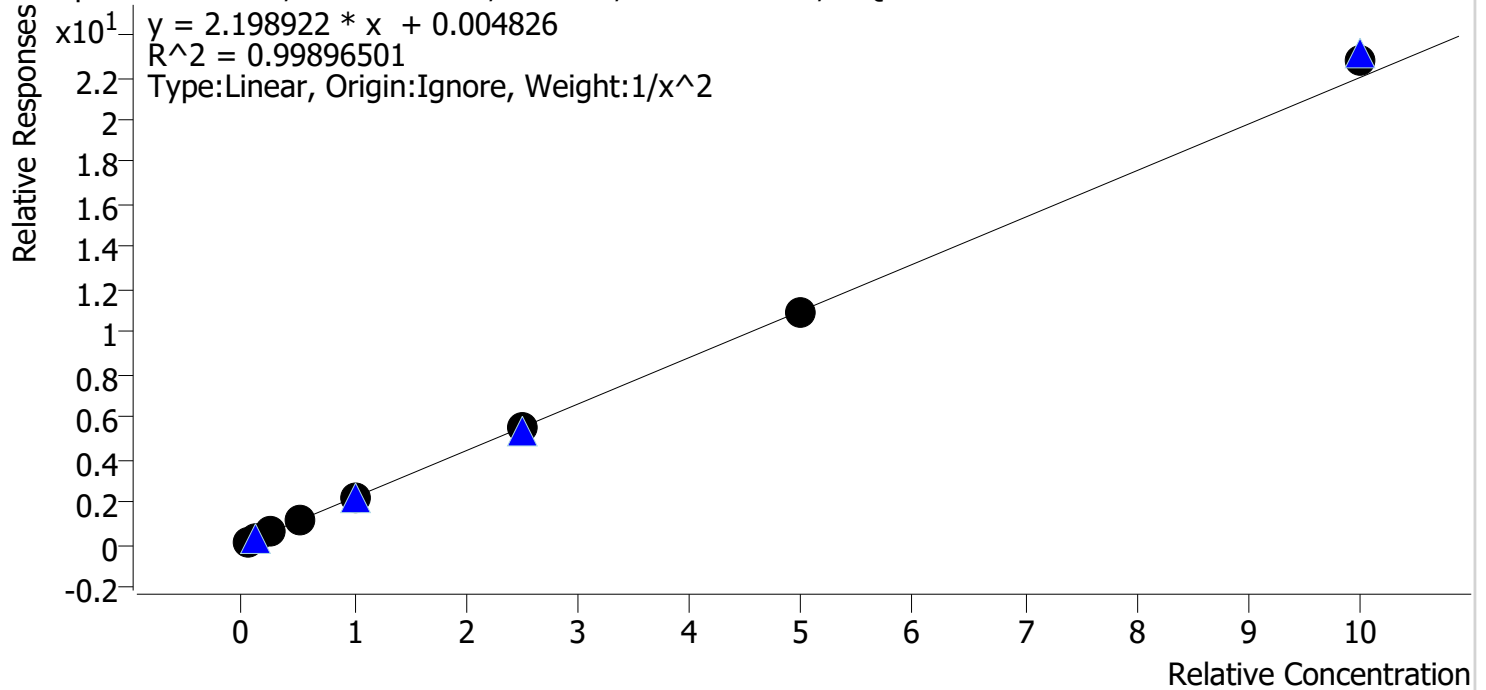


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	25.0	100.1
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	258.7	103.5
cal 7 mdq	7	✓	500.0	497.0	99.4
cal 8 mdq	8	✓	1000.0	987.6	98.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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

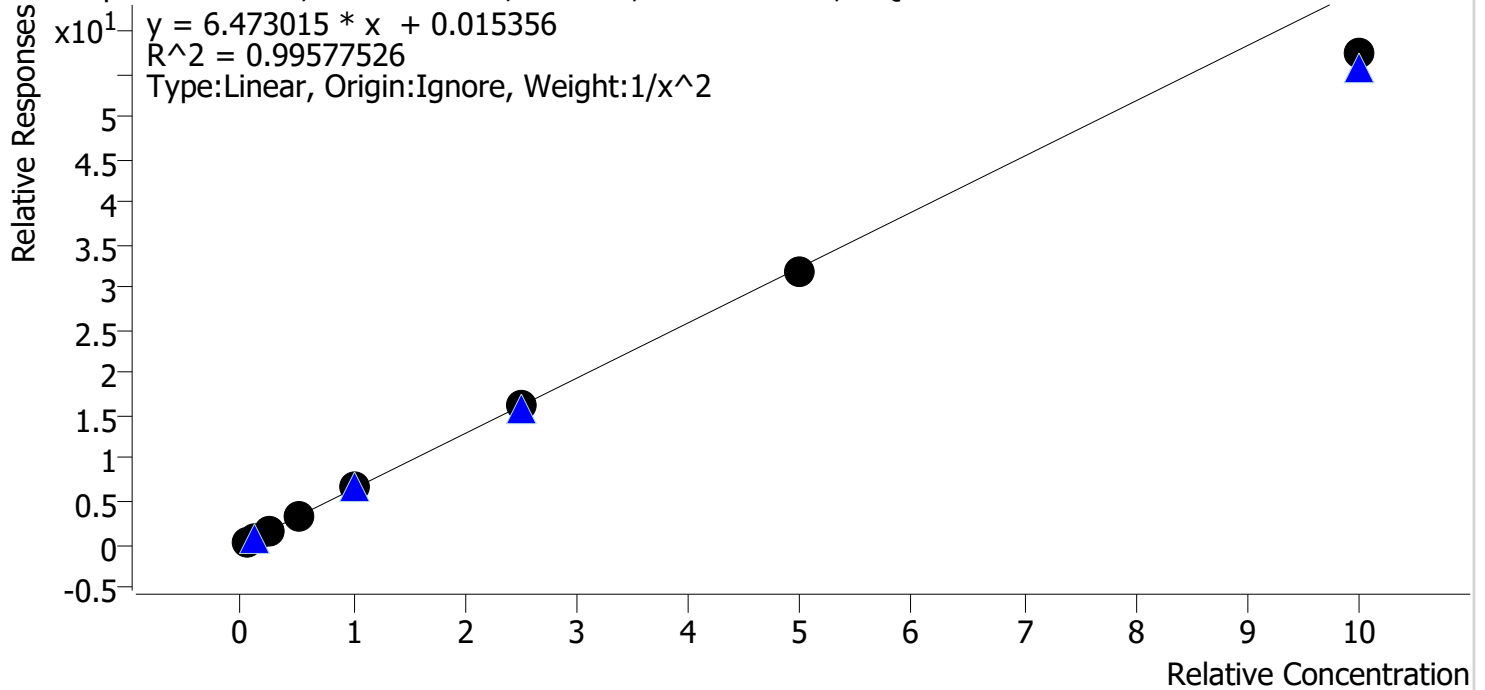


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.8
cal 2 mdq	2	✓	10.0	9.6	95.6
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	50.0	100.0
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	499.6	99.9
cal 8 mdq	8	✓	1000.0	1039.7	104.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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

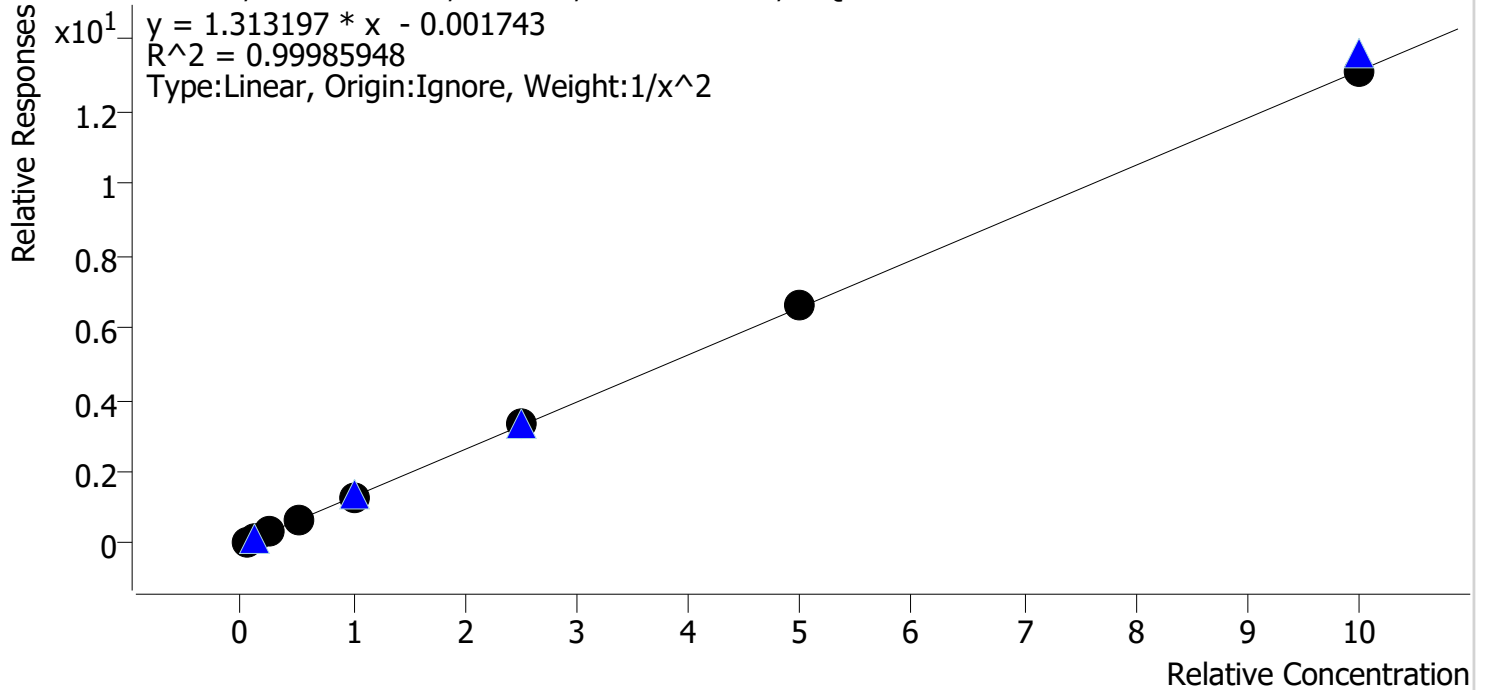


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	97.0
cal 2 mdq	2	✓	10.0	10.4	103.9
cal 3 mdq	3	✓	25.0	25.3	101.2
cal 4 mdq	4	✓	50.0	53.4	106.9
cal 5 mdq	5	✓	100.0	104.3	104.3
cal 6 mdq	6	✓	250.0	247.9	99.2
cal 7 mdq	7	✓	500.0	495.1	99.0
cal 8 mdq	8	✓	1000.0	885.6	88.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

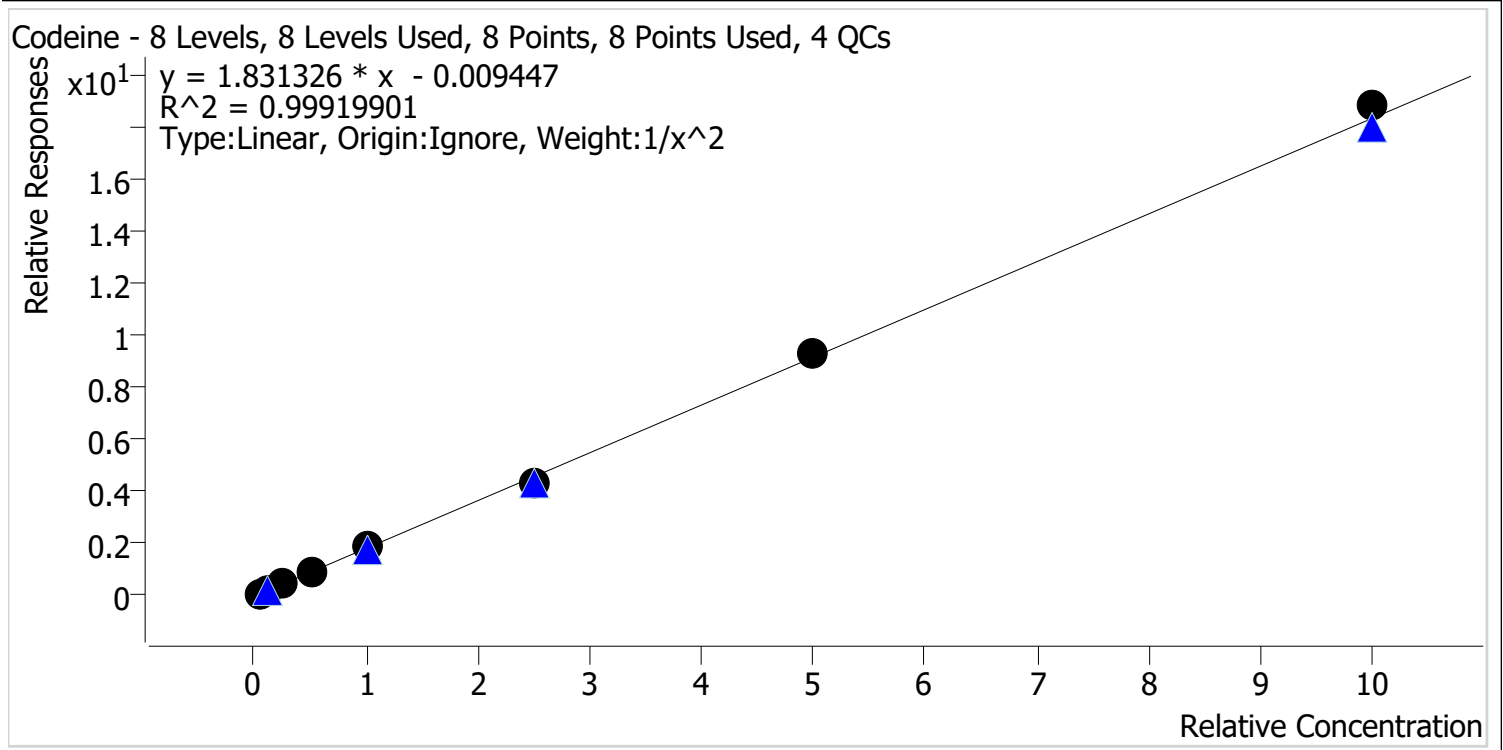
Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	25.2	100.7
cal 4 mdq	4	✓	50.0	49.7	99.3
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	504.0	100.8
cal 8 mdq	8	✓	1000.0	1000.6	100.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

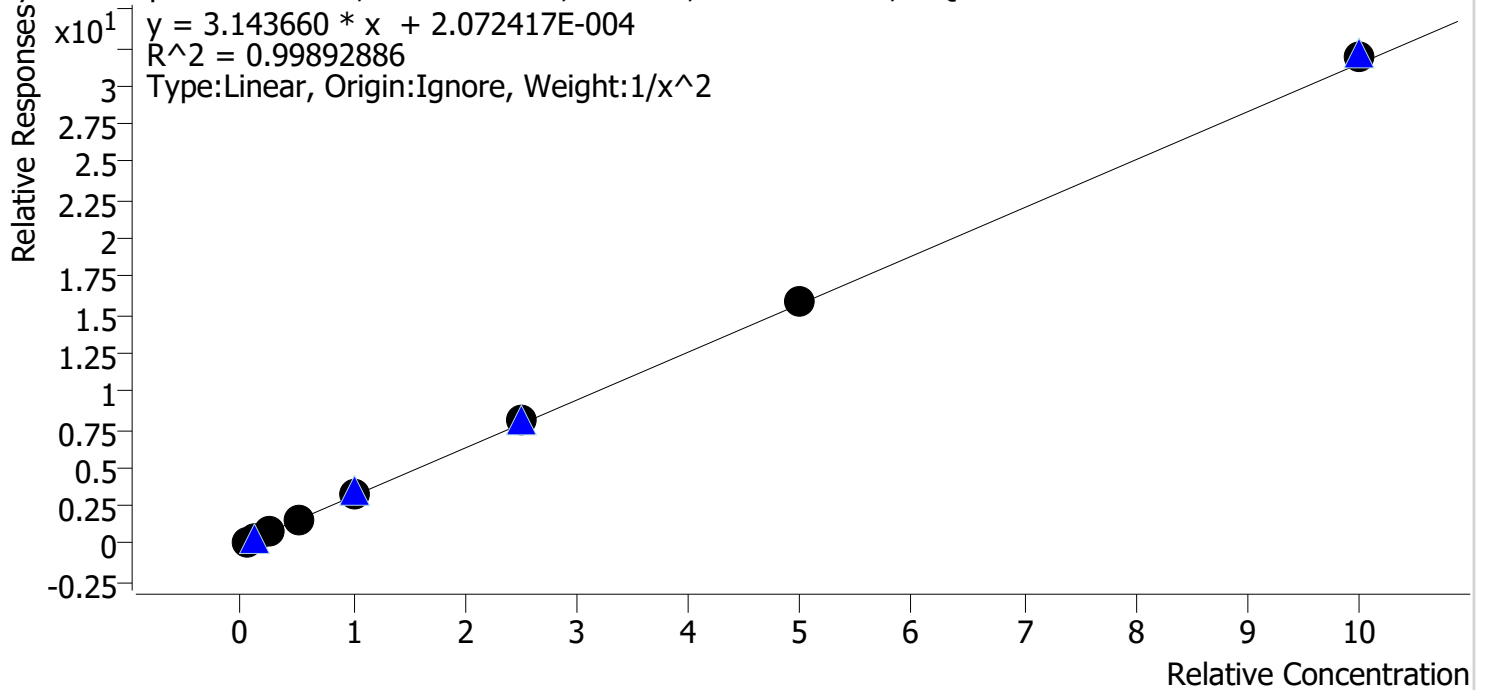


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	51.1	102.1
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	238.2	95.3
cal 7 mdq	7	✓	500.0	505.1	101.0
cal 8 mdq	8	✓	1000.0	1026.8	102.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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

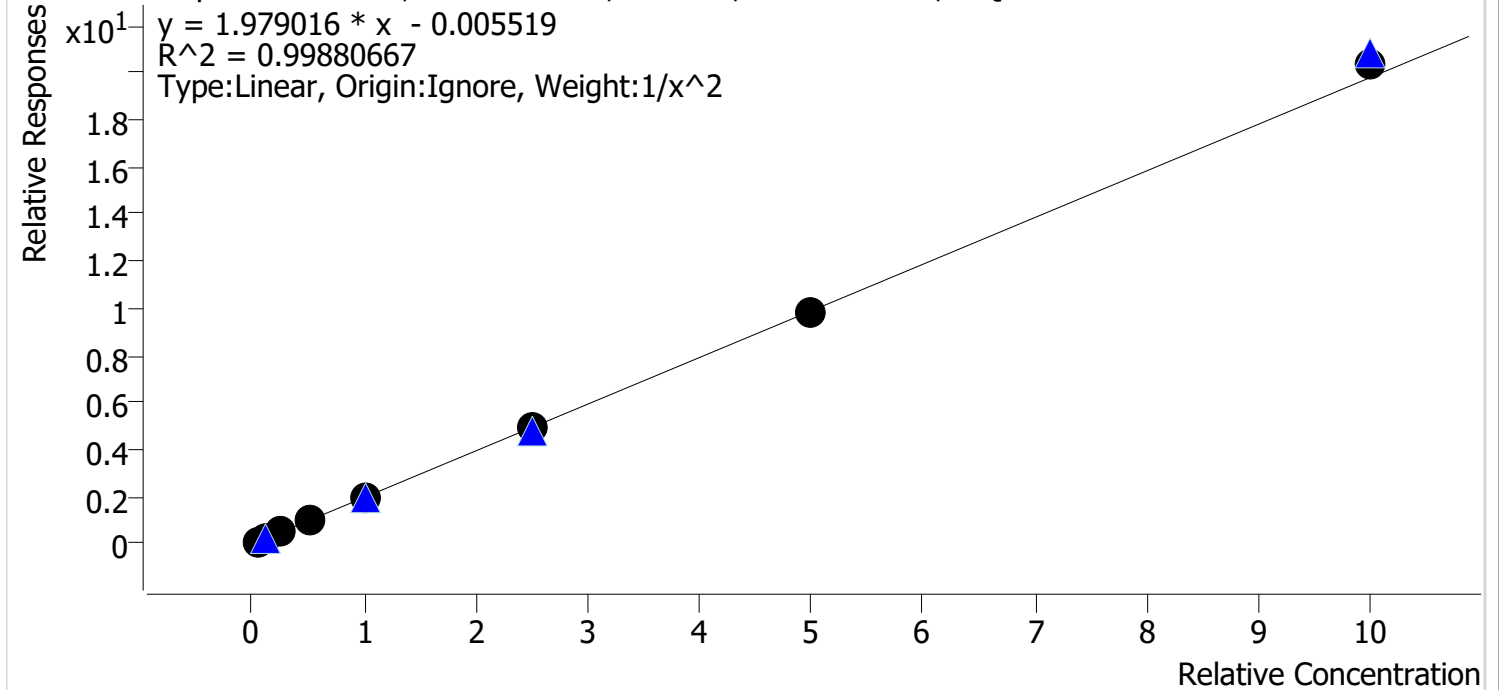


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdq	6	✓	250.0	255.4	102.2
cal 7 mdq	7	✓	500.0	501.6	100.3
cal 8 mdq	8	✓	1000.0	1017.5	101.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

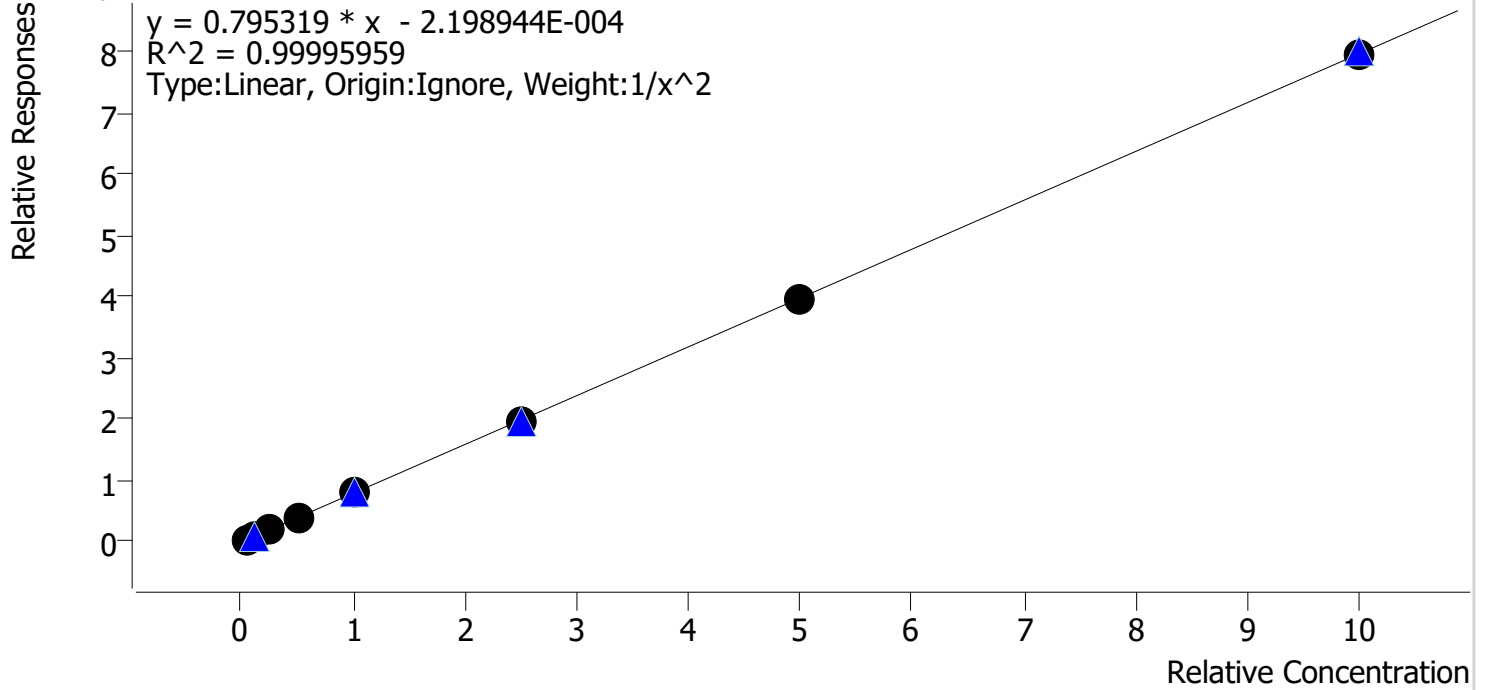


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdq	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	23.9	95.4
cal 4 mdq	4	✓	50.0	50.4	100.7
cal 5 mdq	5	✓	100.0	102.9	102.9
cal 6 mdq	6	✓	250.0	247.2	98.9
cal 7 mdq	7	✓	500.0	499.7	99.9
cal 8 mdq	8	✓	1000.0	1032.9	103.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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

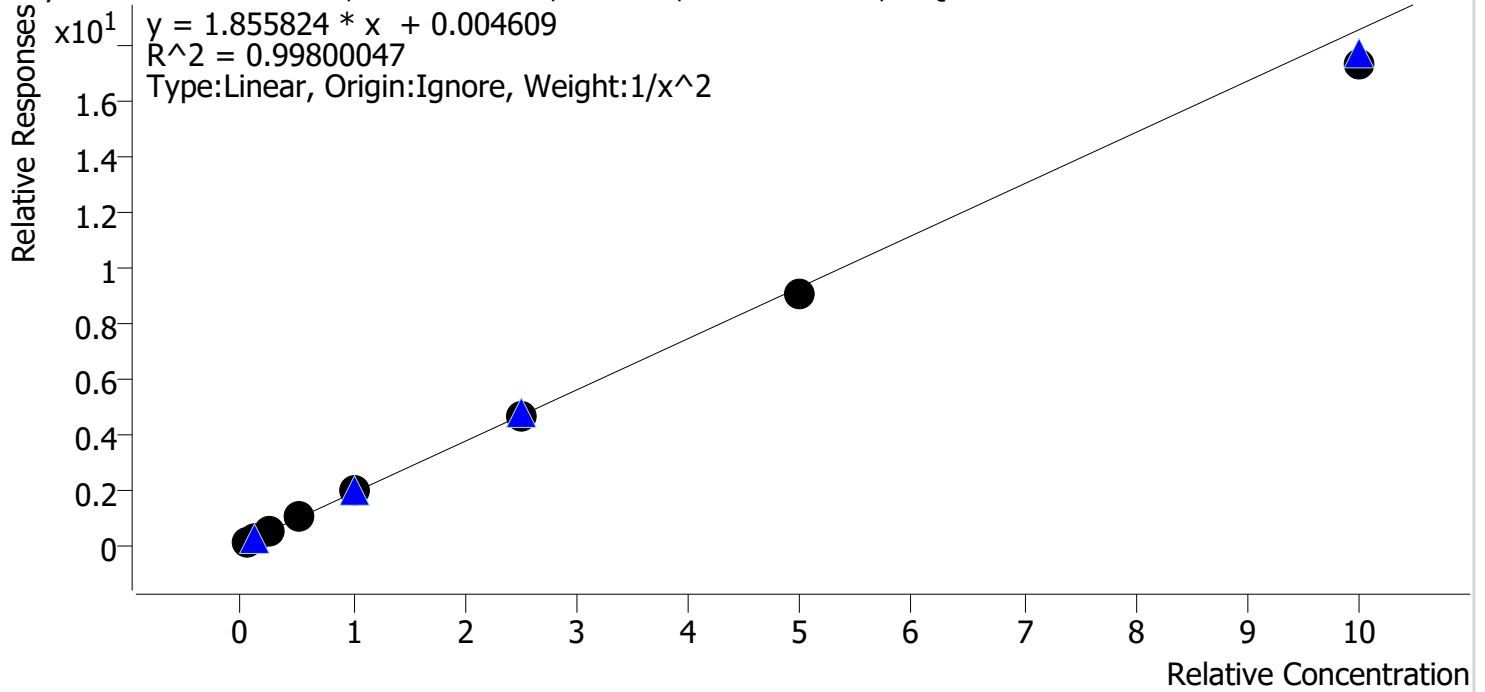


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	498.3	99.7
cal 8 mdq	8	✓	1000.0	999.6	100.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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

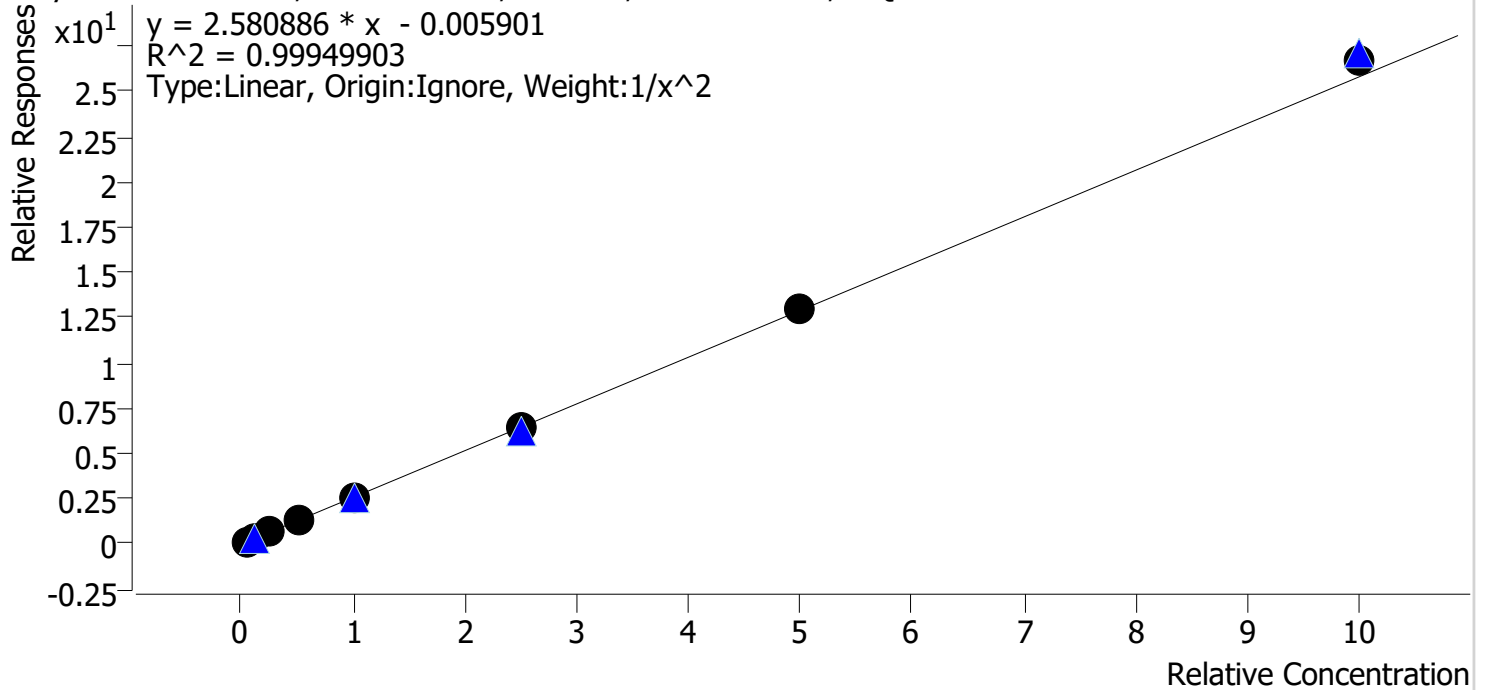


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	26.1	104.3
cal 4 mdq	4	✓	50.0	52.7	105.5
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	489.7	97.9
cal 8 mdq	8	✓	1000.0	932.9	93.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

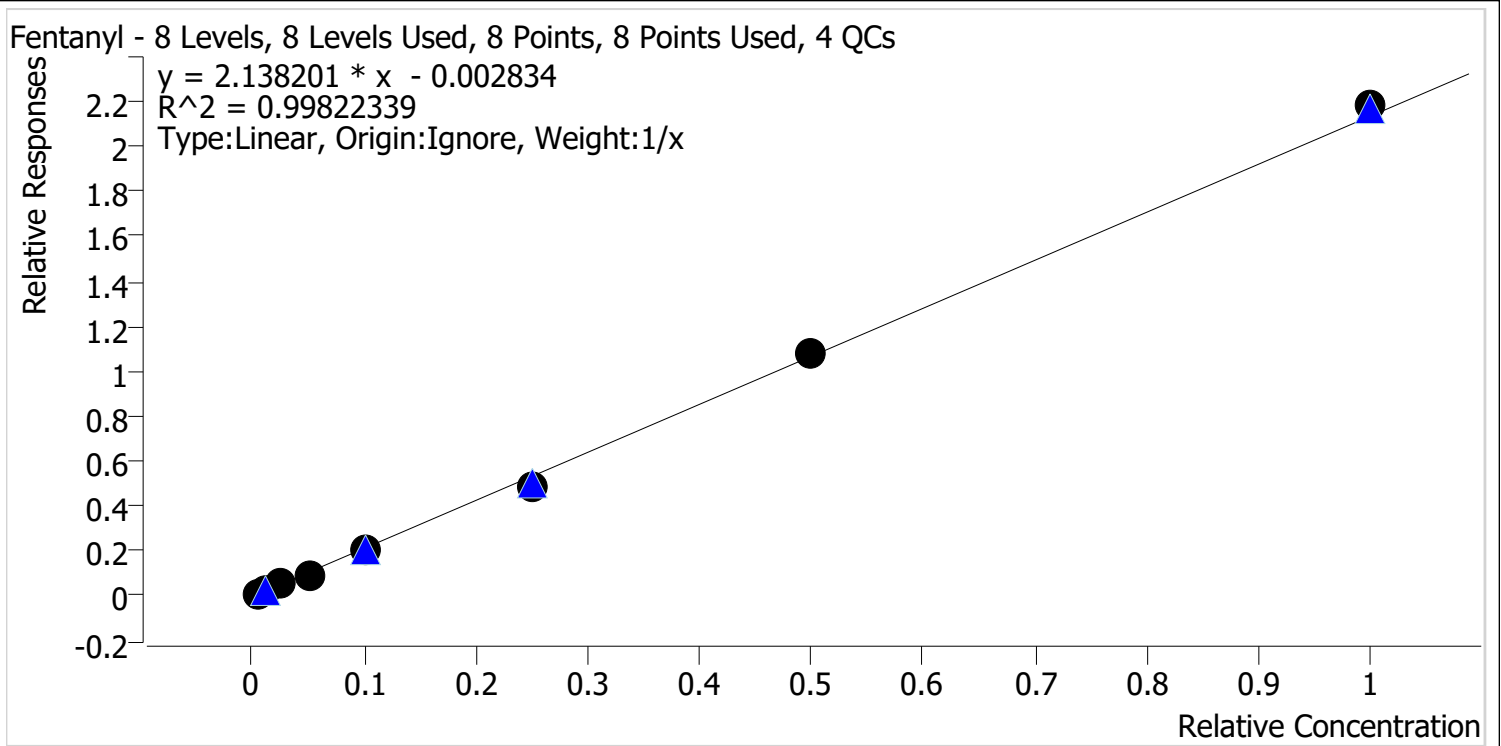
Doxylamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.9	99.3
cal 3 mdq	3	✓	25.0	24.9	99.4
cal 4 mdq	4	✓	50.0	49.1	98.2
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	504.0	100.8
cal 8 mdq	8	✓	1000.0	1038.0	103.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

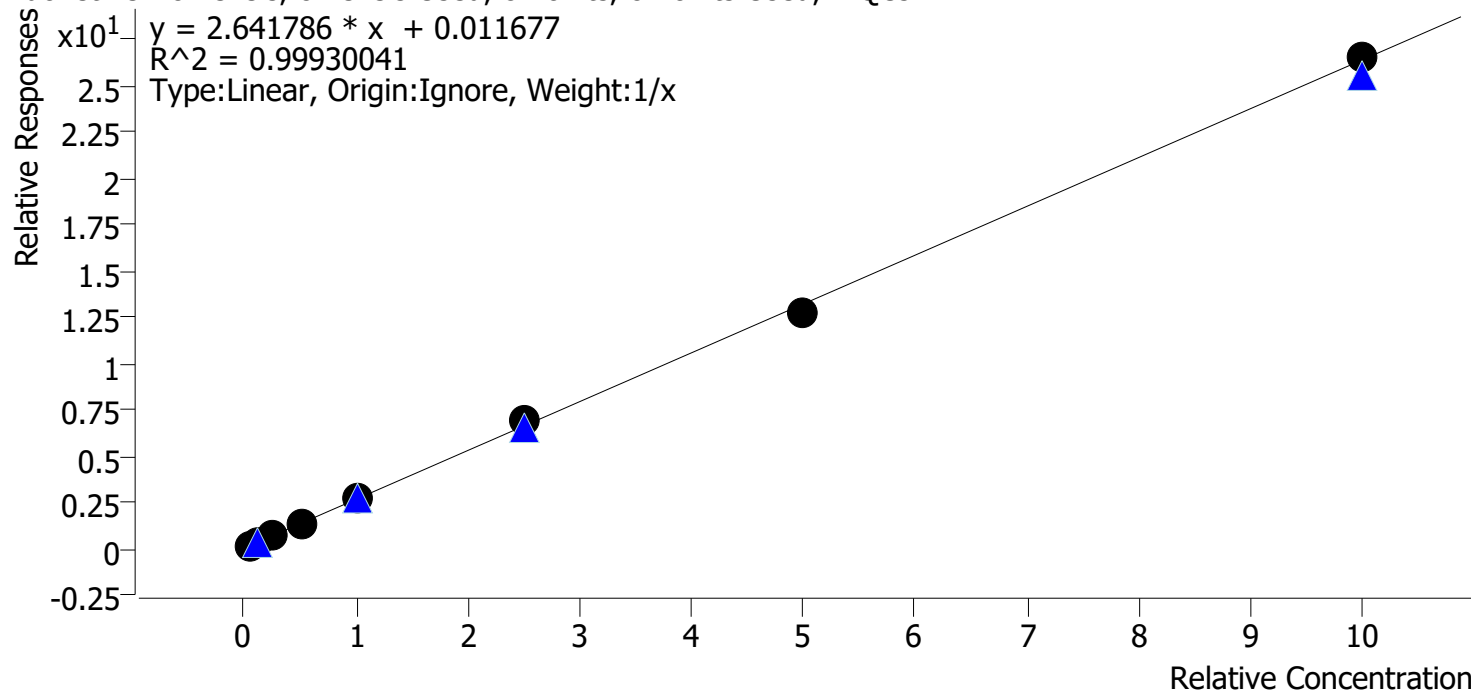


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	112.0
cal 2 mdq	2	✓	1.0	1.1	110.1
cal 3 mdq	3	✓	2.5	2.4	95.3
cal 4 mdq	4	✓	5.0	4.6	92.6
cal 5 mdq	5	✓	10.0	9.5	94.7
cal 6 mdq	6	✓	25.0	22.9	91.6
cal 7 mdq	7	✓	50.0	50.7	101.5
cal 8 mdq	8	✓	100.0	102.2	102.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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

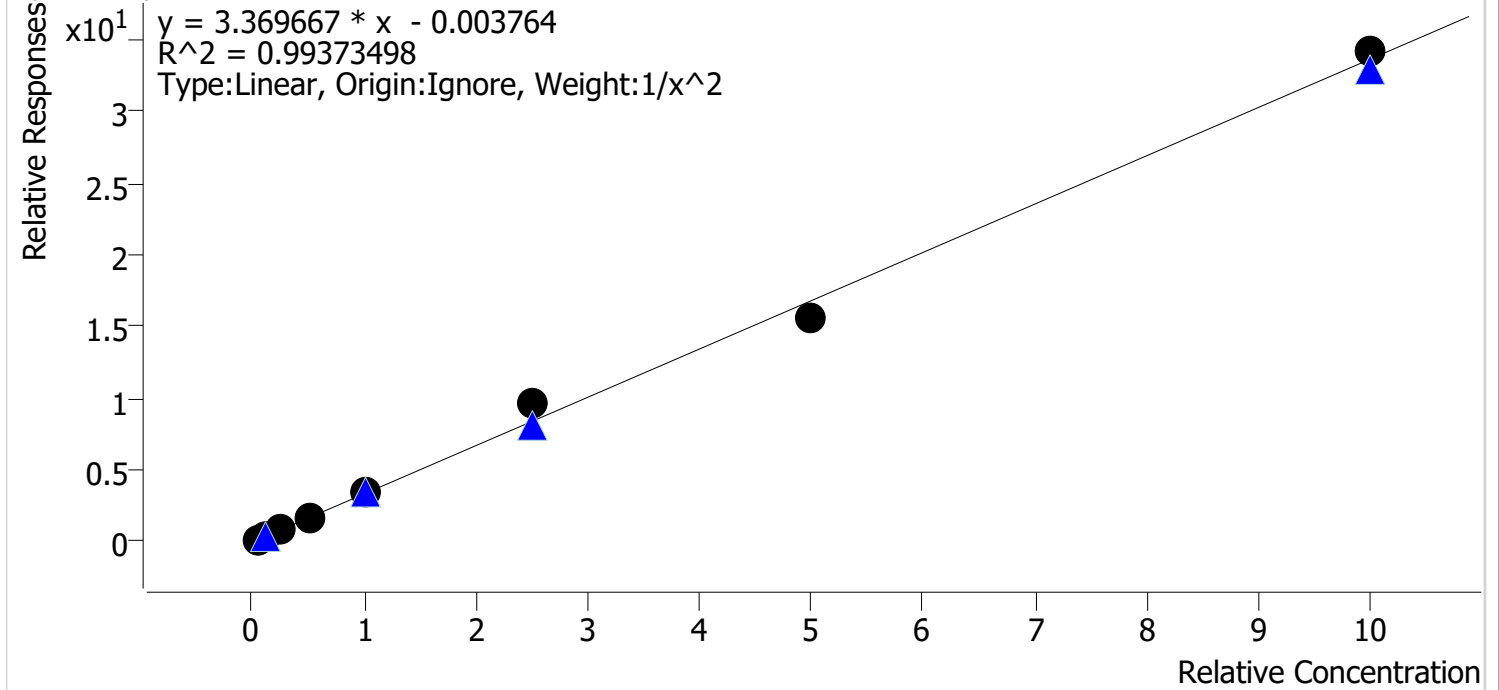


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.7
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	51.3	102.5
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	260.1	104.0
cal 7 mdq	7	✓	500.0	482.0	96.4
cal 8 mdq	8	✓	1000.0	1004.8	100.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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

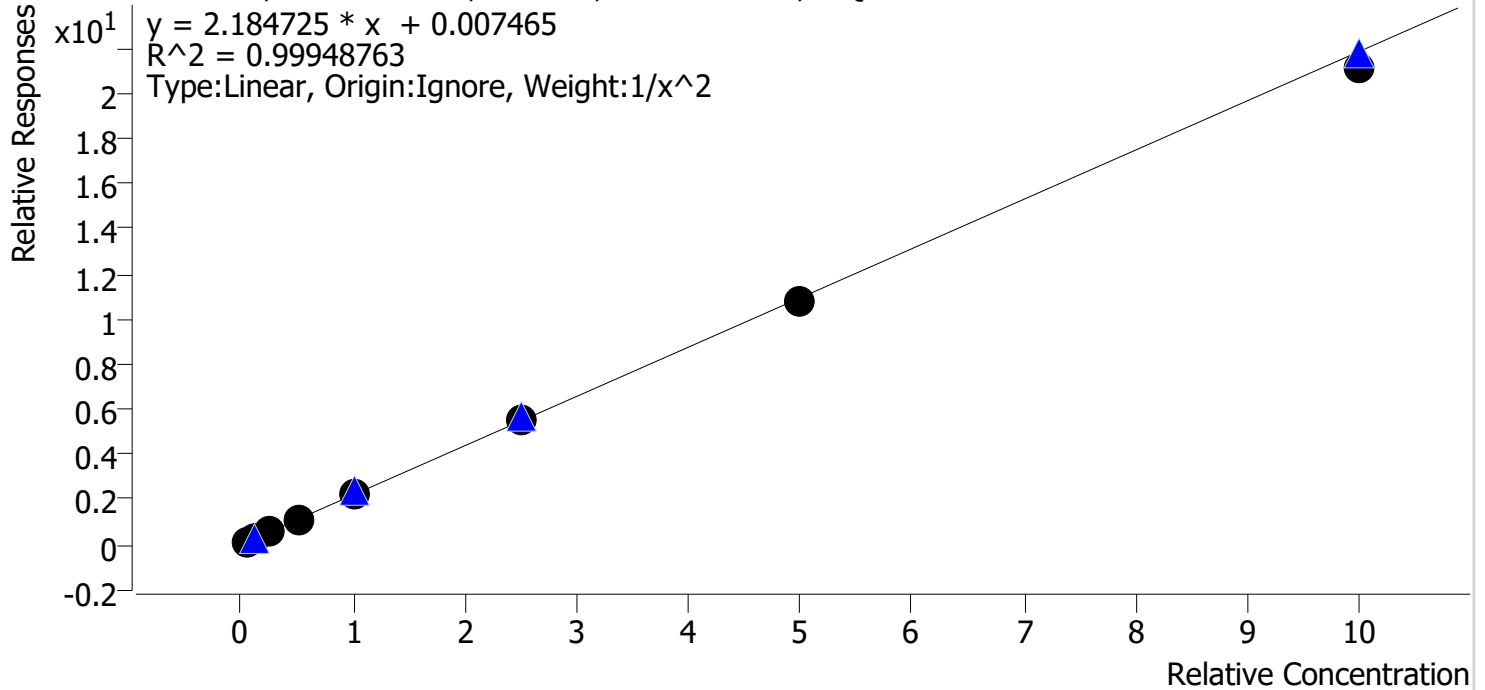


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.8
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	23.6	94.5
cal 4 mdq	4	✓	50.0	47.7	95.4
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	287.2	114.9
cal 7 mdq	7	✓	500.0	468.1	93.6
cal 8 mdq	8	✓	1000.0	1015.7	101.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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

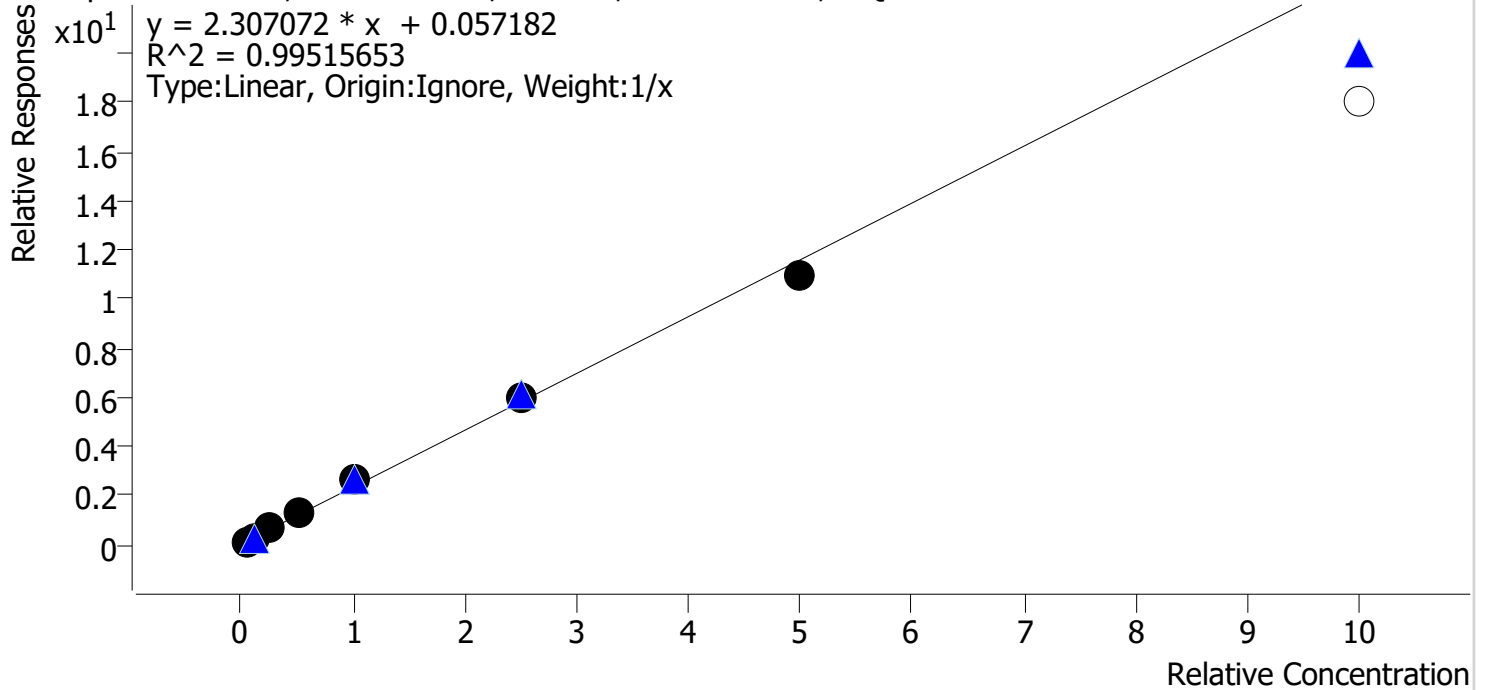


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	254.2	101.7
cal 7 mdq	7	✓	500.0	493.2	98.6
cal 8 mdq	8	✓	1000.0	963.5	96.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** 7-Aminoclonazepam-D4

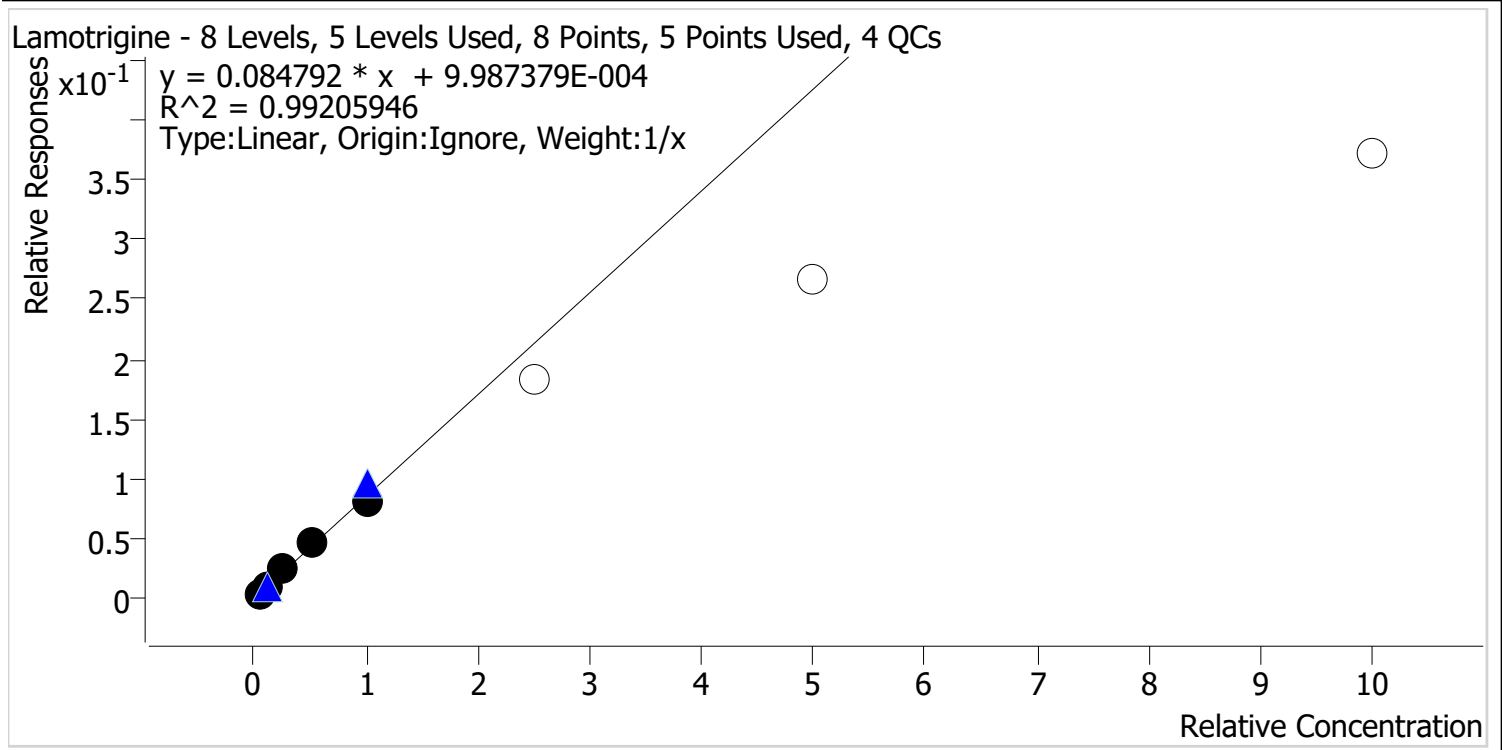
Lorazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	3.7	73.1
cal 2 mdq	2	✓	10.0	10.1	100.5
cal 3 mdq	3	✓	25.0	26.4	105.6
cal 4 mdq	4	✓	50.0	55.4	110.8
cal 5 mdq	5	✓	100.0	111.8	111.8
cal 6 mdq	6	✓	250.0	257.9	103.1
cal 7 mdq	7	✓	500.0	474.8	95.0
cal 8 mdq	8	✗	1000.0	776.2	77.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Diphenhydramine-D3

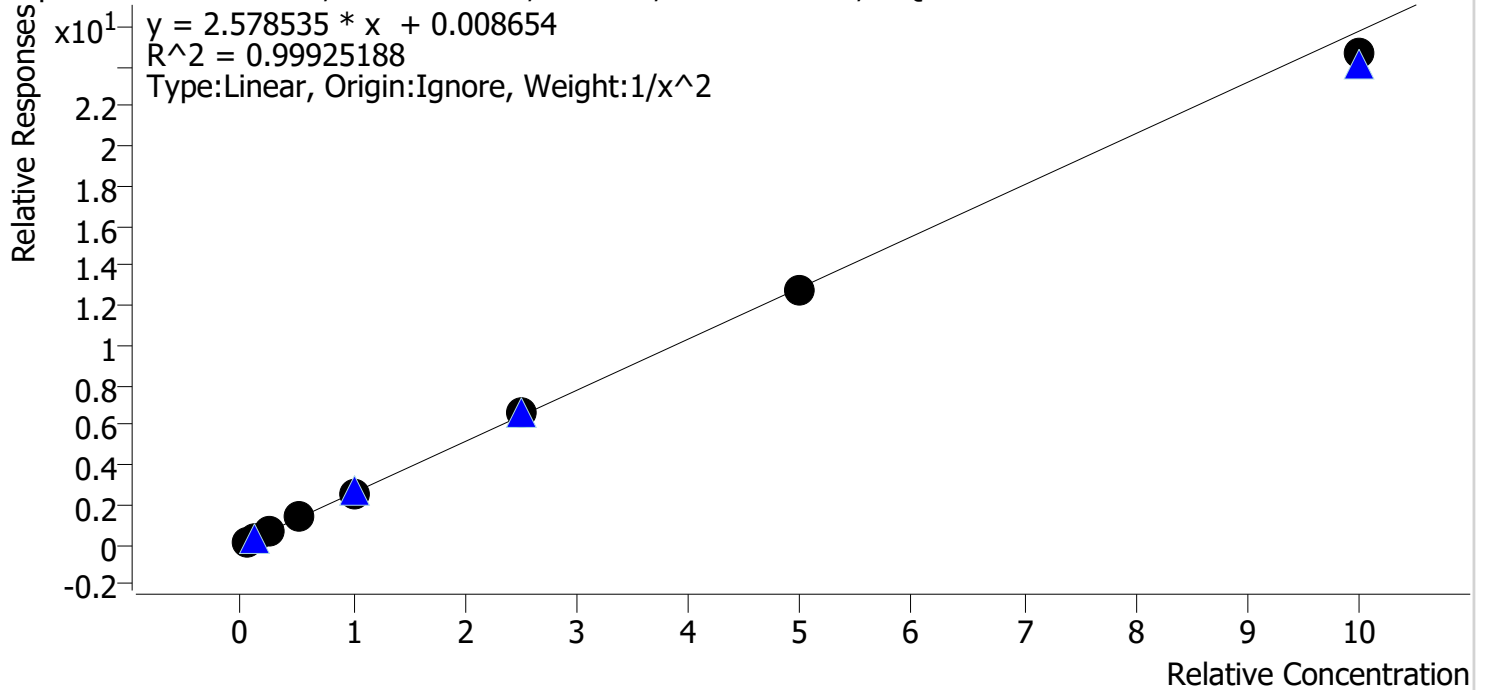


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.5	89.7
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	27.7	110.8
cal 4 mdq	4	✓	50.0	53.8	107.7
cal 5 mdq	5	✓	100.0	94.2	94.2
cal 6 mdq	6	✗	250.0	215.2	86.1
cal 7 mdq	7	✗	500.0	311.6	62.3
cal 8 mdq	8	✗	1000.0	437.8	43.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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

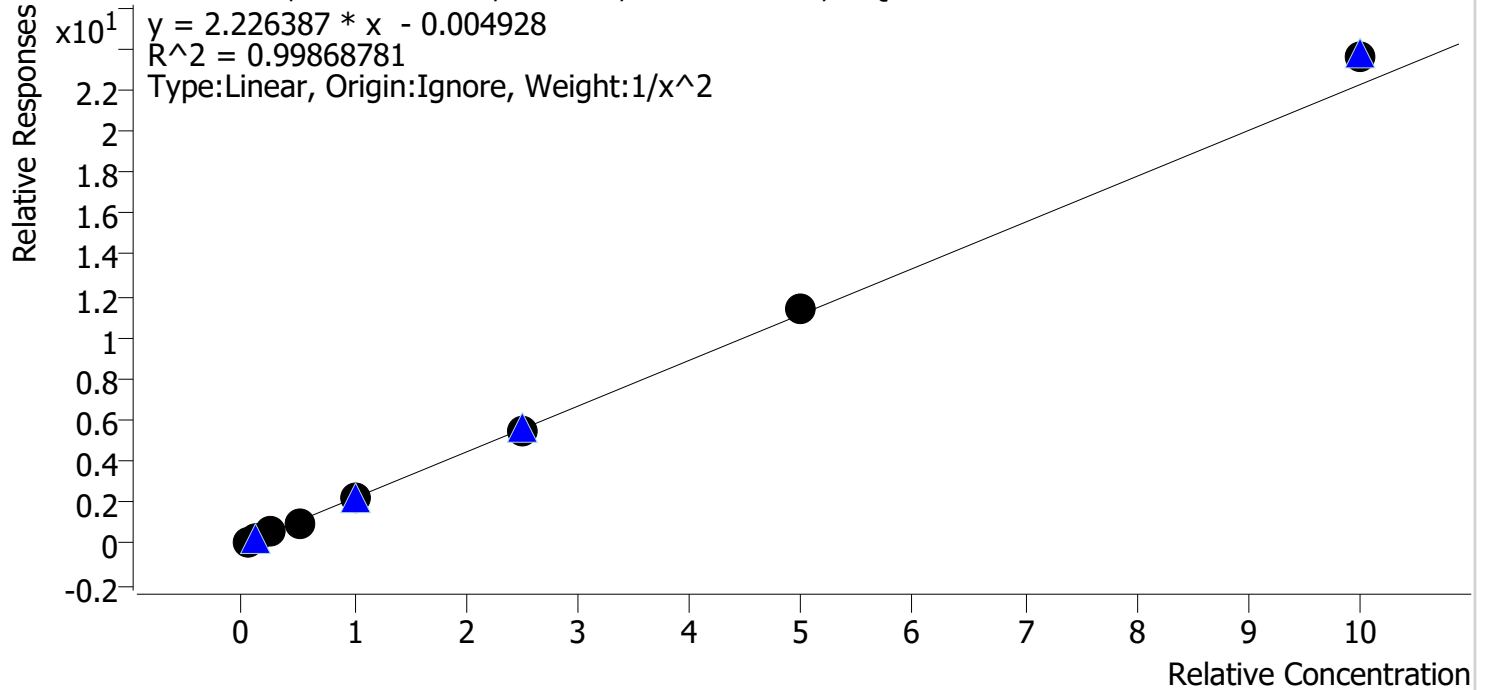


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	25.1	100.6
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	254.2	101.7
cal 7 mdq	7	✓	500.0	492.8	98.6
cal 8 mdq	8	✓	1000.0	956.1	95.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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

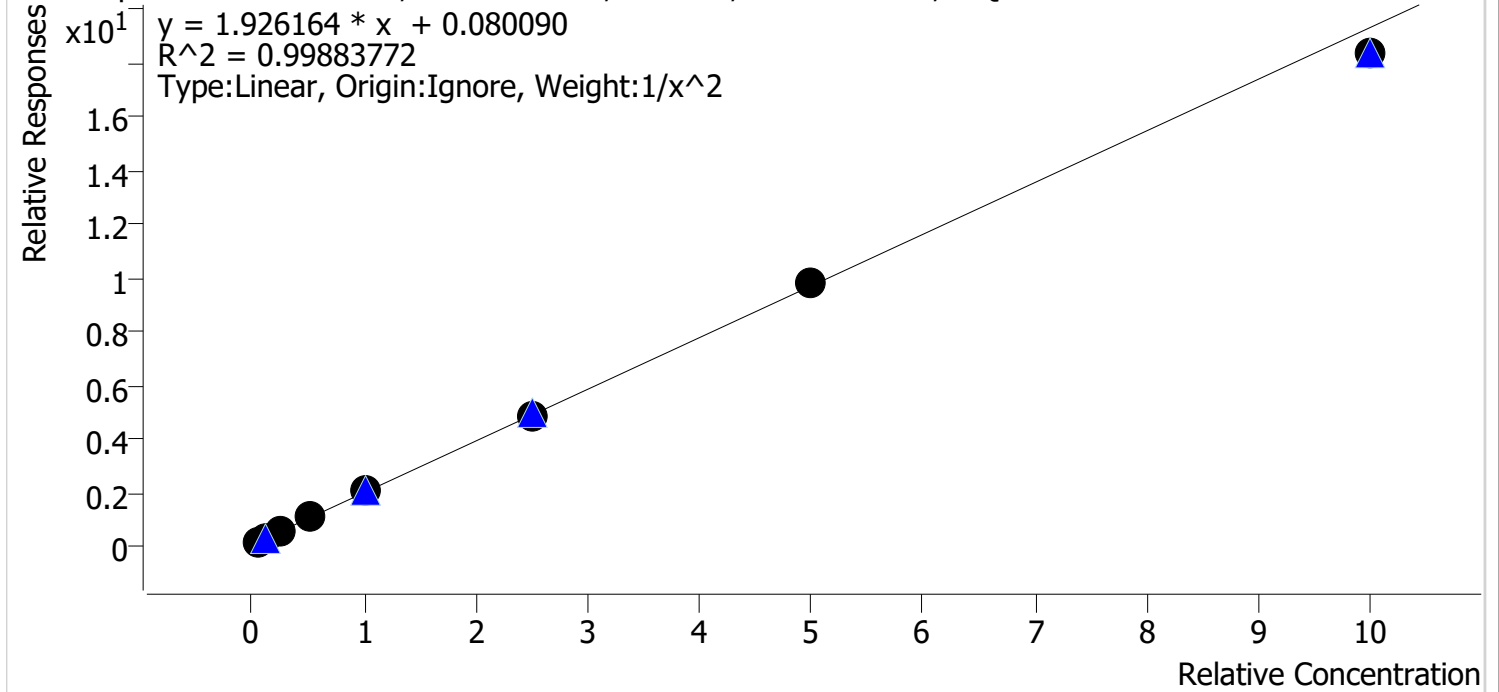


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	47.9	95.8
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	246.2	98.5
cal 7 mdq	7	✓	500.0	510.8	102.2
cal 8 mdq	8	✓	1000.0	1061.9	106.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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

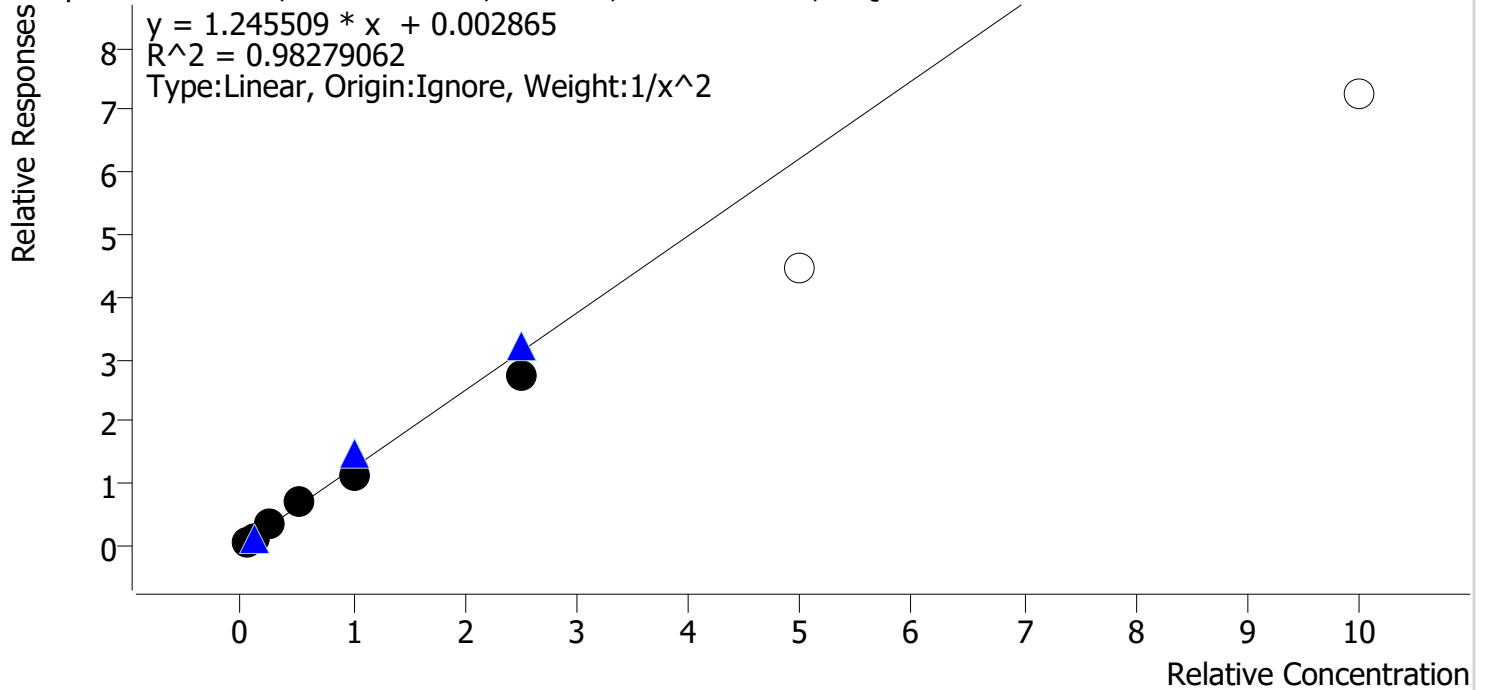


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	25.1	100.4
cal 4 mdq	4	✓	50.0	52.3	104.6
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	246.5	98.6
cal 7 mdq	7	✓	500.0	503.4	100.7
cal 8 mdq	8	✓	1000.0	947.9	94.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Dextromethorphan-D3

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

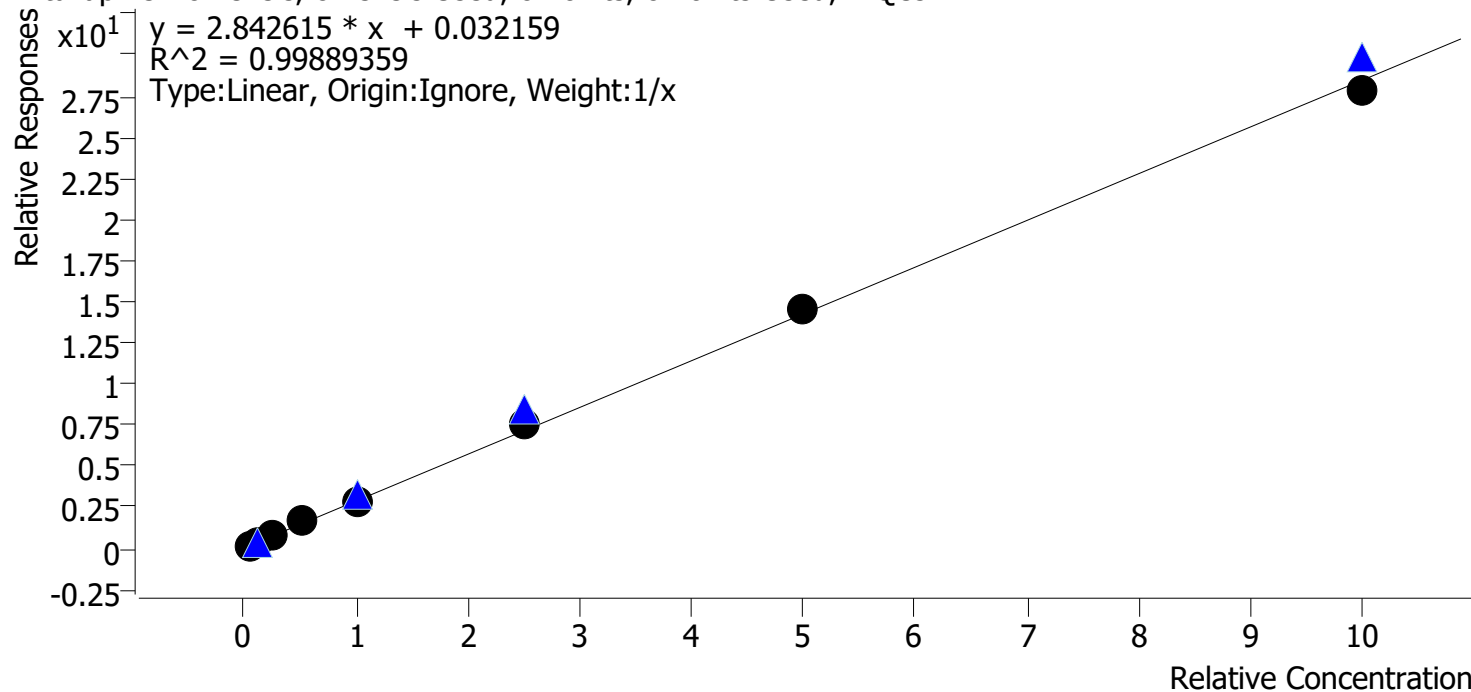


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.0	99.5
cal 3 mdq	3	✓	25.0	27.3	109.1
cal 4 mdq	4	✓	50.0	57.9	115.8
cal 5 mdq	5	✓	100.0	90.2	90.2
cal 6 mdq	6	✓	250.0	219.7	87.9
cal 7 mdq	7	✗	500.0	360.1	72.0
cal 8 mdq	8	✗	1000.0	581.6	58.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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

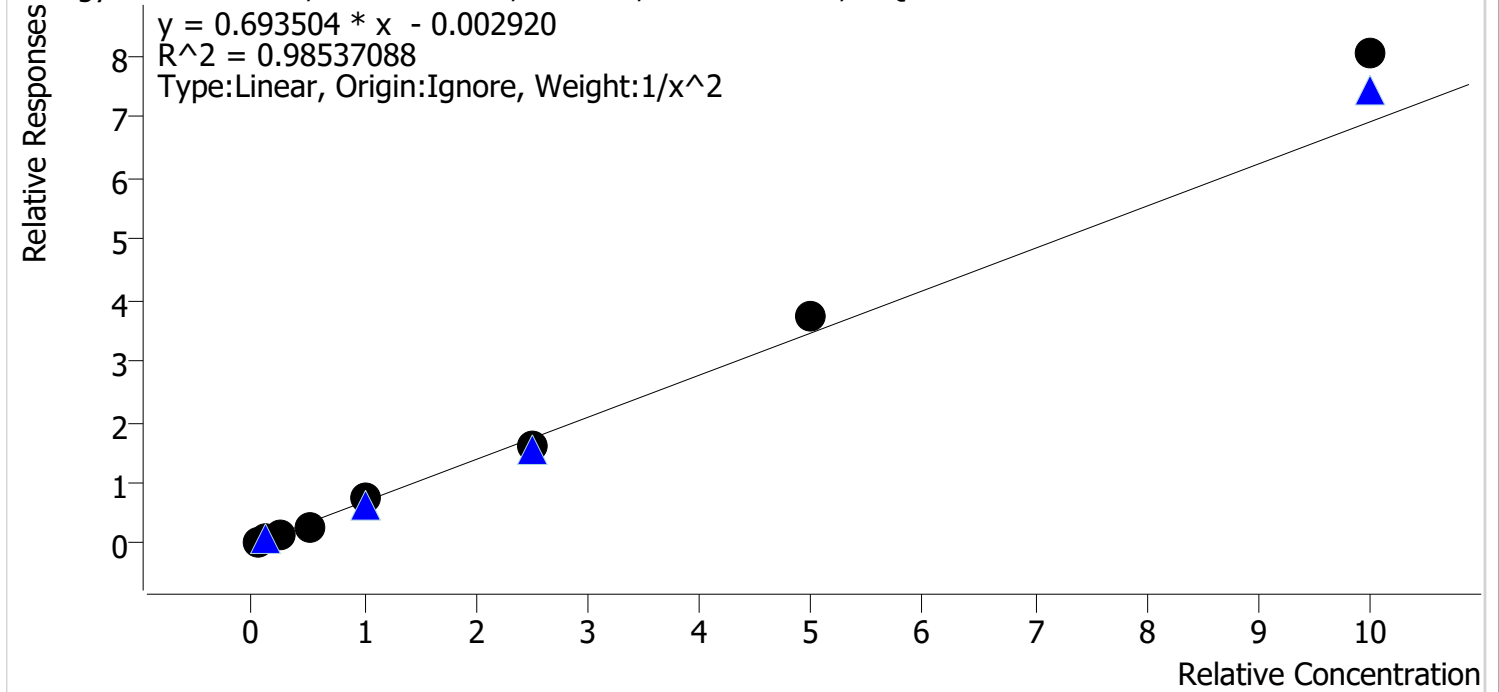


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.3	85.1
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	25.9	103.6
cal 4 mdq	4	✓	50.0	55.7	111.5
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	261.0	104.4
cal 7 mdq	7	✓	500.0	507.4	101.5
cal 8 mdq	8	✓	1000.0	976.5	97.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Dextromethorphan-D3

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

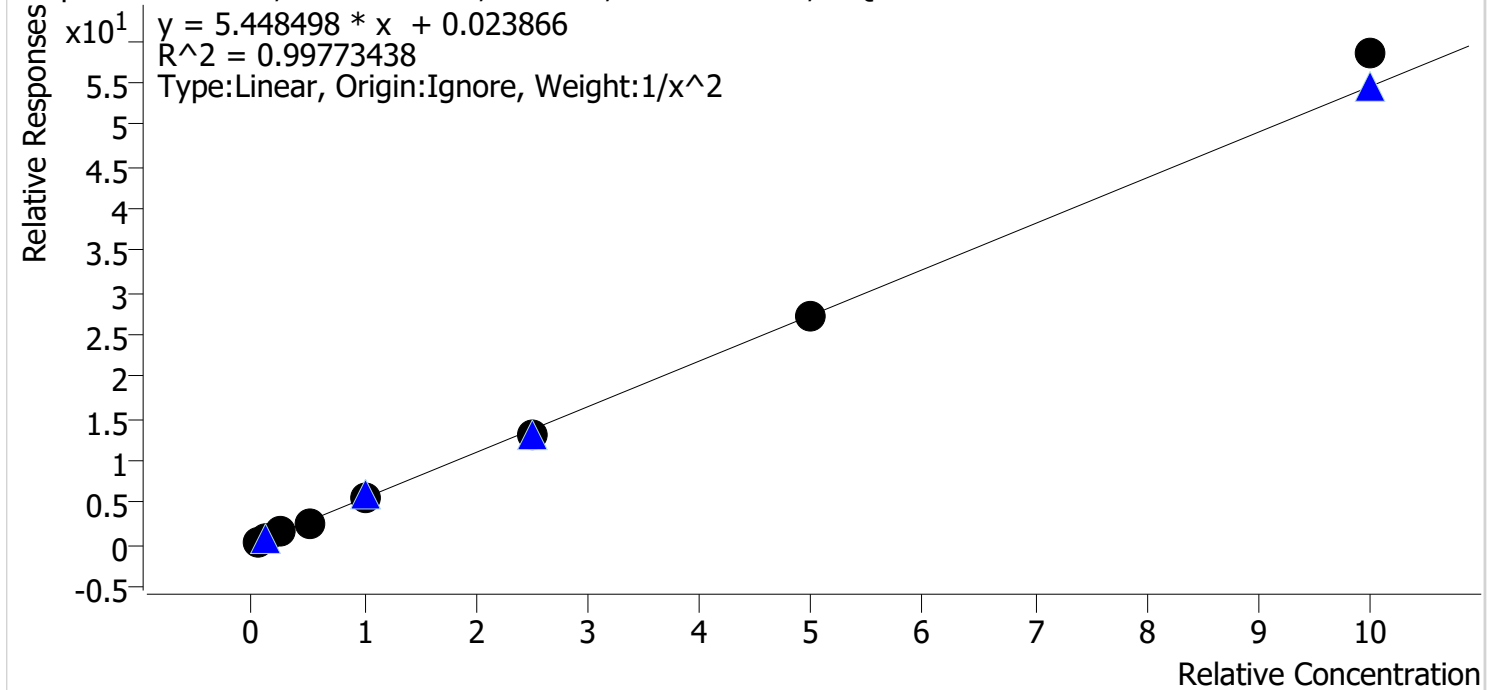


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.2
cal 2 mdq	2	✓	10.0	9.3	92.8
cal 3 mdq	3	✓	25.0	23.1	92.4
cal 4 mdq	4	✓	50.0	42.8	85.5
cal 5 mdq	5	✓	100.0	107.2	107.2
cal 6 mdq	6	✓	250.0	230.9	92.3
cal 7 mdq	7	✓	500.0	537.0	107.4
cal 8 mdq	8	✓	1000.0	1161.5	116.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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

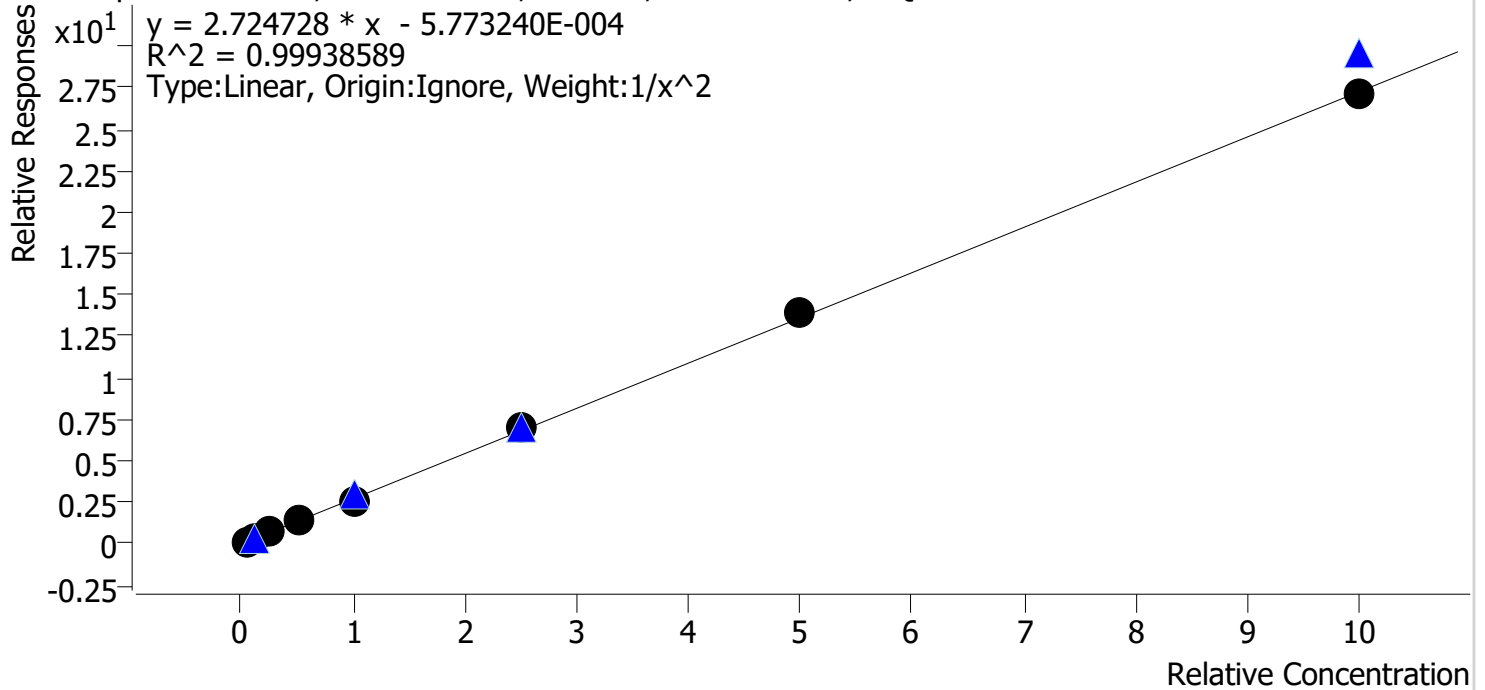


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.3	102.9
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	48.1	96.1
cal 5 mdq	5	✓	100.0	103.1	103.1
cal 6 mdq	6	✓	250.0	238.6	95.5
cal 7 mdq	7	✓	500.0	496.7	99.3
cal 8 mdq	8	✓	1000.0	1071.8	107.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



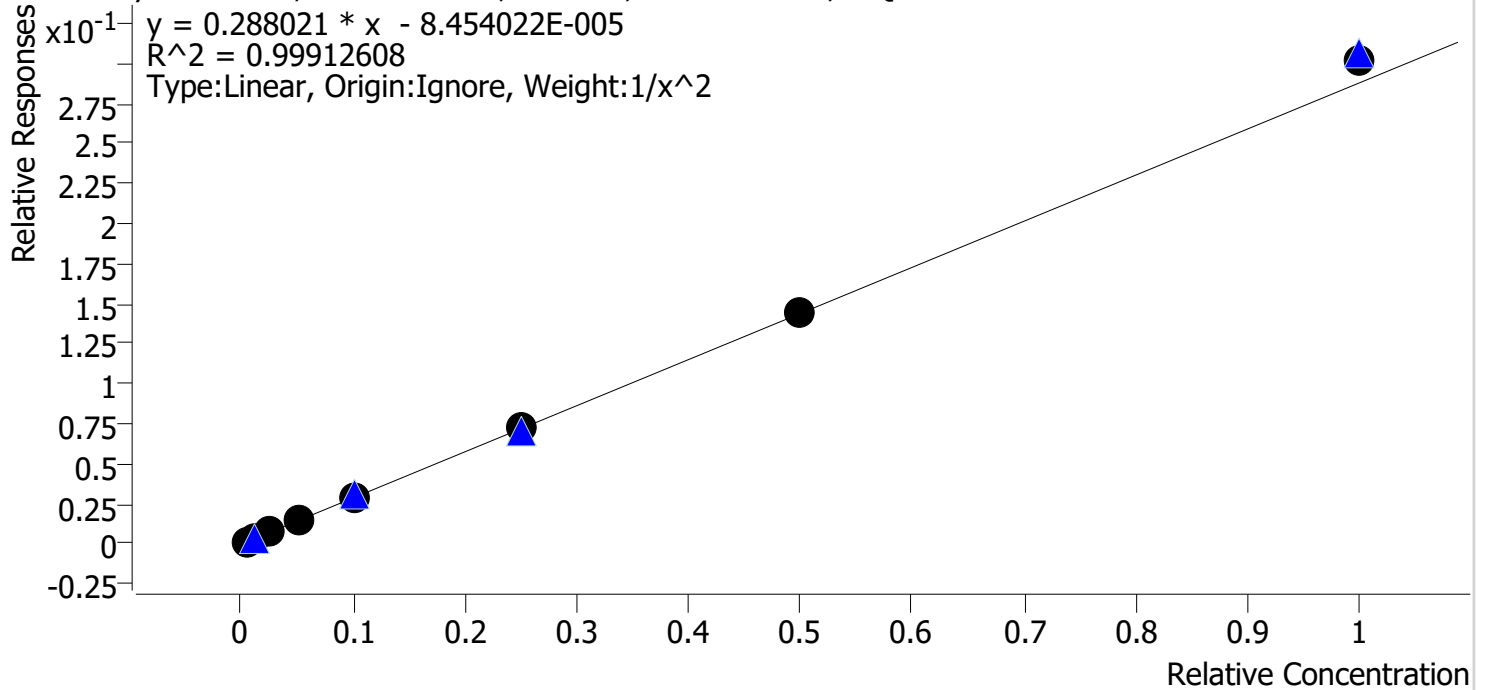
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.2	101.8
cal 3 mdq	3	✓	25.0	24.3	97.0
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	253.7	101.5
cal 7 mdq	7	✓	500.0	509.4	101.9
cal 8 mdq	8	✓	1000.0	994.4	99.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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

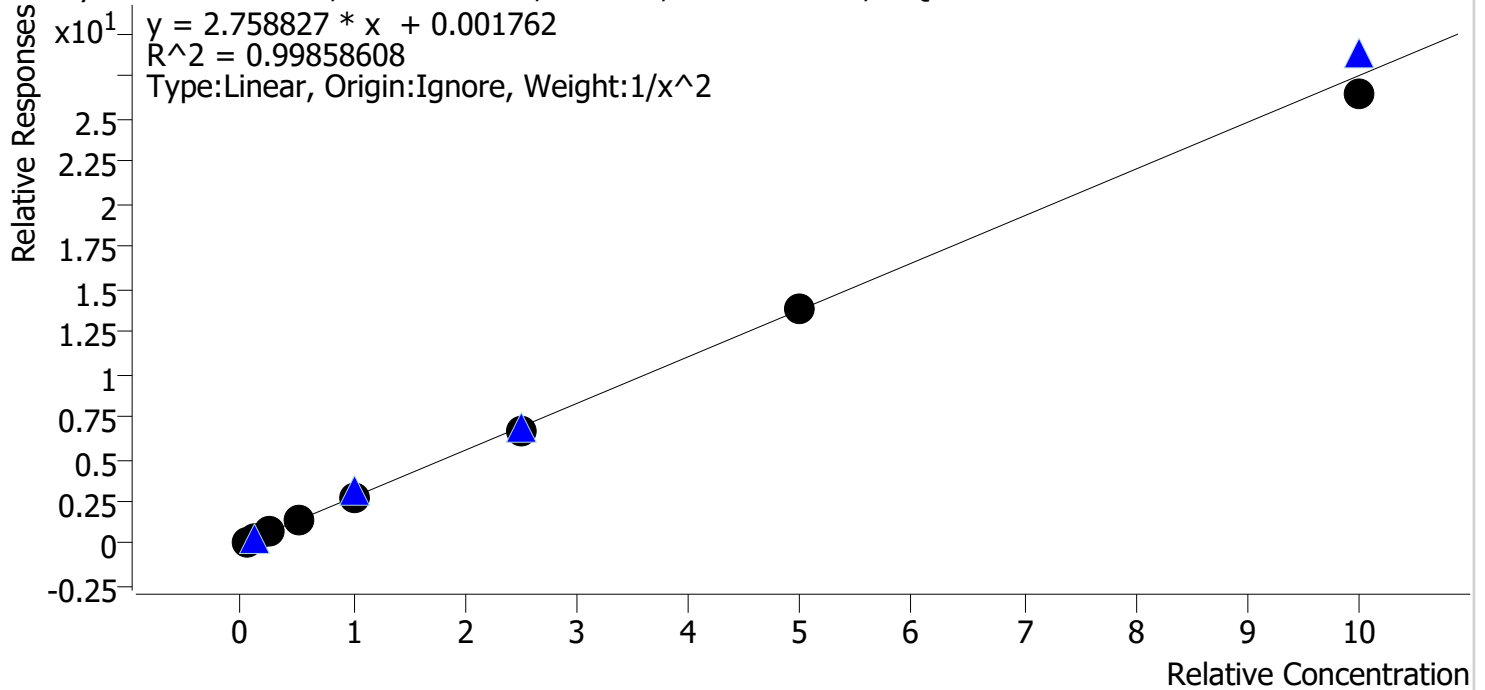


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	99.9
cal 2 mdq	2	✓	1.0	1.0	102.0
cal 3 mdq	3	✓	2.5	2.4	97.8
cal 4 mdq	4	✓	5.0	4.8	96.2
cal 5 mdq	5	✓	10.0	9.9	99.0
cal 6 mdq	6	✓	25.0	25.3	101.0
cal 7 mdq	7	✓	50.0	49.8	99.7
cal 8 mdq	8	✓	100.0	104.6	104.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

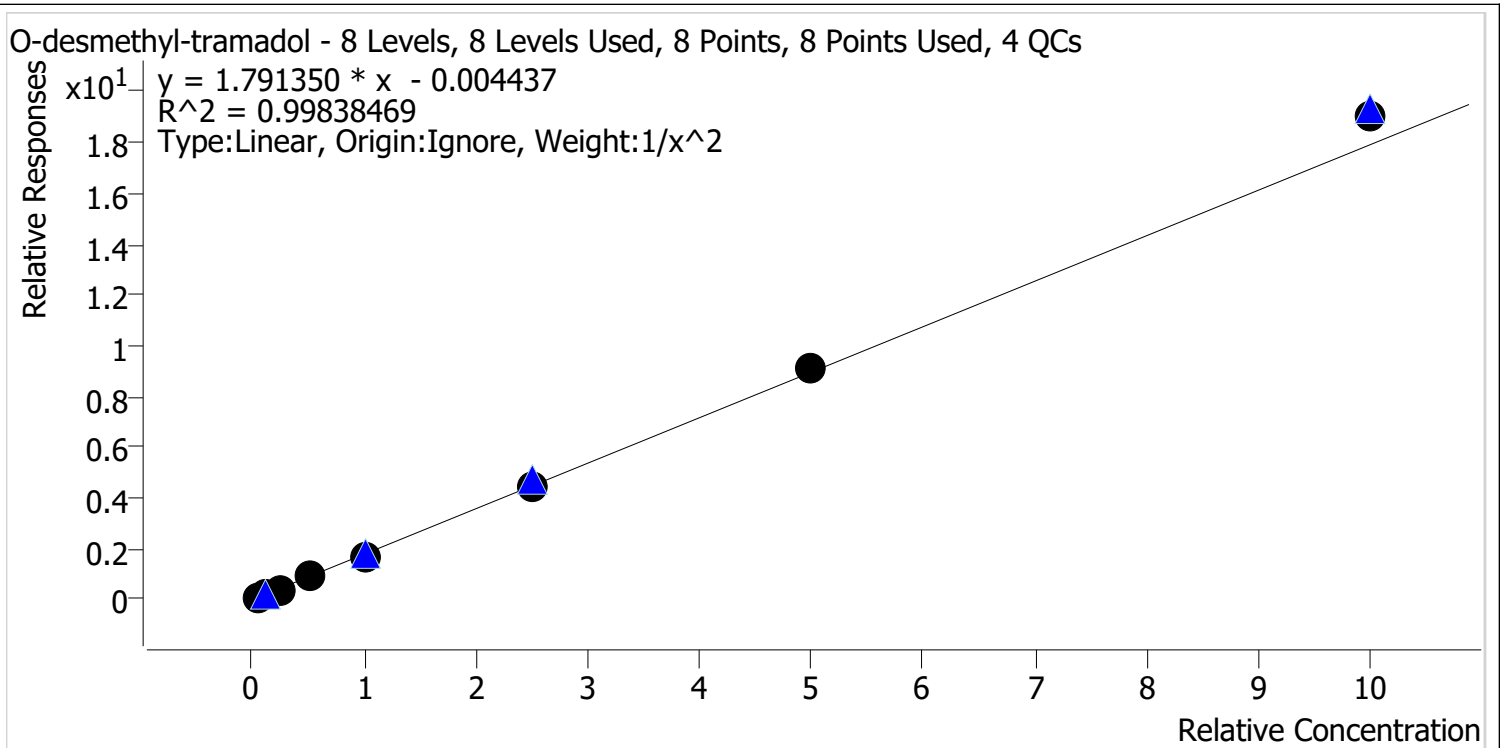


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.1	101.1
cal 3 mdq	3	✓	25.0	25.5	102.1
cal 4 mdq	4	✓	50.0	52.7	105.3
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	238.6	95.4
cal 7 mdq	7	✓	500.0	503.8	100.8
cal 8 mdq	8	✓	1000.0	959.4	95.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

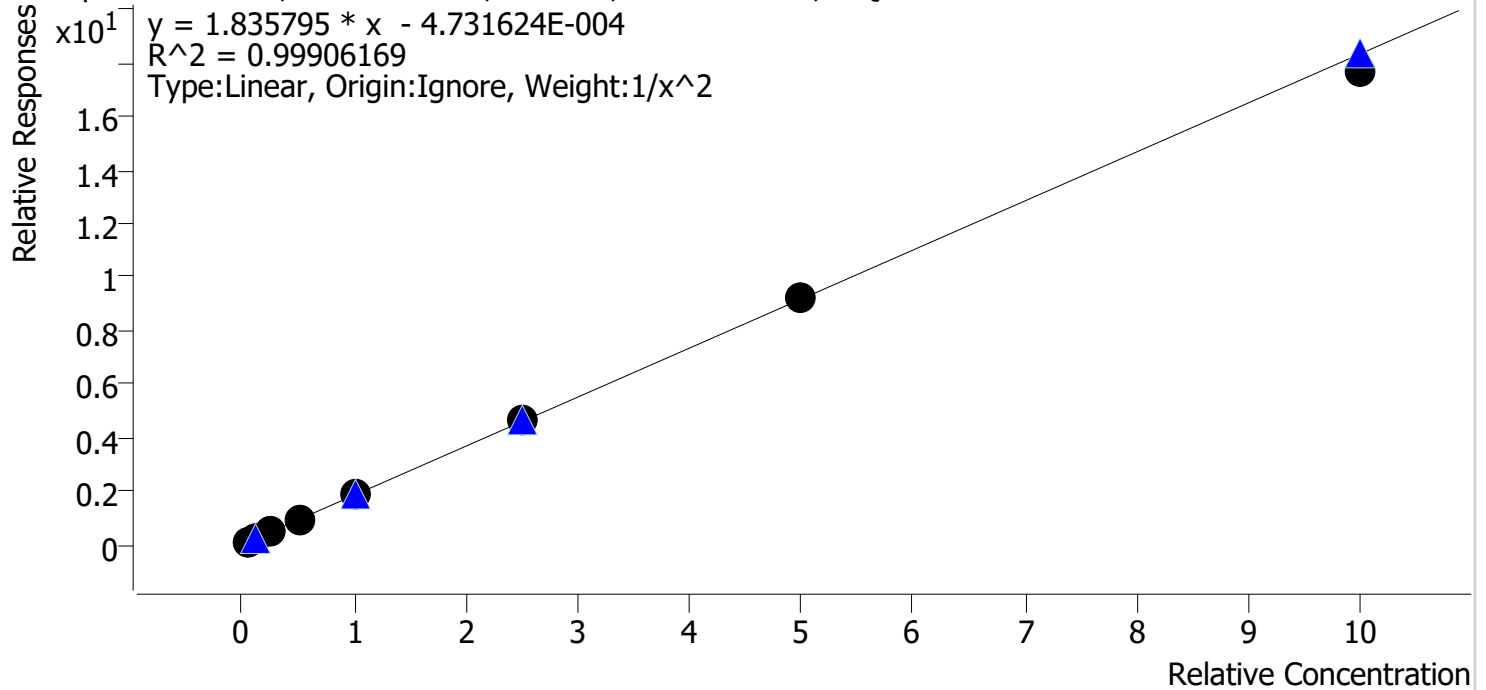


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	49.0	97.9
cal 5 mdq	5	✓	100.0	96.8	96.8
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	512.7	102.5
cal 8 mdq	8	✓	1000.0	1066.3	106.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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

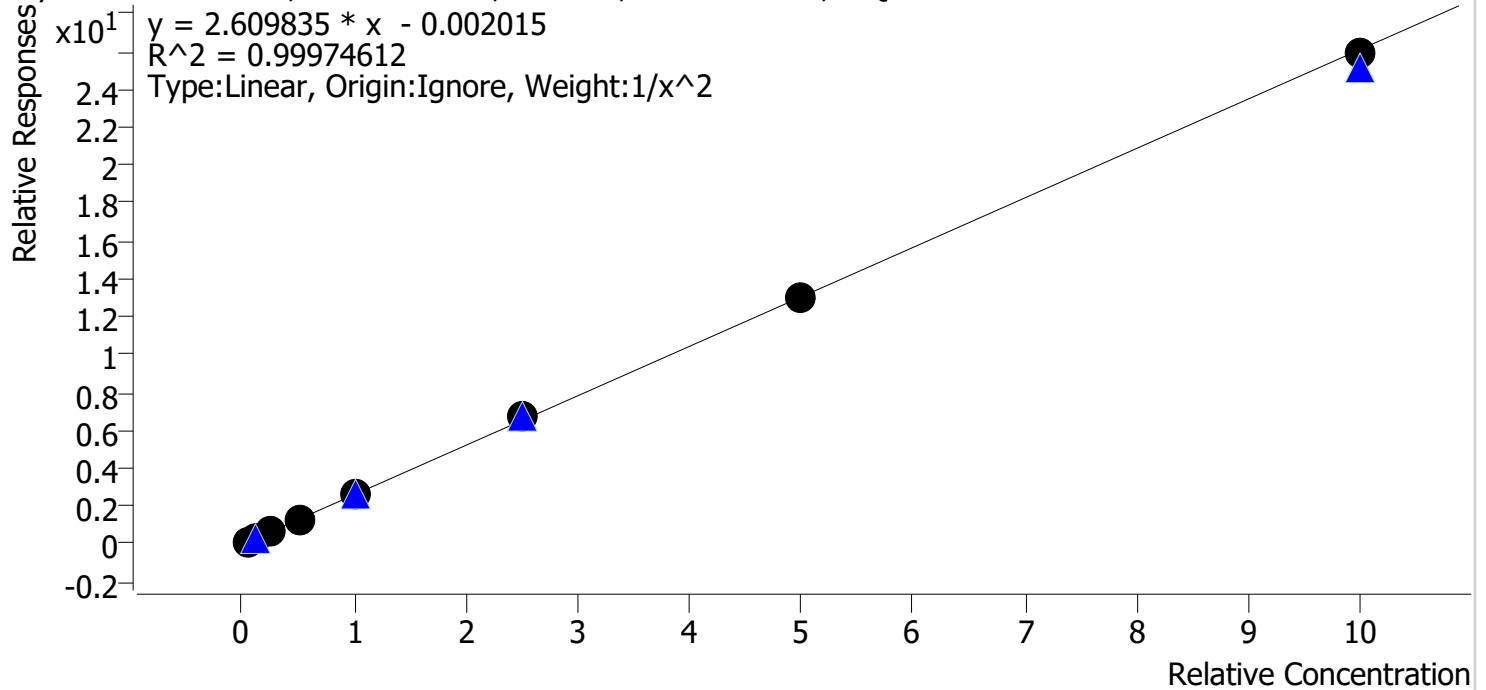


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.5	95.4
cal 3 mdq	3	✓	25.0	25.6	102.3
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	252.0	100.8
cal 7 mdq	7	✓	500.0	502.5	100.5
cal 8 mdq	8	✓	1000.0	967.5	96.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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

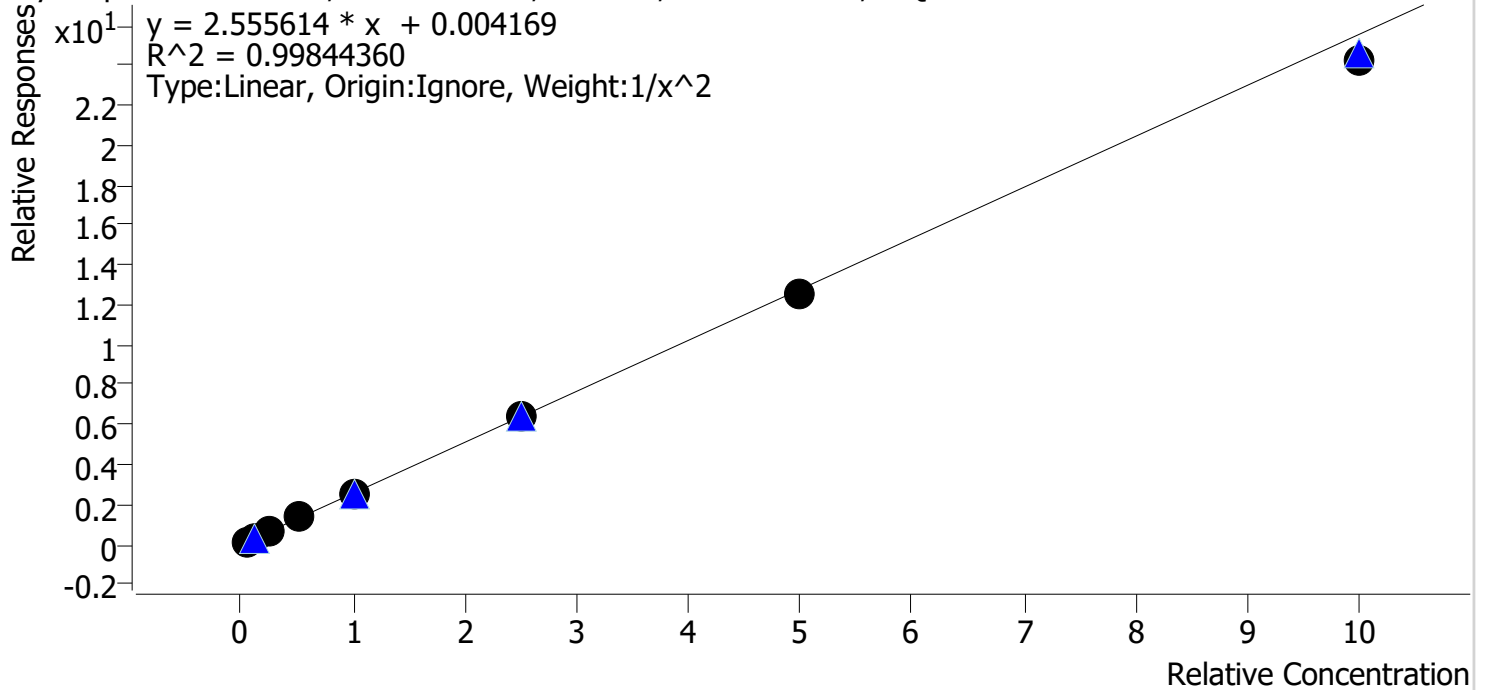


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	49.9	99.8
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	257.4	103.0
cal 7 mdq	7	✓	500.0	501.0	100.2
cal 8 mdq	8	✓	1000.0	991.7	99.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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

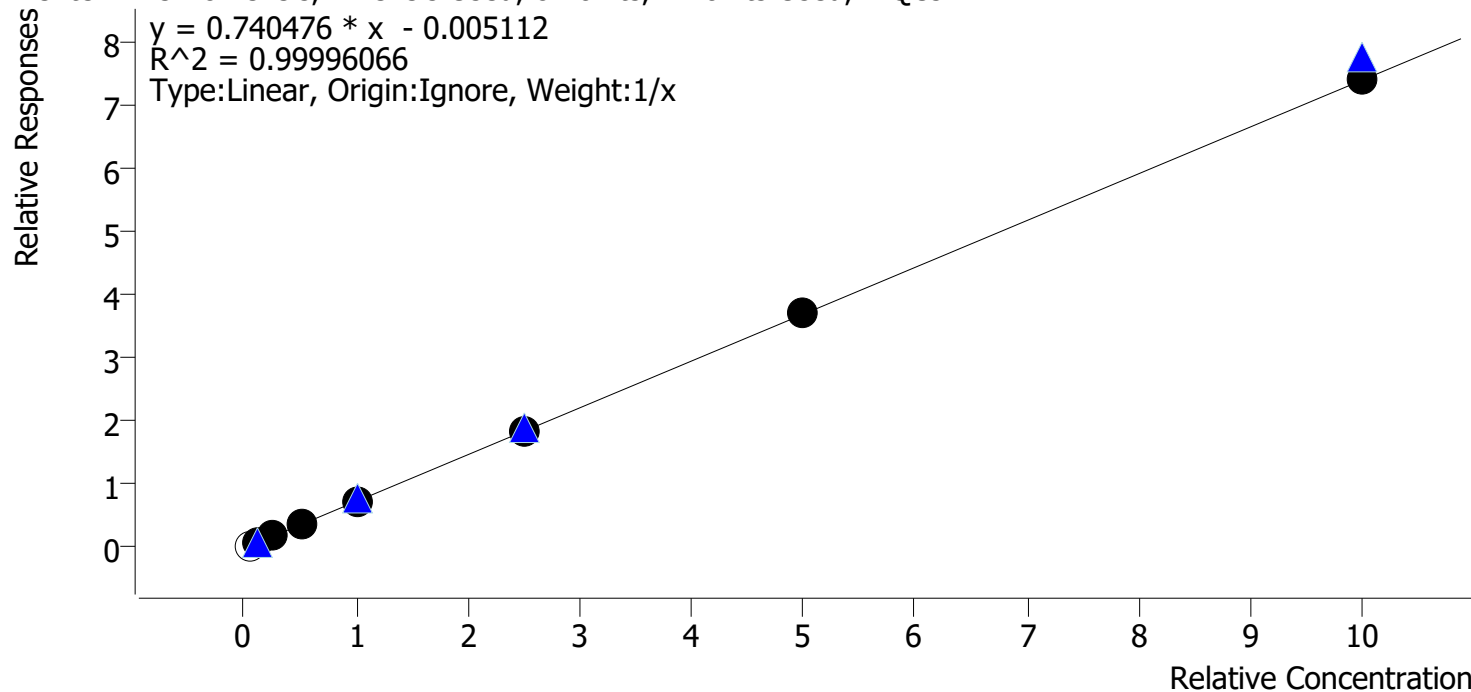


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	493.4	98.7
cal 8 mdq	8	✓	1000.0	946.8	94.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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

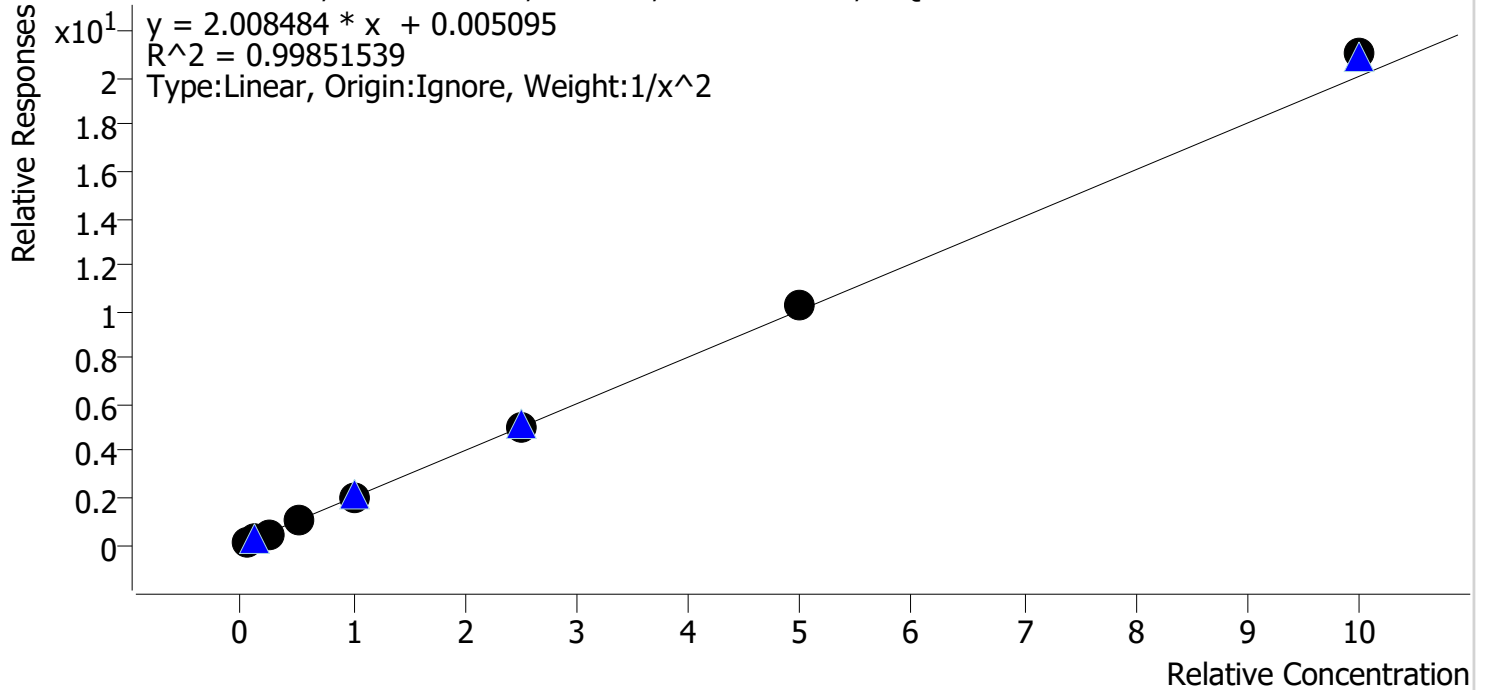


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	5.5	110.4
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	25.3	101.1
cal 4 mdq	4	✓	50.0	48.8	97.7
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	503.2	100.6
cal 8 mdq	8	✓	1000.0	999.4	99.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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

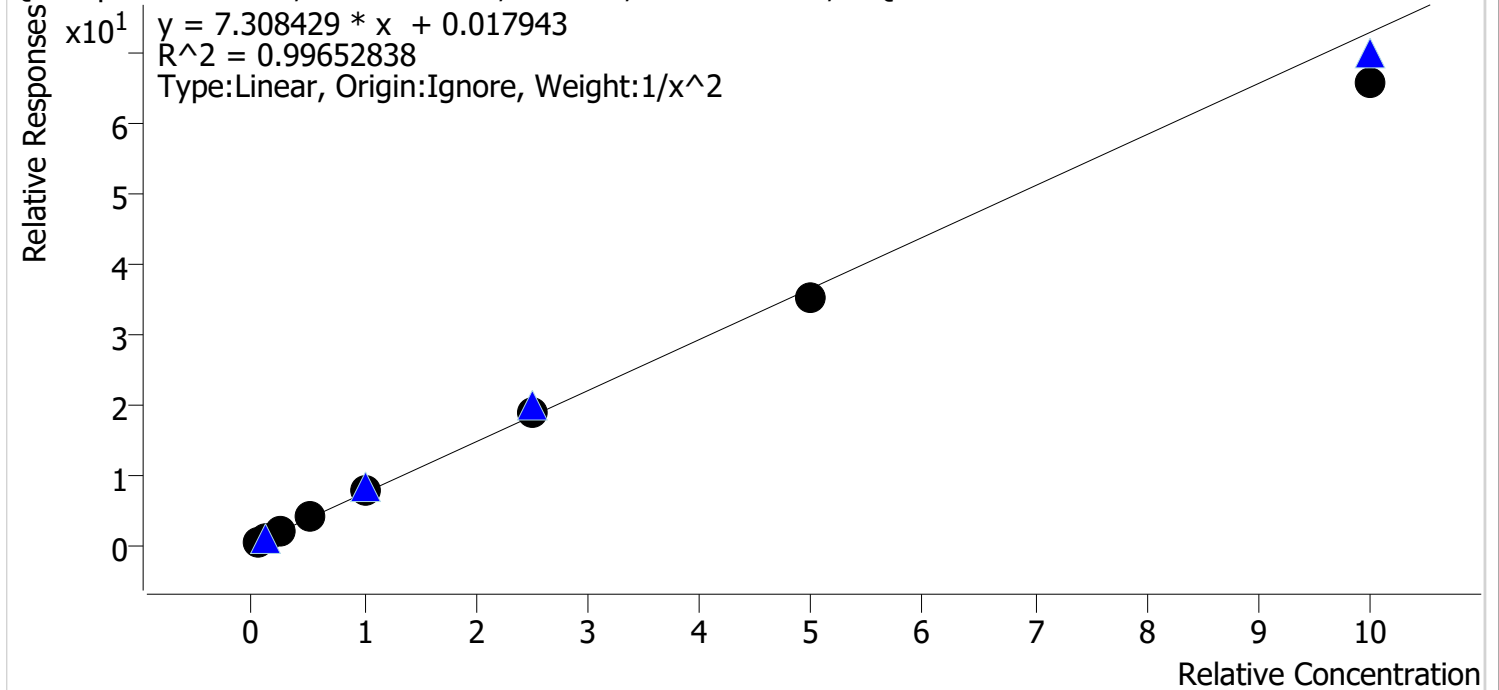


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	10.1	100.8
cal 3 mdq	3	✓	25.0	23.3	93.4
cal 4 mdq	4	✓	50.0	49.4	98.8
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	247.3	98.9
cal 7 mdq	7	✓	500.0	512.6	102.5
cal 8 mdq	8	✓	1000.0	1048.5	104.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

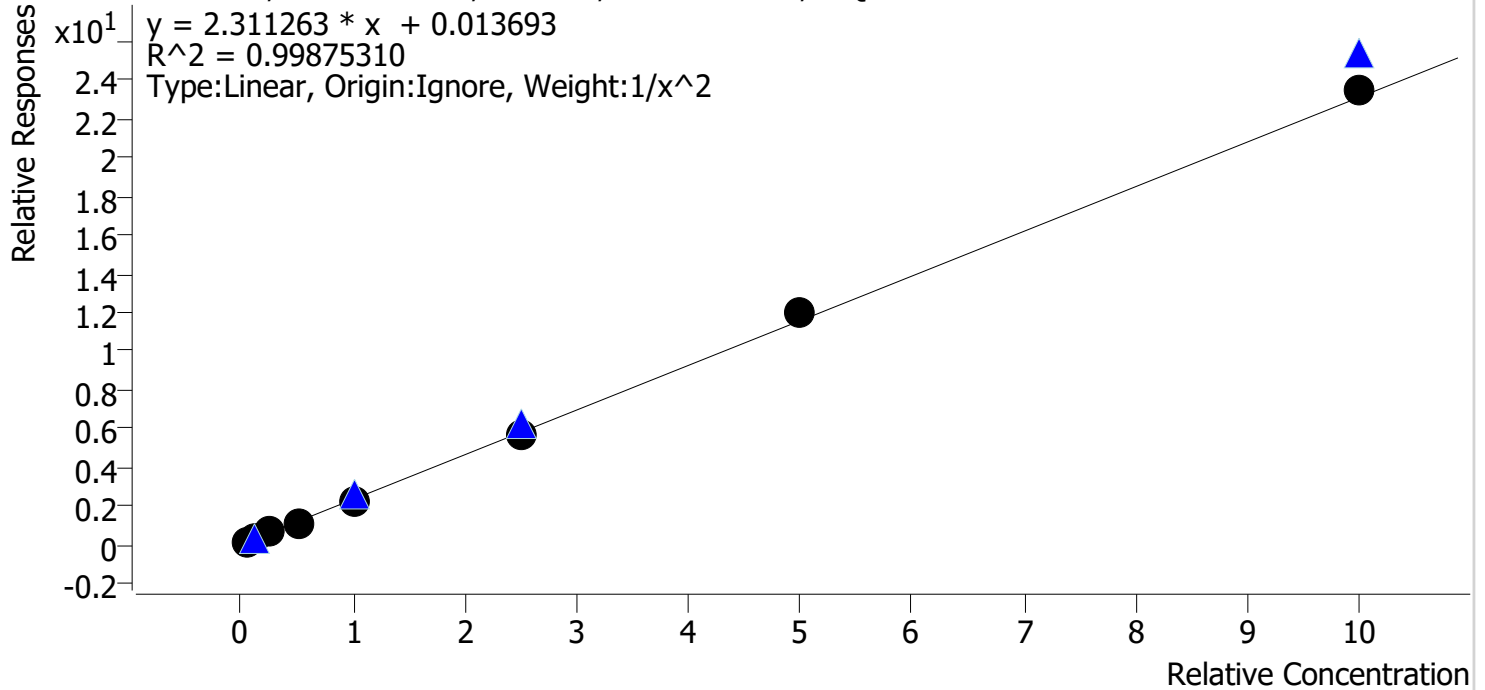


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	26.1	104.4
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	106.6	106.6
cal 6 mdq	6	✓	250.0	254.1	101.6
cal 7 mdq	7	✓	500.0	484.0	96.8
cal 8 mdq	8	✓	1000.0	899.2	89.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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

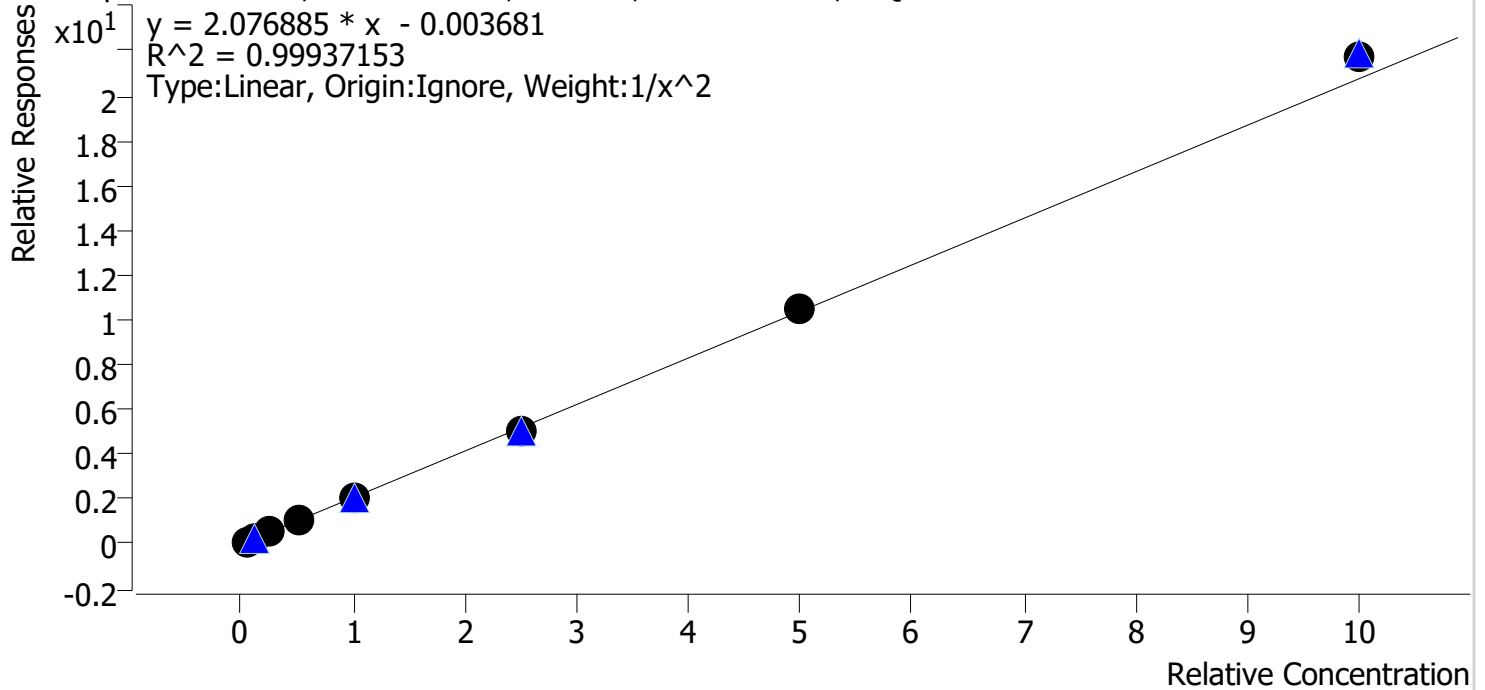


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdq	2	✓	10.0	9.5	94.9
cal 3 mdq	3	✓	25.0	25.4	101.5
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	247.7	99.1
cal 7 mdq	7	✓	500.0	521.2	104.2
cal 8 mdq	8	✓	1000.0	1017.2	101.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

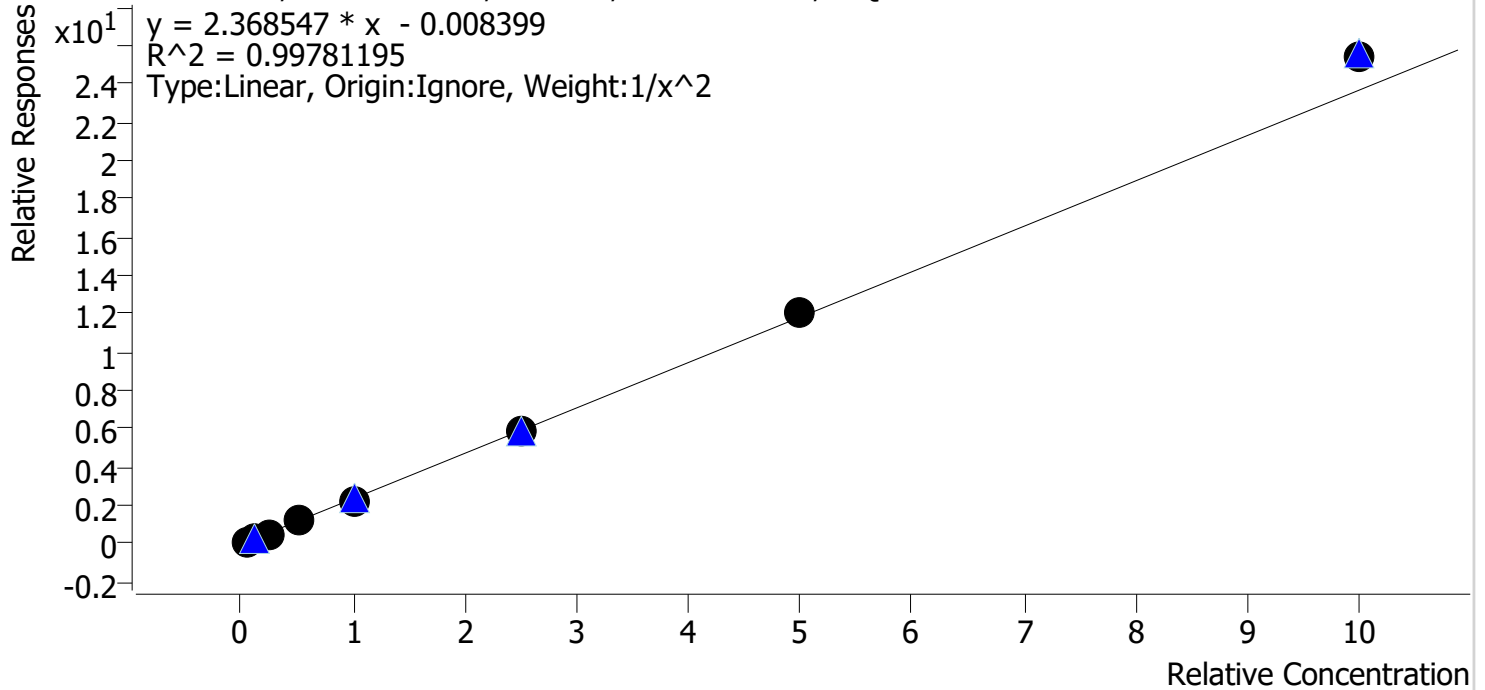


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.4	97.4
cal 4 mdq	4	✓	50.0	49.9	99.9
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	244.9	98.0
cal 7 mdq	7	✓	500.0	504.8	101.0
cal 8 mdq	8	✓	1000.0	1043.8	104.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

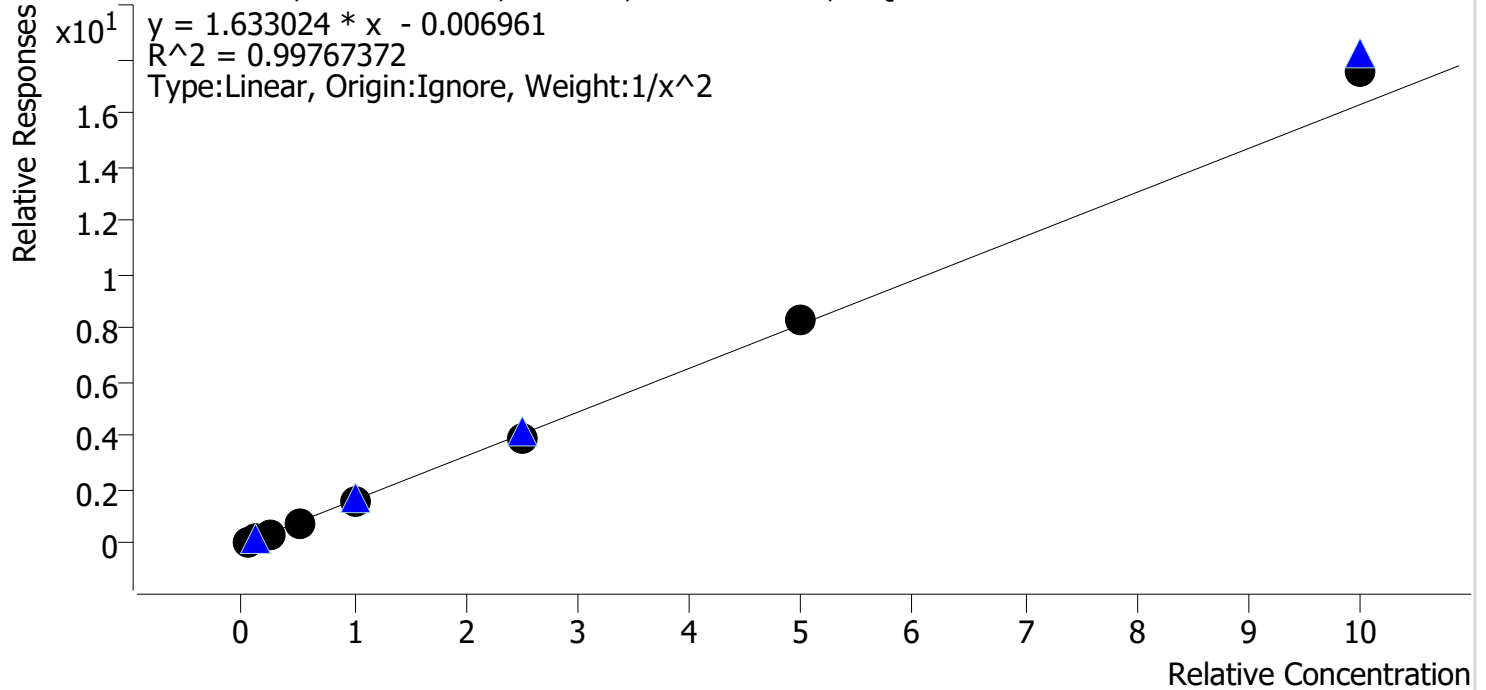


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	23.7	94.9
cal 4 mdq	4	✓	50.0	49.0	98.0
cal 5 mdq	5	✓	100.0	96.4	96.4
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	512.1	102.4
cal 8 mdq	8	✓	1000.0	1072.0	107.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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

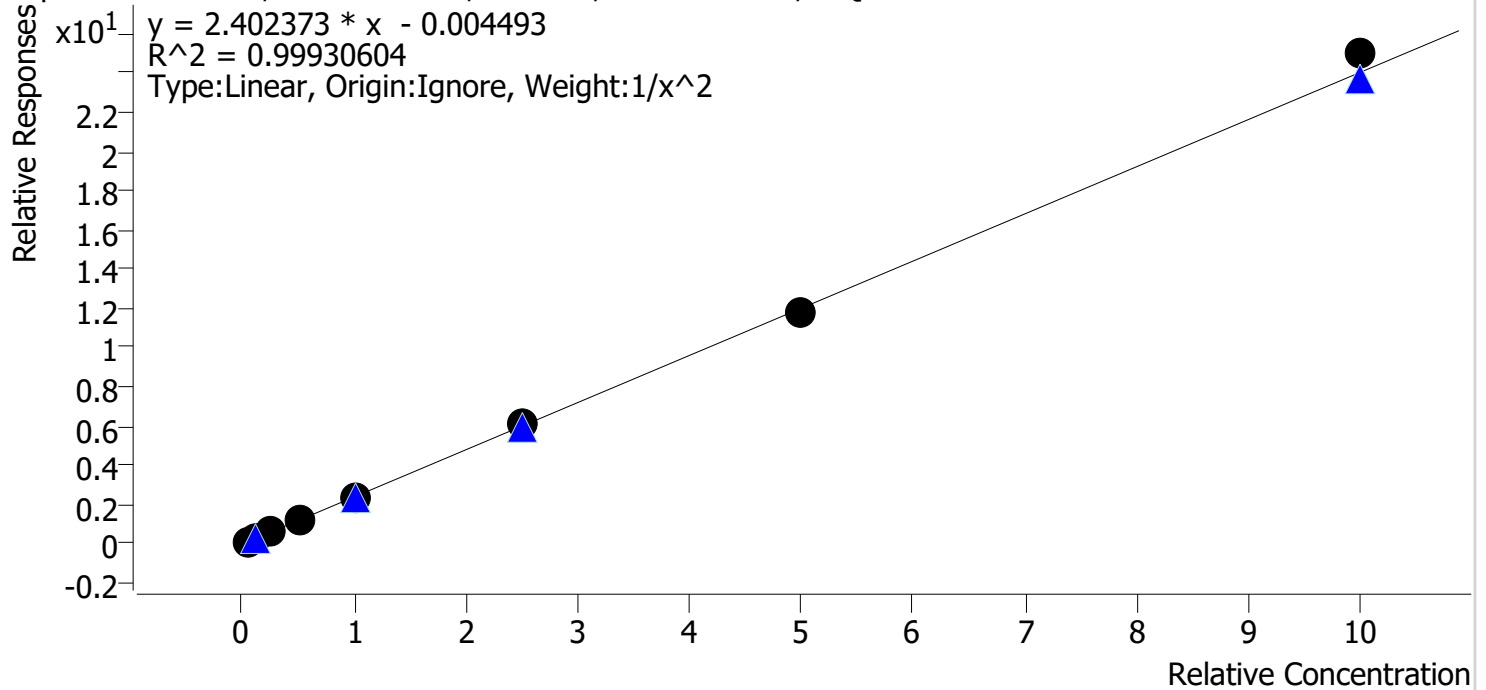


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.3
cal 2 mdq	2	✓	10.0	9.5	95.2
cal 3 mdq	3	✓	25.0	23.9	95.6
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	243.7	97.5
cal 7 mdq	7	✓	500.0	510.3	102.1
cal 8 mdq	8	✓	1000.0	1076.2	107.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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

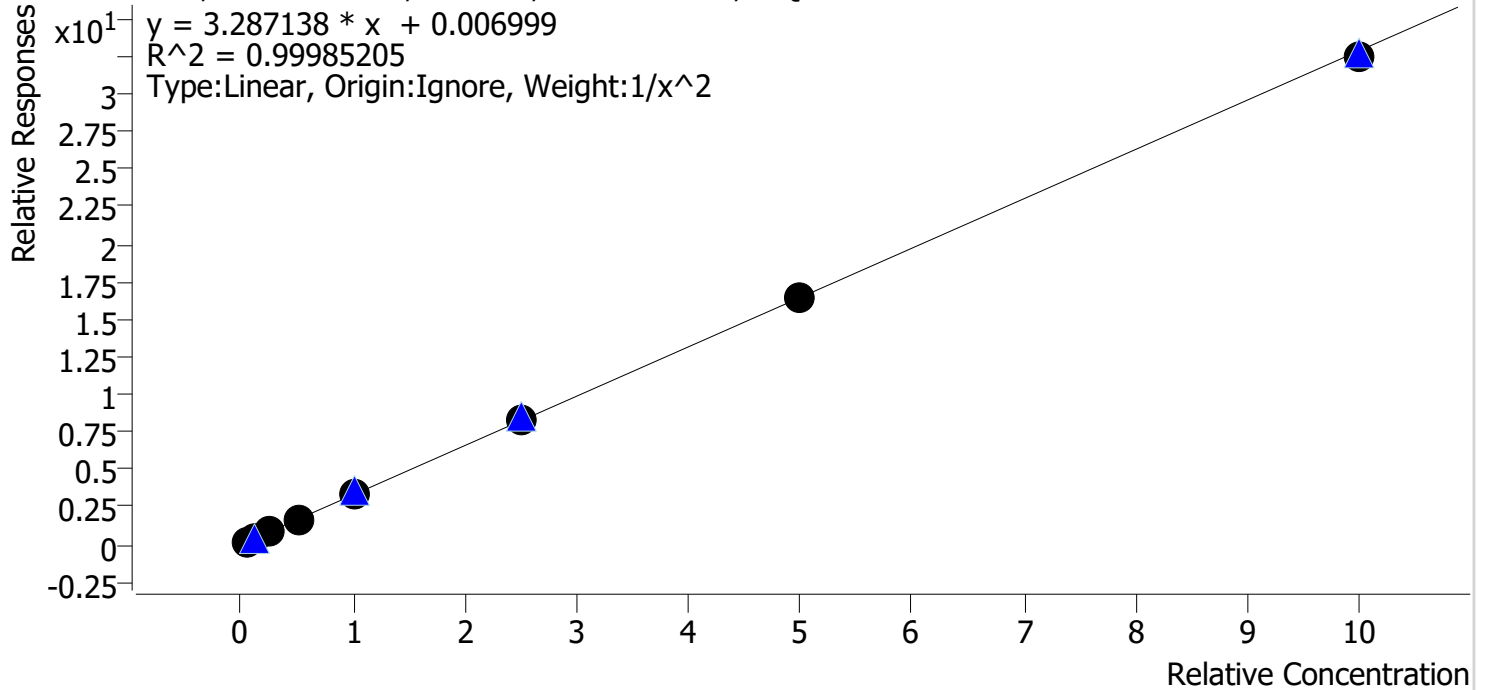


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	50.0	99.9
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	255.8	102.3
cal 7 mdq	7	✓	500.0	488.5	97.7
cal 8 mdq	8	✓	1000.0	1039.8	104.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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

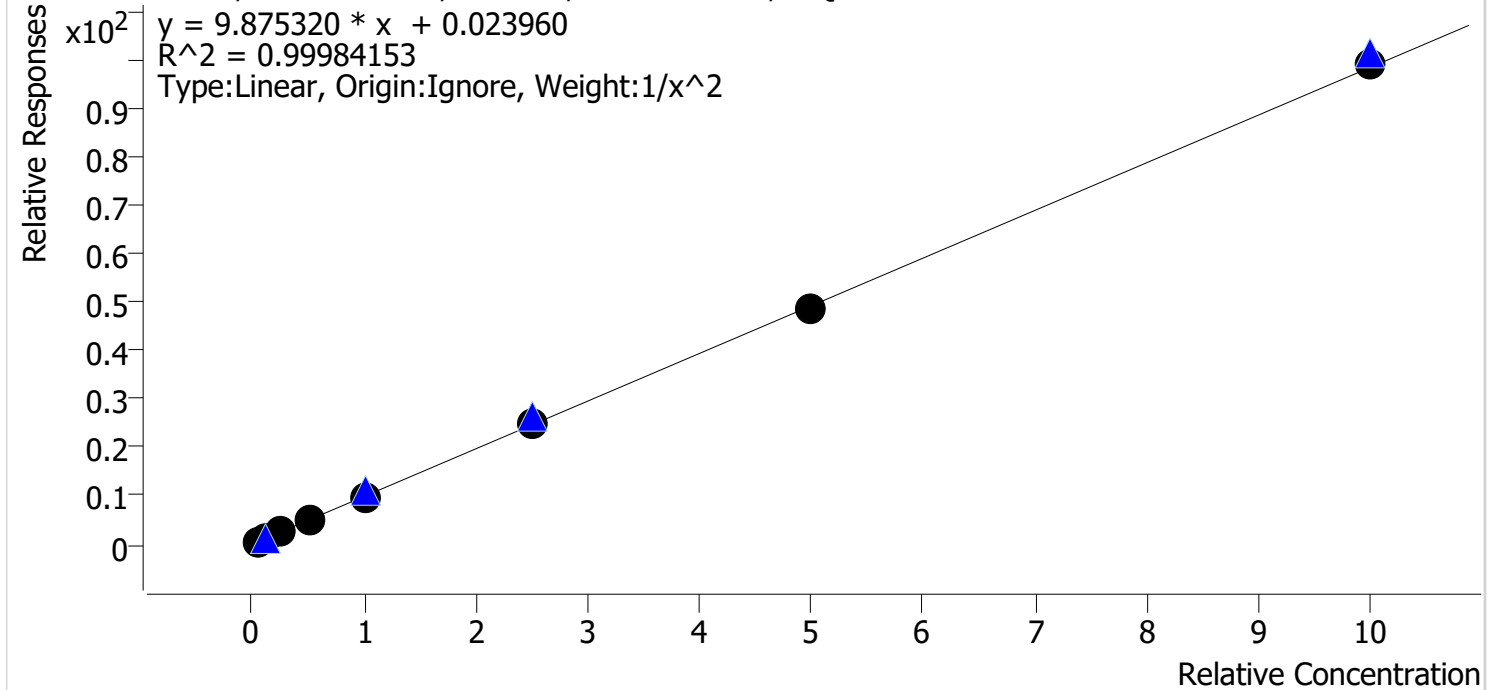


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.8
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	24.6	98.5
cal 4 mdq	4	✓	50.0	50.3	100.7
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	252.0	100.8
cal 7 mdq	7	✓	500.0	497.2	99.4
cal 8 mdq	8	✓	1000.0	987.2	98.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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

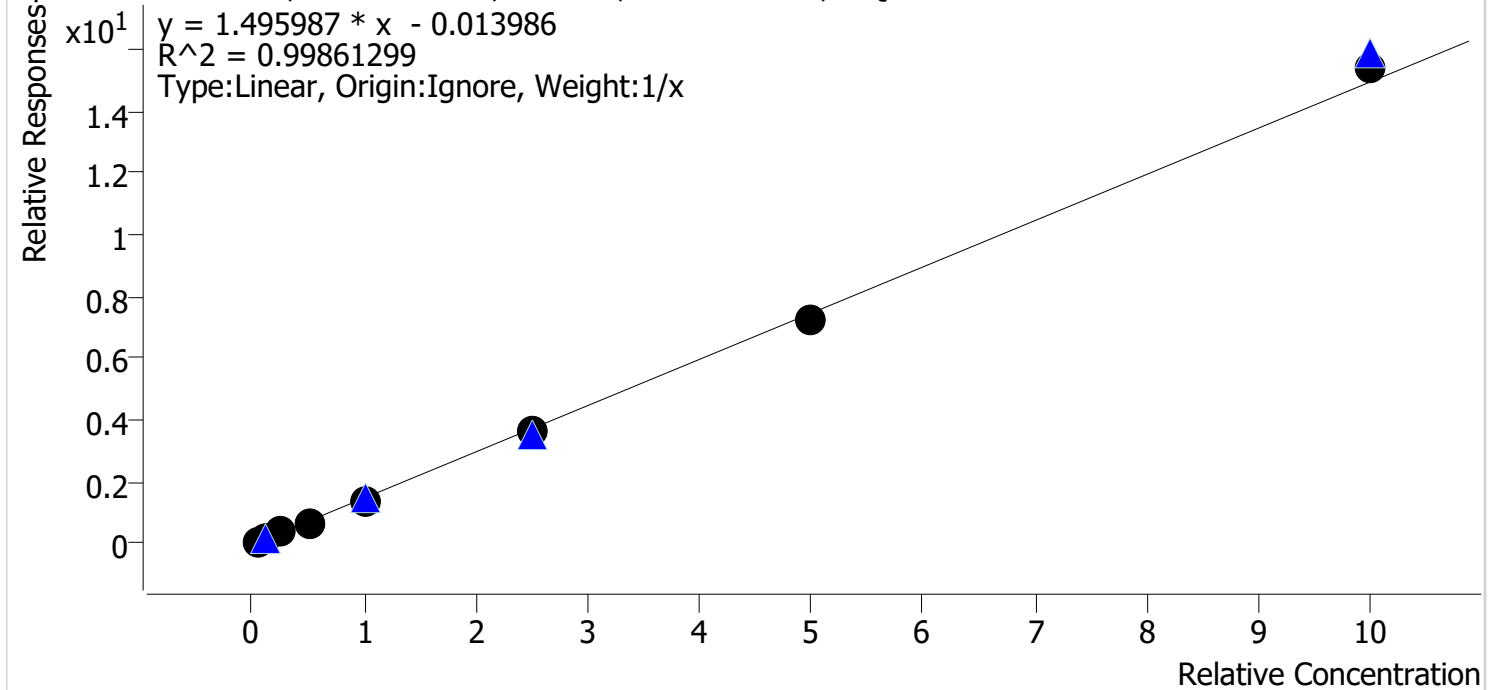


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	25.3	101.0
cal 4 mdq	4	✓	50.0	50.2	100.4
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	251.6	100.6
cal 7 mdq	7	✓	500.0	491.7	98.3
cal 8 mdq	8	✓	1000.0	1008.1	100.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Last Cal. Update 9/14/2020 8:55 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



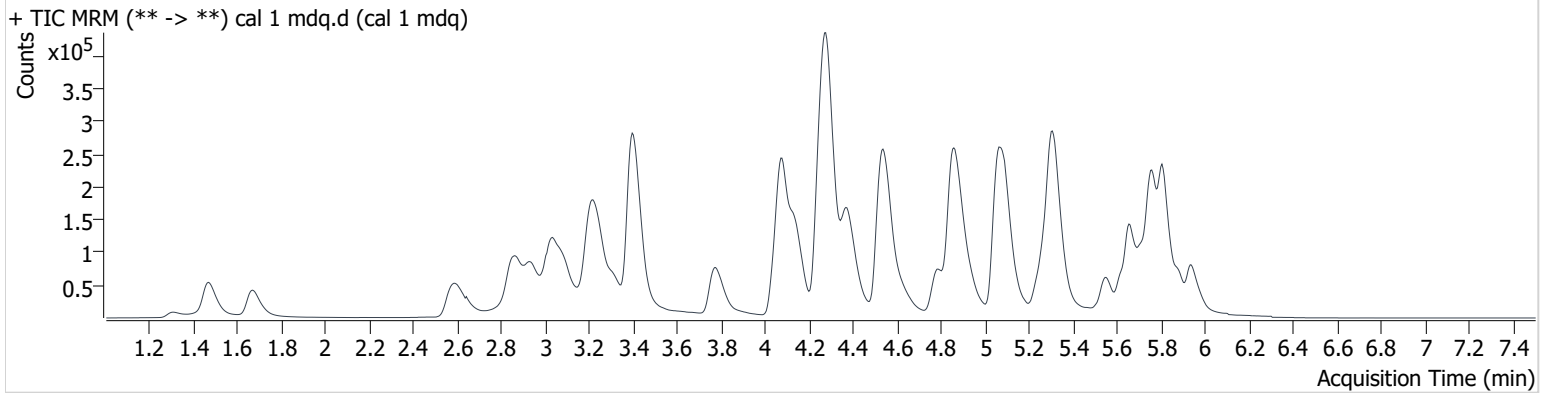
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.6	112.1
cal 2 mdq	2	✓	10.0	10.4	104.2
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	47.4	94.9
cal 5 mdq	5	✓	100.0	93.9	93.9
cal 6 mdq	6	✓	250.0	242.0	96.8
cal 7 mdq	7	✓	500.0	483.5	96.7
cal 8 mdq	8	✓	1000.0	1032.6	103.3

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	cal 1 mdq.d
Type	Cal	Sample	cal 1 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 8:49:25 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.161	1036	362.4	73.9	1097.4	48424	0.494 ng/ml
7-aminoclonazepam	4.287	21966	2063.7	94.4	5162.4	88684	4.843 ng/ml
a-hydroxyalprazolam	5.702	4611	192.9	55.1	3331.7	46539	5.053 ng/ml
alpha-PHP	4.944	34332	7059.5	37.8	656.5	491208	5.607 ng/ml
alpha-PVP	4.382	58035	879.4	51.2	1100.3	491208	4.985 ng/ml
Alprazolam	5.776	25514	2158.8	110.4	142.6	210598	5.135 ng/ml
Amphetamine	3.094	83231	144.6	51.2	162.6	252776	5.004 ng/ml
Buprenorphine	5.706	415	81.6	12.9	158.9	23090	0.526 ng/ml
Bupropion	4.801	37034	4255.8	66.8	523.9	261241	5.004 ng/ml
Carisoprodol	5.721	18883	633.4	68.4	303.3	177031	5.070 ng/ml
Citalopram	5.240	21235	472.1	40.9	6603.3	180147	5.141 ng/ml
Clonazepam	5.620	29201	640.1	30.5	17112.0	88684	4.849 ng/ml
Cocaine	4.281	50042	595.4	47.9	276.3	775199	5.049 ng/ml
Codeine	2.634	5790	263.1	127.4	187.2	70069	5.028 ng/ml
Cyclobenzaprine	5.627	9144	12790.0	6.0	∞	56765	5.118 ng/ml
Dextromethorphan	5.284	12443	19666.8	76.0	104.9	129632	5.129 ng/ml
Dextrorphan	4.146	13691	30222.4	228.4	557.9	347768	4.978 ng/ml
Diazepam	5.942	19631	713.6	81.9	15772.0	190273	5.048 ng/ml
Dihydrocodeine	2.602	18220	9953.2	50.6	616.5	188207	4.968 ng/ml
Diphenhydramine	5.316	75355	17127.6	26.4	1618.3	786005	5.093 ng/ml
Doxylamine	4.548	125100	43743.8	101.9	259302.3	1008020	5.037 ng/ml
EDDP	5.279	10360	233.4	222.0	613.1	235868	4.995 ng/ml
Fentanyl	5.121	1166	36.0	90.4	1583.1	127604	0.560 ng/ml
Fluoxetine	5.709	5211	1683.9	8.4	825.9	37730	4.786 ng/ml
Hydrocodone	3.061	27809	367.7	30.8	405.4	301607	4.954 ng/ml
Hydromorphone	1.672	23957	2096.6	62.8	564.0	141413	5.139 ng/ml
Ketamine	4.066	46733	5896.8	38.1	236.8	401608	4.985 ng/ml
Lamotrigine	4.309	3774	60.6	87.5	3046.9	786005	4.484 ng/ml
Lorazepam	5.749	24176	202.1	47.9	78.1	170846	3.655 ng/ml
MDA	3.236	62577	1278.5	26.8	321.9	365793	4.991 ng/ml
MDMA	3.323	40586	2179.1	90.1	1724.4	78863	4.969 ng/ml
Meprobamate	4.930	16524	2348.5	28.3	379.0	121799	4.926 ng/ml
Methadone	5.657	34245	1601.1	49.8	14973.5	318491	5.051 ng/ml

AM #28 Multi-Drug Quant. Results

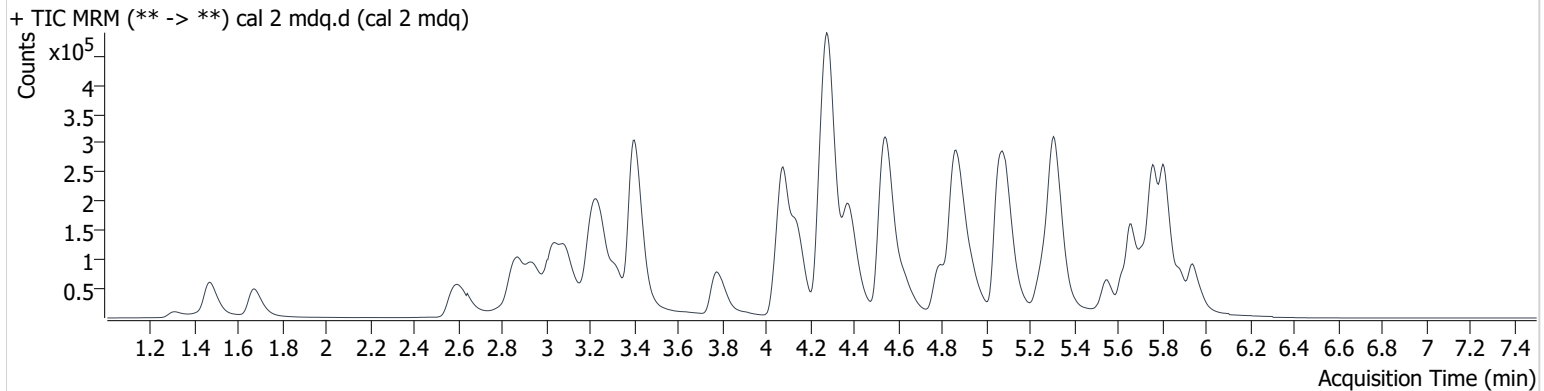
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.257	72186	475.3	42.8	209.6	408414	5.018 ng/ml
Metoprolol	4.339	8249	5692.9	94.6	691.9	129632	4.879 ng/ml
Mirtazapine	4.630	48769	2150.2	47.7	27501.5	318491	4.255 ng/ml
Mitragynine	5.239	4395	4195.0	27.5	1256.2	129632	5.310 ng/ml
Morphine	1.311	3300	667.0	23.2	329.1	11181	4.980 ng/ml
Nordiazepam	5.886	16558	34585.6	60.1	1152.7	122529	4.981 ng/ml
Norfentanyl	4.107	990	11.7	273.5	51.8	731170	0.499 ng/ml
Noroxycodone	2.953	25337	353.6	36.1	150.1	183953	4.929 ng/ml
O-desmethyl-tramadol	3.404	95656	11272.3	6.2	739.7	1101526	5.095 ng/ml
Oxazepam	5.756	35709	918.2	76.4	293.5	385012	5.078 ng/ml
Oxycodone	2.881	59467	942.9	27.0	243.3	459035	5.041 ng/ml
Oxymorphone	1.469	29768	1278.2	42.3	89.9	227777	4.951 ng/ml
Phentermine	3.805	11778	75.0	10.4 High	32.3	329498	5.518 ng/ml
Promethazine	5.554	12467	17491.8	32.5	82.2	116978	5.053 ng/ml
Quetiapine	5.541	21237	6124.4	55.0	8083.2	56185	4.927 ng/ml
Sertraline	5.776	2315	117.5	103.2	2152.8	17506	5.128 ng/ml
Temazepam	5.813	54675	1097.1	30.9	210.2	540371	5.049 ng/ml
Tramadol	4.268	110782	166557.4	3.4	70.1	1055242	4.906 ng/ml
Trazodone	5.100	34922	835.6	76.7	834.2	308703	5.131 ng/ml
Venlafaxine	5.061	62777	2609.9	40.0	355.4	810923	5.167 ng/ml
Zolpidem	4.875	112902	1157.9	33.1	201.6	970568	5.029 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 9:00:15 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	2109	1284.6	78.1	2303.0	48284	1.005 ng/ml
7-aminoclonazepam	4.287	44313	1530.7	99.6	2468.3	88507	10.263 ng/ml
a-hydroxyalprazolam	5.702	8687	454.5	55.5	9338.8	47476	9.828 ng/ml
alpha-PHP	4.944	70546	7284.4	39.0	4097.0	497262	10.418 ng/ml
alpha-PVP	4.382	121710	4455.2	47.5	2559.5	497262	10.106 ng/ml
Alprazolam	5.776	49106	233.2	122.9	336.9	207440	9.679 ng/ml
Amphetamine	3.100	164649	5142.8	50.2	2023.4	260993	9.608 ng/ml
Buprenorphine	5.706	627	230.1	12.3	64.6	21934	0.917 ng/ml
Bupropion	4.801	79008	2509.9	66.0	1660.0	276157	9.991 ng/ml
Carisoprodol	5.726	34800	746.6	69.0	693.1	173935	9.698 ng/ml
Citalopram	5.245	40228	713.3	42.0	14801.3	187152	9.556 ng/ml
Clonazepam	5.620	60885	3082.6	29.1	28996.8	88507	10.390 ng/ml
Cocaine	4.286	98889	1766.8	46.9	60342.5	779560	9.792 ng/ml
Codeine	2.634	11657	88.8	124.8	19419.5	67551	9.939 ng/ml
Cyclobenzaprine	5.632	13563	13936.8	7.3	505.0	44390	9.713 ng/ml
Dextromethorphan	5.289	23521	185.7	76.1	2063.0	127163	9.625 ng/ml
Dextrorphan	4.146	28530	39943.1	221.1	3962.6	357192	10.070 ng/ml
Diazepam	5.942	38404	2765.4	85.1	1163.9	191095	9.920 ng/ml
Dihydrocodeine	2.607	35054	11830.0	56.1	759.9	187225	9.840 ng/ml
Diphenhydramine	5.316	145005	849.4	27.9	7128.0	787094	9.900 ng/ml
Doxylamine	4.553	259219	44764.8	99.1	3110.7	1035337	9.930 ng/ml
EDDP	5.279	18802	1599.7	224.5	38525.2	218328	9.949 ng/ml
Fentanyl	5.105	2334	98.9	76.3	2237.8	112753	1.101 ng/ml
Fluoxetine	5.714	6868	6533.6	6.7	1319.7	24494	10.171 ng/ml
Hydrocodone	3.061	55912	595.7	31.7	436.2	305070	10.060 ng/ml
Hydromorphone	1.677	44702	2971.0	73.2	2410.5	138275	9.706 ng/ml
Ketamine	4.066	90950	3421.2	40.1	238.0	401346	10.031 ng/ml
Lamotrigine	4.314	7302	1967.9	89.5	4175.5	787094	9.763 ng/ml
Lorazepam	5.749	49580	1488.7	40.1	200.0	171481	10.054 ng/ml
MDA	3.236	127380	2979.7	24.6	272.6	376941	10.067 ng/ml
MDMA	3.328	82185	1379.9	91.4	3617.3	80535	10.091 ng/ml
Meprobamate	4.935	32379	2822.3	29.5	740.1	118985	10.218 ng/ml
Methadone	5.662	69636	8670.6	47.9	11541.7	321478	9.951 ng/ml

BW

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.262	111955	333.3	42.8	266.8	416356	9.802 ng/ml
Metoprolol	4.339	16128	8104.5	97.0	1731.1	127163	9.953 ng/ml
Mirtazapine	4.630	98803	8767.3	44.9	231.4	321478	9.681 ng/ml
Mitragynine	5.239	7814	7824.8	30.8	3347.5	127163	9.281 ng/ml
Morphine	1.316	6241	3172.9	24.3	482.3	10680	10.287 ng/ml
Nordiazepam	5.886	33804	1499.2	64.5	4899.6	122132	10.179 ng/ml
Norfentanyl	4.096	2089	58.5	276.5	164.3	732452	1.020 ng/ml
Noroxycodone	2.959	49749	39.6	37.5	479.4	177302	10.107 ng/ml
O-desmethyl-tramadol	3.404	185686	82093.0	6.2	642.8	1081784	9.830 ng/ml
Oxazepam	5.756	67408	641.6	81.9	771.4	385981	9.539 ng/ml
Oxycodone	2.881	115634	1754.9	25.0	304.4	452082	9.878 ng/ml
Oxymorphone	1.469	57874	592.9	43.3	1420.6	225187	9.893 ng/ml
Phentermine	3.805	22977	124.7	8.8	100.8	328338	10.141 ng/ml
Promethazine	5.554	18239	21654.6	36.6	75.0	87916	10.076 ng/ml
Quetiapine	5.541	41889	60090.8	57.9	29559.5	55812	10.024 ng/ml
Sertraline	5.776	2614	563.9	88.0	2050.9	11221	9.486 ng/ml
Temazepam	5.813	106692	1578.4	30.8	88.2	527280	9.920 ng/ml
Tramadol	4.268	222567	12257.7	3.1	114.7	1068093	10.158 ng/ml
Trazodone	5.105	66495	43502.1	75.7	73780.8	299028	9.743 ng/ml
Venlafaxine	5.066	124344	404.1	39.3	458.1	836860	9.525 ng/ml
Zolpidem	4.875	231382	5145.4	31.7	673.4	982499	9.990 ng/ml

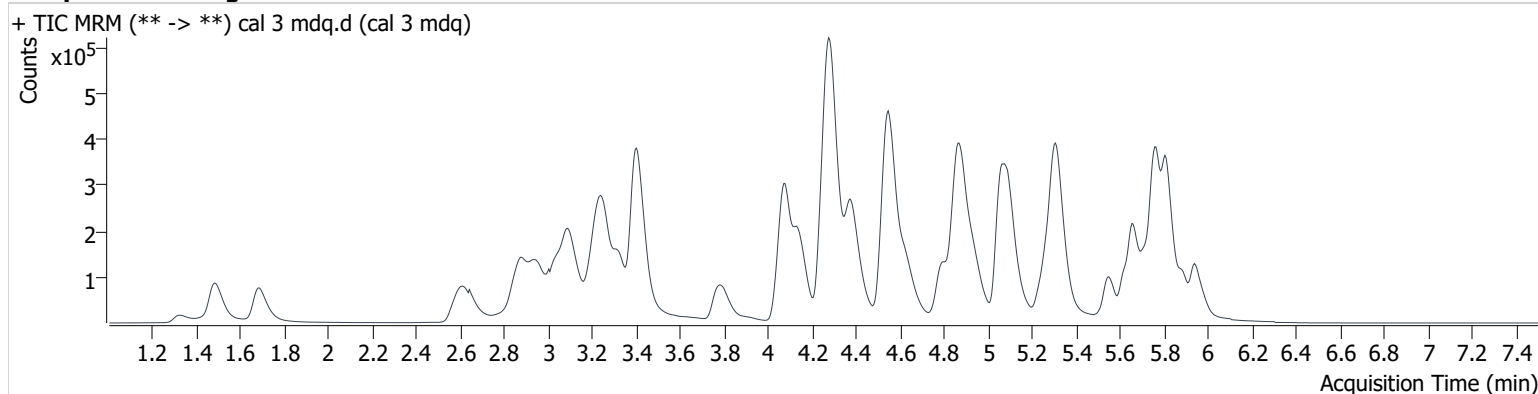
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	cal 3 mdq.d
Type	Cal	Sample	cal 3 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 9:11:04 AM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.172	5283	11307.8	76.9	9439.7	46387	2.617 ng/ml
7-aminoclonazepam	4.287	111065	639.6	98.9	1104.3	89105	26.242 ng/ml
a-hydroxyalprazolam	5.702	20366	1246.3	62.9	452.8	45479	24.900 ng/ml
alpha-PHP	4.949	172005	61198.1	38.8	2543.7	487428	24.523 ng/ml
alpha-PVP	4.382	297534	7537.7	49.6	4779.1	487428	24.897 ng/ml
Alprazolam	5.771	122439	39911.8	120.9	346.8	204702	23.888 ng/ml
Amphetamine	3.100	438994	8144.3	44.5	3128.2	249018	26.892 ng/ml
Buprenorphine	5.691	1425	529.1	14.0	340.3	20652	2.403 ng/ml
Bupropion	4.801	193264	4668.8	66.1	1570.8	269764	24.860 ng/ml
Carisoprodol	5.726	88989	3266.4	67.9	991.6	174722	25.018 ng/ml
Citalopram	5.245	91242	3473.5	42.6	88.1	170015	24.187 ng/ml
Clonazepam	5.620	147311	6949.0	29.8	62917.0	89105	25.303 ng/ml
Cocaine	4.281	251598	330179.0	46.8	91752.7	765334	25.166 ng/ml
Codeine	2.639	29627	1034.7	125.3	8866.3	67658	24.427 ng/ml
Cyclobenzaprine	5.627	33915	38518.7	6.8	124.1	45159	23.883 ng/ml
Dextromethorphan	5.284	54834	1334.4	78.0	42637.7	117536	23.853 ng/ml
Dextrorphan	4.146	70953	130852.3	219.4	65055.1	355765	25.104 ng/ml
Diazepam	5.947	93488	1526.7	88.8	14020.7	190667	24.334 ng/ml
Dihydrocodeine	2.613	91507	6543.4	52.8	1664.2	187389	26.065 ng/ml
Diphenhydramine	5.311	319319	29183.4	29.1	4066.5	753228	22.938 ng/ml
Doxylamine	4.548	642405	94494.3	98.6	18837.3	1010935	24.850 ng/ml
EDDP	5.279	51928	43702.5	227.5	22763.4	238628	25.388 ng/ml
Fentanyl	5.095	5051	104.2	86.9	4859.0	104937	2.384 ng/ml
Fluoxetine	5.714	18265	12452.8	7.3	19.1	28205	24.071 ng/ml
Hydrocodone	3.061	138056	1232.7	34.7	577.3	304597	25.198 ng/ml
Hydromorphone	1.687	111900	1826.1	73.4	1751.2	141274	23.618 ng/ml
Ketamine	4.066	219050	10884.4	41.2	802.2	398577	24.814 ng/ml
Lamotrigine	4.309	18444	848.8	84.9	8867.0	753228	27.700 ng/ml
Lorazepam	5.749	115374	2598.4	44.4	449.3	173131	26.407 ng/ml
MDA	3.236	308652	2385.3	24.2	914.7	378113	24.620 ng/ml
MDMA	3.328	200845	9578.8	91.1	476.0	79756	25.258 ng/ml
Meprobamate	4.930	79442	10083.0	28.6	1580.8	120920	25.143 ng/ml
Methadone	5.662	168048	189132.9	48.1	9182.3	309065	24.643 ng/ml

AM #28 Multi-Drug Quant. Results

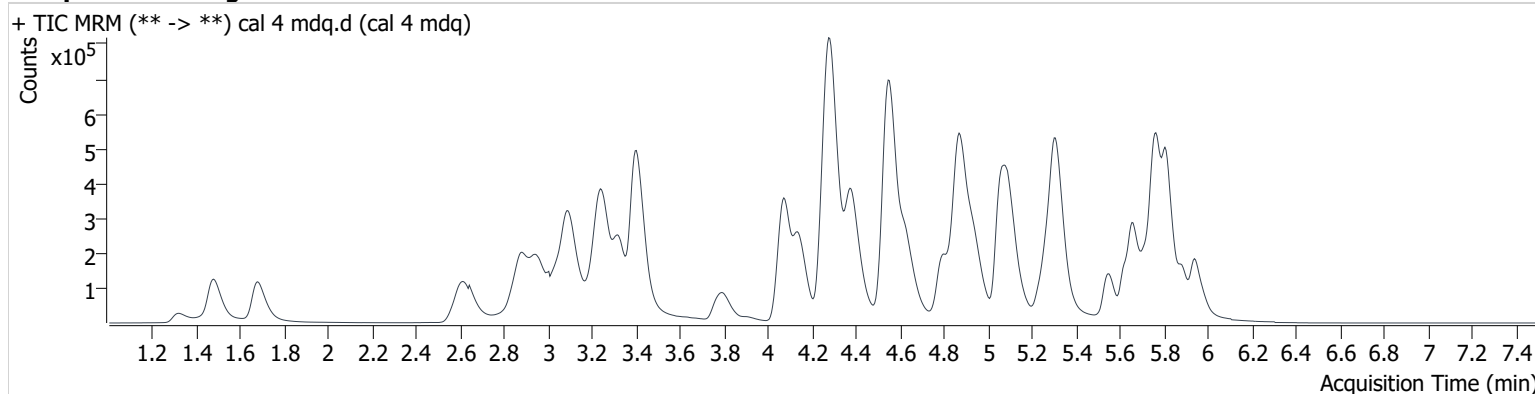
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.262	215467	1454.7	42.7	665.9	382174	25.112 ng/ml
Metoprolol	4.344	40259	4074.6	92.9	3505.0	117536	27.271 ng/ml
Mirtazapine	4.630	237547	3535.7	46.9	17697.8	309065	25.907 ng/ml
Mitragynine	5.234	18487	2444.5	32.1	7823.9	117536	23.101 ng/ml
Morphine	1.326	15688	248.2	23.1	65.0	11747	24.073 ng/ml
Nordiazepam	5.891	80104	100424.6	64.2	105286.0	121298	24.258 ng/ml
Norfentanyl	4.096	5168	255.6	281.2	860.3	743057	2.444 ng/ml
Noroxycodone	2.959	129459	3256.6	35.9	621.8	183329	25.532 ng/ml
O-desmethyl-tramadol	3.404	463991	89081.5	6.1	620.4	1087043	24.075 ng/ml
Oxazepam	5.756	179119	645.6	77.9	1874.7	382066	25.563 ng/ml
Oxycodone	2.886	295372	2651.2	25.6	4107.4	459058	24.731 ng/ml
Oxymorphone	1.484	149619	12484.7	41.9	27254.1	218887	26.584 ng/ml
Phentermine	3.805	57706	195.6	8.5	155.0	317000	25.274 ng/ml
Promethazine	5.559	44258	44472.9	40.2	227.7	93403	23.338 ng/ml
Quetiapine	5.541	103111	21175.6	56.7	90995.1	53533	26.109 ng/ml
Sertraline	5.776	7604	886.2	100.3	11326.1	12666	25.381 ng/ml
Temazepam	5.818	274363	5360.9	30.3	218.0	546463	24.351 ng/ml
Tramadol	4.262	546295	816582.5	3.2	254.3	1059277	25.771 ng/ml
Trazodone	5.105	163629	1954.5	72.9	4269.7	295725	23.716 ng/ml
Venlafaxine	5.061	313888	70700.0	40.9	1975.5	819018	23.895 ng/ml
Zolpidem	4.875	584380	7585.4	32.8	2496.4	1003815	24.420 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	cal 4 mdq.d
Type	Cal	Sample	cal 4 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 9:21:54 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	10302	715.1	78.7	16294.6	46588	5.078 ng/ml
7-aminoclonazepam	4.287	207161	4007.5	100.3	8393.2	81862	53.756 ng/ml
a-hydroxyalprazolam	5.702	40088	1403.1	65.3	2788.4	45603	49.443 ng/ml
alpha-PHP	4.944	333110	63198.4	40.2	8252.3	478748	47.446 ng/ml
alpha-PVP	4.382	588144	13699.1	49.5	6620.6	478748	49.898 ng/ml
Alprazolam	5.771	240912	1904.6	120.7	13481.6	193942	49.210 ng/ml
Amphetamine	3.100	769524	2024.7	46.5	10386.5	228045	51.496 ng/ml
Buprenorphine	5.701	2629	186.9	17.5	762.1	19227	4.892 ng/ml
Bupropion	4.801	367925	31024.7	65.7	5763.3	253374	50.280 ng/ml
Carisoprodol	5.726	171424	1231.8	67.1	1364.4	167860	50.378 ng/ml
Citalopram	5.245	174698	6810.7	40.7	639.0	158138	50.020 ng/ml
Clonazepam	5.620	284358	142475.2	30.1	6972.5	81862	53.426 ng/ml
Cocaine	4.286	479952	524504.1	47.8	378017.9	737752	49.673 ng/ml
Codeine	2.629	60772	19244.5	115.0	2615.0	65665	51.052 ng/ml
Cyclobenzaprine	5.627	49074	2572.0	8.6	744.6	31964	48.831 ng/ml
Dextromethorphan	5.284	107689	17763.7	75.9	714.3	108660	50.357 ng/ml
Dextrorphan	4.141	138752	230906.4	219.1	13859.2	347149	50.283 ng/ml
Diazepam	5.942	183699	2984.8	88.3	5614.6	183287	49.837 ng/ml
Dihydrocodeine	2.607	179944	6182.1	55.1	1816.2	183005	52.735 ng/ml
Diphenhydramine	5.311	660696	505695.3	28.4	2196.8	704774	50.871 ng/ml
Doxylamine	4.548	1233327	14180.6	100.2	19246.5	977457	49.118 ng/ml
EDDP	5.279	107911	479.9	224.1	15069.8	252218	50.072 ng/ml
Fentanyl	5.100	9354	309.7	78.8	12156.5	97245	4.631 ng/ml
Fluoxetine	5.714	23556	10821.9	6.6	2691.3	17246	51.261 ng/ml
Hydrocodone	3.056	272925	731.8	32.9	1444.2	294086	51.820 ng/ml
Hydromorphone	1.677	218681	1159.8	75.1	12655.1	136369	47.701 ng/ml
Ketamine	4.066	434911	6109.0	39.4	2053.8	387885	50.980 ng/ml
Lamotrigine	4.309	32877	922.9	93.0	40388.7	704774	53.839 ng/ml
Lorazepam	5.749	217295	2347.1	43.0	780.9	162712	55.407 ng/ml
MDA	3.236	608554	6622.6	23.6	2133.5	366297	50.329 ng/ml
MDMA	3.328	390732	834.1	91.5	786.1	78465	50.183 ng/ml
Meprobamate	4.925	154280	356915.8	28.1	854.5	115607	51.419 ng/ml
Methadone	5.662	302592	10335.7	50.6	43611.6	285082	47.896 ng/ml

AM #28 Multi-Drug Quant. Results

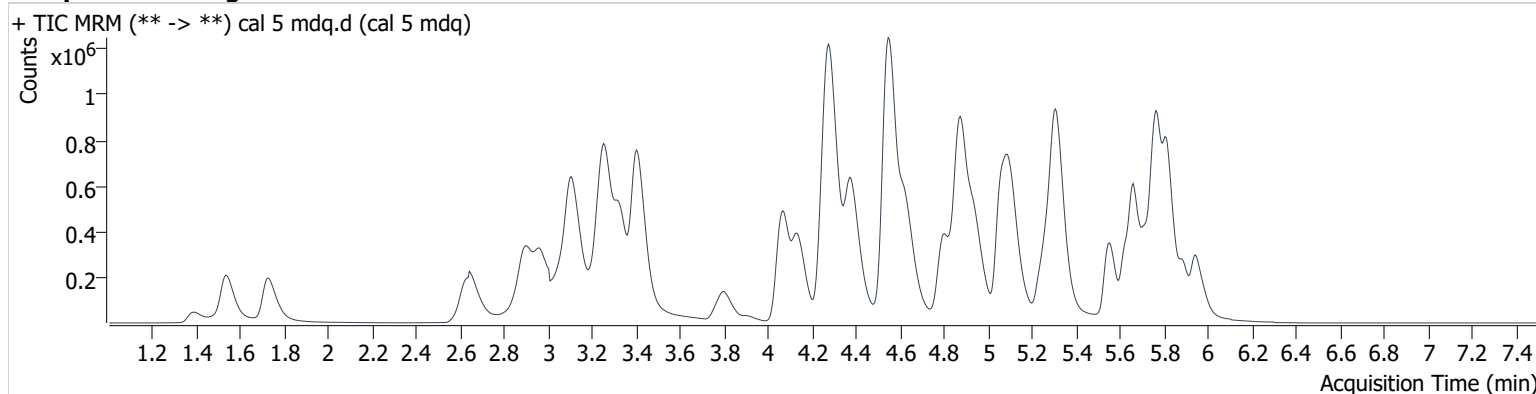
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.257	293213	500.8	41.8	722.2	269584	52.309 ng/ml
Metoprolol	4.339	78647	3524.4	90.8	3779.0	108660	57.882 ng/ml
Mirtazapine	4.630	460865	2580.0	46.1	1849.3	285082	55.739 ng/ml
Mitragynine	5.234	31906	66358.8	30.7	14891.2	108660	42.762 ng/ml
Morphine	1.316	30974	4021.9	22.3	204.7	11722	48.061 ng/ml
Nordiazepam	5.891	156632	240376.9	64.4	7348.6	112811	50.978 ng/ml
Norfentanyl	4.107	9617	75.7	277.5	126.0	698365	4.811 ng/ml
Noroxycodone	2.959	248831	1693.0	38.7	3089.9	171075	52.658 ng/ml
O-desmethyl-tramadol	3.404	914648	21329.7	6.3	2300.0	1047995	48.968 ng/ml
Oxazepam	5.756	329774	920.6	76.5	1348.9	348853	51.519 ng/ml
Oxycodone	2.876	568996	2161.0	25.9	3033.9	437563	49.903 ng/ml
Oxymorphone	1.474	291477	5799.9	41.2	1715.0	220601	51.538 ng/ml
Phentermine	3.805	99758	235.1	8.7	212.4	279786	48.842 ng/ml
Promethazine	5.554	67871	46749.8	34.6	1445.0	68055	49.401 ng/ml
Quetiapine	5.541	195891	169694.9	58.2	184677.9	52406	50.900 ng/ml
Sertraline	5.771	8534	448.9	103.2	7442.3	7492	48.686 ng/ml
Temazepam	5.813	527632	11899.0	30.2	395.0	510521	49.940 ng/ml
Tramadol	4.262	1079059	123855.0	3.2	527.8	1043670	52.093 ng/ml
Trazodone	5.105	319973	13057.0	76.8	270220.3	277844	48.976 ng/ml
Venlafaxine	5.061	615496	174941.5	40.4	8083.6	763036	49.822 ng/ml
Zolpidem	4.875	1129744	6857.9	31.9	3702.8	944731	49.964 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-E1	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 9:32:43 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	19635	9371.1	77.9	5820.9	45776	9.847 ng/ml
7-aminoclonazepam	4.282	407816	33993.1	98.4	3090.6	81601	106.613 ng/ml
a-hydroxyalprazolam	5.702	73808	1631.9	64.8	18779.1	42273	98.779 ng/ml
alpha-PHP	4.949	701972	239583.8	39.9	3500.6	504498	93.945 ng/ml
alpha-PVP	4.377	1212563	39606.1	48.1	10463.0	504498	97.426 ng/ml
Alprazolam	5.776	458951	10932.6	121.5	872.6	186659	97.041 ng/ml
Amphetamine	3.110	1760813	40524.3	47.4	20274.1	262068	102.558 ng/ml
Buprenorphine	5.701	6453	5998.5	17.6	1632.2	23885	9.796 ng/ml
Bupropion	4.801	859656	188428.3	66.3	4832.6	296149	100.404 ng/ml
Carisoprodol	5.726	331703	7930.7	65.6	2127.8	165386	99.144 ng/ml
Citalopram	5.245	435766	8964.3	42.7	634246.2	197238	100.254 ng/ml
Clonazepam	5.620	552171	7975.3	29.3	215135.6	81601	104.300 ng/ml
Cocaine	4.281	944769	958359.5	47.1	443099.2	723596	99.559 ng/ml
Codeine	2.649	118546	5386.5	114.5	4850.1	64262	101.247 ng/ml
Cyclobenzaprine	5.632	238744	9456.7	7.5	771.4	73677	103.071 ng/ml
Dextromethorphan	5.284	275354	380694.8	76.4	275689.5	135527	102.943 ng/ml
Dextrorphan	4.136	278488	191655.4	224.7	6276.5	353471	99.091 ng/ml
Diazepam	5.947	371114	7217.6	86.1	2405.4	185291	99.686 ng/ml
Dihydrocodeine	2.628	347112	38885.7	55.9	16350.9	182663	102.148 ng/ml
Diphenhydramine	5.311	1538879	9734.1	29.4	12745.4	824067	101.455 ng/ml
Doxylamine	4.548	2591268	45929.2	99.5	155302.7	1033217	97.403 ng/ml
EDDP	5.279	195073	156419.0	218.7	124433.2	226961	100.753 ng/ml
Fentanyl	5.105	28886	700.5	75.6	19801.7	144750	9.466 ng/ml
Fluoxetine	5.714	143424	2902.6	7.3	7482.4	52566	102.838 ng/ml
Hydrocodone	3.066	535812	1583.1	33.7	946.0	292113	102.633 ng/ml
Hydromorphone	1.727	453305	19230.6	69.3	15688.7	134383	100.218 ng/ml
Ketamine	4.061	876023	19487.9	40.5	3732.5	391450	102.092 ng/ml
Lamotrigine	4.309	66655	7346.0	91.0	88386.8	824067	94.214 ng/ml
Lorazepam	5.749	410792	6903.4	44.6	1795.1	155789	111.816 ng/ml
MDA	3.241	1226956	28277.7	24.0	354.0	367288	101.413 ng/ml
MDMA	3.333	789197	659.1	90.2	38104.6	80902	98.538 ng/ml
Meprobamate	4.930	291147	125147.3	27.5	1321.4	112472	100.055 ng/ml
Methadone	5.662	819753	2440294.7	48.3	30446.0	375457	98.288 ng/ml

AM #28 Multi-Drug Quant. Results

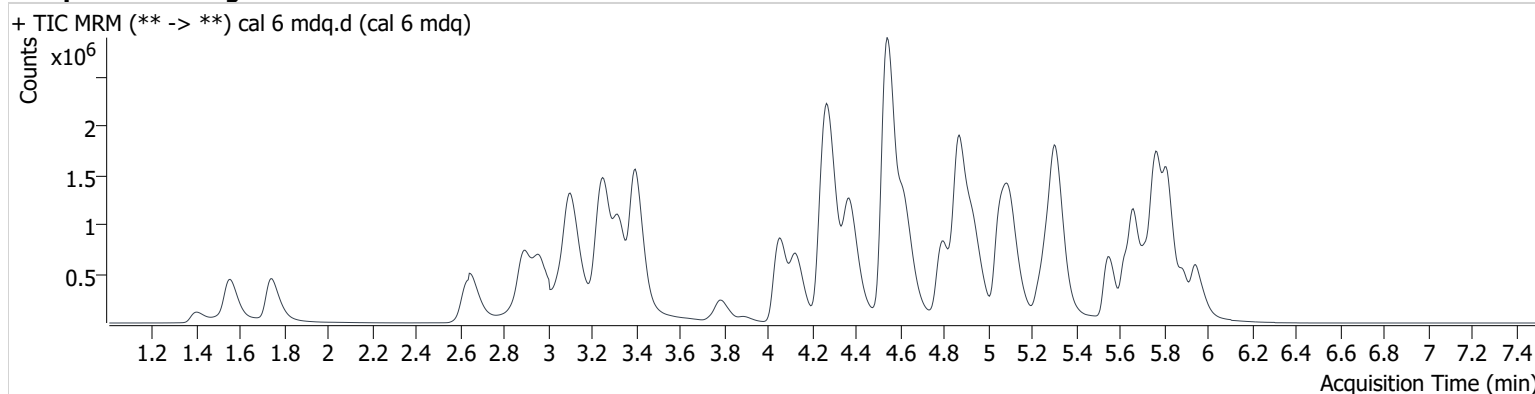
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.267	894040	4486.7	42.8	2874.4	435234	102.487 ng/ml
Metoprolol	4.339	152583	146328.0	92.6	5209.8	135527	90.163 ng/ml
Mirtazapine	4.630	1073335	186173.7	46.3	32991.3	375457	99.436 ng/ml
Mitragynine	5.234	100324	306.5	30.7	41263.6	135527	107.161 ng/ml
Morphine	1.387	63263	5661.4	23.1	69043.3	11209	103.146 ng/ml
Nordiazepam	5.891	313947	400733.2	64.5	127398.0	119070	96.789 ng/ml
Norfentanyl	4.096	19700	1089.4	285.7	780.8	693116	9.897 ng/ml
Noroxycodone	2.969	487260	8078.6	37.8	6203.5	175111	100.797 ng/ml
O-desmethyl-tramadol	3.404	1824533	249001.8	6.3	8099.4	1055066	96.784 ng/ml
Oxazepam	5.756	634833	1656.6	78.4	1350.1	346817	99.735 ng/ml
Oxycodone	2.896	1143108	12867.1	25.5	8061.9	441324	99.324 ng/ml
Oxymorphone	1.534	572376	15752.5	42.0	27213.3	223743	99.937 ng/ml
Phentermine	3.805	237557	1083.0	8.0	543.8	323163	99.964 ng/ml
Promethazine	5.554	303187	411640.4	36.9	1284.6	150971	99.734 ng/ml
Quetiapine	5.541	461248	4347.1	57.8	470910.1	59047	106.639 ng/ml
Sertraline	5.776	59288	1938.4	103.3	73118.0	25854	98.625 ng/ml
Temazepam	5.818	1060129	13182.1	30.3	2798.9	515293	99.236 ng/ml
Tramadol	4.262	2092462	96352.2	3.3	421.4	1040034	101.773 ng/ml
Trazodone	5.110	759483	7527.5	77.7	708610.1	333721	96.439 ng/ml
Venlafaxine	5.061	1266193	56275.7	38.9	406.9	786417	99.021 ng/ml
Zolpidem	4.875	2269111	19851.3	31.1	3464.5	966587	97.905 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 9:43:32 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.166	49935	2848.8	77.8	9096.5	46813	24.484 ng/ml
7-aminoclonazepam	4.277	884306	4836.4	95.0	37263.1	81103	233.146 ng/ml
a-hydroxyalprazolam	5.697	168711	3071.1	63.2	1839.0	37617	254.656 ng/ml
alpha-PHP	4.939	1641829	36757.0	39.3	12978.2	455341	241.960 ng/ml
alpha-PVP	4.372	2817485	148613.3	51.2	4479.5	455341	250.491 ng/ml
Alprazolam	5.776	1080224	299.2	118.6	3035.4	167414	254.056 ng/ml
Amphetamine	3.105	3805509	24434.9	48.1	43593.3	232418	249.961 ng/ml
Buprenorphine	5.696	13740	2438.1	16.5	1768.9	20430	24.582 ng/ml
Bupropion	4.791	2028595	9599.1	65.0	20912.2	279724	250.686 ng/ml
Carisoprodol	5.726	795216	64161.3	64.1	13887.6	152151	258.704 ng/ml
Citalopram	5.240	948504	11135.5	44.7	656892.6	171200	251.738 ng/ml
Clonazepam	5.620	1302749	2279.2	29.1	657601.4	81103	247.914 ng/ml
Cocaine	4.271	2165936	3855.5	47.6	2978.5	655711	251.670 ng/ml
Codeine	2.654	265444	3134.4	122.6	10501.2	60974	238.233 ng/ml
Cyclobenzaprine	5.632	437733	374605.3	7.8	7221.3	54509	255.444 ng/ml
Dextromethorphan	5.284	597208	8249.0	76.7	827715.6	122227	247.172 ng/ml
Dextrorphan	4.131	648885	823660.5	221.2	154785.1	326251	250.105 ng/ml
Diazepam	5.947	882025	25113.1	86.1	31230.4	174800	251.282 ng/ml
Dihydrocodeine	2.628	838860	28003.6	56.5	14688.0	182220	247.812 ng/ml
Diphenhydramine	5.311	3549580	65344.1	28.8	15672.7	768746	251.035 ng/ml
Doxylamine	4.538	6600930	175428.2	99.0	611751.9	1020760	250.789 ng/ml
EDDP	5.273	566887	12106.5	226.7	5355.8	265037	250.969 ng/ml
Fentanyl	5.095	59179	595.1	78.7	1707.1	121564	22.900 ng/ml
Fluoxetine	5.709	178234	10841.4	8.0	22569.8	25895	260.103 ng/ml
Hydrocodone	3.061	1289205	1115.4	31.1	1642.9	287996	250.784 ng/ml
Hydromorphone	1.742	1142942	22733.2	69.9	30192.7	118155	287.181 ng/ml
Ketamine	4.050	2148646	34694.1	40.1	2456.7	386304	254.247 ng/ml
Lamotrigine	4.304	141056	6052.5	91.1	133550.4	768746	215.221 ng/ml
Lorazepam	5.749	837666	24650.8	44.7	1562.7	139462	257.870 ng/ml
MDA	3.236	2871702	3006.0	24.7	25513.7	346414	251.976 ng/ml
MDMA	3.328	1881596	179324.6	89.1	1333.7	75668	251.560 ng/ml
Meprobamate	4.925	697488	9116.6	27.5	5097.3	106281	254.176 ng/ml
Methadone	5.662	1873152	51256.7	48.2	8648.2	342061	246.184 ng/ml

AM #28 Multi-Drug Quant. Results

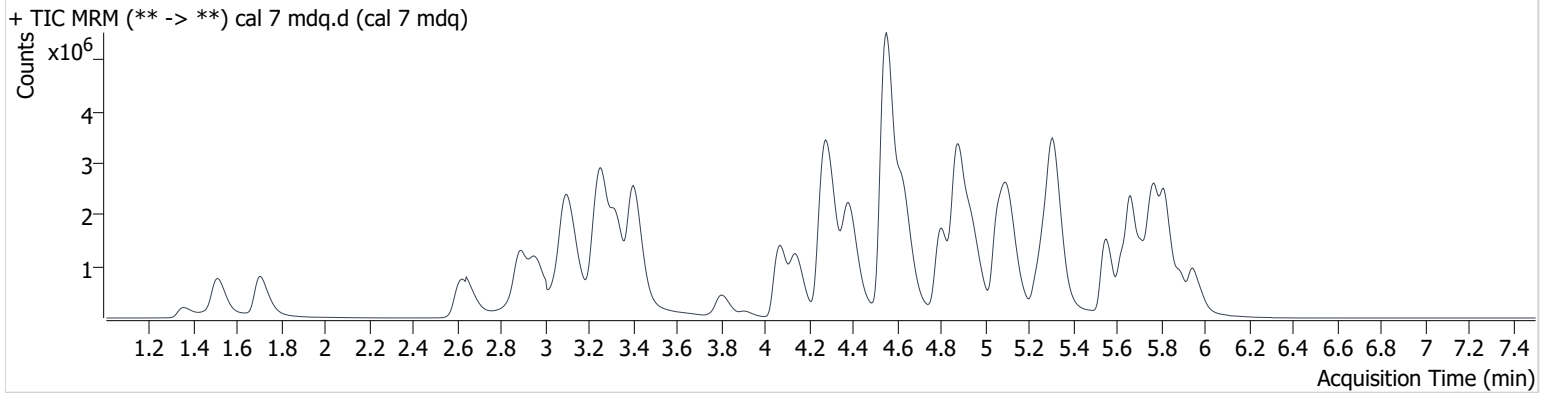
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.262	1487706	2496.1	43.0	5942.0	308127	246.507 ng/ml
Metoprolol	4.328	334828	446319.7	93.0	7203.2	122227	219.712 ng/ml
Mirtazapine	4.620	2548836	11181.6	46.0	75236.6	342061	261.001 ng/ml
Mitragynine	5.234	195341	1824.3	30.7	118332.4	122227	230.871 ng/ml
Morphine	1.402	149310	16565.2	23.0	742.6	11463	238.633 ng/ml
Nordiazepam	5.891	723783	2039727.2	63.4	1390984.8	104707	253.715 ng/ml
Norfentanyl	4.086	48638	2580.5	271.9	536.2	669421	25.256 ng/ml
Noroxycodone	2.964	1119651	13831.0	40.9	3891.7	170082	238.553 ng/ml
O-desmethyl-tramadol	3.399	4635530	7909.3	6.4	40673.8	1040150	249.032 ng/ml
Oxazepam	5.756	1383359	9491.6	76.7	2938.1	299091	251.972 ng/ml
Oxycodone	2.886	2876453	11753.6	26.4	6448.2	428252	257.439 ng/ml
Oxymorphone	1.549	1418775	40616.1	42.0	47.3	223398	248.344 ng/ml
Phentermine	3.790	532220	2203.5	7.9	2296.3	290414	248.183 ng/ml
Promethazine	5.554	560132	300810.2	38.0	10545.2	112649	247.315 ng/ml
Quetiapine	5.541	1066338	22110.3	58.8	1361283.1	57369	254.083 ng/ml
Sertraline	5.776	79233	466.2	102.5	951.1	13806	247.715 ng/ml
Temazepam	5.818	2469249	47946.2	29.7	1400.7	485814	244.905 ng/ml
Tramadol	4.247	4940743	845186.2	3.4	4394.2	987999	253.597 ng/ml
Trazodone	5.100	1839433	88617.6	75.2	5852.0	307766	252.692 ng/ml
Venlafaxine	5.055	3071754	258339.9	39.7	11969.0	773150	243.719 ng/ml
Zolpidem	4.873	5587167	25045.4	30.9	3565.3	909853	255.798 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	cal 7 mdq.d
Type	Cal	Sample	cal 7 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 9:54:22 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.166	93963	7459.9	78.6	2642.0	45124	47.793 ng/ml
7-aminoclonazepam	4.292	1364235	3750.4	93.1	2651.2	66243	440.774 ng/ml
a-hydroxyalprazolam	5.702	252761	1150.0	66.3	2559.1	28724	500.209 ng/ml
alpha-PHP	4.949	3215025	60907.8	39.4	88014.0	445318	483.533 ng/ml
alpha-PVP	4.382	5444999	40169.6	51.8	18543.0	445318	494.787 ng/ml
Alprazolam	5.776	1804516	18390.5	118.0	10824.0	136585	519.803 ng/ml
Amphetamine	3.100	7540661	84058.6	48.5	23085.2	236361	487.060 ng/ml
Buprenorphine	5.696	27964	21984.4	15.9	580.2	21277	48.165 ng/ml
Bupropion	4.801	4362656	665749.4	65.1	36051.9	303152	497.351 ng/ml
Carisoprodol	5.726	1272203	69283.9	62.9	25533.9	126755	496.999 ng/ml
Citalopram	5.240	1948096	42291.9	44.8	14660.4	177265	499.558 ng/ml
Clonazepam	5.620	2123912	156755.9	30.2	487662.3	66243	495.085 ng/ml
Cocaine	4.281	3774451	22296.5	46.8	152828.4	570413	504.022 ng/ml
Codeine	2.639	528945	1519.9	116.2	22105.9	57241	505.105 ng/ml
Cyclobenzaprine	5.632	1196164	55763.2	7.9	1583.0	75856	501.603 ng/ml
Dextromethorphan	5.284	1256501	18307.0	75.0	33015.7	127124	499.722 ng/ml
Dextrorphan	4.141	1248003	203716.7	225.2	231376.3	314911	498.322 ng/ml
Diazepam	5.947	1597798	9750.9	86.6	12012.8	158662	501.592 ng/ml
Dihydrocodeine	2.613	1602804	32477.8	57.9	26595.2	176272	489.712 ng/ml
Diphenhydramine	5.316	7575564	666361.6	29.5	2132.1	811291	507.790 ng/ml
Doxylamine	4.548	13113113	171961.2	98.1	35024.2	1008484	504.040 ng/ml
EDDP	5.279	1289944	11708.4	214.5	346450.0	302626	500.306 ng/ml
Fentanyl	5.105	151289	1302.8	75.8	148727.8	139816	50.739 ng/ml
Fluoxetine	5.709	567573	536764.5	7.9	9008.6	44534	481.984 ng/ml
Hydrocodone	3.056	2352872	3217.8	33.6	2202.6	264556	498.461 ng/ml
Hydromorphone	1.702	2082938	36028.3	73.8	24908.2	132075	468.136 ng/ml
Ketamine	4.066	4007631	36547.9	39.9	13250.5	371648	493.240 ng/ml
Lamotrigine	4.314	215186	1617.6	92.8	241738.3	811291	311.633 ng/ml
Lorazepam	5.744	1135312	23186.2	46.6	4360.2	103107	474.792 ng/ml
MDA	3.231	5089377	2347.1	25.1	901.3	311269	497.192 ng/ml
MDMA	3.328	3582520	91057.5	87.9	169274.9	73743	491.705 ng/ml
Meprobamate	4.930	1119475	869923.1	26.9	55214.5	88039	492.799 ng/ml
Methadone	5.662	4374499	5630.1	46.4	128169.9	384841	510.781 ng/ml

AM #28 Multi-Drug Quant. Results

BW

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.262	3985266	20646.6	42.2	7998.6	407660	503.376 ng/ml
Metoprolol	4.339	570484	835757.1	92.8	160137.0	127124	360.074 ng/ml
Mirtazapine	4.630	5563506	230825.9	45.2	29516.6	384841	507.437 ng/ml
Mitragynine	5.234	473045	54434.4	31.9	4495.3	127124	536.991 ng/ml
Morphine	1.356	307725	15282.0	24.3	8819.4	11361	496.698 ng/ml
Nordiazepam	5.891	1283117	1368959.6	63.7	6480.1	92441	509.442 ng/ml
Norfentanyl	4.101	85809	1637.9	277.4	1172.8	598228	49.831 ng/ml
Noroxycodone	2.964	2106938	2285.7	39.6	6035.5	151573	503.791 ng/ml
O-desmethyl-tramadol	3.404	8972685	506152.0	6.4	1841.9	977528	512.652 ng/ml
Oxazepam	5.756	2105474	4558.7	76.7	19586.5	228271	502.454 ng/ml
Oxycodone	2.881	5425637	25141.9	27.0	16622.2	415040	500.974 ng/ml
Oxymorphone	1.504	2691448	126636.0	41.6	1306.2	213357	493.446 ng/ml
Phentermine	3.805	1207813	13981.9	6.9	1103.2	324626	503.154 ng/ml
Promethazine	5.554	1738650	1645.0	37.3	61325.6	168789	512.608 ng/ml
Quetiapine	5.541	2135565	1574985.8	61.4	875300.7	60342	484.002 ng/ml
Sertraline	5.776	237420	3026.6	105.4	227647.0	19687	521.198 ng/ml
Temazepam	5.818	4295683	84856.2	29.7	6808.4	409867	504.811 ng/ml
Tramadol	4.257	8927467	6158.4	3.4	4177.4	941223	481.381 ng/ml
Trazodone	5.105	3801591	7316.0	76.3	1650.0	313633	512.109 ng/ml
Venlafaxine	5.063	6138127	516762.5	38.8	26789.6	737177	510.310 ng/ml
Zolpidem	4.875	10518274	36858.9	30.3	12983.2	896565	488.527 ng/ml

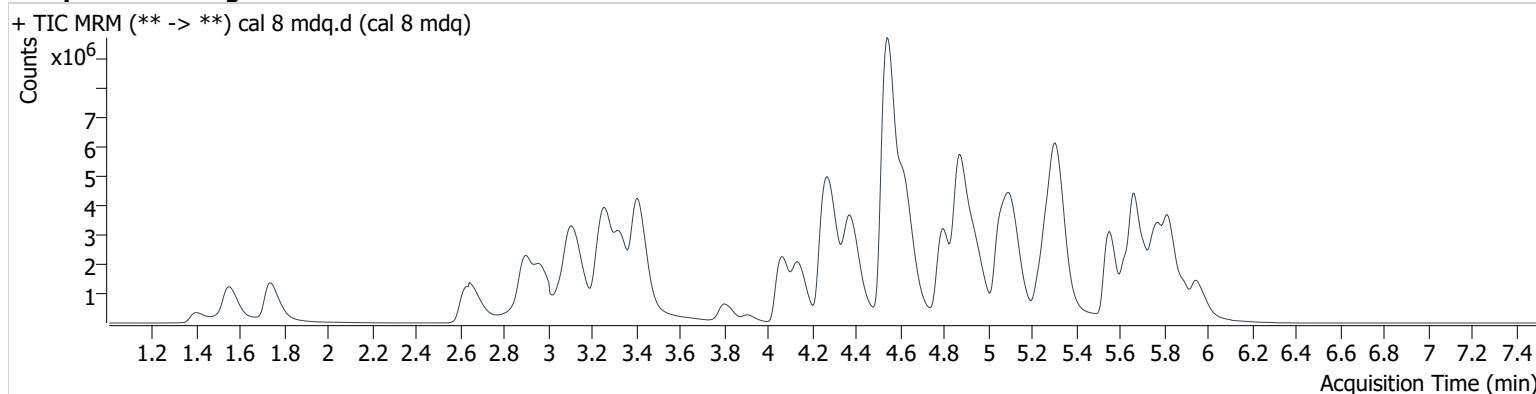
AM #28 Multi-Drug Quant. Results

BW

Batch results D:\MassHunter\Data\2020 Data\am 28 9-13-2020 reinject\QuantResults\mdq p1.batch.bin
Calibration Last Update 9/14/2020 8:55:02 AM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	9/13/2020 10:15:53 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.171	186931	10076.0	75.1	12481.6	41878	102.445 ng/ml
7-aminoclonazepam	4.287	1675247	53313.1	93.0	6830.0	50393	711.793 ng/ml
a-hydroxyalprazolam	5.697	327184	2943.3	66.2	2052.3	18337	1014.846 ng/ml
alpha-PHP	4.944	5821724	145510.2	39.2	58346.7	377224	1032.566 ng/ml
alpha-PVP	4.378	9630533	275503.1	51.7	21383.9	377224	1032.875 ng/ml
Alprazolam	5.781	2736916	3651.1	117.5	40047.8	103600	1039.026 ng/ml
Amphetamine	3.115	10494784	465883.0	48.1	18764.1	171687	933.244 ng/ml
Buprenorphine	5.701	54272	9531.4	14.6	4593.4	17102	116.490 ng/ml
Bupropion	4.796	8195659	629186.3	63.1	463145.9	283606	998.605 ng/ml
Carisoprodol	5.726	1755922	30158.4	61.4	54117.9	88057	987.647 ng/ml
Citalopram	5.235	3536495	94882.6	44.5	19567.5	154650	1039.732 ng/ml
Clonazepam	5.620	2889562	14235046.6	30.1	64346.0	50393	885.607 ng/ml
Cocaine	4.276	5946325	595681.0	46.7	359289.7	452590	1000.624 ng/ml
Codeine	2.654	906316	17238.9	110.6	12581.2	48224	1026.750 ng/ml
Cyclobenzaprine	5.627	2531910	818236.3	8.3	17250.0	79152	1017.528 ng/ml
Dextromethorphan	5.279	2277652	1356.6	74.6	50424.5	111459	1032.861 ng/ml
Dextropropion	4.141	2236974	43632.9	225.0	636541.1	281389	999.596 ng/ml
Diazepam	5.947	2768059	31737.5	86.8	83458.8	134764	1023.158 ng/ml
Dihydrocodeine	2.623	2900660	22970.9	57.7	21077.8	167500	932.891 ng/ml
Diphenhydramine	5.316	14201861	705125.7	29.3	119618.6	755669	1022.143 ng/ml
Doxylamine	4.538	24613326	2324974.5	97.5	524449.7	919001	1037.961 ng/ml
EDDP	5.273	3180505	2508.9	224.5	3936.5	382090	977.169 ng/ml
Fentanyl	5.100	324782	8311.7	76.4	229721.9	148789	102.220 ng/ml
Fluoxetine	5.714	1197550	11606.8	8.0	100651.8	45095	1004.785 ng/ml
Hydrocodone	3.061	3947503	11112.2	36.3	741.8	237303	932.517 ng/ml
Hydromorphone	1.732	4051210	115866.1	69.9	171053.5	118382	1015.691 ng/ml
Ketamine	4.061	7185139	46290.9	39.4	21248.9	341234	963.455 ng/ml
Lamotrigine	4.309	281268	6399.4	90.6	9459.7	755669	437.792 ng/ml
Lorazepam	5.744	1243540	82132.2	45.6	8199.3	69219	776.232 ng/ml
MDA	3.236	7853125	208301.4	24.8	32385.8	241951	987.197 ng/ml
MDMA	3.333	6156559	1638.1	86.2	219228.6	61825	1008.132 ng/ml
Meprobamate	4.925	1530303	23615.0	27.3	16082.7	62050	956.113 ng/ml
Methadone	5.662	9457201	7777.5	45.0	70780.3	400088	1061.933 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.267	4448210	14810.0	42.2	6862.2	242575	947.861 ng/ml
Metoprolol	4.334	807679	249088.6	93.8	1769.2	111459	581.577 ng/ml
Mirtazapine	4.626	11119058	81860.5	44.7	20607.5	400088	976.544 ng/ml
Mitragynine	5.229	897495	34018.1	32.4	420648.2	111459	1161.521 ng/ml
Morphine	1.397	550842	32984.6	24.4	61522.6	9429	1071.777 ng/ml
Nordiazepam	5.896	2042596	91971.6	63.5	94500.4	75391	994.375 ng/ml
Norfentanyl	4.096	137721	146.1	269.3	794.5	457480	104.550 ng/ml
Noroxycodone	2.969	3370690	∞	39.7	2261.5	127344	959.369 ng/ml
O-desmethyl-tramadol	3.404	16785695	600628.4	6.2	122928.3	878988	1066.293 ng/ml
Oxazepam	5.751	2516560	30324.2	77.3	22261.7	141697	967.460 ng/ml
Oxycodone	2.894	10190615	20509.7	26.7	22120.4	393753	991.739 ng/ml
Oxymorphone	1.544	4769031	9055.9	41.4	55680.9	197069	946.763 ng/ml
Phentermine	3.805	1893569	4269.8	6.5	1823.2	256043	999.442 ng/ml
Promethazine	5.554	4180562	1048085.8	36.8	15847.1	198469	1048.500 ng/ml
Quetiapine	5.536	4109478	24627.3	60.5	3366090.0	62515	899.210 ng/ml
Sertraline	5.781	497826	443885.2	102.8	783600.1	21162	1017.247 ng/ml
Temazepam	5.823	7199277	1081375.3	29.5	5096.2	332160	1043.764 ng/ml
Tramadol	4.247	14933567	596651.3	3.3	4960.9	810647	935.345 ng/ml
Trazodone	5.105	7254280	5629.5	77.1	17418.1	285788	1072.042 ng/ml
Venlafaxine	5.055	11212682	148767.0	37.8	95906.2	638253	1076.208 ng/ml
Zolpidem	4.870	18837203	29546.5	29.4	21131.5	754229	1039.802 ng/ml