

REVIEWED

By Tamara Salazar at 11:54 am, Aug 14, 2020

8/12/2020 BW

Worklist: 4430

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2020-1492	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1495	10	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1505	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1507	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1516	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1543	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1550	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2020-1553	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1560	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1568	1	AVK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1572	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2020-1574	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-2504	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-2601	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2020-2636	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1679	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1680	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1919	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1935	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2020-1977	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

AM# 28: Multi-Drug Quantitation by LC-MS/MSExtraction Date 8/12/2020Analyst: 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: Norhydrocodone- Not evaluated [Sertraline - evaluated qualitatively](#)

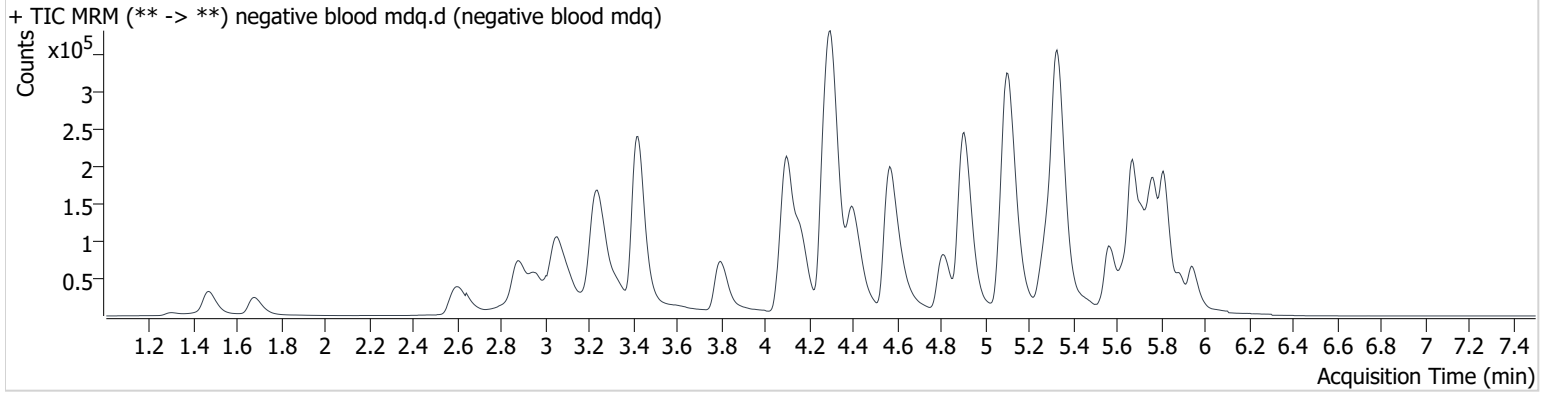
Curves Limited:5-500 Benzylecgonine, hydrocodone, metoprolol, 2.5-100: buprenorphine; 1-100 Fentanyl; 5-250 Lorazepam, Lamotrigine; 5-100 Norbuprenorphine

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 AM

Instrument	69679	Data File	negative blood mdq.d
Type	Sample	Sample	negative blood mdq
Acq. Method	MDQP1 5-27-20.m	Operator	Britany Wylie
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	8/12/2020 6:53:21 PM		

Sample Chromatogram



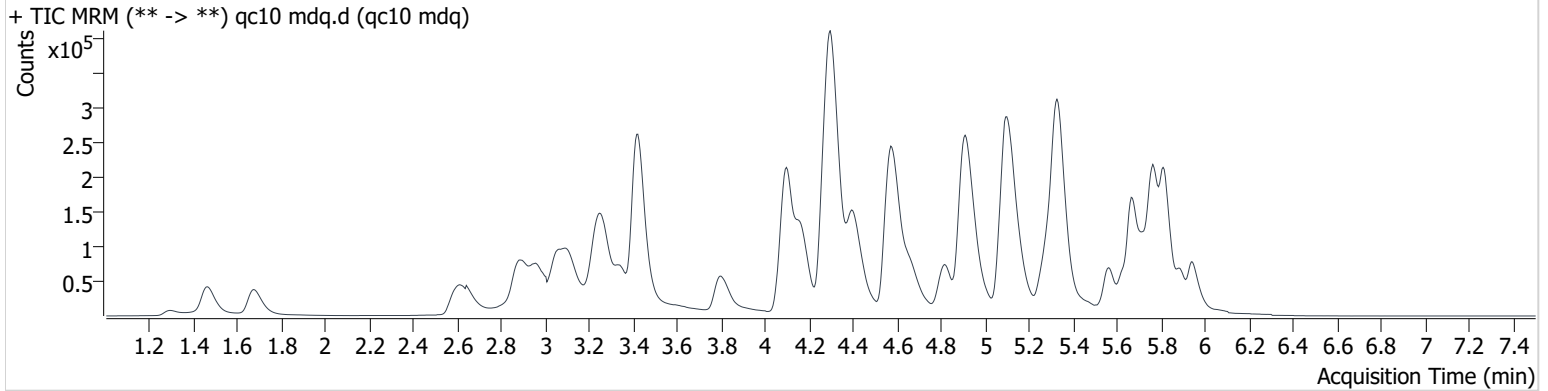
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.288	43138	65.7	41.5	46.7	417092	1.344 ng/ml <5

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 9:24:08 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	1823	2563.6	82.7	3499.7	39340	1.049 ng/ml
7-aminoclonazepam	4.308	37163	1667.1	87.4	897.3	148351	10.132 ng/ml
a-hydroxyalprazolam	5.707	6579	152.5	59.9	5699.7	35783	10.079 ng/ml
alpha-PHP	4.970	59643	1636.5	38.7	406.8	391996	9.702 ng/ml
alpha-PVP	4.408	95595	659.9	47.2	1777.6	391996	9.952 ng/ml
Alprazolam	5.776	41062	2681.0	119.0	1771.1	164956	9.834 ng/ml
Amphetamine	3.120	95065	989.7	45.9	642.8	151250	10.496 ng/ml
Benzoyllecgonine	3.930	2561	651.0	8.1	262.8	8765	9.537 ng/ml
Buprenorphine	5.706	629	44.4	9.5 Low	331.9	22958	1.525 ng/ml
Bupropion	4.832	63263	3796.0	64.6	1645.2	213355	10.039 ng/ml
Carisoprodol	5.731	29317	2029.4	66.5	714.5	142893	10.260 ng/ml
Citalopram	5.266	37600	1857.1	41.5	163.4	186859	9.118 ng/ml
Clonazepam	5.630	40019	813.5	30.8	3919.0	67431	9.493 ng/ml
Cocaine	4.312	92975	4686.9	44.7	2415.2	662627	10.283 ng/ml
Codeine	2.654	8862	396.9	124.6	8146.5	53907	9.287 ng/ml
Cyclobenzaprine	5.637	15385	41833.8	9.3	103.0	51887	9.775 ng/ml
Dextromethorphan	5.310	29356	769.3	79.7	44802.3	147060	10.326 ng/ml
Dextrorphan	4.166	24554	6746.0	218.9	4120.1	314644	9.629 ng/ml
Diazepam	5.947	31407	1068.4	90.9	1637.4	149505	9.961 ng/ml
Dihydrocodeine	2.628	27493	12119.8	53.8	176.6	152104	10.136 ng/ml
Diphenhydramine	5.331	148024	2761.9	29.0	3072.4	770872	10.188 ng/ml
Doxylamine	4.584	217469	6016.7	100.0	10176.6	889058	9.869 ng/ml
EDDP	5.299	17191	29666.5	209.4	2411.0	194426	10.214 ng/ml
Fentanyl	5.126	3142	94.8	85.2	6421.6	165047	1.184 ng/ml
Fluoxetine	5.719	8611	∞	7.6	189.0	26718	11.541 ng/ml
Hydrocodone	3.081	43502	599.7	33.9	554.5	249368	9.939 ng/ml
Hydromorphone	1.677	34138	2762.8	77.4	9013.1	108198	9.954 ng/ml
Ketamine	4.091	75185	470.8	39.4	198.8	317960	10.252 ng/ml
Lamotrigine	4.340	6397	581.6	86.5	9753.4	317960	11.118 ng/ml
Lorazepam	5.754	35987	2074.3	51.5	211.1	67431	9.690 ng/ml
MDA	3.256	103280	472.5	26.0	199.4	310312	9.751 ng/ml
MDMA	3.348	73214	574.1	85.8	2023.9	70314	9.759 ng/ml
Meprobamate	4.945	24363	3212.8	31.1	192.6	102576	9.224 ng/ml

OCR- Outside Curve range

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	71115	1583.6	57.1	2218.6	358492	10.005 ng/ml
Methamphetamine	3.283	58423	∞	43.8	192.0	204679	11.942 ng/ml
Metoprolol	4.364	13487	939.5	93.3	588.6	317960	10.303 ng/ml
Mirtazapine	4.666	107062	3988.1	47.0	1806.9	358492	11.563 ng/ml
Mitragynine	5.255	9879	12293.8	27.9	3288.3	358492	10.281 ng/ml
Morphine	1.296	5200	4186.3	20.5	446.8	6896	9.400 ng/ml
Norbuprenorphine	5.038	133	96.5	47.0 Low	64.2	4688	1.851 ng/ml OCR
Nordiazepam	5.896	29334	8619.9	59.5	28393.9	102410	10.196 ng/ml
Norfentanyl	4.122	1747	59.0	298.5	140.7	579520	1.013 ng/ml
Noroxycodone	2.979	36708	657.2	40.7	980.7	124061	10.289 ng/ml
O-desmethyl-tramadol	3.425	155695	5754.3	6.1	1566.8	878584	9.758 ng/ml
Oxazepam	5.761	52693	779.0	74.5	663.5	299669	10.033 ng/ml
Oxycodone	2.907	82292	389.3	30.2	1625.7	349319	9.997 ng/ml
Oxymorphone	1.464	42758	4464.3	45.3	197.1	156957	9.985 ng/ml
Phentermine	3.831	16429	145.9	7.9	88.8	222664	10.477 ng/ml
Promethazine	5.565	21538	3918.1	37.8	112.0	104956	9.864 ng/ml
Quetiapine	5.557	41268	2040.2	55.0	2136.6	50547	10.249 ng/ml
Sertraline	5.786	3442	426.1	97.0	19302.2	10680	14.803 ng/ml
Temazepam	5.818	90162	1230.3	31.4	567.5	424408	10.216 ng/ml
Tramadol	4.288	191543	19934.5	3.0	17.7	921050	10.195 ng/ml
Trazodone	5.146	71881	3221.5	73.1	1322.9	337830	9.573 ng/ml
Venlafaxine	5.081	108035	5875.6	42.5	404.7	748403	10.193 ng/ml
Zolpidem	4.916	188829	6672.4	31.1	1777.9	877608	10.142 ng/ml

OCR- Outside Curve range

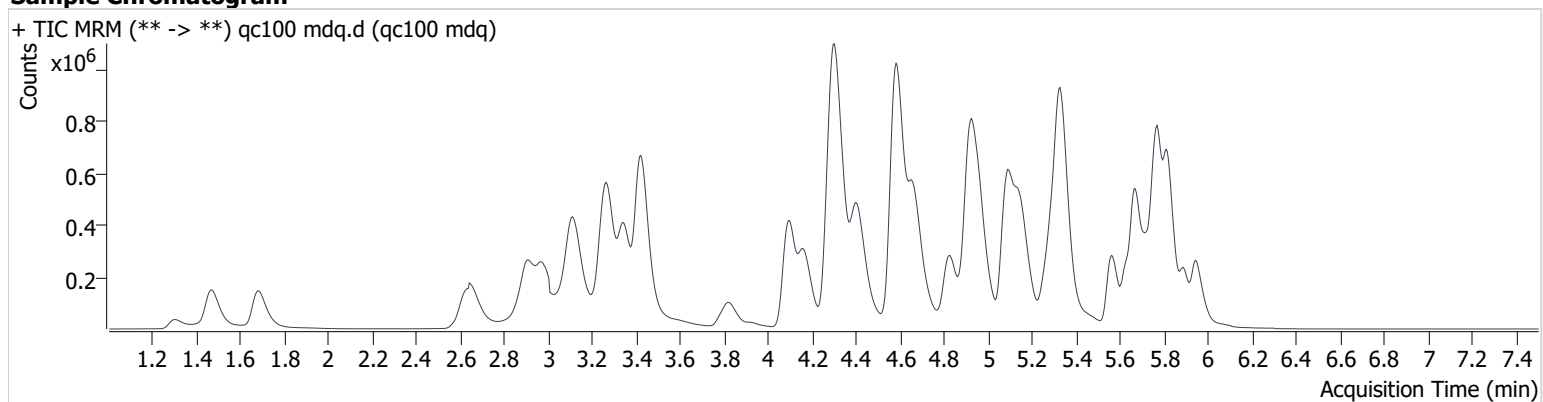
BW

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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 8/12/2020 9:34:58 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	17799	8609.5	77.6	47256.5	38961	10.805 ng/ml
7-aminoclonazepam	4.308	358495	3859.1	94.9	29144.9	139475	103.987 ng/ml
a-hydroxyalprazolam	5.707	65957	2710.8	58.3	1737.9	33568	104.099 ng/ml
alpha-PHP	4.970	566184	85042.9	40.1	5839.5	366016	99.597 ng/ml
alpha-PVP	4.408	912727	4176.5	48.8	19755.1	366016	102.523 ng/ml
Alprazolam	5.776	420944	15146.9	114.5	7703.5	153219	104.044 ng/ml
Amphetamine	3.120	1005211	3466.0	48.4	5015.8	162069	102.723 ng/ml
Benzoylcegonine	3.925	27176	4348.4	8.4	797.6	8373	106.486 ng/ml
Buprenorphine	5.706	6575	930.3	14.5	1050.6	22788	10.185 ng/ml
Bupropion	4.827	611693	99654.1	67.0	14764.2	197787	103.701 ng/ml
Carisoprodol	5.731	285367	7542.5	68.6	10554.4	135911	105.389 ng/ml
Citalopram	5.266	408348	4499.1	41.1	344405.5	176039	102.521 ng/ml
Clonazepam	5.625	402217	60497.5	31.0	202153.6	63865	106.782 ng/ml
Cocaine	4.307	891957	5918.5	44.9	97019.7	628238	106.045 ng/ml
Codeine	2.659	96379	6231.3	109.0	26593.4	50099	106.680 ng/ml
Cyclobenzaprine	5.643	141813	142103.6	8.8	11011.2	43915	108.487 ng/ml
Dextromethorphan	5.305	284593	5491.8	79.5	220769.3	135612	105.325 ng/ml
Dextrophan	4.166	222766	265245.3	224.3	162357.6	268666	102.866 ng/ml
Diazepam	5.947	321974	7938.0	88.4	6969.3	147527	105.772 ng/ml
Dihydrocodeine	2.628	271811	19836.8	59.0	3750.3	145685	105.455 ng/ml
Diphenhydramine	5.331	1500667	28160.5	28.8	2140.3	761232	105.487 ng/ml
Doxylamine	4.584	2248920	35367.5	98.3	17947.7	875691	103.348 ng/ml
EDDP	5.299	208421	3734.2	227.4	12520.0	235582	103.402 ng/ml
Fentanyl	5.126	33549	988.8	76.5	1859.9	177853	9.420 ng/ml
Fluoxetine	5.719	58369	5236.9	7.8	1019.1	20077	111.589 ng/ml
Hydrocodone	3.081	418995	1641.6	37.7	4077.9	231433	106.329 ng/ml
Hydromorphone	1.682	339822	32803.9	72.9	3308.8	98937	105.482 ng/ml
Ketamine	4.091	750347	27459.3	38.8	487.7	315057	107.533 ng/ml
Lamotrigine	4.340	65860	9328.4	85.9	65265.9	315057	115.073 ng/ml
Lorazepam	5.754	325731	13035.9	50.2	1800.9	63865	101.673 ng/ml
MDA	3.256	1112828	1738.2	23.4	62.0	308471	105.779 ng/ml
MDMA	3.348	755626	16791.1	85.1	22340.9	65862	108.826 ng/ml
Meprobamate	4.945	250158	37695.3	28.9	6035.3	96297	102.669 ng/ml

BW

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	749198	12646.8	55.6	18368.9	366168	101.376 ng/ml
Methamphetamine	3.283	369375	2088.0	43.7	1733.8	189747	108.668 ng/ml
Metoprolol	4.364	136215	413395.0	91.5	12984.9	315057	111.586 ng/ml
Mirtazapine	4.666	1089199	10967.8	46.5	6876.7	366168	114.389 ng/ml
Mitragynine	5.260	103801	1638.4	31.5	75578.9	366168	106.112 ng/ml
Morphine	1.301	48235	6051.9	19.8	4363.0	5768	110.748 ng/ml
Norbuprenorphine	5.038	928	1829.6	100.1	1589.4	4872	10.135 ng/ml
Nordiazepam	5.896	285851	400218.8	61.4	40799.7	98071	104.880 ng/ml
Norfentanyl	4.122	16244	528.8	298.9	687.0	548171	10.215 ng/ml
Noroxycodone	2.979	377477	1396.0	40.7	8392.5	118053	107.548 ng/ml
O-desmethyl-tramadol	3.425	1649052	168442.9	6.3	10256.3	863449	104.390 ng/ml
Oxazepam	5.761	503010	42958.8	73.7	5543.2	270461	106.395 ng/ml
Oxycodone	2.907	862257	12059.3	28.9	16318.7	346688	105.874 ng/ml
Oxymorphone	1.464	430355	50813.5	44.8	4459.1	154266	105.534 ng/ml
Phentermine	3.826	176797	441.2	7.6	596.8	224033	109.436 ng/ml
Promethazine	5.565	202092	3779.7	36.4	3080.7	96271	101.477 ng/ml
Quetiapine	5.557	411727	820742.9	54.6	466410.4	49224	110.531 ng/ml
Sertraline	5.786	15164	3520.9	106.5	28258.4	6529	102.508 ng/ml
Temazepam	5.818	920367	4453.5	30.7	2016.2	423583	103.756 ng/ml
Tramadol	4.283	1917378	98664.4	3.4	1017.6	907491	108.110 ng/ml
Trazodone	5.151	793676	178470.5	73.6	14368.8	332304	101.289 ng/ml
Venlafaxine	5.081	1162684	8342.0	42.2	15371.4	732706	106.348 ng/ml
Zolpidem	4.921	1941633	19101.9	32.0	8808.7	865245	105.306 ng/ml

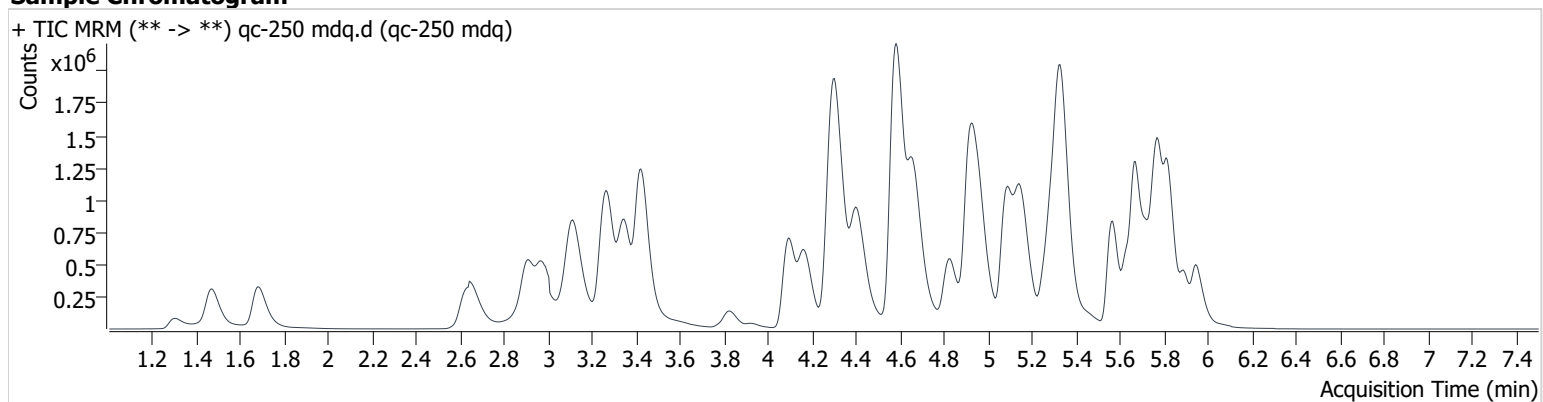
BW

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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 8/12/2020 9:45:47 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	43751	26755.1	77.4	17356.5	38950	26.643 ng/ml
7-aminoclonazepam	4.308	728145	28379.9	91.2	13532.3	118196	249.239 ng/ml
a-hydroxyalprazolam	5.707	132671	3984.9	59.6	129765.0	28536	245.807 ng/ml
alpha-PHP	4.970	1356721	43957.0	40.1	8894.9	339833	257.214 ng/ml
alpha-PVP	4.408	2060287	26820.6	49.1	2242.8	339833	249.373 ng/ml
Alprazolam	5.781	891579	624.5	115.7	27290.5	129994	259.072 ng/ml
Amphetamine	3.120	2039576	19399.1	48.4	10182.7	138557	243.662 ng/ml
Benzoylecgonine	3.925	69250	5773.0	7.7	400.1	8465	268.465 ng/ml
Buprenorphine	5.706	16876	11343.8	16.6	5035.9	24292	23.653 ng/ml
Bupropion	4.827	1276112	15692.8	65.6	11546.4	172456	247.969 ng/ml
Carisoprodol	5.731	595623	30061.6	68.6	8523.5	121553	246.010 ng/ml
Citalopram	5.266	1107935	12823.1	40.2	1030060.8	195964	249.526 ng/ml
Clonazepam	5.625	835233	75743.8	31.3	630934.4	56815	250.096 ng/ml
Cocaine	4.307	1928491	1787101.9	44.7	26933.9	569353	253.295 ng/ml
Codeine	2.659	218694	1504.1	118.0	13435.9	48896	247.780 ng/ml
Cyclobenzaprine	5.637	594583	23306.5	8.6	10069.1	79626	251.128 ng/ml
Dextromethorphan	5.305	777205	1097.7	78.5	845798.0	158810	245.169 ng/ml
Dextrorphan	4.166	577309	1296377.5	220.4	339394.7	297205	241.061 ng/ml
Diazepam	5.947	719133	13200.6	87.6	28680.1	137724	253.397 ng/ml
Dihydrocodeine	2.623	652990	24369.2	59.1	38572.1	140764	262.331 ng/ml
Diphenhydramine	5.331	3889312	311108.6	29.2	2461.1	821255	253.546 ng/ml
Doxylamine	4.579	5417455	7859.3	97.4	5203.4	865946	251.719 ng/ml
EDDP	5.299	666316	153125.6	228.1	9578.8	317185	245.710 ng/ml
Fentanyl	5.126	98235	3628.5	74.8	6323.0	203797	23.667 ng/ml
Fluoxetine	5.719	361376	545200.7	7.9	1140.7	54981	253.458 ng/ml
Hydrocodone	3.081	1005245	3457.1	37.1	1641.8	230523	256.590 ng/ml
Hydromorphone	1.682	842664	8594.9	72.4	4308.7	105901	243.983 ng/ml
Ketamine	4.091	1698745	30652.9	38.3	3282.6	298912	257.252 ng/ml
Lamotrigine	4.340	132139	10010.7	91.1	13248.9	298912	243.298 ng/ml
Lorazepam	5.754	632065	23525.2	50.5	2927.9	56815	223.027 ng/ml
MDA	3.256	2555743	7489.7	23.2	124.8	296306	252.920 ng/ml
MDMA	3.348	1740012	66011.4	85.1	33334.2	65900	250.624 ng/ml
Meprobamate	4.945	543801	291564.7	28.8	5127.1	88399	243.368 ng/ml

AM #28 Multi-Drug Quant. Results

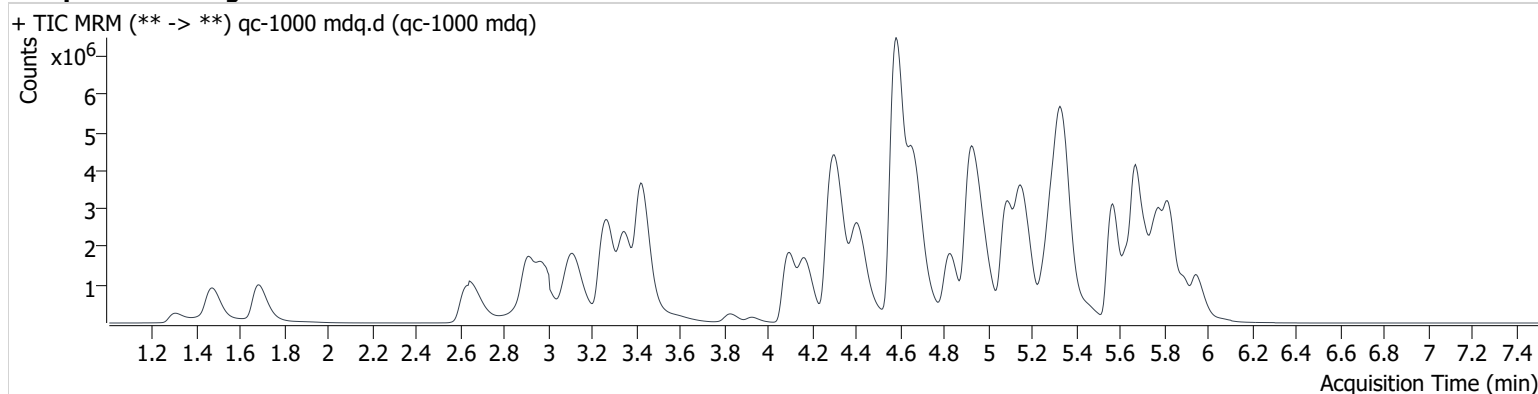
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	2135995	65749.6	54.3	74246.0	420390	251.460 ng/ml
Methamphetamine	3.283	541339	∞	42.0	1241.6	115646	267.878 ng/ml
Metoprolol	4.364	287458	465044.1	94.6	17430.3	298912	249.077 ng/ml
Mirtazapine	4.666	2742367	328835.1	47.1	36812.4	420390	250.755 ng/ml
Mitragynine	5.255	298747	6430.3	29.7	2961.4	420390	266.062 ng/ml
Morphine	1.301	121024	4431.3	21.5	12510.0	5835	275.613 ng/ml
Norbuprenorphine	5.038	2805	55.2	91.5	3662.4	4857	29.929 ng/ml
Nordiazepam	5.896	618431	187260.4	61.3	1091609.0	89982	247.469 ng/ml
Norfentanyl	4.122	38406	5804.5	295.4	5254.0	530436	25.002 ng/ml
Noroxycodone	2.979	877503	15408.6	40.1	2314.4	115503	255.021 ng/ml
O-desmethyl-tramadol	3.425	3830246	271324.8	6.3	19471.4	833950	250.932 ng/ml
Oxazepam	5.761	1021229	6357.3	73.9	1461.8	235197	248.432 ng/ml
Oxycodone	2.901	2010183	5814.1	29.5	12991.5	336893	254.051 ng/ml
Oxymorphone	1.464	1015025	63438.2	44.4	5705.2	152178	252.820 ng/ml
Phentermine	3.826	307235	1134.3	7.4	764.1	164271	258.991 ng/ml
Promethazine	5.565	961208	358323.6	37.3	6364.5	186817	248.814 ng/ml
Quetiapine	5.557	1052485	1930064.3	56.1	30639.1	56374	247.446 ng/ml
Sertraline	5.786	138975	9507.7	104.1	243869.6	24487	249.499 ng/ml
Temazepam	5.818	2032405	6286.2	30.4	3045.3	392567	247.113 ng/ml
Tramadol	4.283	4232229	421851.8	3.4	1622.5	857131	253.314 ng/ml
Trazodone	5.151	2040624	18018.3	74.7	11937.3	355912	242.305 ng/ml
Venlafaxine	5.081	2738536	429582.7	41.9	2880.1	686717	266.400 ng/ml
Zolpidem	4.916	4508314	22066.6	31.3	10759.6	836437	252.863 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 9:56:35 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	164392	11280.4	75.6	2885.4	38368	101.775 ng/ml
7-aminoclonazepam	4.313	1388633	12086.0	89.0	25124.1	61146	918.799 ng/ml
a-hydroxyalprazolam	5.702	276585	1979.9	61.1	2441.3	14390	1015.005 ng/ml
alpha-PHP	4.975	4347083	194101.6	39.7	27973.5	261352	1071.957 ng/ml
alpha-PVP	4.408	6573540	639577.3	50.3	56093.8	261352	1034.834 ng/ml
Alprazolam	5.781	2424416	12577.2	110.3	3621.4	82503	1108.531 ng/ml
Amphetamine	3.120	3823328	25135.5	48.6	25332.9	70308	899.887 ng/ml
Benzoyllecgonine	3.925	323505	6685.2	7.6	816.4	7920	1340.734 ng/ml OCR
Buprenorphine	5.712	59784	39381.8	16.1	23162.6	18883	105.599 ng/ml
Bupropion	4.827	4331572	12556.4	64.6	299722.8	142295	1019.771 ng/ml
Carisoprodol	5.731	1398197	75444.5	65.2	18219.6	69887	1004.559 ng/ml
Citalopram	5.261	3178287	11165.6	41.5	2230.1	141242	992.400 ng/ml
Clonazepam	5.625	1888145	89874.5	31.9	1444999.1	35164	915.147 ng/ml
Cocaine	4.312	5525439	718763.0	44.6	65890.5	377772	1094.502 ng/ml
Codeine	2.659	714970	2237.5	121.4	5130.3	39252	1008.500 ng/ml
Cyclobenzaprine	5.637	2512202	1621771.0	8.6	130754.2	80683	1047.815 ng/ml
Dextromethorphan	5.305	2245700	160317.7	77.8	1404535.6	109679	1024.653 ng/ml
Dextrophan	4.166	1874683	5647574.0	222.8	502081.7	238011	977.653 ng/ml
Diazepam	5.947	2256539	11775.0	86.0	99031.4	107969	1014.977 ng/ml
Dihydrocodeine	2.623	2261980	83534.1	62.3	59119.8	130640	979.386 ng/ml
Diphenhydramine	5.342	12491099	9346.3	30.1	25261.7	643449	1039.615 ng/ml
Doxylamine	4.579	19907705	15342.5	96.2	1357960.2	762292	1050.691 ng/ml
EDDP	5.299	3025576	301506.8	231.6	410482.8	346651	1021.291 ng/ml
Fentanyl	5.131	431533	17783.9	77.0	6746.4	210132	99.988 ng/ml
Fluoxetine	5.719	1353496	819465.0	7.8	286252.8	51408	1018.076 ng/ml
Hydrocodone	3.081	2839410	4038.2	45.9 High	2346.6	204349	818.337 ng/ml OCR
Hydromorphone	1.682	2885430	32128.2	73.4	41527.1	90391	977.919 ng/ml
Ketamine	4.091	5780747	78659.4	38.1	30399.6	265045	988.612 ng/ml
Lamotrigine	4.350	282423	13566.6	97.5	8690.9	265045	586.382 ng/ml OCR
Lorazepam	5.749	927540	36553.1	51.6	9093.3	35164	530.255 ng/ml OCR
MDA	3.262	7689422	109902.1	24.3	51387.7	228974	984.747 ng/ml
MDMA	3.348	5513950	93789.9	84.6	129149.4	53898	971.423 ng/ml
Meprobamate	4.950	1263620	2275217.0	27.9	4448.9	51360	973.882 ng/ml

BW

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	8680151	12515.1	50.4	12332.9	393401	1091.327 ng/ml
Methamphetamine	3.283	707410	∞	42.8	1201.3	40430	1014.105 ng/ml
Metoprolol	4.364	750071	840840.7	94.6	15776.0	265045	734.357 ng/ml <small>OCR</small>
Mirtazapine	4.666	10499297	767280.6	45.1	56807.4	393401	1025.620 ng/ml
Mitragynine	5.255	1014774	559.7	35.9	2779.7	393401	965.850 ng/ml
Morphine	1.301	390853	6341.2	20.3	9940.0	5029	1034.598 ng/ml
Norbuprenorphine	5.038	10244	23239.7	96.9	6471.5	4729	111.179 ng/ml
Nordiazepam	5.896	1792231	2329151.5	61.2	8882.5	64045	1007.997 ng/ml
Norfentanyl	4.127	116734	765.2	289.1	9586.7	377877	106.771 ng/ml
Noroxycodone	2.984	2626979	23138.9	40.3	5425.2	89708	981.920 ng/ml
O-desmethyl-tramadol	3.425	14312868	54582.6	6.2	9754.7	723513	1080.549 ng/ml
Oxazepam	5.756	1998455	24092.9	74.2	53756.2	115787	987.613 ng/ml
Oxycodone	2.907	7591640	68821.6	29.4	27713.0	324769	995.363 ng/ml
Oxymorphone	1.469	3640119	26406.4	44.5	5890.6	141272	977.683 ng/ml
Phentermine	3.826	635380	5918.4	7.3	1700.0	83185	1056.875 ng/ml
Promethazine	5.570	4925227	1056887.2	36.2	155004.6	226144	1053.411 ng/ml
Quetiapine	5.552	3538718	978756.5	58.4	2429759.3	51143	918.686 ng/ml
Sertraline	5.781	511712	706497.0	102.3	1154057.1	21262	1055.829 ng/ml
Temazepam	5.823	6074983	198144.2	30.5	10748.3	278915	1039.360 ng/ml
Tramadol	4.278	12350209	1012141.1	3.5	3019.4	722173	878.563 ng/ml
Trazodone	5.151	7240965	13950.6	75.9	79827.4	282947	1079.431 ng/ml
Venlafaxine	5.081	9902583	1622830.1	40.1	13467.8	557829	1183.911 ng/ml
Zolpidem	4.916	15242818	81317.6	29.4	26442.6	710276	1006.651 ng/ml

OCR- Outside Curve range

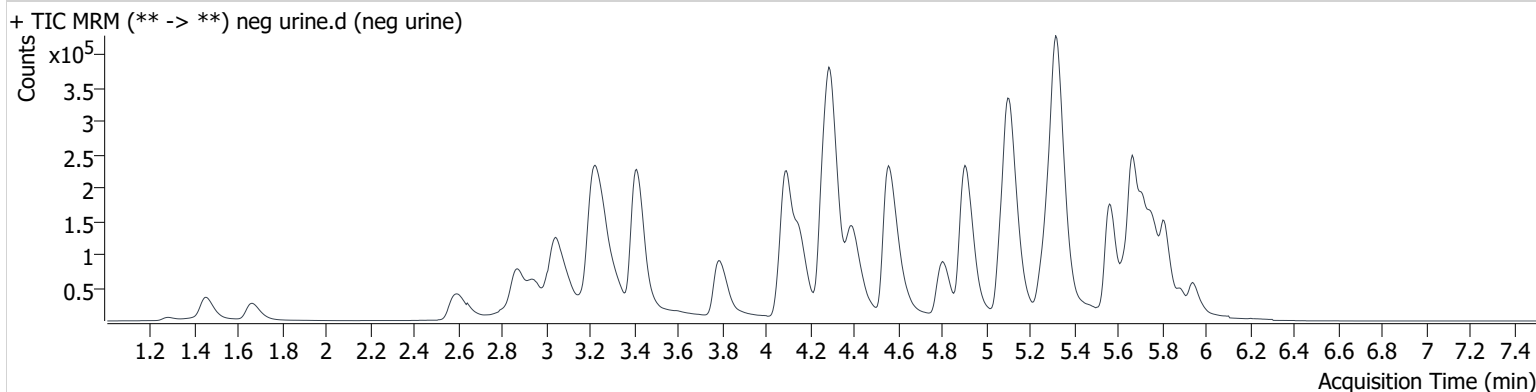
BW

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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-A5	Comment	
Injection Volume	2		
Acq. Date-Time	8/13/2020 2:36:59 AM		

Sample Chromatogram



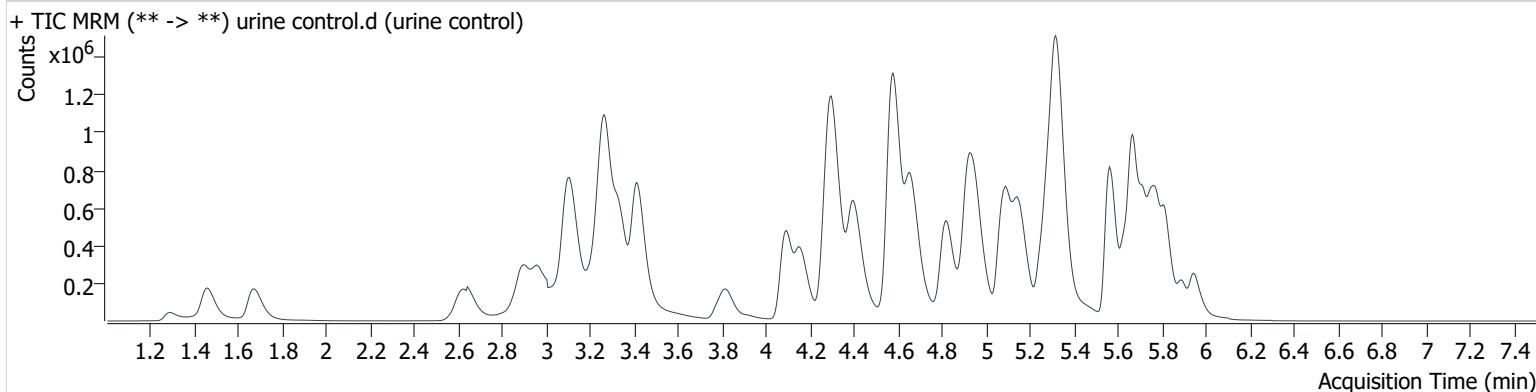
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.273	109967	257.1	41.9	115.4	747249	3.891 ng/ml <5

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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-E2	Comment	
Injection Volume	2		
Acq. Date-Time	8/13/2020 2:47:46 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.182	18968	1301.9	75.8	254.5	41732	10.750 ng/ml
7-aminoclonazepam	4.302	372379	33414.4	96.1	11001.4	148269	101.608 ng/ml
a-hydroxyalprazolam	5.702	53493	1612.2	56.9	1248.1	26713	106.085 ng/ml
alpha-PHP	4.965	785671	19380.5	39.3	6081.1	495453	102.103 ng/ml
alpha-PVP	4.402	1265423	29653.8	48.9	11560.7	495453	105.008 ng/ml
Alprazolam	5.776	324477	1185.0	116.1	2087.1	117235	104.813 ng/ml
Amphetamine	3.105	2211007	10119.4	47.6	20170.4	338665	108.121 ng/ml
Benzoylcegonine	3.915	28113	2273.2	7.0	2676.6	10041	91.845 ng/ml
Buprenorphine	5.717	11593	1335.4	15.2	754.8	39569	10.332 ng/ml
Bupropion	4.821	1197154	15457.4	65.8	7226.6	381617	105.188 ng/ml
Carisoprodol	5.726	231717	6104.0	69.6	4238.9	111701	104.123 ng/ml
Citalopram	5.256	704854	8712.7	39.6	103419.9	305151	102.089 ng/ml
Clonazepam	5.625	292479	10623.5	31.5	2454.9	49410	100.326 ng/ml
Cocaine	4.302	968738	7777561.0	44.6	11482.6	681795	106.126 ng/ml
Codeine	2.644	98651	508.9	121.1	13292.0	54270	100.814 ng/ml
Cyclobenzaprine	5.637	695728	1673947.9	8.9	3188.9	219234	106.608 ng/ml
Dextromethorphan	5.300	533579	1404.5	78.3	44026.0	256484	104.414 ng/ml
Dextrophan	4.161	287540	302732.9	220.1	127607.3	336537	106.000 ng/ml
Diazepam	5.947	311829	7044.1	87.0	9048.1	142202	106.276 ng/ml
Dihydrocodeine	2.613	301605	33058.8	59.1	6776.5	159516	106.870 ng/ml
Diphenhydramine	5.326	2292165	66368.0	29.2	21688.7	1147497	106.888 ng/ml
Doxylamine	4.574	2847368	236453.1	98.2	397316.4	1103115	103.873 ng/ml
EDDP	5.294	443617	10461.3	225.5	40449.8	496500	104.430 ng/ml
Fentanyl	5.121	80141	2529.1	72.8	6656.5	376457	10.597 ng/ml
Fluoxetine	5.714	638951	26546.5	7.3	92258.3	224298	109.322 ng/ml
Hydrocodone	3.076	448834	2839.8	37.3	4256.2	251085	104.983 ng/ml
Hydromorphone	1.672	398809	7430.9	73.4	28744.4	118120	103.693 ng/ml
Ketamine	4.086	838397	46968.5	38.7	4322.5	339576	111.494 ng/ml
Lamotrigine	4.329	67688	2538.5	83.8	78726.9	339576	109.731 ng/ml
Lorazepam	5.749	236807	3309.6	49.9	657.3	49410	95.477 ng/ml
MDA	3.246	1264356	9093.4	25.0	1657.2	340009	109.035 ng/ml
MDMA	3.338	908291	512.5	81.8	847.0	76294	112.932 ng/ml
Meprobamate	4.940	223142	4759.6	29.8	4896.0	82205	107.289 ng/ml

BW

AM #28 Multi-Drug Quant. Results

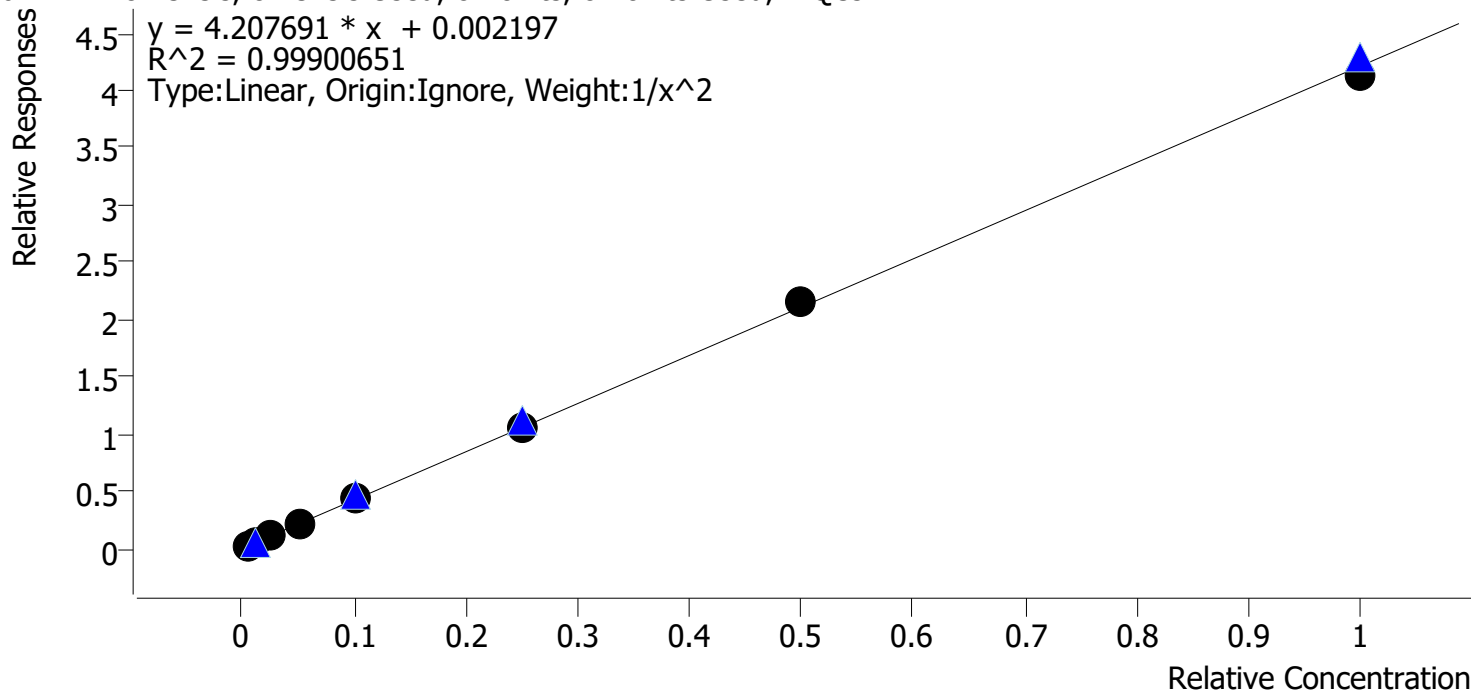
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.667	1353306	13142.1	53.7	29246.8	627292	106.882 ng/ml
Methamphetamine	3.273	1665040	∞	40.4	4733.2	736880	126.888 ng/ml
Metoprolol	4.359	144602	20269.4	92.3	15990.0	339576	109.893 ng/ml
Mirtazapine	4.661	1708845	12401.1	47.2	42722.2	627292	104.766 ng/ml
Mitragynine	5.250	262252	891022.0	31.6	244332.9	627292	156.509 ng/ml
Morphine	1.286	56156	14051.3	21.2	2207.5	7929	93.687 ng/ml
Norbuprenorphine	5.027	1620	3232.3	107.5	4062.6	8131	10.583 ng/ml
Nordiazepam	5.896	262411	294078.0	62.8	145860.2	88961	106.140 ng/ml
Norfentanyl	4.117	18880	1398.5	296.7	566.1	655665	9.926 ng/ml
Noroxycodone	2.964	436502	6305.2	40.6	8327.1	122140	120.160 ng/ml
O-desmethyl-tramadol	3.414	1737174	720605.7	6.2	7659.3	918087	103.424 ng/ml
Oxazepam	5.756	371934	7740.7	71.8	681.5	207208	102.684 ng/ml
Oxycodone	2.891	993531	13508.3	29.2	5589.8	397593	106.374 ng/ml
Oxymorphone	1.454	503000	13831.0	44.4	9545.7	179156	106.214 ng/ml
Phentermine	3.821	306975	1153.1	7.7	1076.8	391457	108.748 ng/ml
Promethazine	5.565	1170385	291578.9	37.5	23083.4	552819	102.344 ng/ml
Quetiapine	5.552	566498	243935.3	55.8	486106.8	69049	108.404 ng/ml
Sertraline	5.781	183562	8597.0	104.8	324214.7	78874	102.708 ng/ml
Temazepam	5.818	712643	31143.6	31.4	930.1	330450	102.981 ng/ml
Tramadol	4.278	2077504	255307.3	3.3	583.4	984565	107.968 ng/ml
Trazodone	5.151	1047622	16745.7	73.7	12072.3	464246	95.733 ng/ml
Venlafaxine	5.076	1347541	163667.2	41.4	4812.1	777722	116.069 ng/ml
Zolpidem	4.921	2026140	15569.1	32.0	9360.6	911995	104.256 ng/ml

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte 6-MAM *BW*

Internal Standard 6-MAM-D6

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



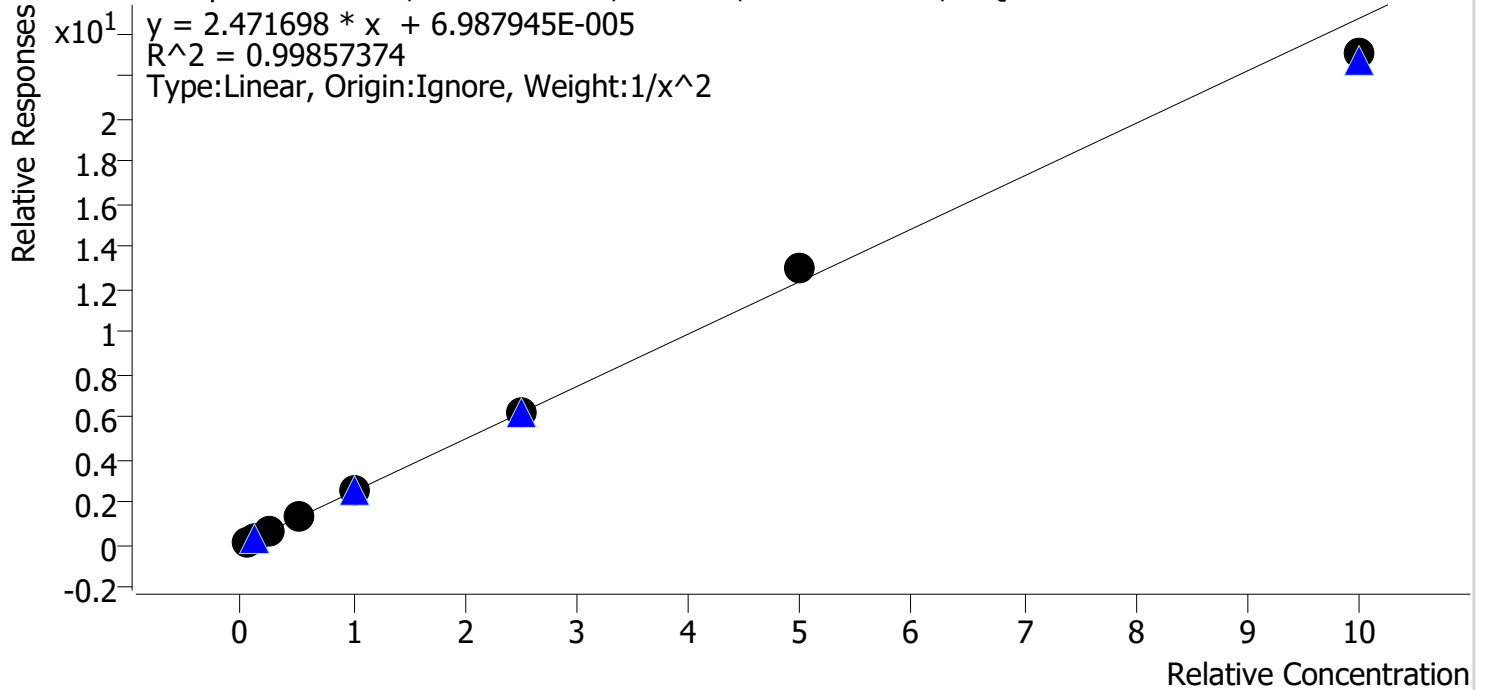
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	99.8
cal 2 mdq	2	✓	1.0	1.0	101.9
cal 3 mdq	3	✓	2.5	2.4	96.4
cal 4 mdq	4	✓	5.0	4.8	96.8
cal 5 mdq	5	✓	10.0	10.4	104.0
cal 6 mdq	6	✓	25.0	25.2	100.6
cal 7 mdq	7	✓	50.0	51.1	102.3
cal 8 mdq	8	✓	100.0	98.2	98.2

Compound Calibration Report

Batch results	D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin		
Last Cal. Update	8/13/2020 7:00 AM		
Analyst Name	ISP\datastor		
Analyte	7-aminoclonazepam	Internal Standard	7-Aminoclonazepam-D4

BW

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

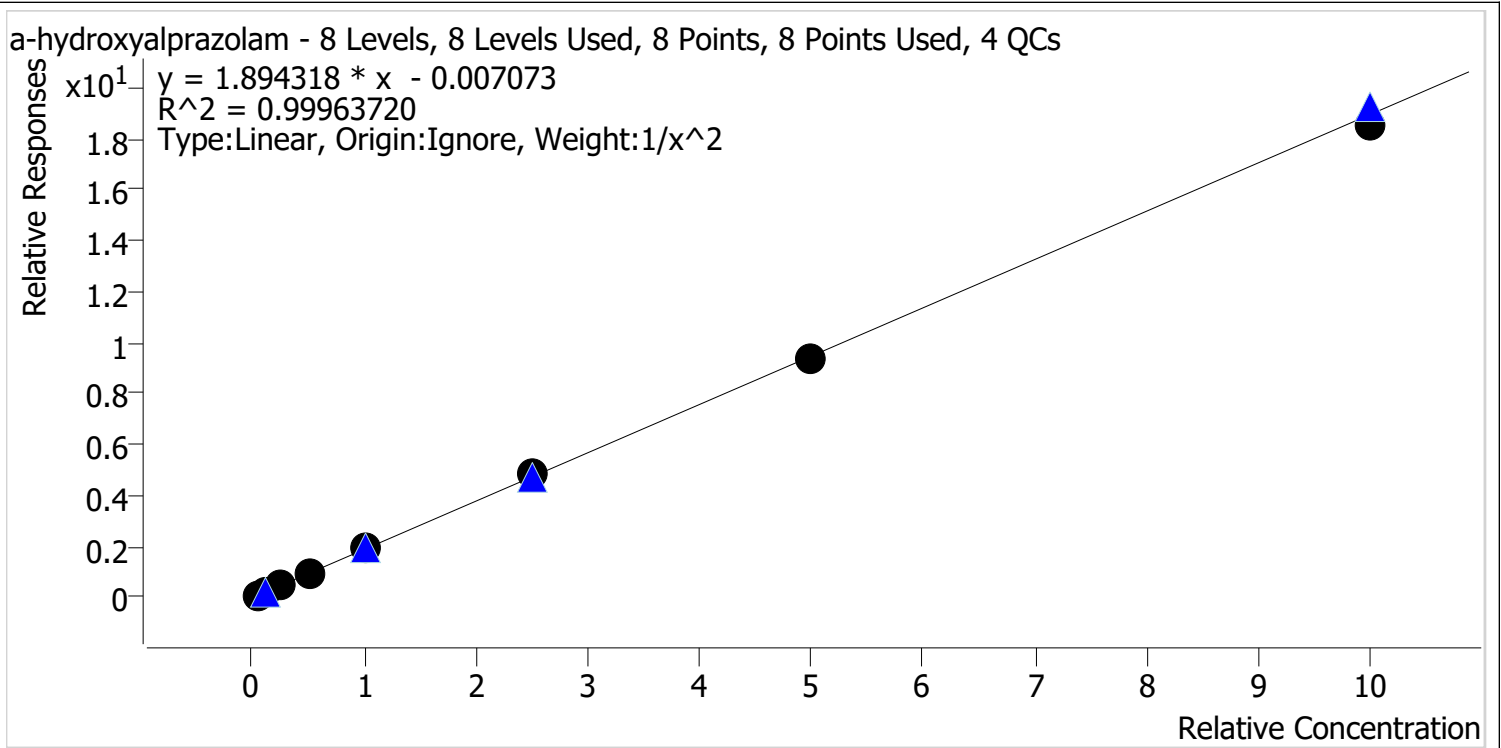


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	249.3	99.7
cal 7 mdq	7	✓	500.0	526.0	105.2
cal 8 mdq	8	✓	1000.0	933.0	93.3

Compound Calibration Report

Batch results	D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin		
Last Cal. Update	8/13/2020 7:00 AM		
Analyst Name	ISP\datastor		
Analyte	a-hydroxyalprazolam	Internal Standard	a-hydroxyalprazolam-D5

BW



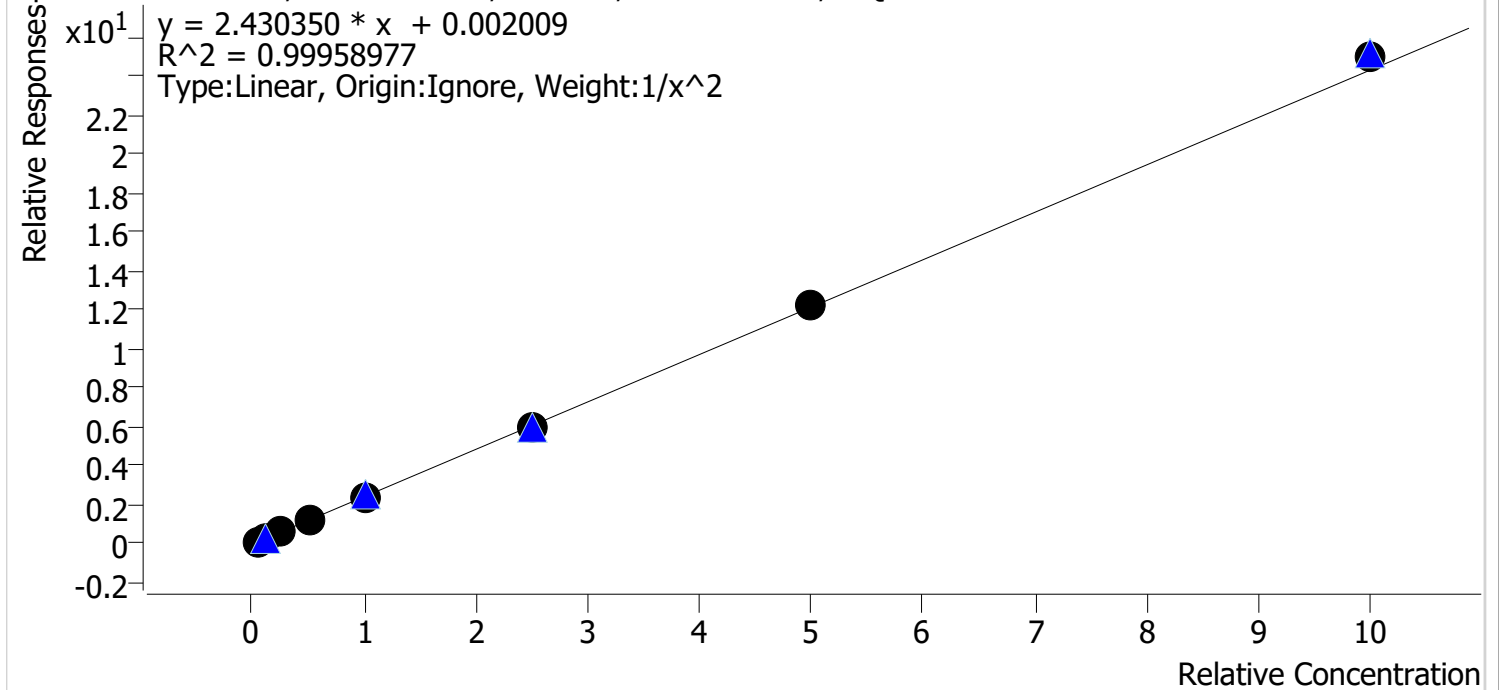
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.2	102.3
cal 3 mdq	3	✓	25.0	25.1	100.5
cal 4 mdq	4	✓	50.0	49.6	99.1
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	253.4	101.4
cal 7 mdq	7	✓	500.0	492.8	98.6
cal 8 mdq	8	✓	1000.0	978.1	97.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte alpha-PVP *BW*

Internal Standard alpha-PVP-d8

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



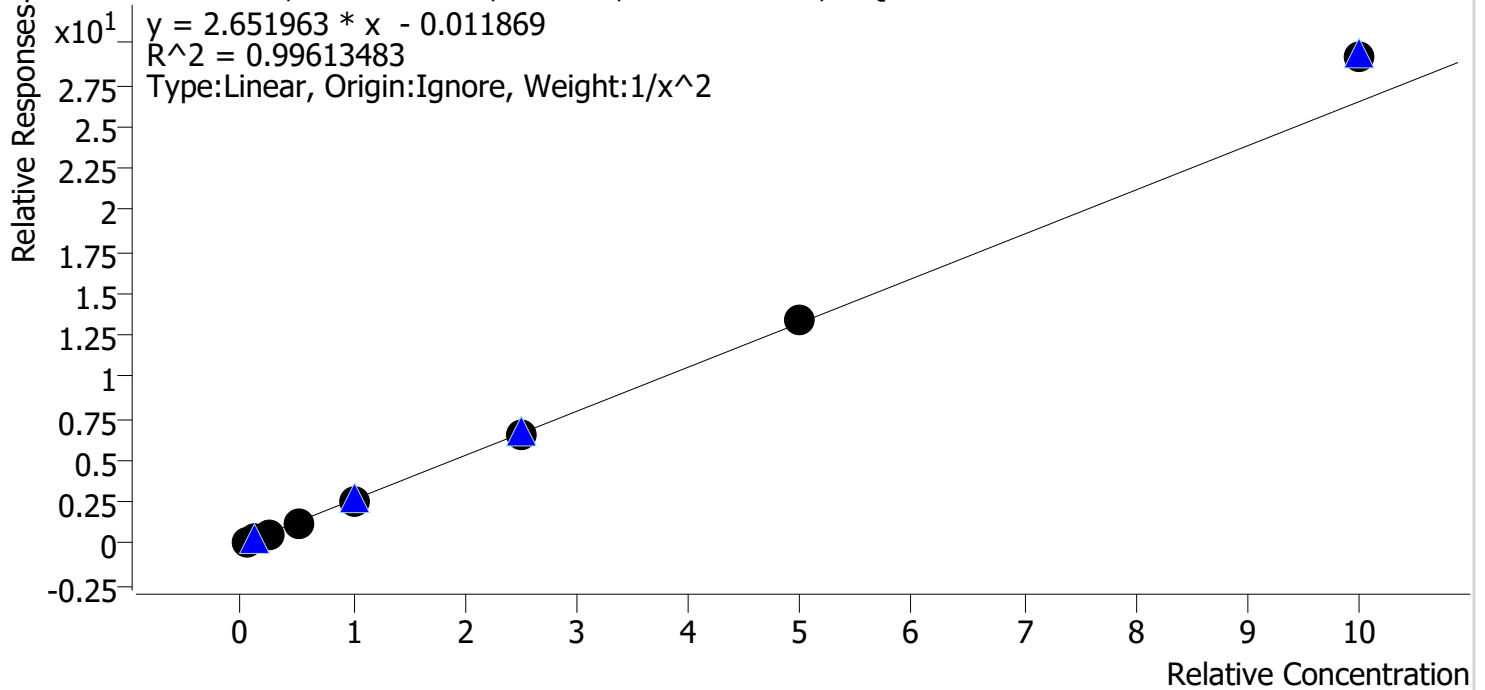
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.3
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	50.2	100.4
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	247.0	98.8
cal 7 mdq	7	✓	500.0	503.7	100.7
cal 8 mdq	8	✓	1000.0	1031.7	103.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\lam 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

BW

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



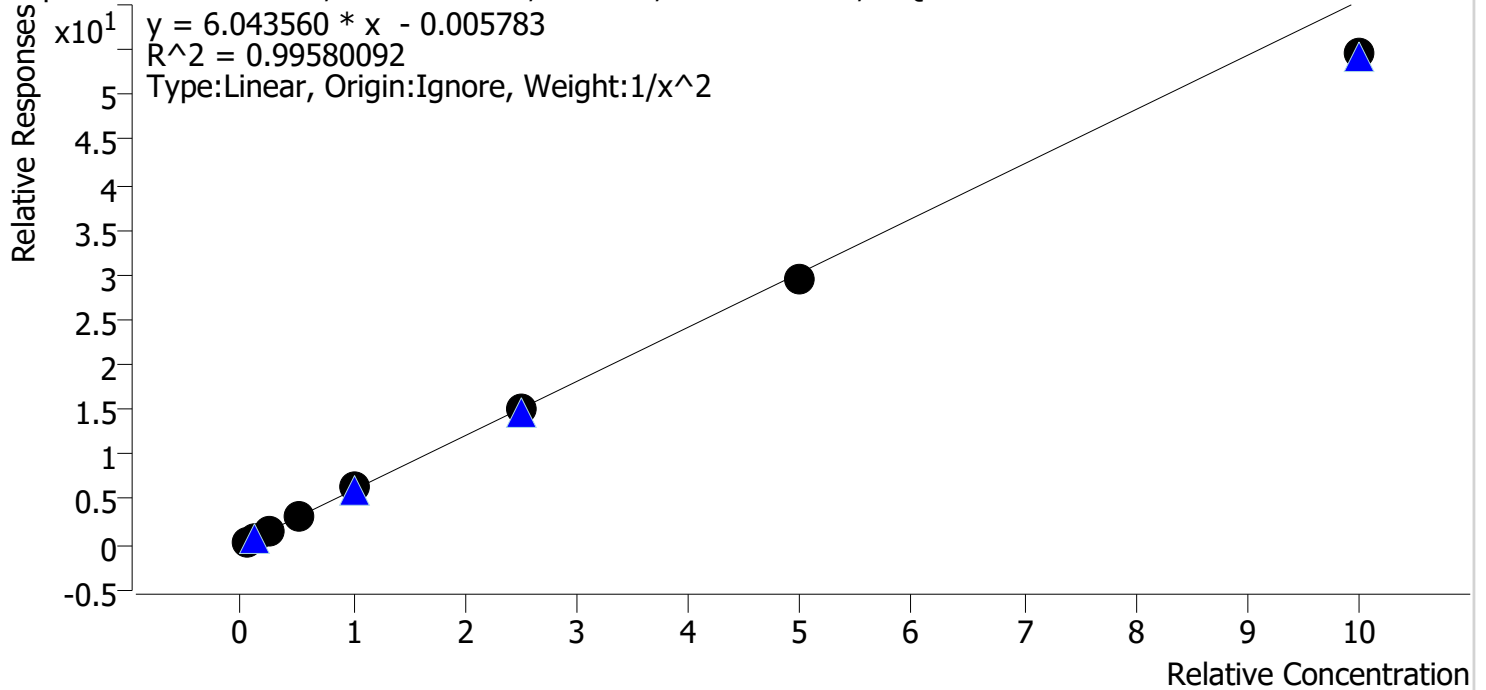
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	22.9	91.5
cal 4 mdq	4	✓	50.0	49.0	97.9
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	246.8	98.7
cal 7 mdq	7	✓	500.0	508.6	101.7
cal 8 mdq	8	✓	1000.0	1103.7	110.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Amphetamine *BW*

Internal Standard Amphetamine-D11

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



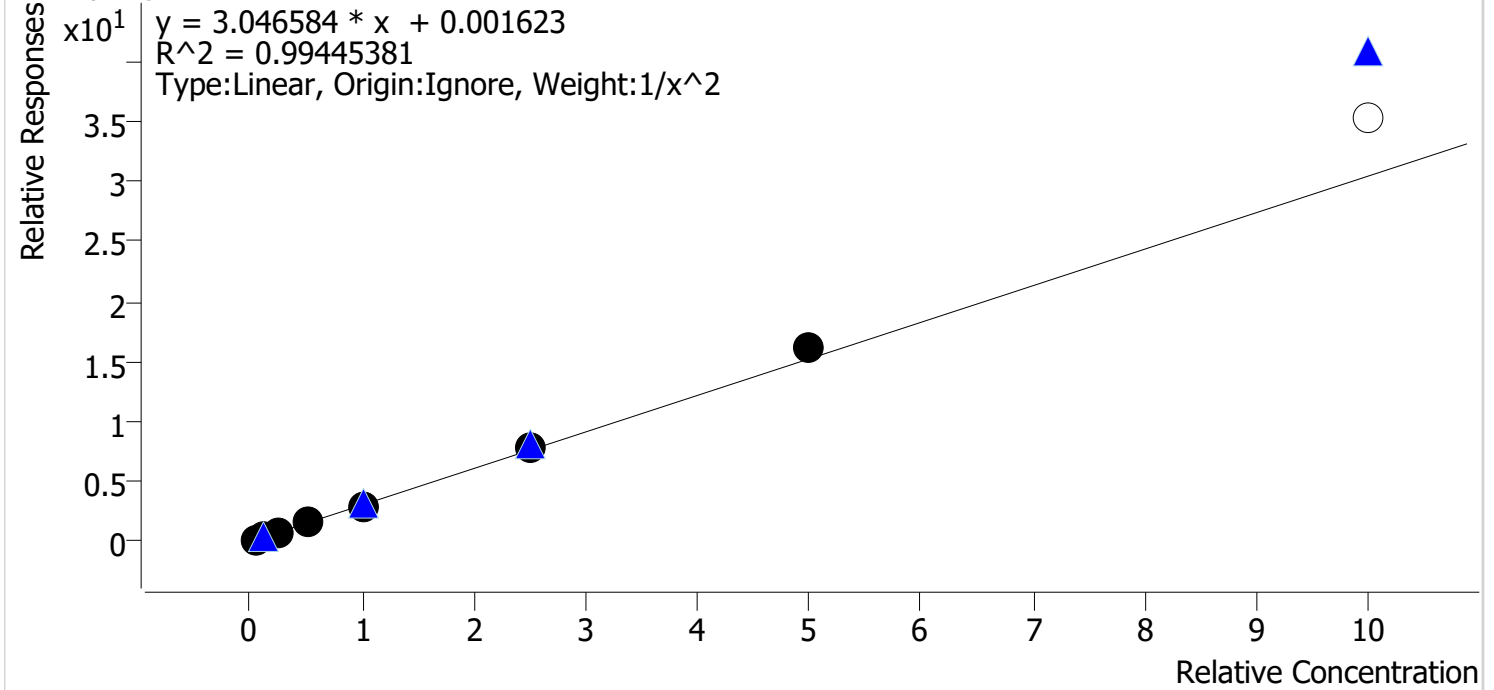
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.4	94.4
cal 3 mdq	3	✓	25.0	26.4	105.5
cal 4 mdq	4	✓	50.0	53.4	106.8
cal 5 mdq	5	✓	100.0	103.7	103.7
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	488.4	97.7
cal 8 mdq	8	✓	1000.0	903.2	90.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

BW

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



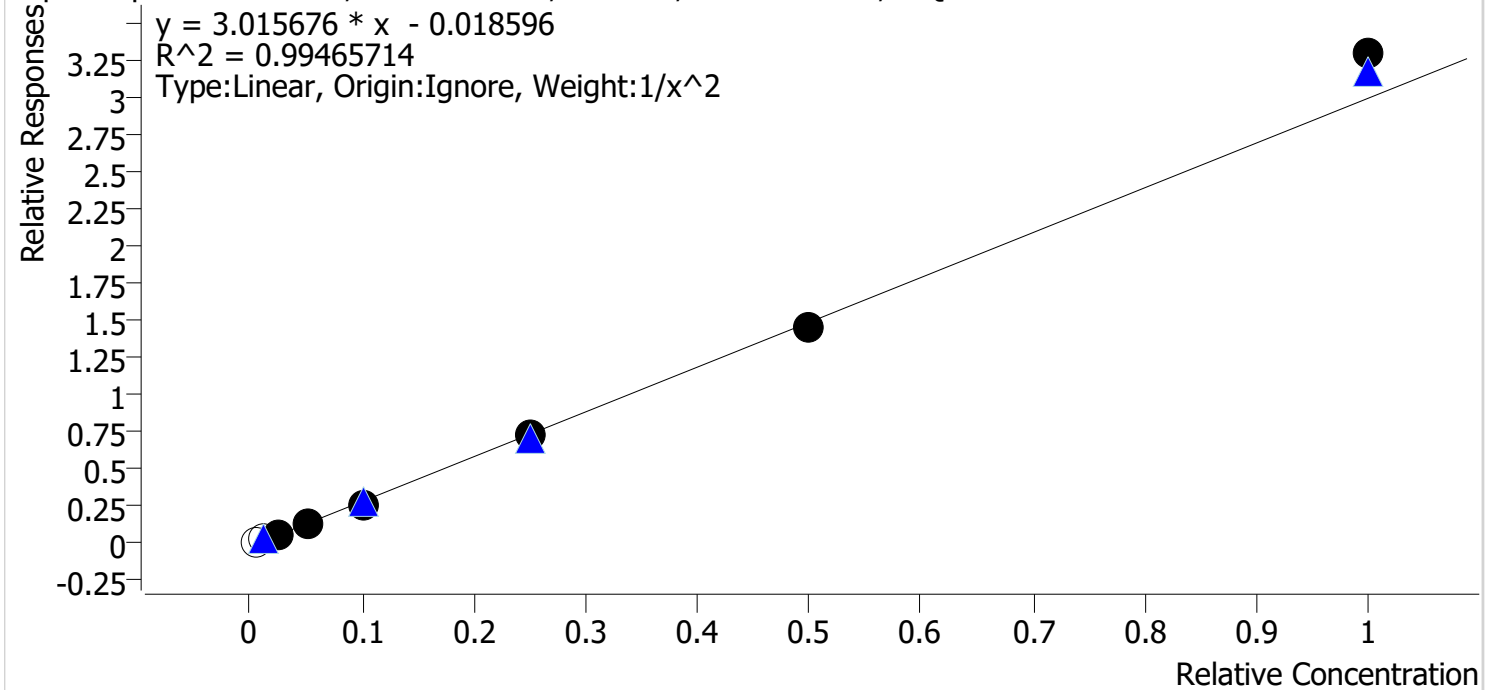
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	10.2	101.7
cal 3 mdq	3	✓	25.0	22.0	87.9
cal 4 mdq	4	✓	50.0	52.7	105.3
cal 5 mdq	5	✓	100.0	95.3	95.3
cal 6 mdq	6	✓	250.0	258.1	103.2
cal 7 mdq	7	✓	500.0	526.7	105.3
cal 8 mdq	8	x	1000.0	1155.3	115.5

Compound Calibration Report

Batch results	D:\MassHunter\Data\2020 Data\lam 27-28 8-12-20\QuantResults\mdq.batch.bin		
Last Cal. Update	8/13/2020 7:00 AM		
Analyst Name	ISP\datastor		
Analyte	Buprenorphine	Internal Standard	Buprenorphine-D4

BW

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	1.0	202.9
cal 2 mdq	2	x	1.0	1.5	151.7
cal 3 mdq	3	✓	2.5	2.6	103.3
cal 4 mdq	4	✓	5.0	4.8	96.7
cal 5 mdq	5	✓	10.0	9.3	93.2
cal 6 mdq	6	✓	25.0	24.6	98.3
cal 7 mdq	7	✓	50.0	49.2	98.4
cal 8 mdq	8	✓	100.0	110.0	110.0

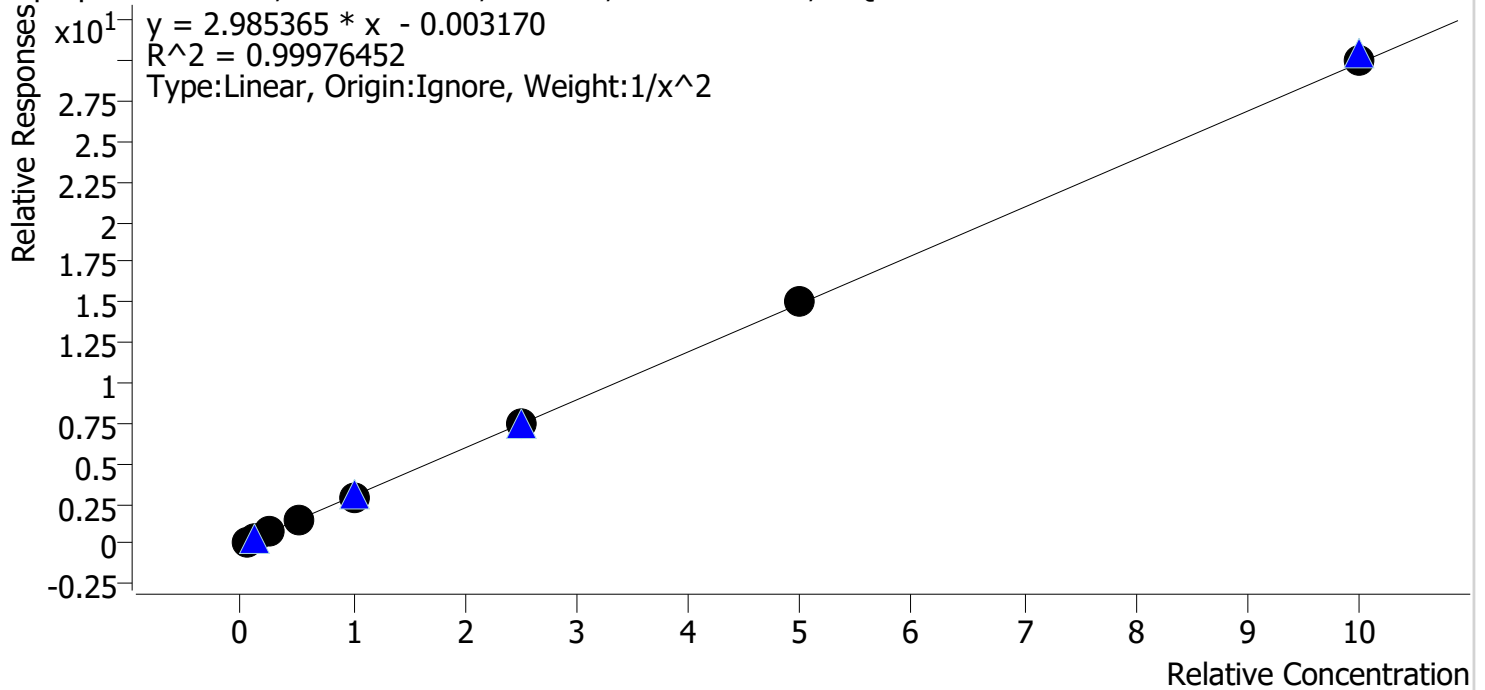
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Bupropion

BW

Internal Standard Bupropion-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.9	99.3
cal 3 mdq	3	✓	25.0	24.3	97.1
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	99.6	99.6
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	504.8	101.0
cal 8 mdq	8	✓	1000.0	1006.9	100.7

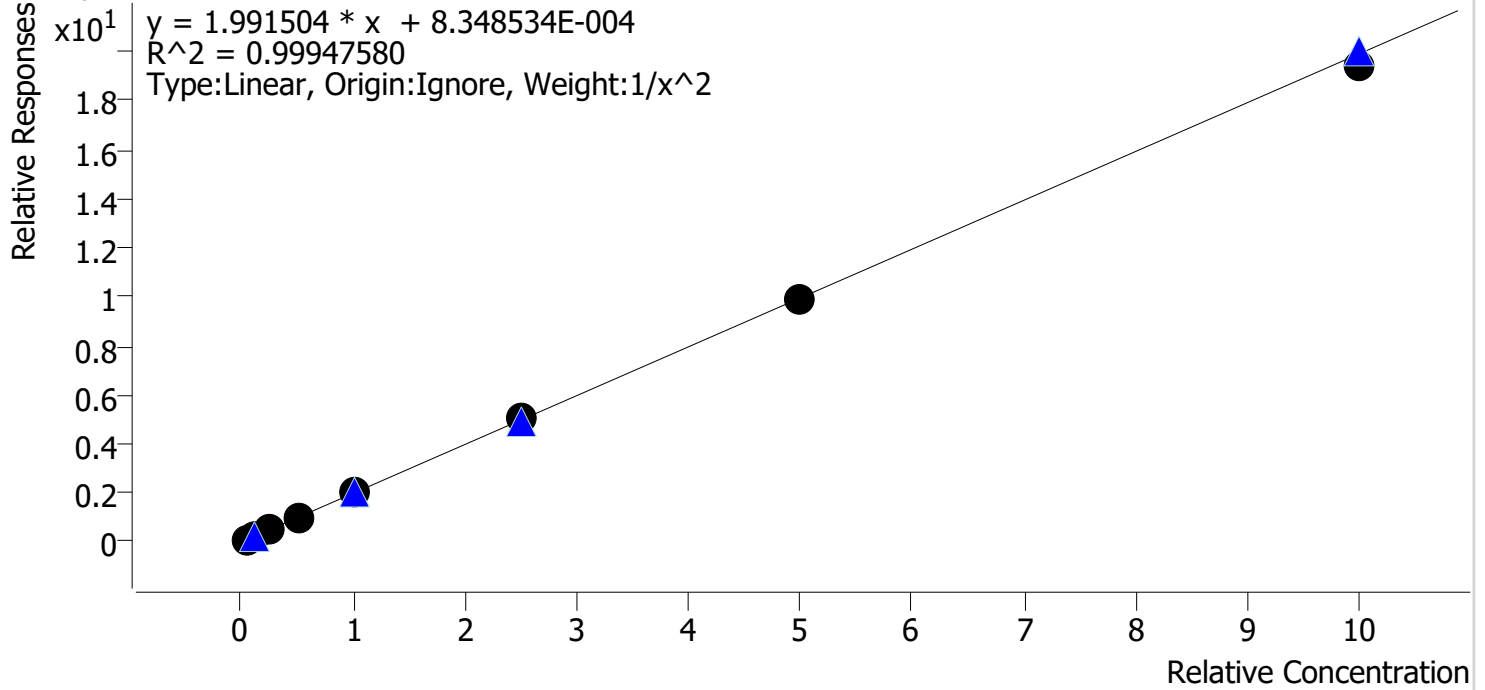
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

BW

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	4.9	98.3
cal 2 mdq	2	✓	10.0	10.3	103.1
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	51.1	102.2
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	252.6	101.0
cal 7 mdq	7	✓	500.0	495.9	99.2
cal 8 mdq	8	✓	1000.0	972.5	97.3

Compound Calibration Report

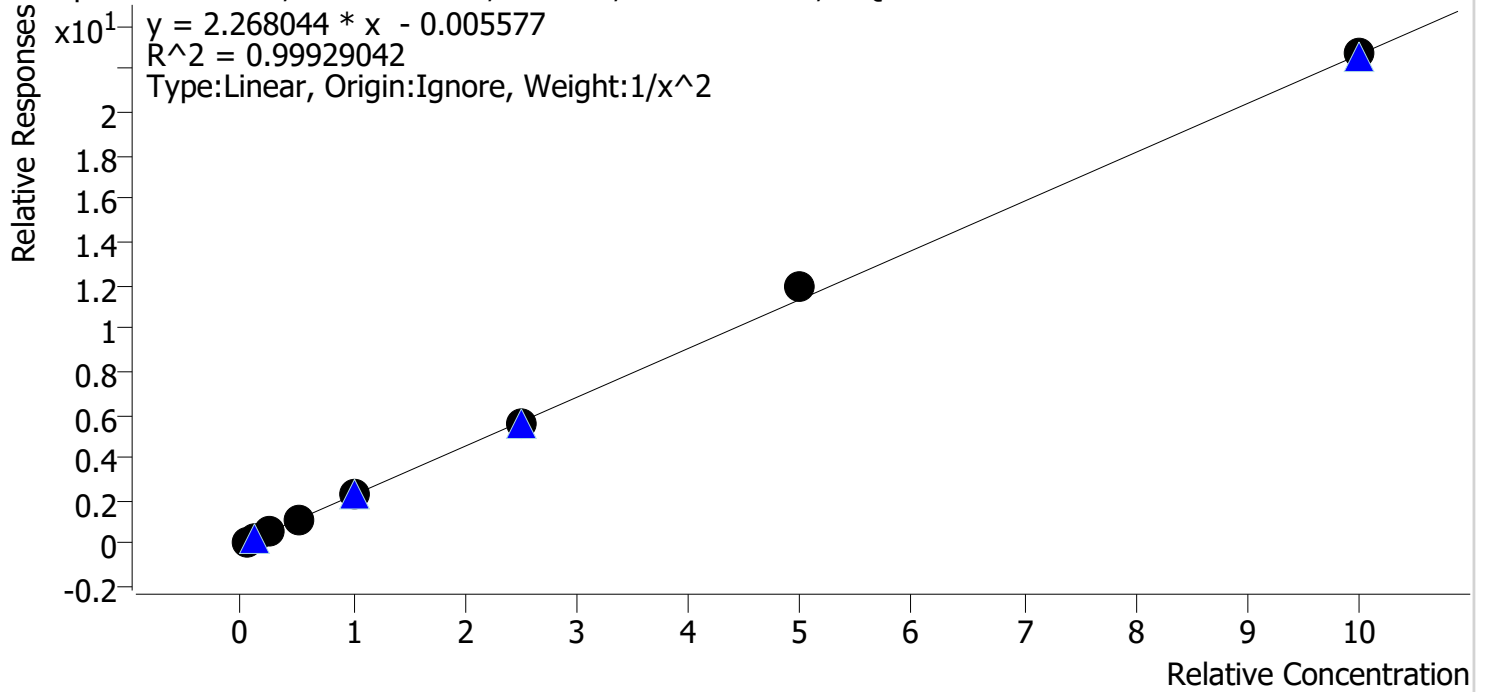
Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Citalopram

BW

Internal Standard

Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.2
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.3	97.2
cal 4 mdq	4	✓	50.0	50.6	101.2
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	522.5	104.5
cal 8 mdq	8	✓	1000.0	1002.0	100.2

Compound Calibration Report

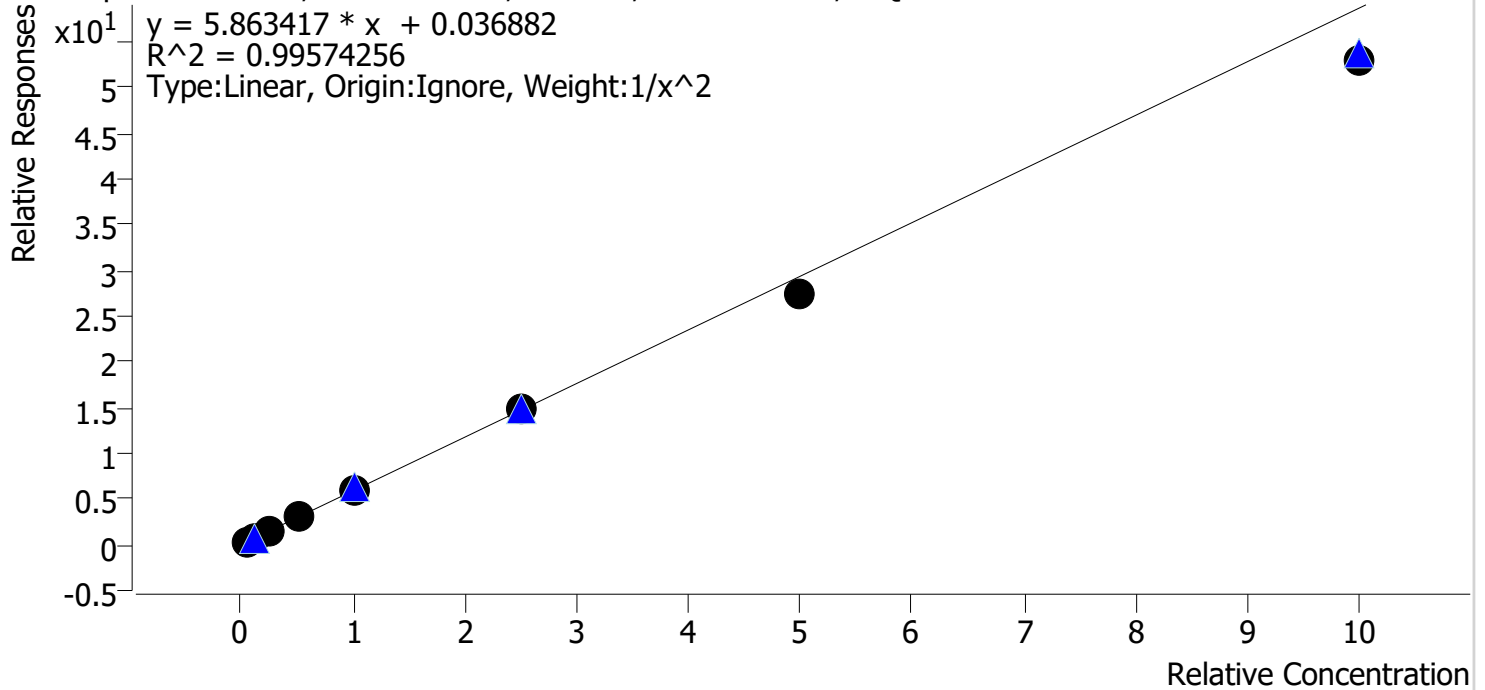
Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Clonazepam

BW

Internal Standard

Clonazepam-D4

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



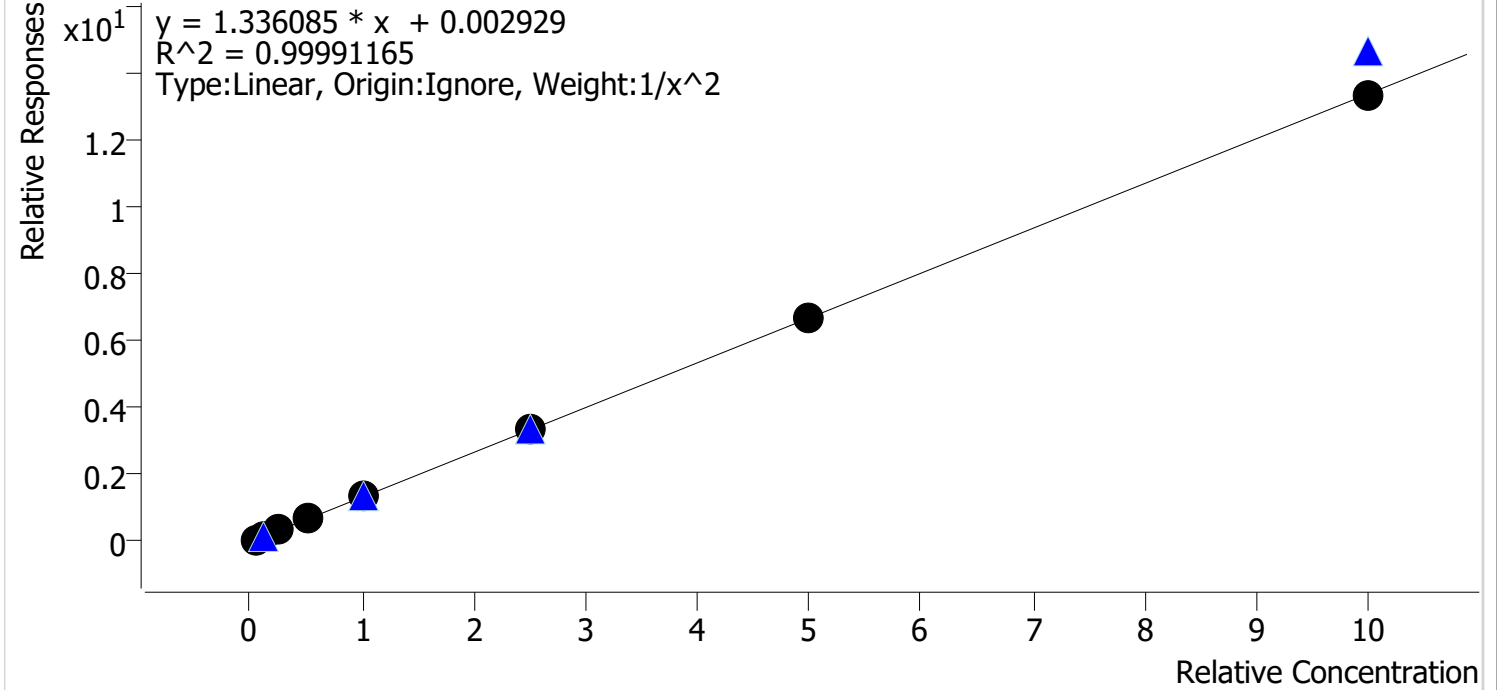
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.4
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	26.0	103.9
cal 4 mdq	4	✓	50.0	53.5	107.0
cal 5 mdq	5	✓	100.0	103.7	103.7
cal 6 mdq	6	✓	250.0	254.7	101.9
cal 7 mdq	7	✓	500.0	469.6	93.9
cal 8 mdq	8	✓	1000.0	901.8	90.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

BW

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



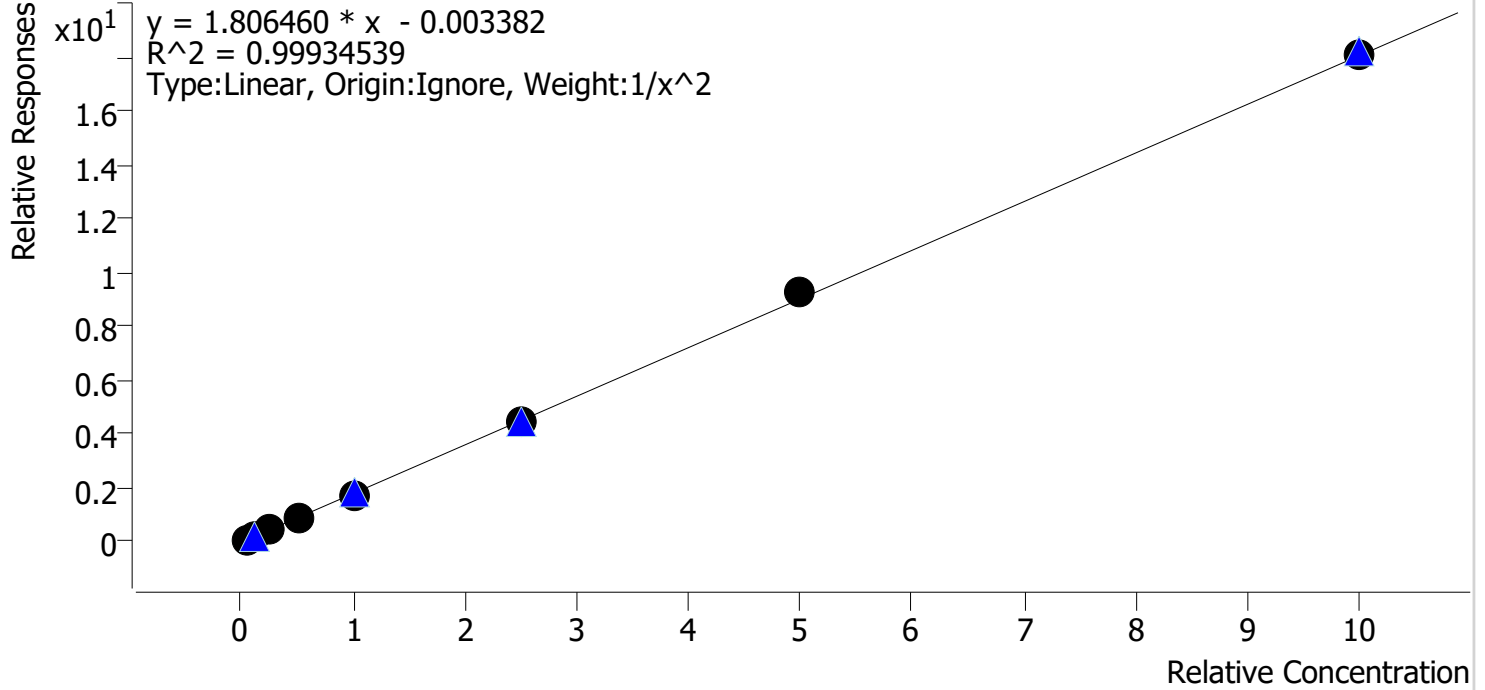
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	10.0	100.3
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	50.7	101.3
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	250.9	100.4
cal 7 mdq	7	✓	500.0	497.6	99.5
cal 8 mdq	8	✓	1000.0	1000.1	100.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

BW

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



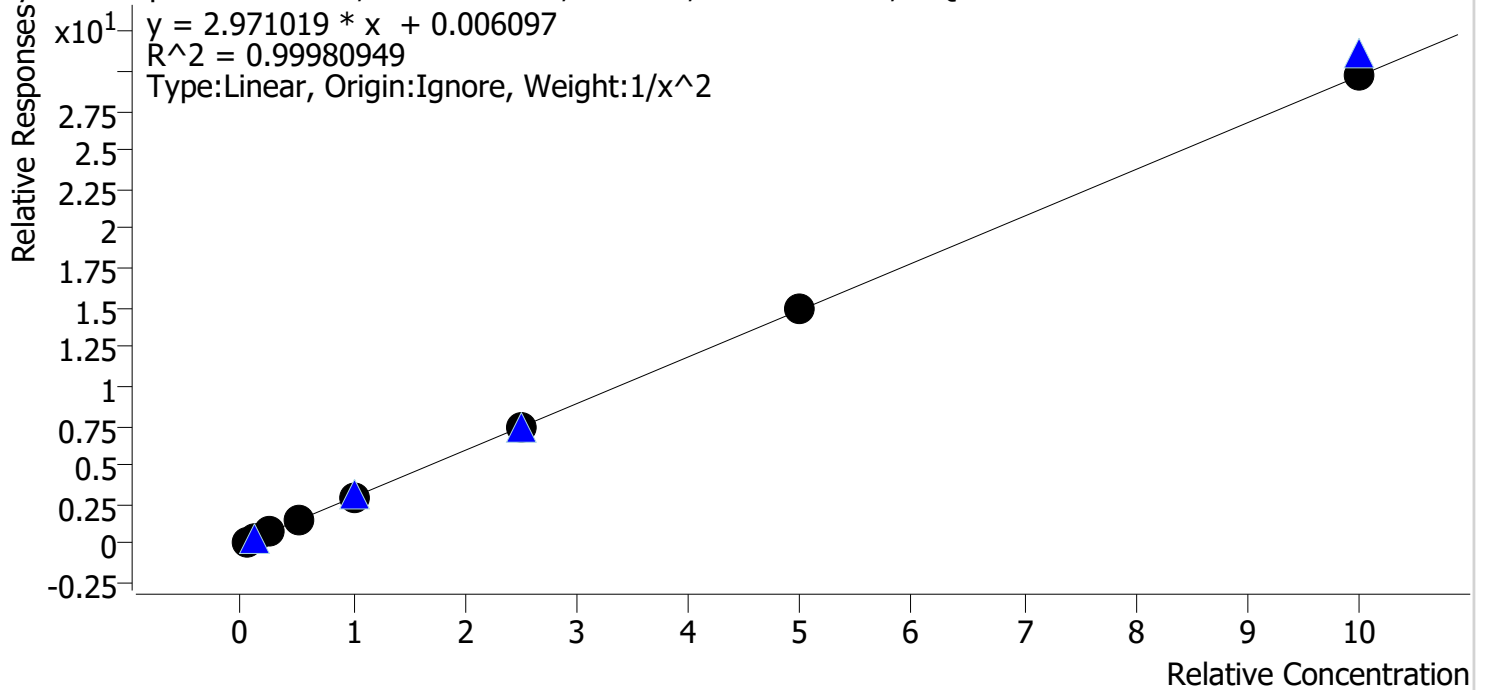
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.6	95.8
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	50.3	100.6
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	248.5	99.4
cal 7 mdq	7	✓	500.0	511.7	102.3
cal 8 mdq	8	✓	1000.0	1000.9	100.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

BW

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



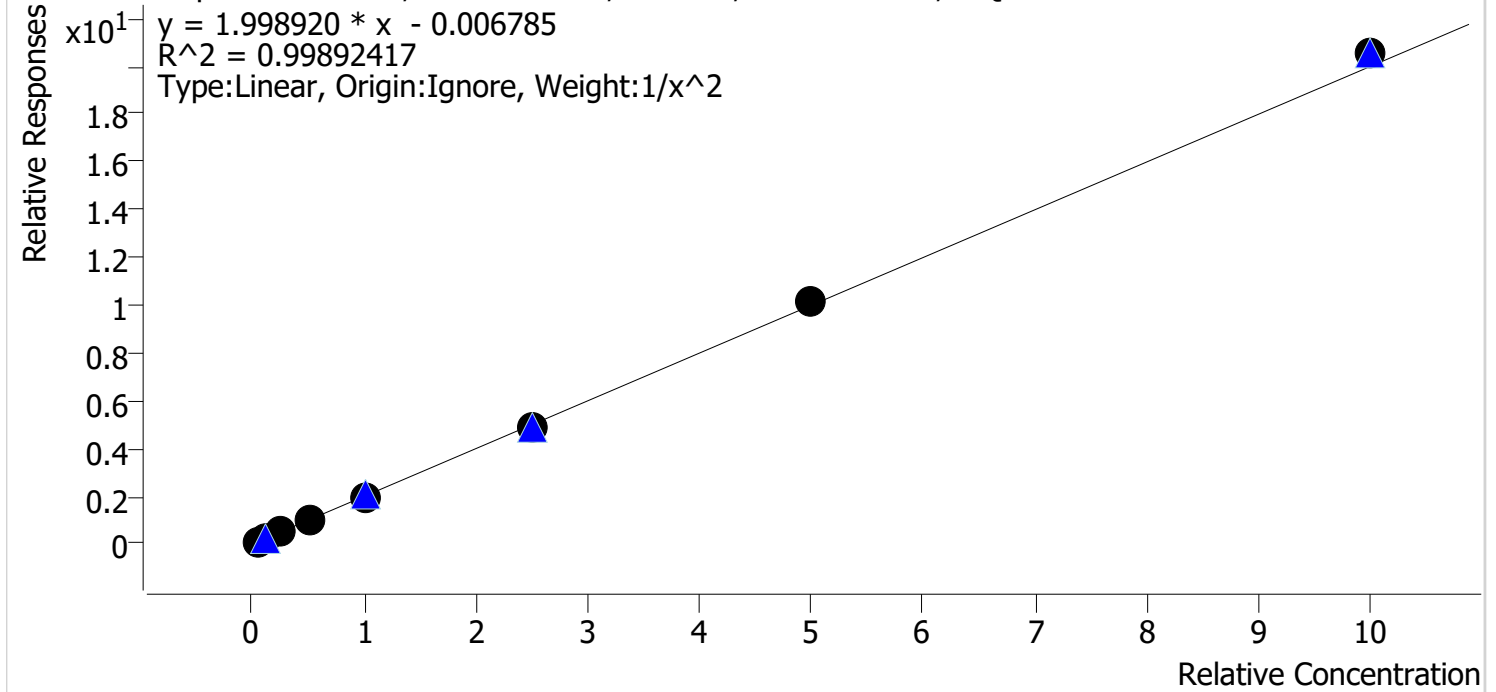
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	49.2	98.3
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	251.4	100.5
cal 7 mdq	7	✓	500.0	501.0	100.2
cal 8 mdq	8	✓	1000.0	1005.2	100.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

BW

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.2
cal 2 mdq	2	✓	10.0	10.3	103.5
cal 3 mdq	3	✓	25.0	23.8	95.0
cal 4 mdq	4	✓	50.0	50.6	101.1
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	243.4	97.4
cal 7 mdq	7	✓	500.0	509.2	101.8
cal 8 mdq	8	✓	1000.0	1027.0	102.7

Compound Calibration Report

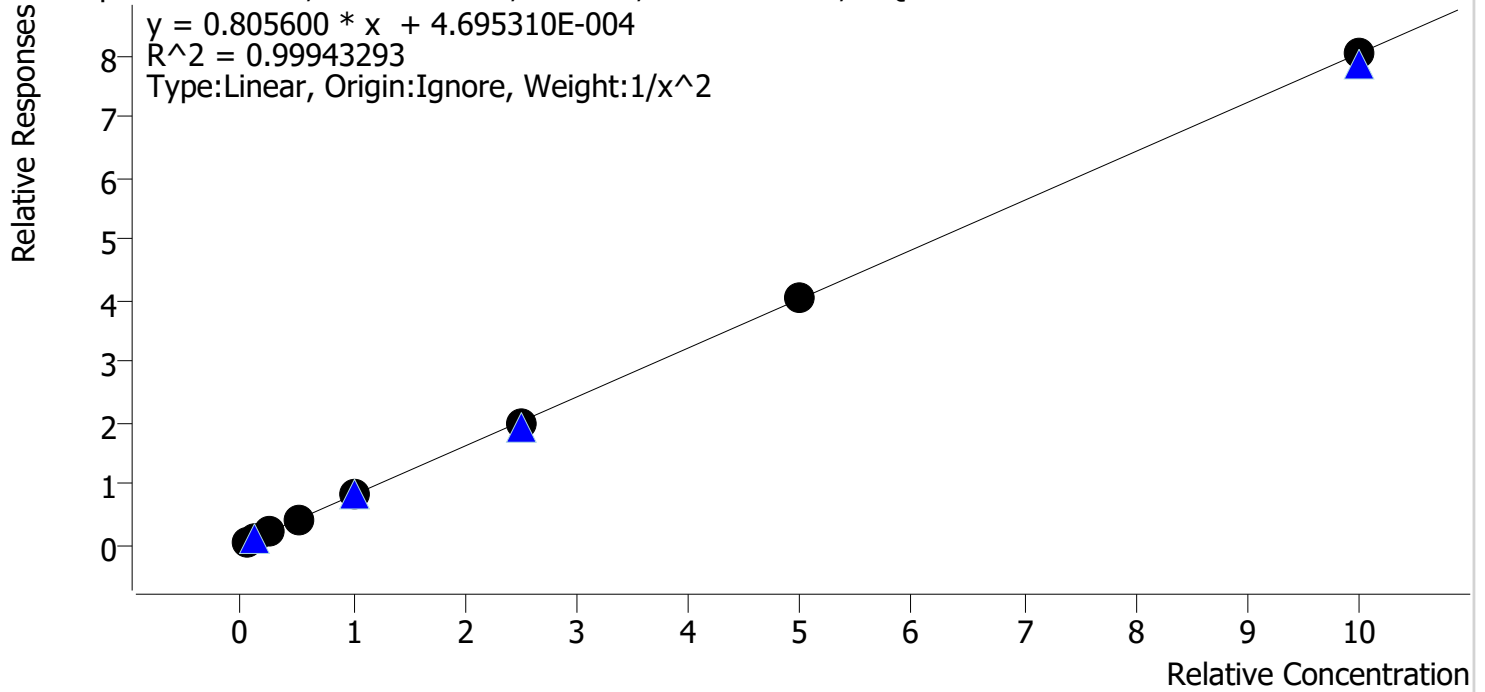
Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Dextrorphan

BW

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	5.1	101.6
cal 2 mdq	2	✓	10.0	9.7	96.5
cal 3 mdq	3	✓	25.0	24.8	99.2
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	101.5	101.5
cal 6 mdq	6	✓	250.0	245.4	98.2
cal 7 mdq	7	✓	500.0	500.5	100.1
cal 8 mdq	8	✓	1000.0	999.6	100.0

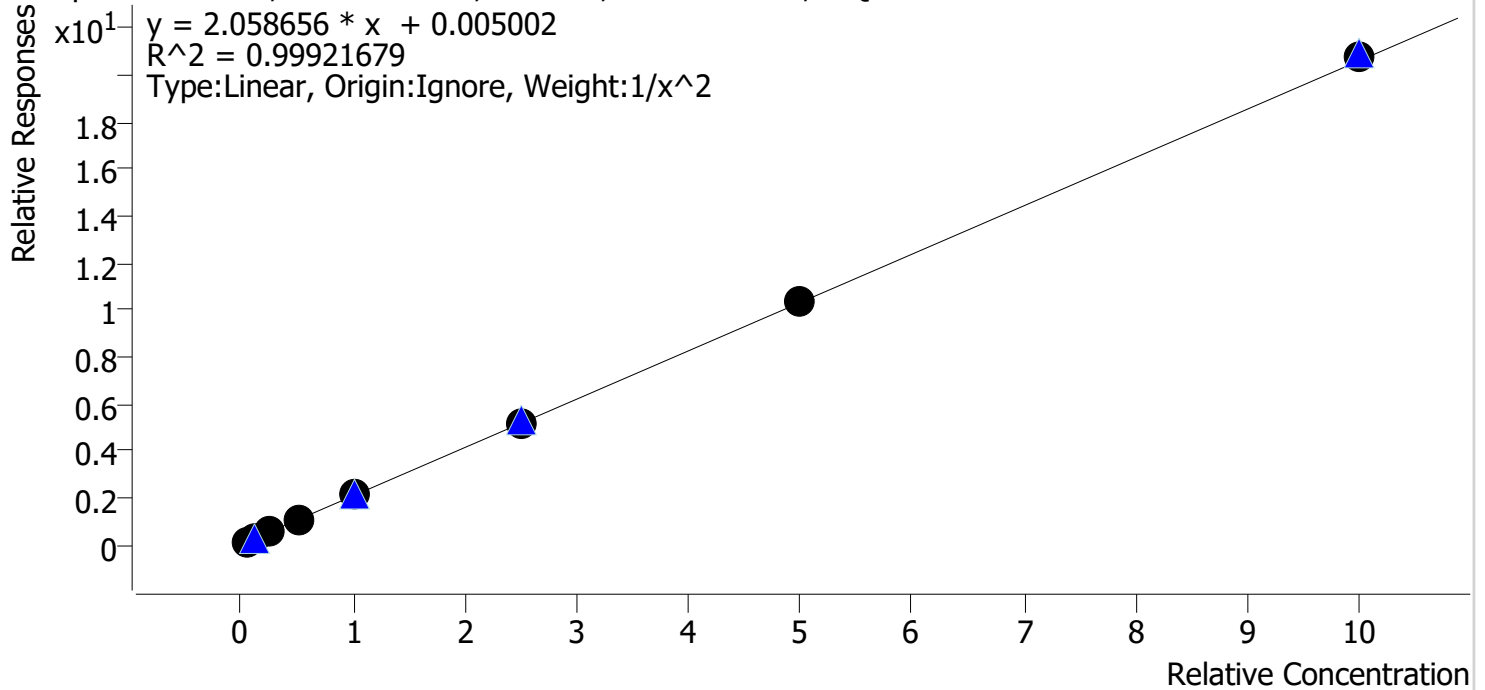
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Diazepam

BW

Internal Standard Diazepam-D5

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



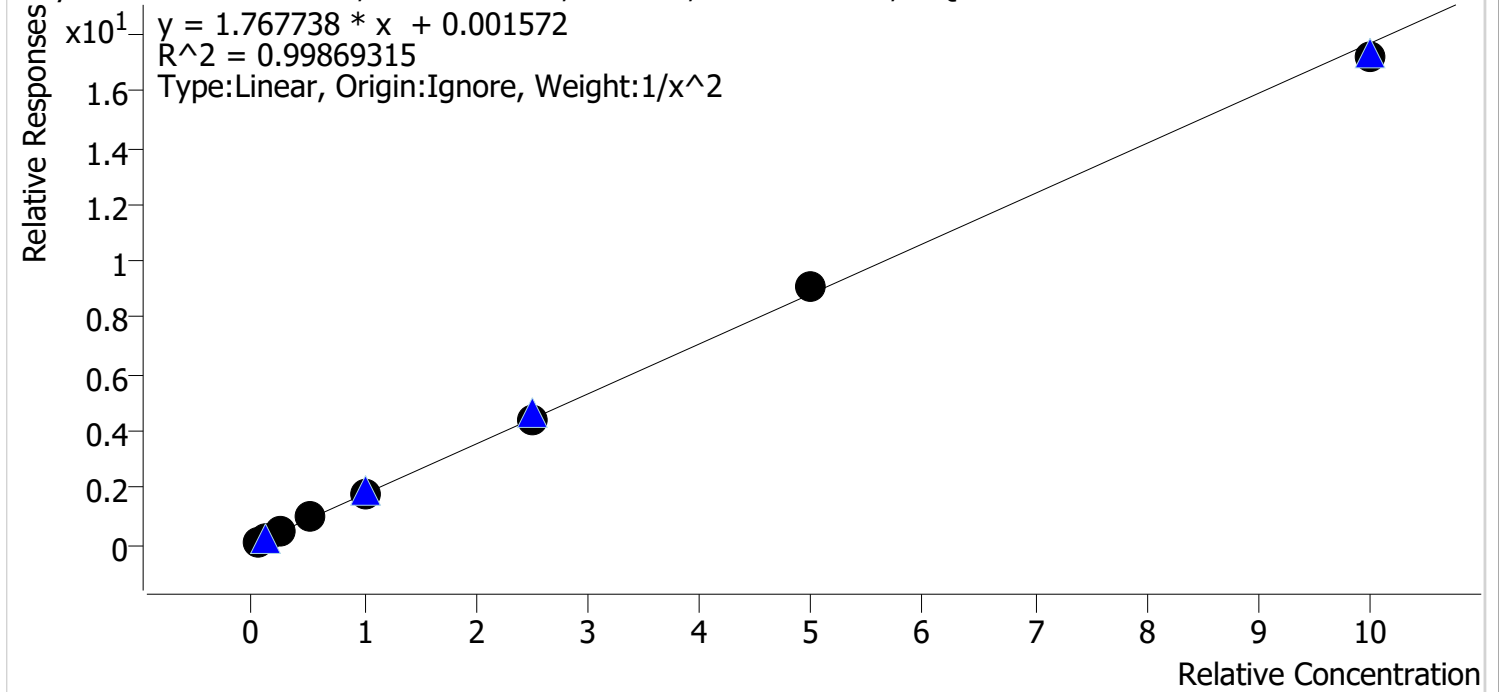
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	23.9	95.4
cal 4 mdq	4	✓	50.0	52.1	104.1
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	501.8	100.4
cal 8 mdq	8	✓	1000.0	1010.1	101.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin		
Last Cal. Update	8/13/2020 7:00 AM		
Analyst Name	ISP\datastor		
Analyte	Dihydrocodeine	Internal Standard	Dihydrocodeine-D6

BW

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



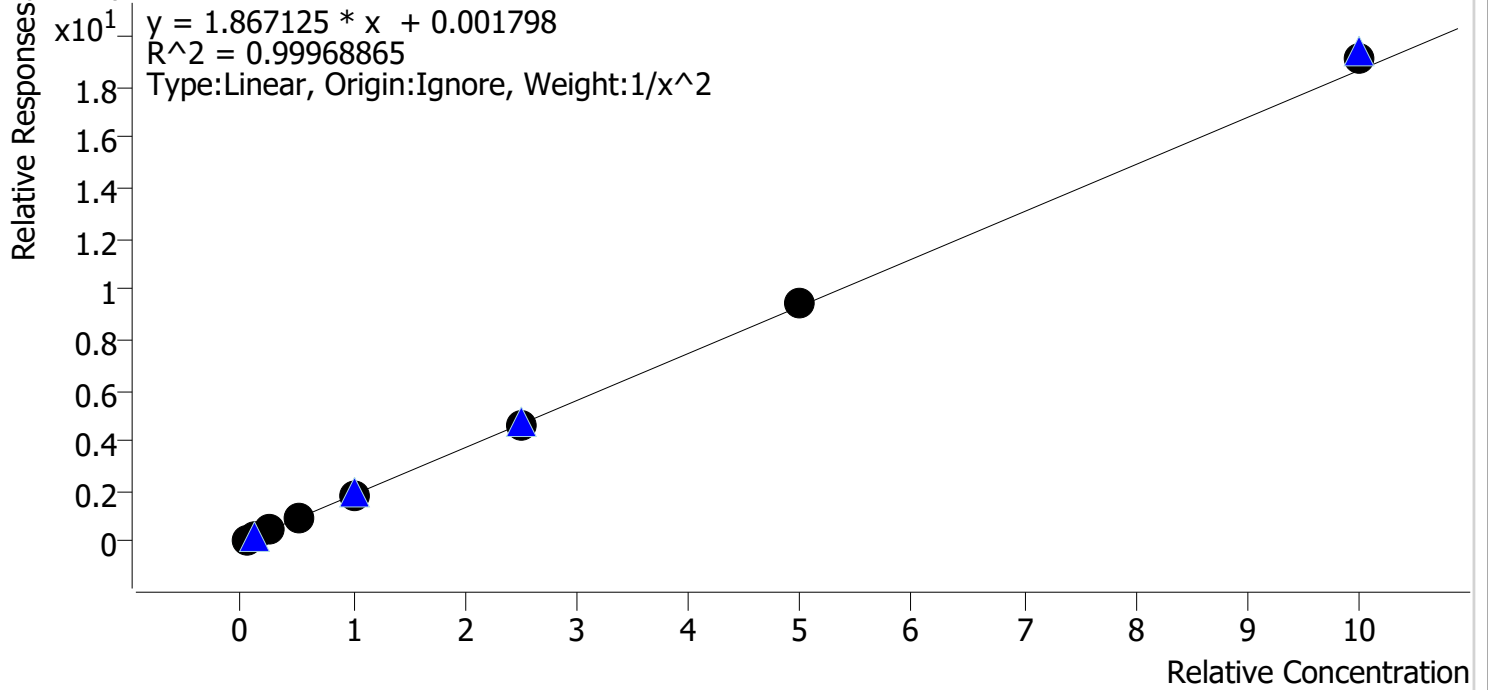
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	23.8	95.2
cal 4 mdq	4	✓	50.0	52.2	104.5
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	512.0	102.4
cal 8 mdq	8	✓	1000.0	970.2	97.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin		
Last Cal. Update	8/13/2020 7:00 AM		
Analyst Name	ISP\datastor		
Analyte	Diphenhydramine	Internal Standard	Diphenhydramine-D3

BW

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	24.4	97.8
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	249.6	99.8
cal 7 mdq	7	✓	500.0	505.2	101.0
cal 8 mdq	8	✓	1000.0	1027.3	102.7

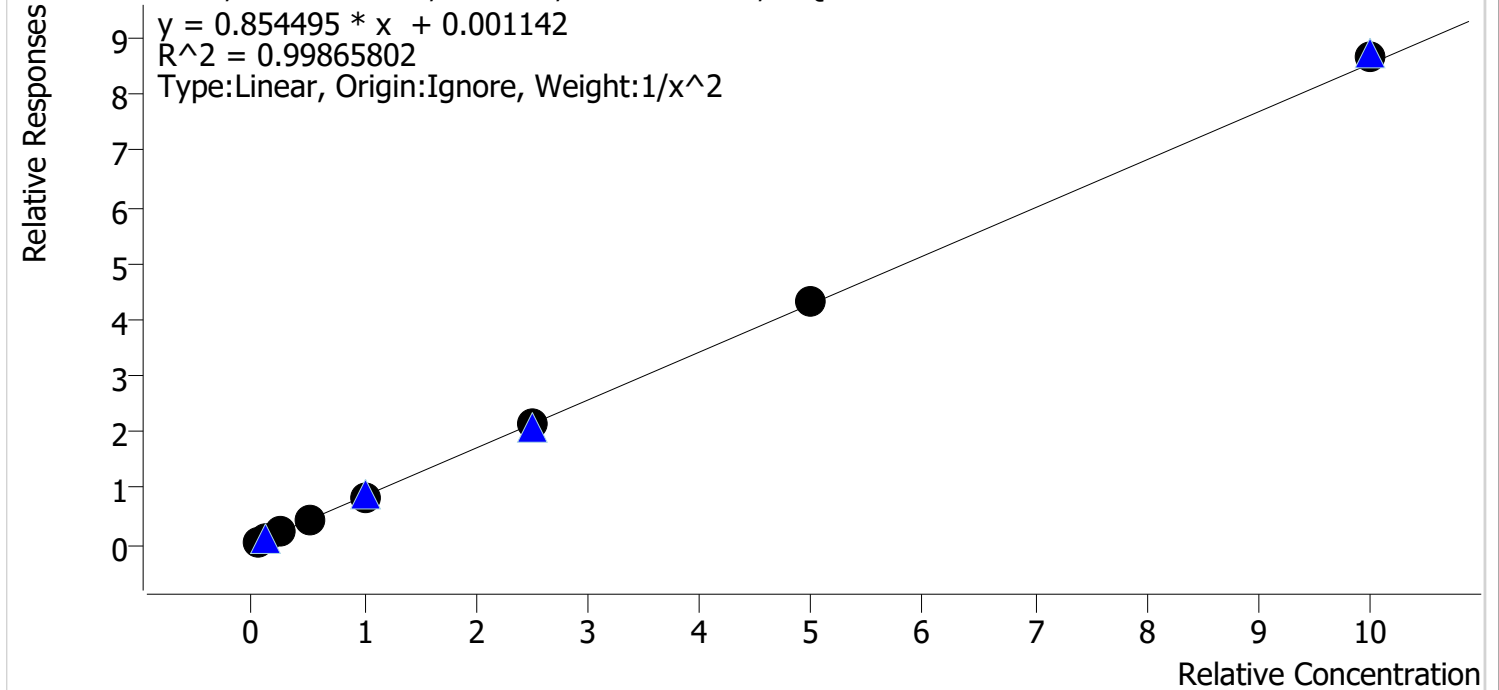
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte EDDP

BW

Internal Standard EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.1
cal 2 mdq	2	✓	10.0	9.3	93.4
cal 3 mdq	3	✓	25.0	25.0	99.9
cal 4 mdq	4	✓	50.0	51.5	102.9
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	247.6	99.0
cal 7 mdq	7	✓	500.0	509.0	101.8
cal 8 mdq	8	✓	1000.0	1014.9	101.5

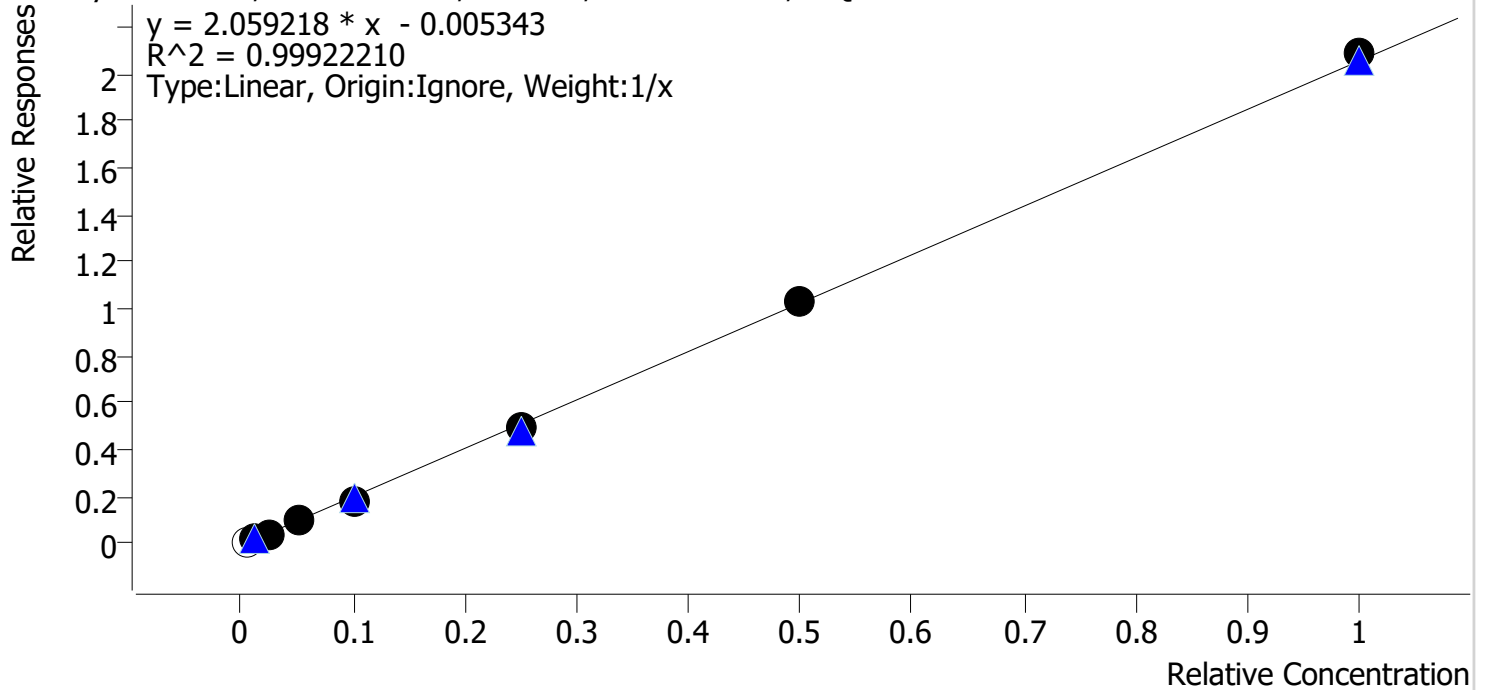
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Fentanyl

BW

Internal Standard Fentanyl-D5

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



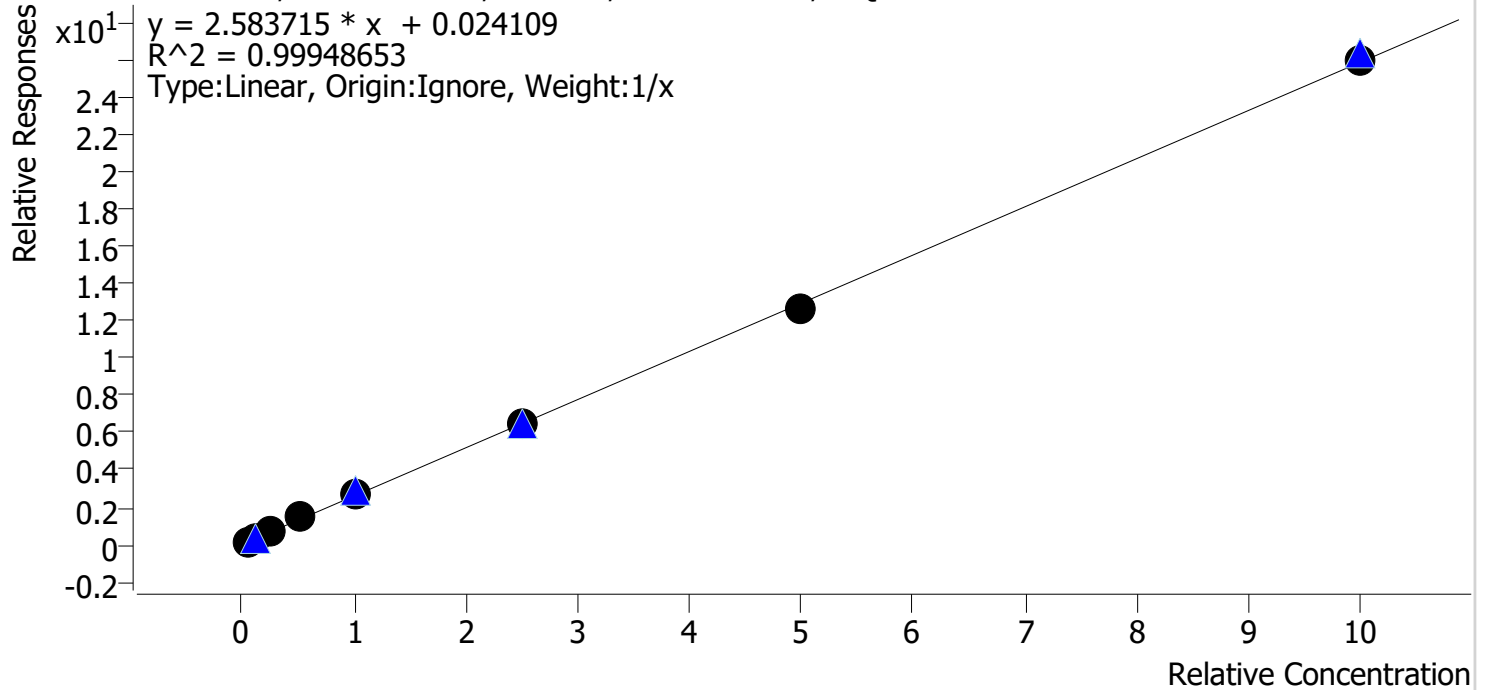
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.7	140.8
cal 2 mdq	2	✓	1.0	1.1	112.8
cal 3 mdq	3	✓	2.5	2.5	98.1
cal 4 mdq	4	✓	5.0	4.9	97.8
cal 5 mdq	5	✓	10.0	9.3	93.5
cal 6 mdq	6	✓	25.0	24.0	95.9
cal 7 mdq	7	✓	50.0	50.2	100.4
cal 8 mdq	8	✓	100.0	101.5	101.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

BW

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



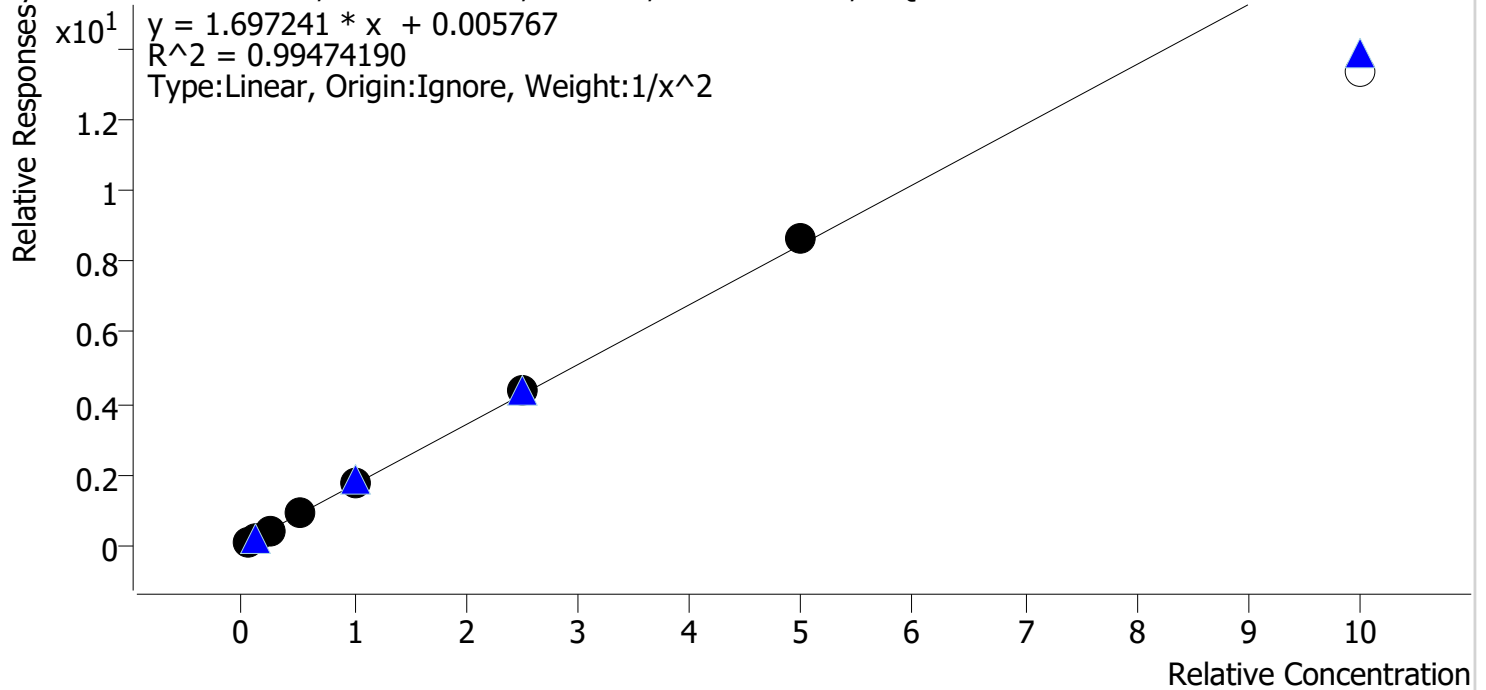
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	9.5	95.2
cal 3 mdq	3	✓	25.0	23.6	94.5
cal 4 mdq	4	✓	50.0	53.9	107.8
cal 5 mdq	5	✓	100.0	105.4	105.4
cal 6 mdq	6	✓	250.0	250.3	100.1
cal 7 mdq	7	✓	500.0	489.6	97.9
cal 8 mdq	8	✓	1000.0	1002.7	100.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

BW

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



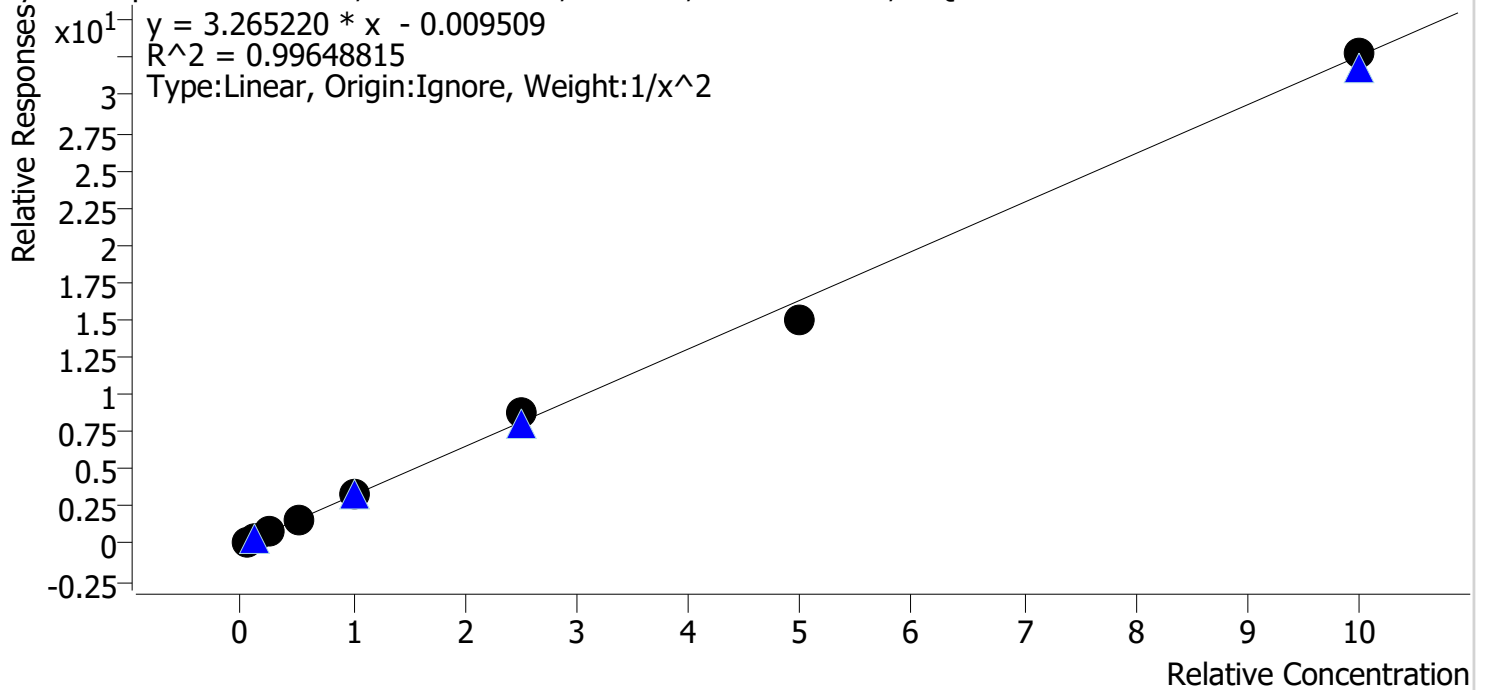
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	10.5	104.7
cal 3 mdq	3	✓	25.0	21.7	86.7
cal 4 mdq	4	✓	50.0	51.9	103.7
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	257.9	103.2
cal 7 mdq	7	✓	500.0	508.7	101.7
cal 8 mdq	8	✗	1000.0	790.1	79.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Hydromorphone *BW*

Internal Standard Hydromorphone-D6

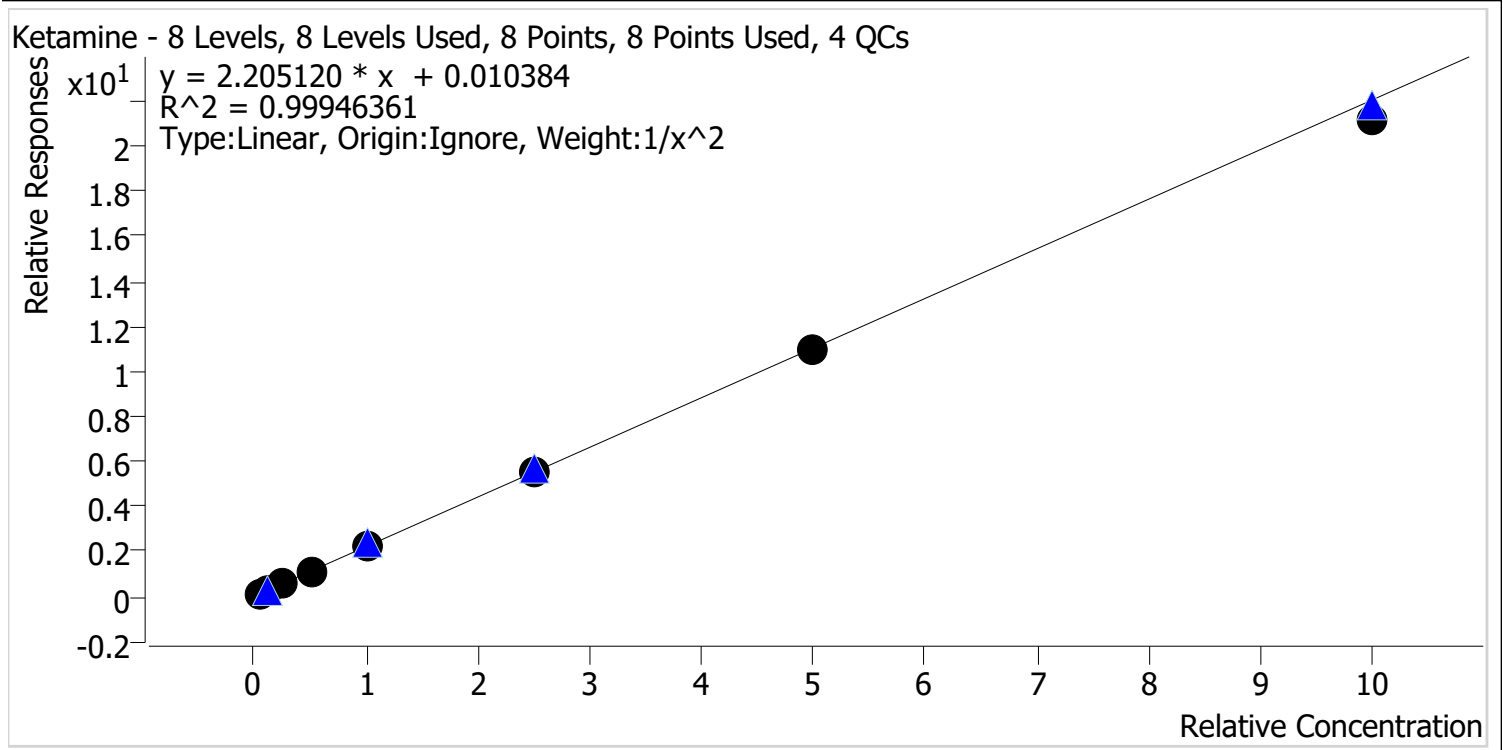
Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	23.9	95.4
cal 4 mdq	4	✓	50.0	52.2	104.4
cal 5 mdq	5	✓	100.0	102.9	102.9
cal 6 mdq	6	✓	250.0	267.1	106.8
cal 7 mdq	7	✓	500.0	455.8	91.2
cal 8 mdq	8	✓	1000.0	1004.9	100.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Ketamine *BW*
Internal Standard Ketamine-D4



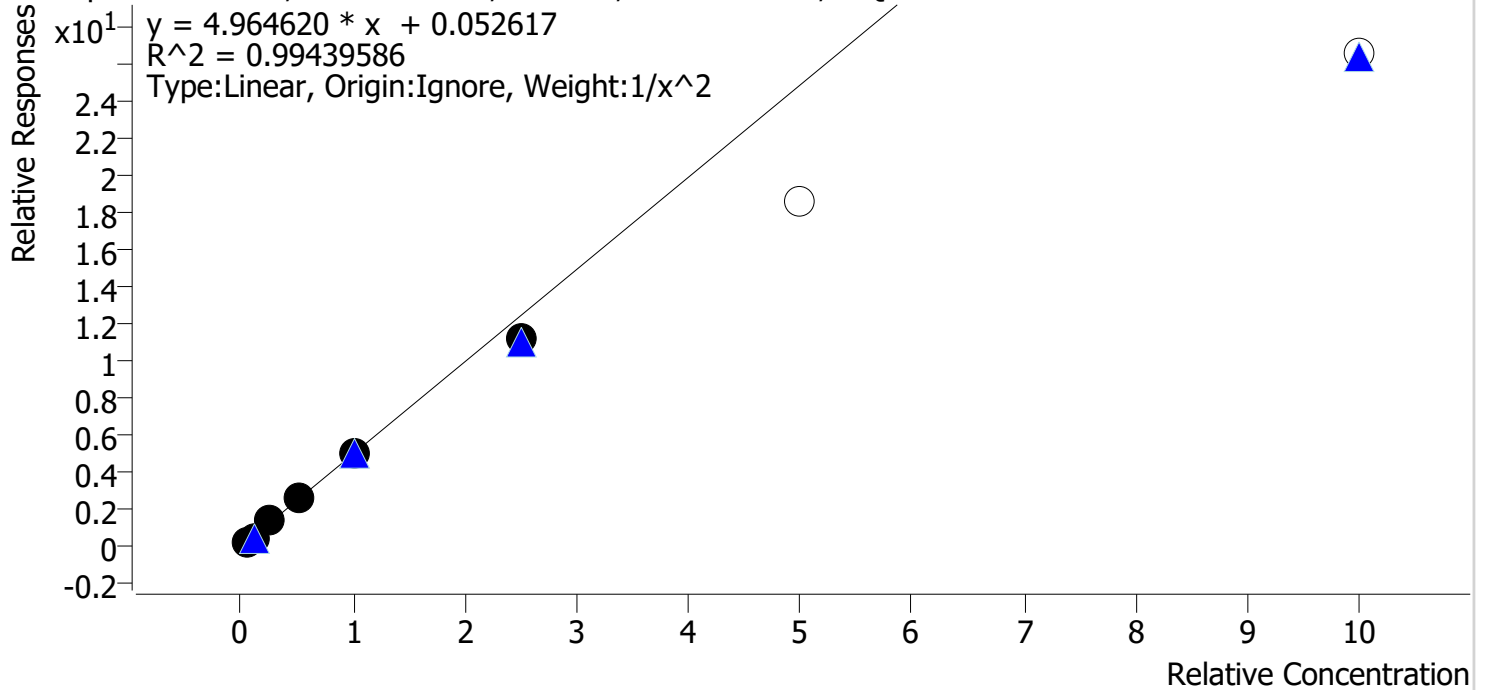
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	25.0	100.2
cal 4 mdq	4	✓	50.0	51.6	103.2
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	252.2	100.9
cal 7 mdq	7	✓	500.0	496.5	99.3
cal 8 mdq	8	✓	1000.0	962.7	96.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Lorazepam *BW*

Internal Standard Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.1	101.5
cal 3 mdq	3	✓	25.0	26.4	105.7
cal 4 mdq	4	✓	50.0	53.1	106.3
cal 5 mdq	5	✓	100.0	99.1	99.1
cal 6 mdq	6	✓	250.0	224.1	89.7
cal 7 mdq	7	✗	500.0	373.7	74.7
cal 8 mdq	8	✗	1000.0	533.9	53.4

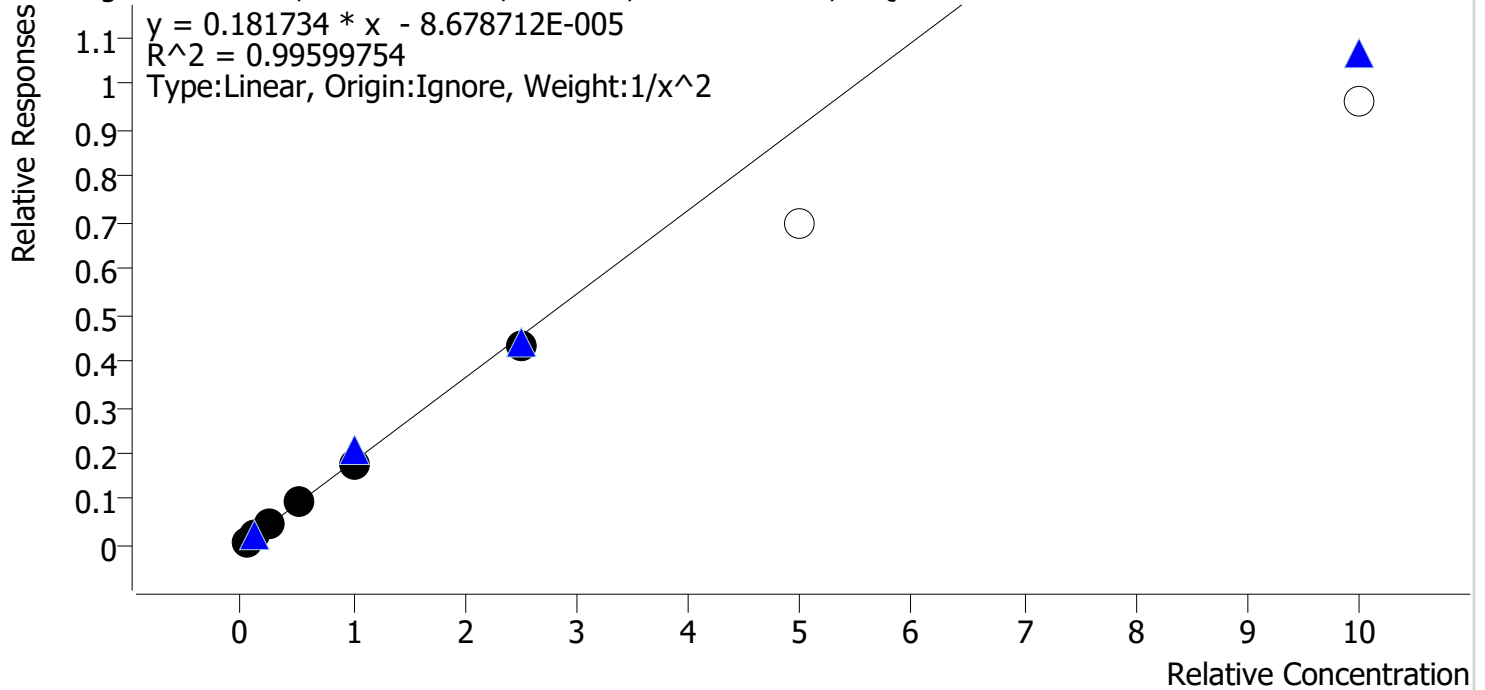
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Lamotrigine

BW

Internal Standard Ketamine-D4

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



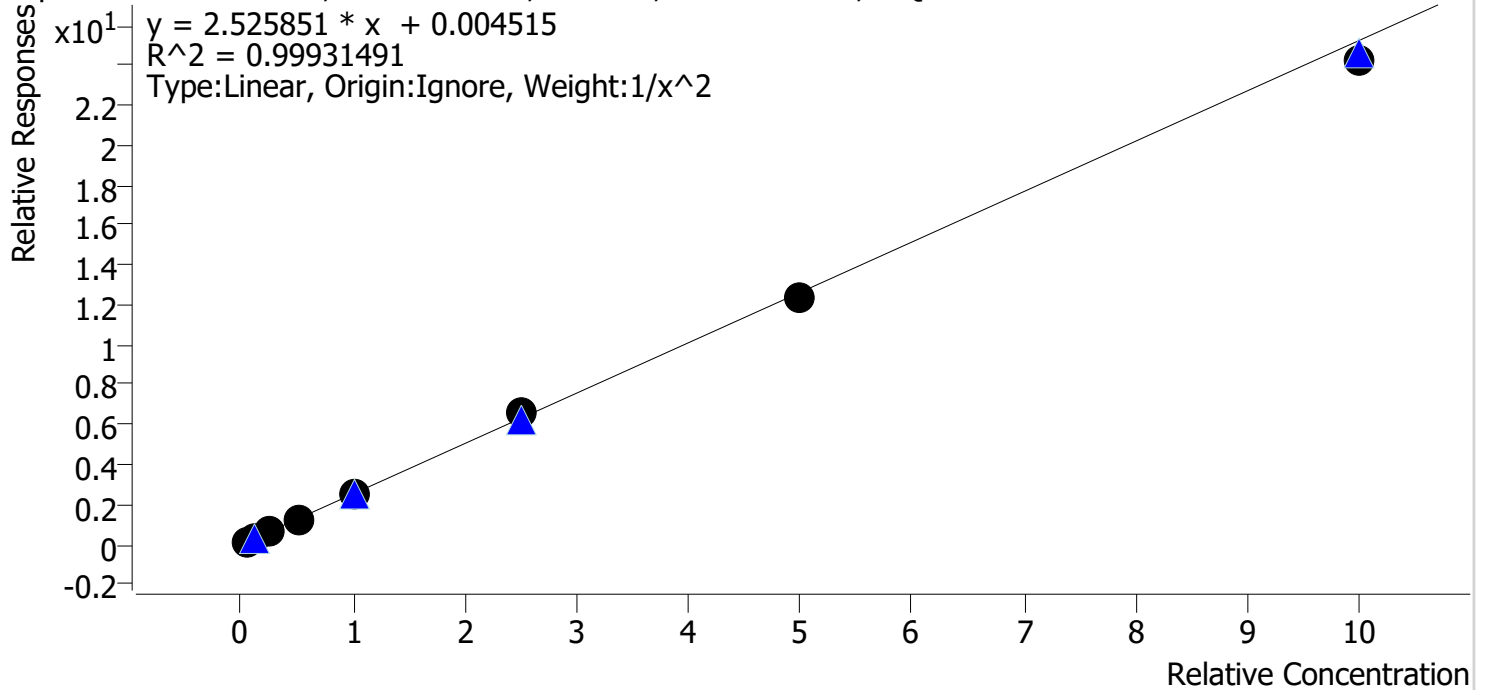
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.0
cal 2 mdq	2	✓	10.0	10.8	107.6
cal 3 mdq	3	✓	25.0	24.9	99.7
cal 4 mdq	4	✓	50.0	52.4	104.8
cal 5 mdq	5	✓	100.0	97.1	97.1
cal 6 mdq	6	✓	250.0	236.8	94.7
cal 7 mdq	7	✗	500.0	384.8	77.0
cal 8 mdq	8	✗	1000.0	531.3	53.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Meprobamate *BW*

Internal Standard Meprobamate-D7

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

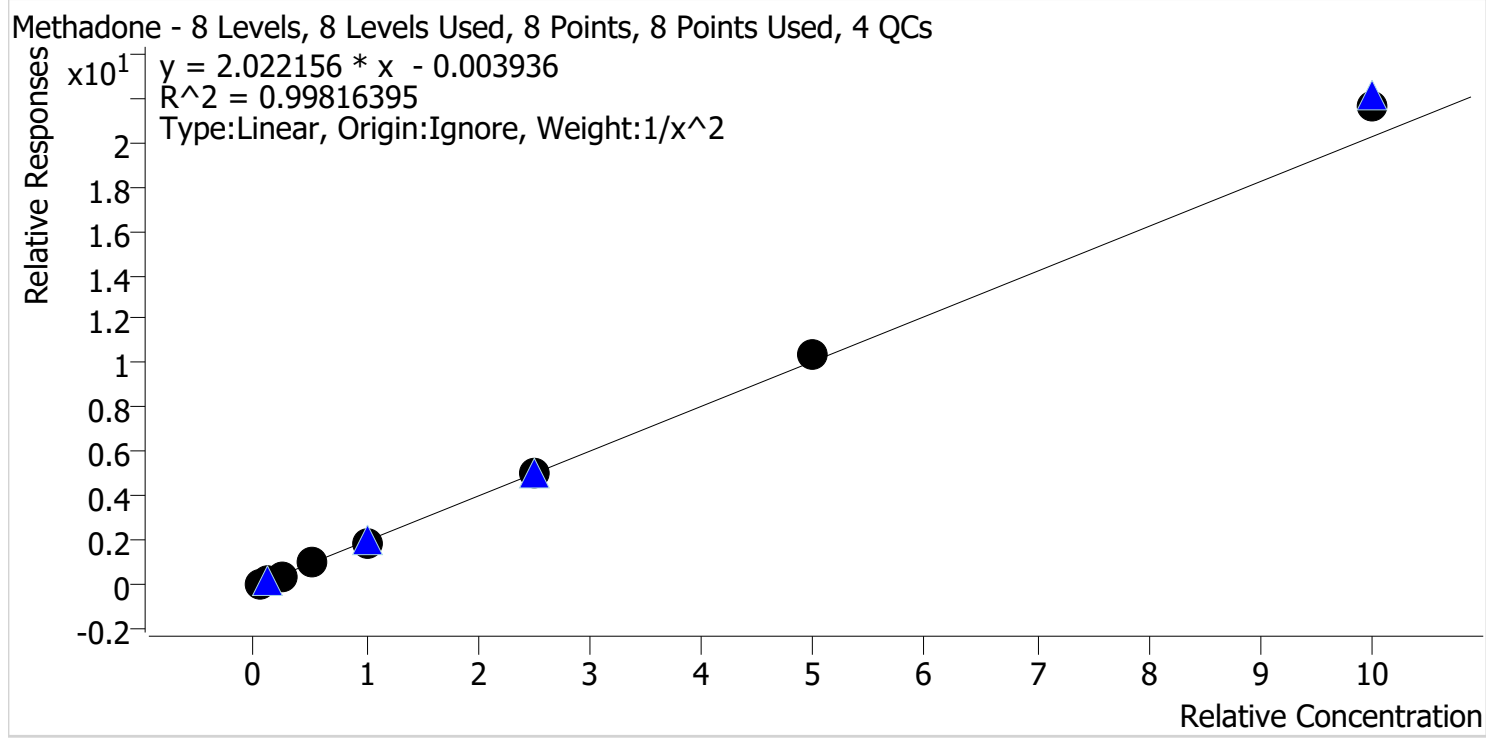


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	99.2
cal 3 mdq	3	✓	25.0	24.8	99.3
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	257.7	103.1
cal 7 mdq	7	✓	500.0	490.5	98.1
cal 8 mdq	8	✓	1000.0	962.4	96.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

BW



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.9	98.5
cal 3 mdq	3	✓	25.0	23.7	94.7
cal 4 mdq	4	✓	50.0	50.4	100.8
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	248.6	99.4
cal 7 mdq	7	✓	500.0	511.2	102.2
cal 8 mdq	8	✓	1000.0	1064.1	106.4

Compound Calibration Report

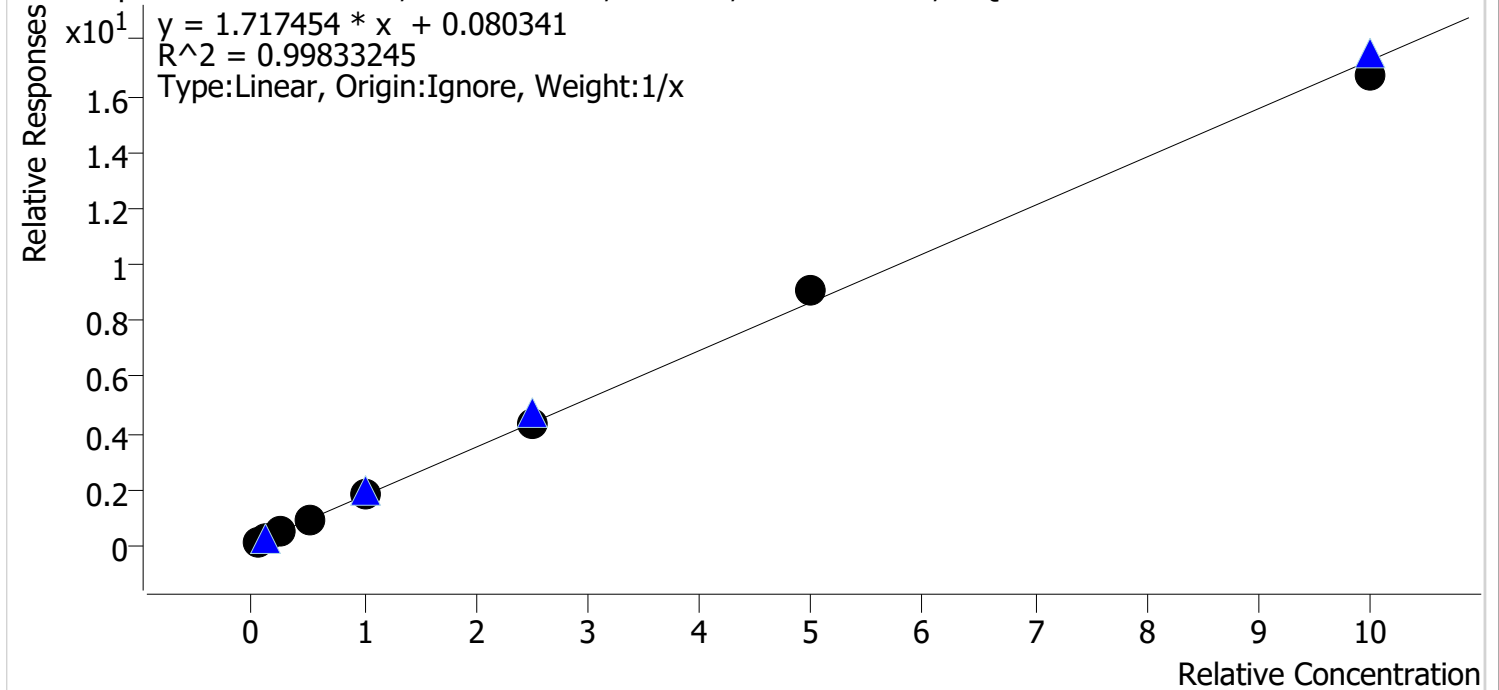
Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Methamphetamine

BW

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	4.6	91.8
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.5	100.9
cal 5 mdq	5	✓	100.0	105.7	105.7
cal 6 mdq	6	✓	250.0	246.2	98.5
cal 7 mdq	7	✓	500.0	528.4	105.7
cal 8 mdq	8	✓	1000.0	969.7	97.0

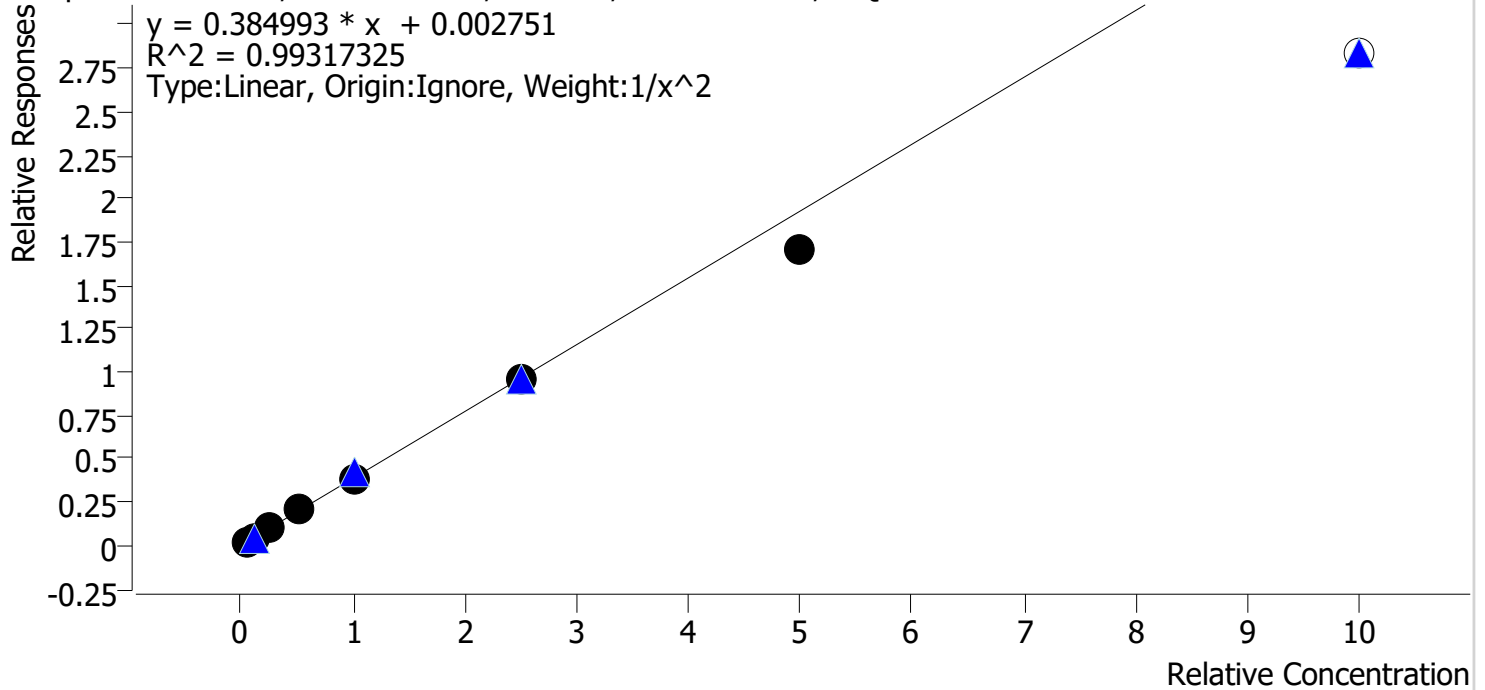
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Metoprolol

BW

Internal Standard Ketamine-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	9.8	97.8
cal 3 mdq	3	✓	25.0	25.3	101.4
cal 4 mdq	4	✓	50.0	56.1	112.2
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	249.9	100.0
cal 7 mdq	7	✓	500.0	441.0	88.2
cal 8 mdq	8	x	1000.0	735.6	73.6

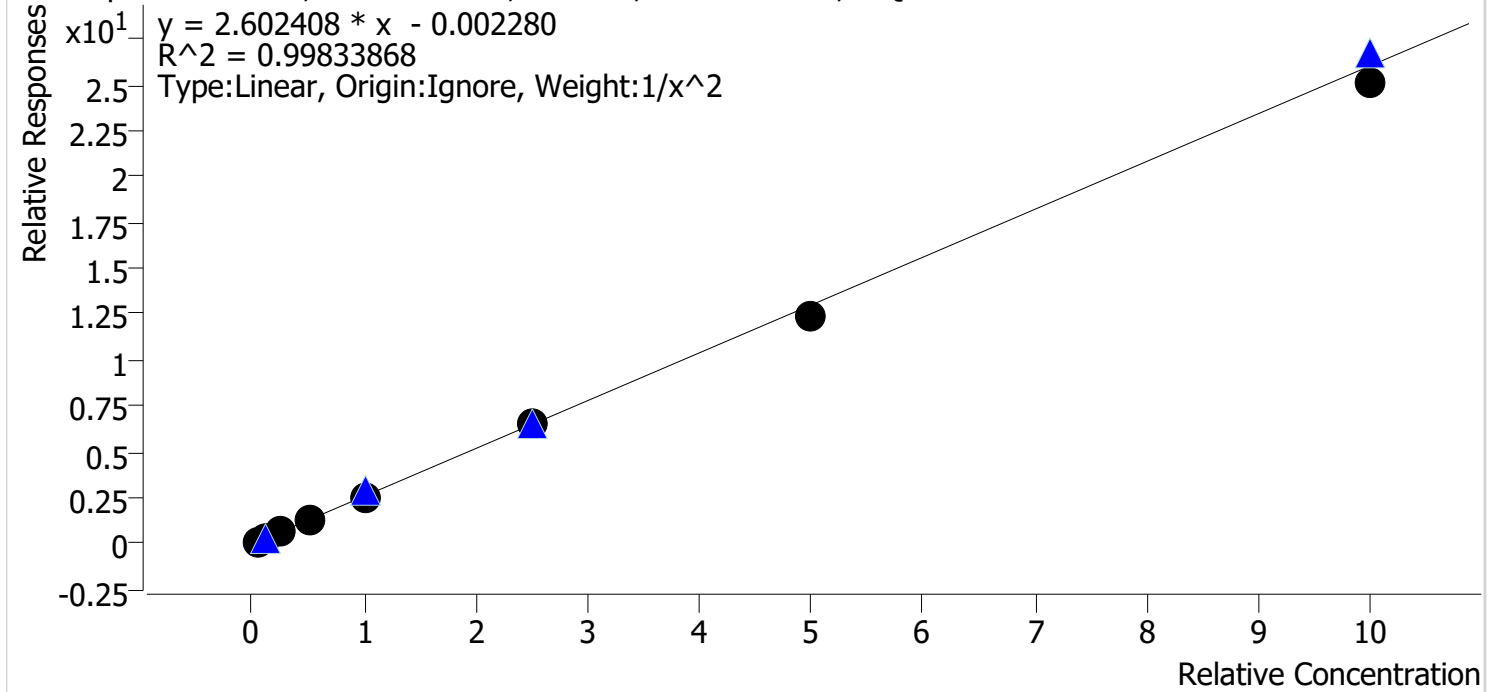
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Mirtazapine

BW

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	4.9	98.2
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	25.6	102.3
cal 4 mdq	4	✓	50.0	53.3	106.5
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	251.1	100.4
cal 7 mdq	7	✓	500.0	477.8	95.6
cal 8 mdq	8	✓	1000.0	964.2	96.4

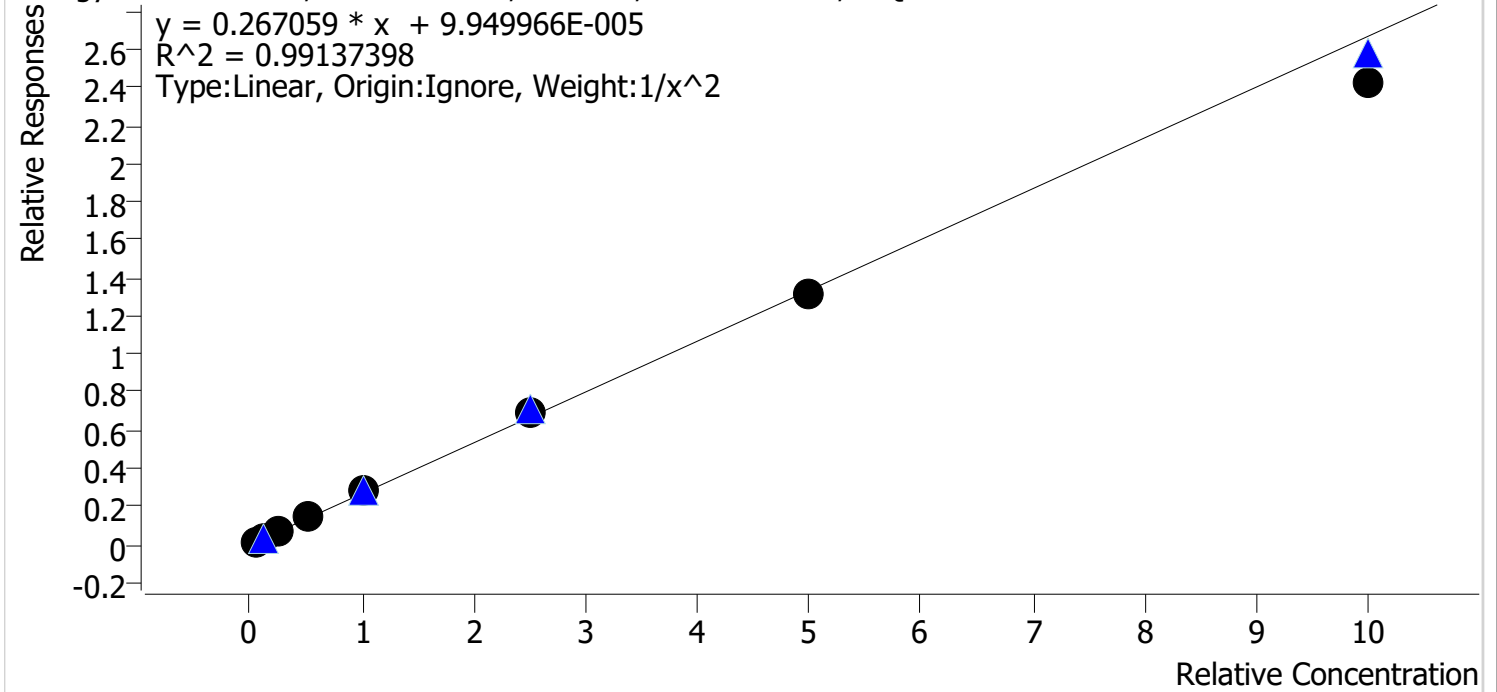
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Mitragynine

BW

Internal Standard Methadone-D9

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	5.2	104.3
cal 2 mdq	2	✓	10.0	9.1	91.0
cal 3 mdq	3	✓	25.0	23.2	92.8
cal 4 mdq	4	✓	50.0	56.8	113.7
cal 5 mdq	5	✓	100.0	105.6	105.6
cal 6 mdq	6	✓	250.0	257.3	102.9
cal 7 mdq	7	✓	500.0	493.1	98.6
cal 8 mdq	8	✓	1000.0	910.7	91.1

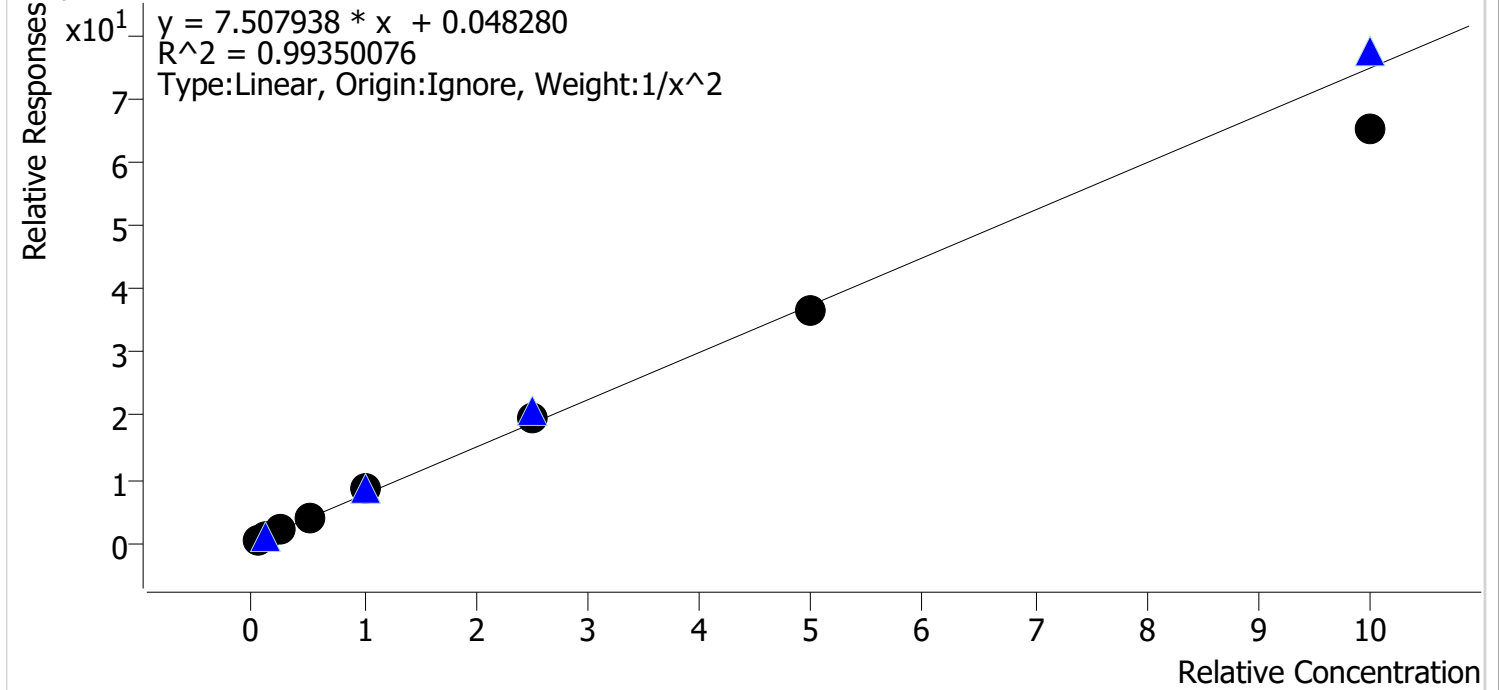
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Morphine

BW

Internal Standard Morphine-D6

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



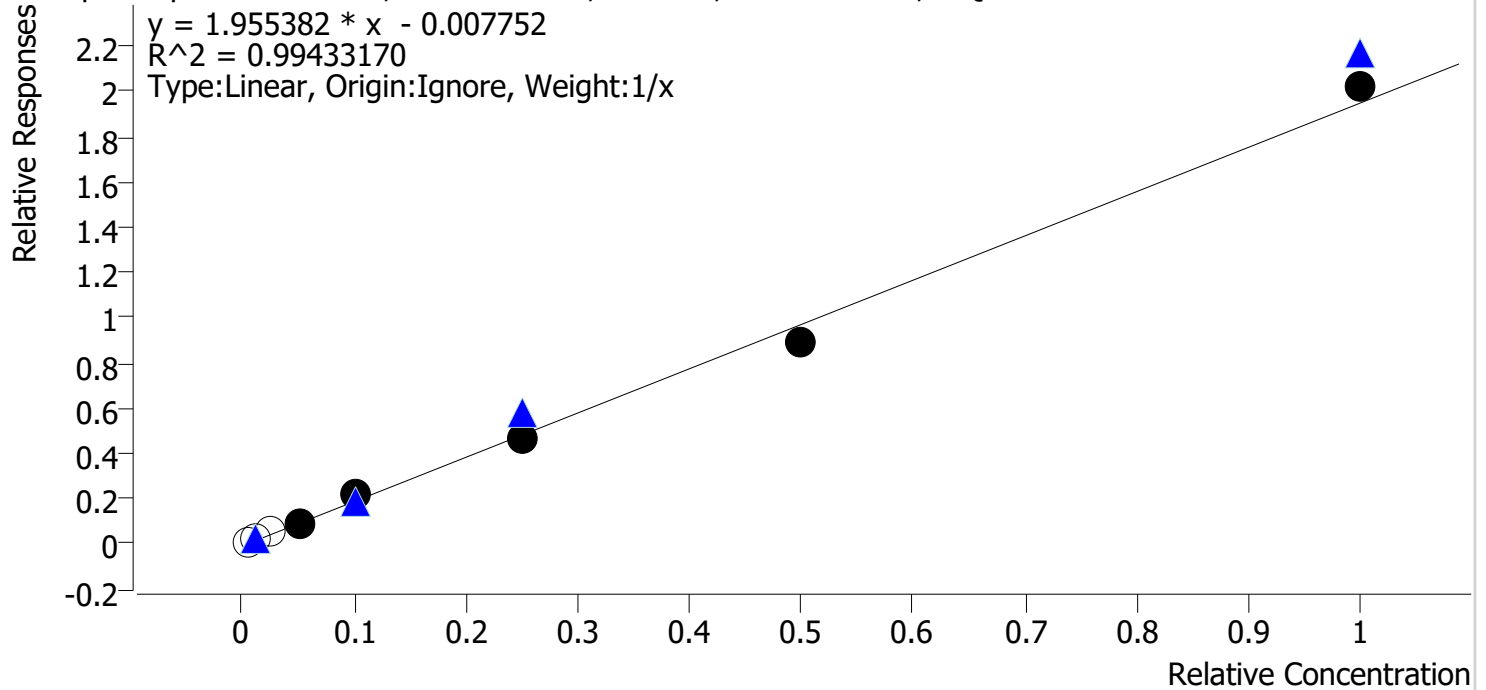
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.9
cal 2 mdq	2	✓	10.0	10.6	106.0
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	50.0	100.1
cal 5 mdq	5	✓	100.0	110.5	110.5
cal 6 mdq	6	✓	250.0	258.7	103.5
cal 7 mdq	7	✓	500.0	490.6	98.1
cal 8 mdq	8	✓	1000.0	870.1	87.0

Compound Calibration Report

Batch results	D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin		
Last Cal. Update	8/13/2020 7:00 AM		
Analyst Name	ISP\datastor		
Analyte	Norbuprenorphine	Internal Standard	Norbuprenorphine-D3

BW

Norbuprenorphine - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



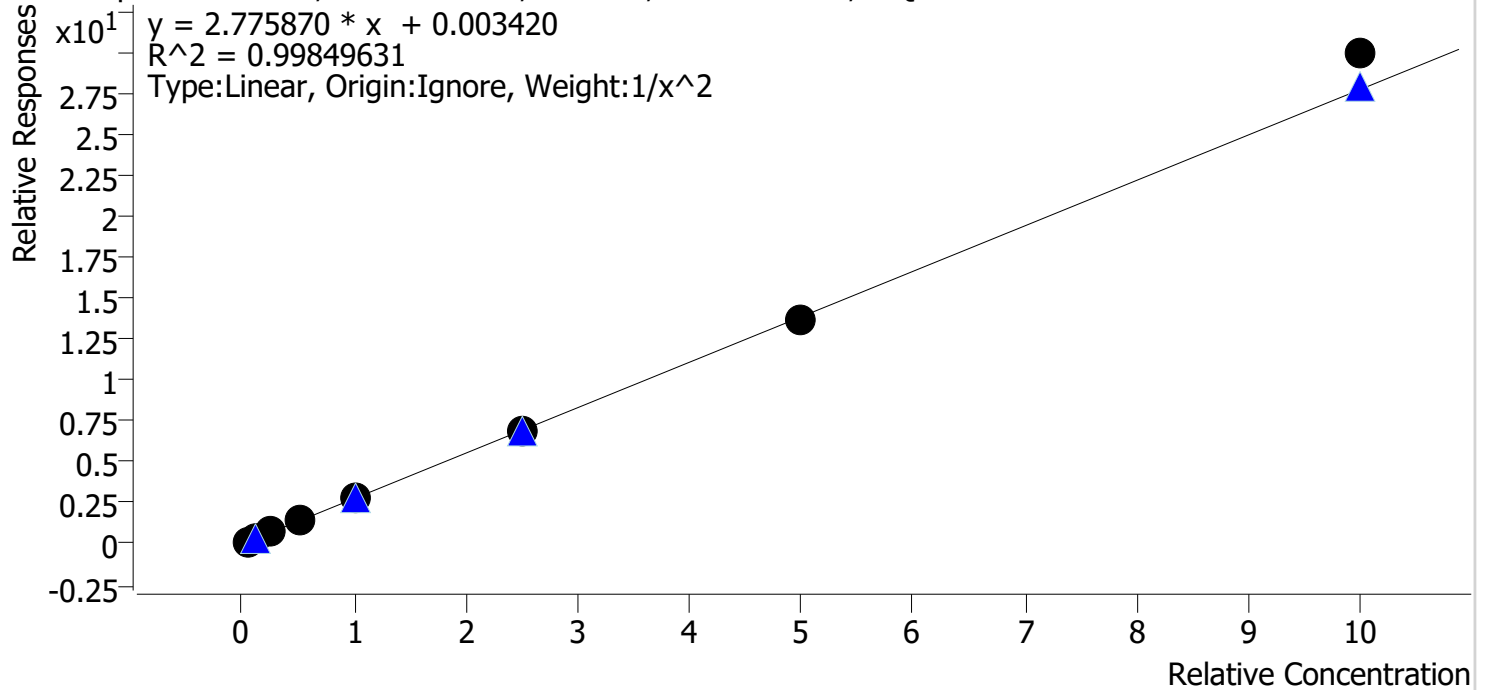
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.9	186.7
cal 2 mdq	2	x	1.0	1.5	154.6
cal 3 mdq	3	x	2.5	3.3	130.2
cal 4 mdq	4	✓	5.0	4.6	93.0
cal 5 mdq	5	✓	10.0	11.5	114.6
cal 6 mdq	6	✓	25.0	24.1	96.4
cal 7 mdq	7	✓	50.0	46.2	92.3
cal 8 mdq	8	✓	100.0	103.6	103.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

BW

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



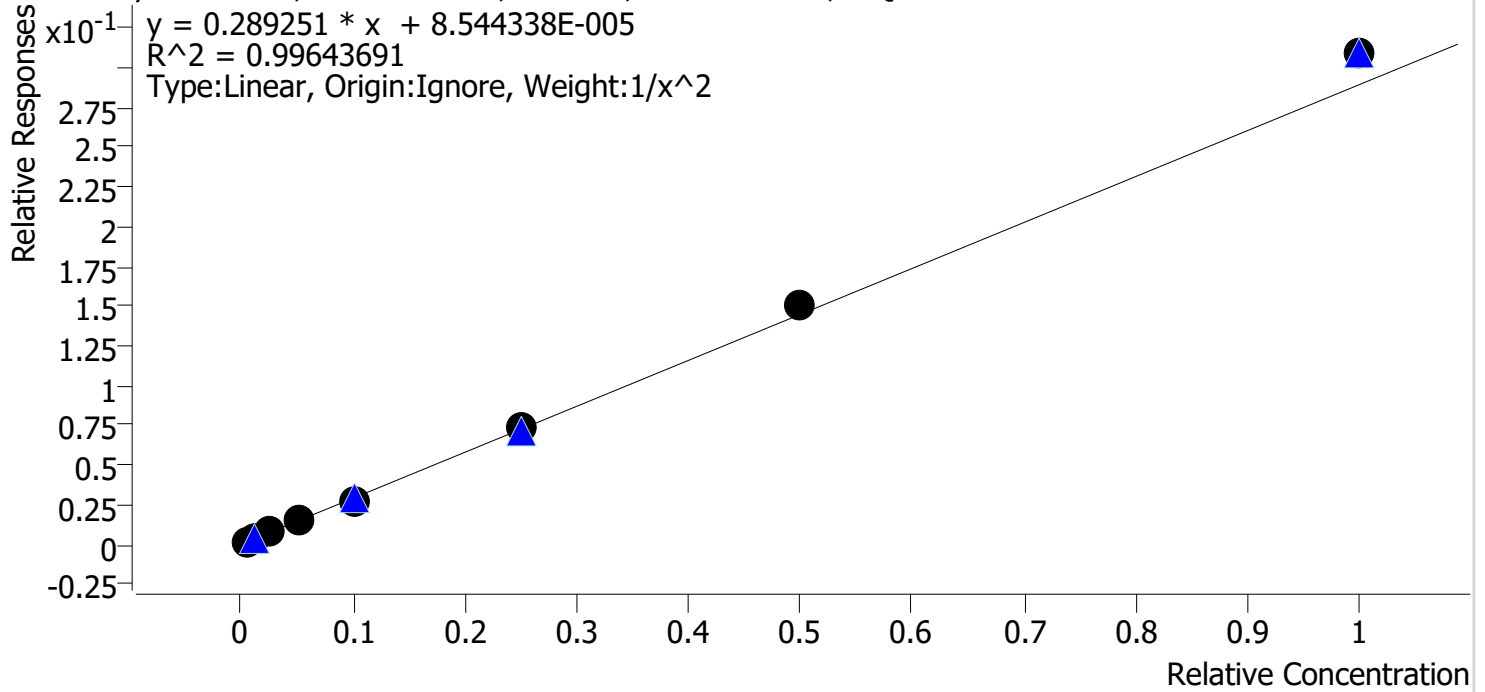
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	10.0	100.5
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	48.7	97.4
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	491.2	98.2
cal 8 mdq	8	✓	1000.0	1079.0	107.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

BW

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



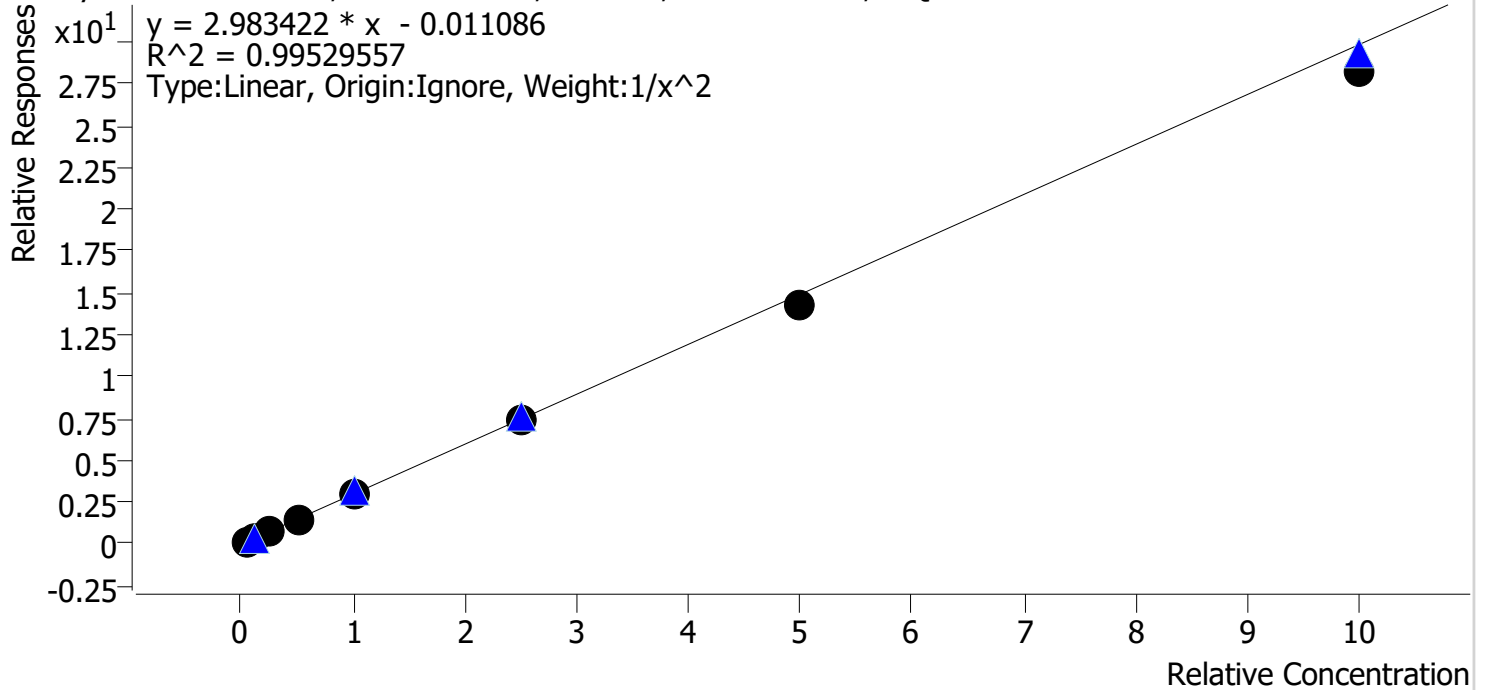
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	105.1
cal 2 mdq	2	✓	1.0	0.9	91.0
cal 3 mdq	3	✓	2.5	2.4	97.8
cal 4 mdq	4	✓	5.0	5.0	99.3
cal 5 mdq	5	✓	10.0	9.6	95.7
cal 6 mdq	6	✓	25.0	25.3	101.2
cal 7 mdq	7	✓	50.0	51.6	103.3
cal 8 mdq	8	✓	100.0	106.7	106.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

BW

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

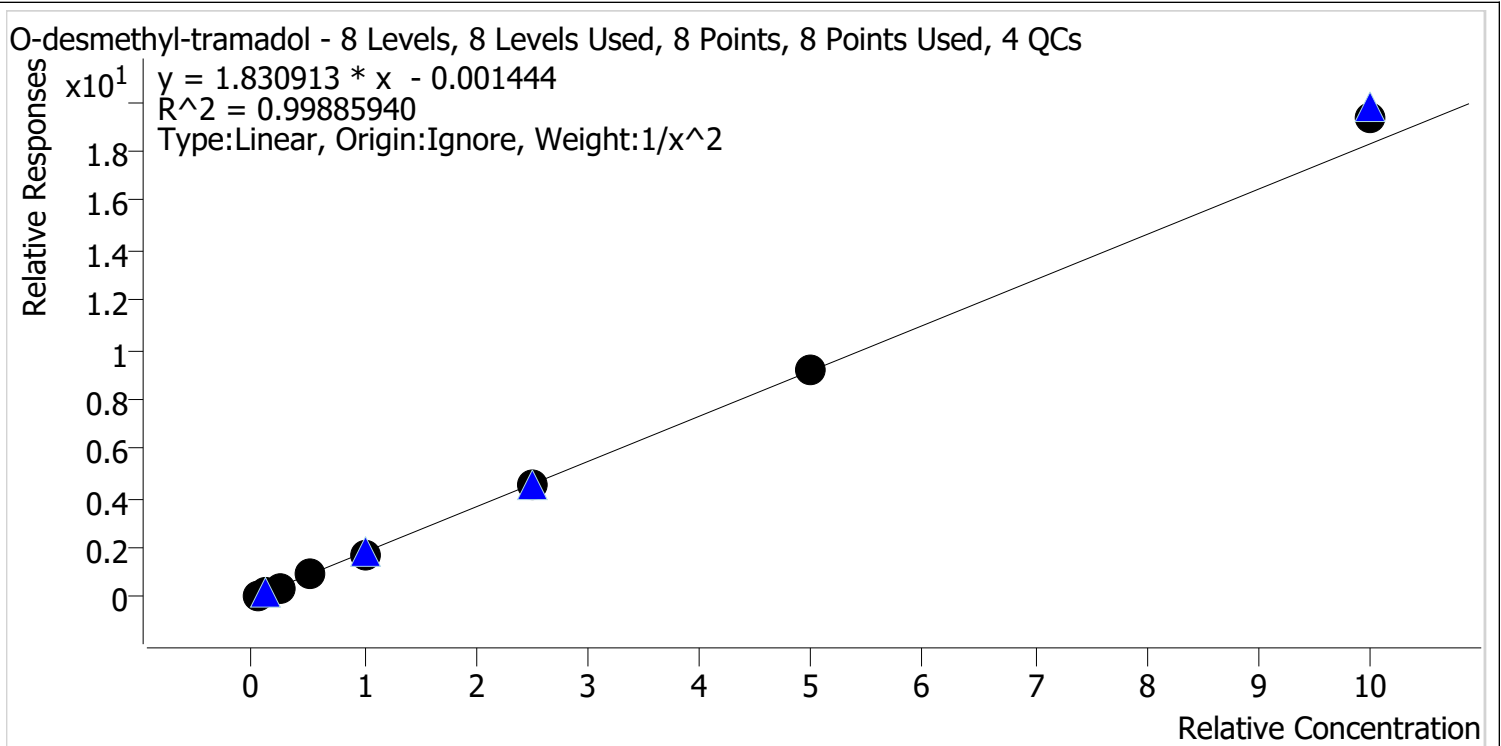


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.0
cal 2 mdq	2	✓	10.0	10.8	108.2
cal 3 mdq	3	✓	25.0	27.4	109.5
cal 4 mdq	4	✓	50.0	50.8	101.7
cal 5 mdq	5	✓	100.0	97.9	97.9
cal 6 mdq	6	✓	250.0	245.9	98.3
cal 7 mdq	7	✓	500.0	478.8	95.8
cal 8 mdq	8	✓	1000.0	946.4	94.6

Compound Calibration Report

Batch results	D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin		
Last Cal. Update	8/13/2020 7:00 AM		
Analyst Name	ISP\datastor		
Analyte	O-desmethyl-tramadol	Internal Standard	O-desmethyl-tramadol-D6

BW



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	24.1	96.3
cal 4 mdq	4	✓	50.0	50.2	100.5
cal 5 mdq	5	✓	100.0	97.1	97.1
cal 6 mdq	6	✓	250.0	249.3	99.7
cal 7 mdq	7	✓	500.0	503.3	100.7
cal 8 mdq	8	✓	1000.0	1057.1	105.7

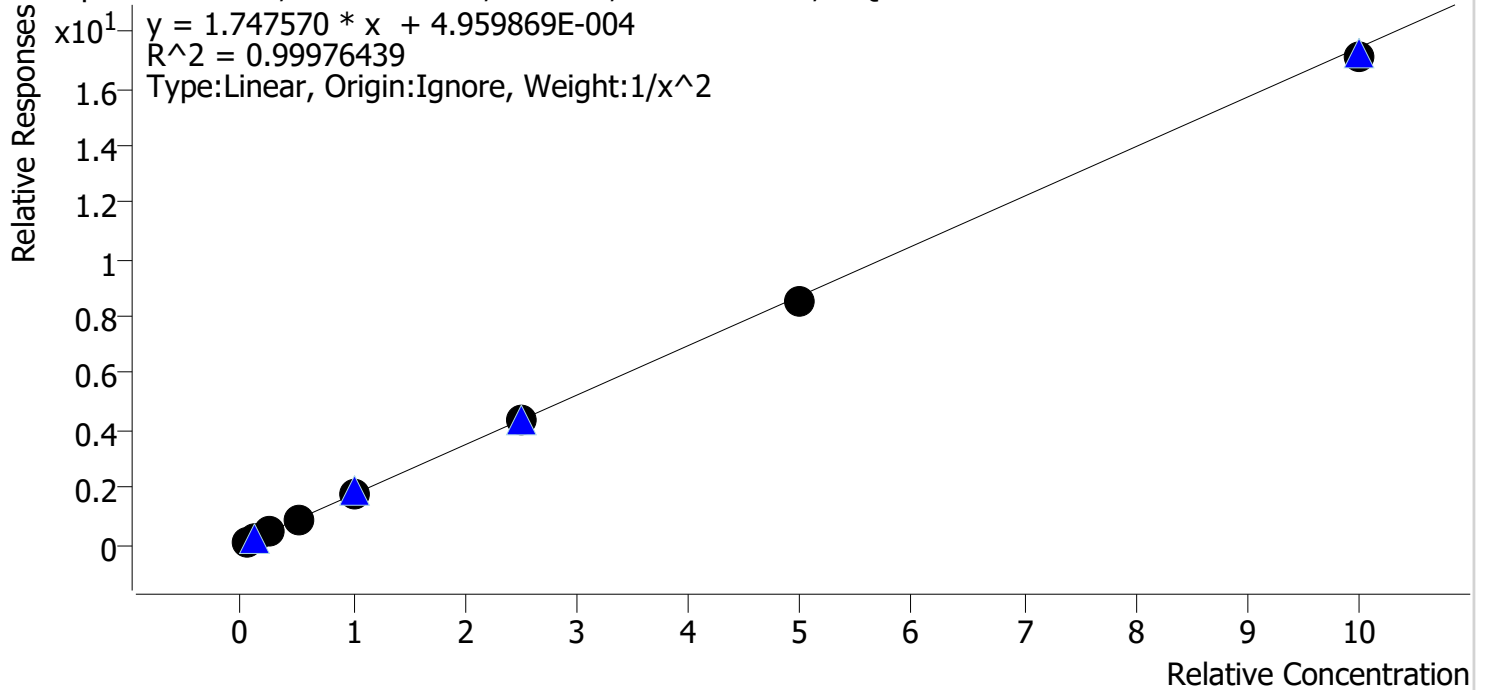
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Oxazepam

BW

Internal Standard Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.4
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	50.6	101.3
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdq	6	✓	250.0	252.7	101.1
cal 7 mdq	7	✓	500.0	490.7	98.1
cal 8 mdq	8	✓	1000.0	983.2	98.3

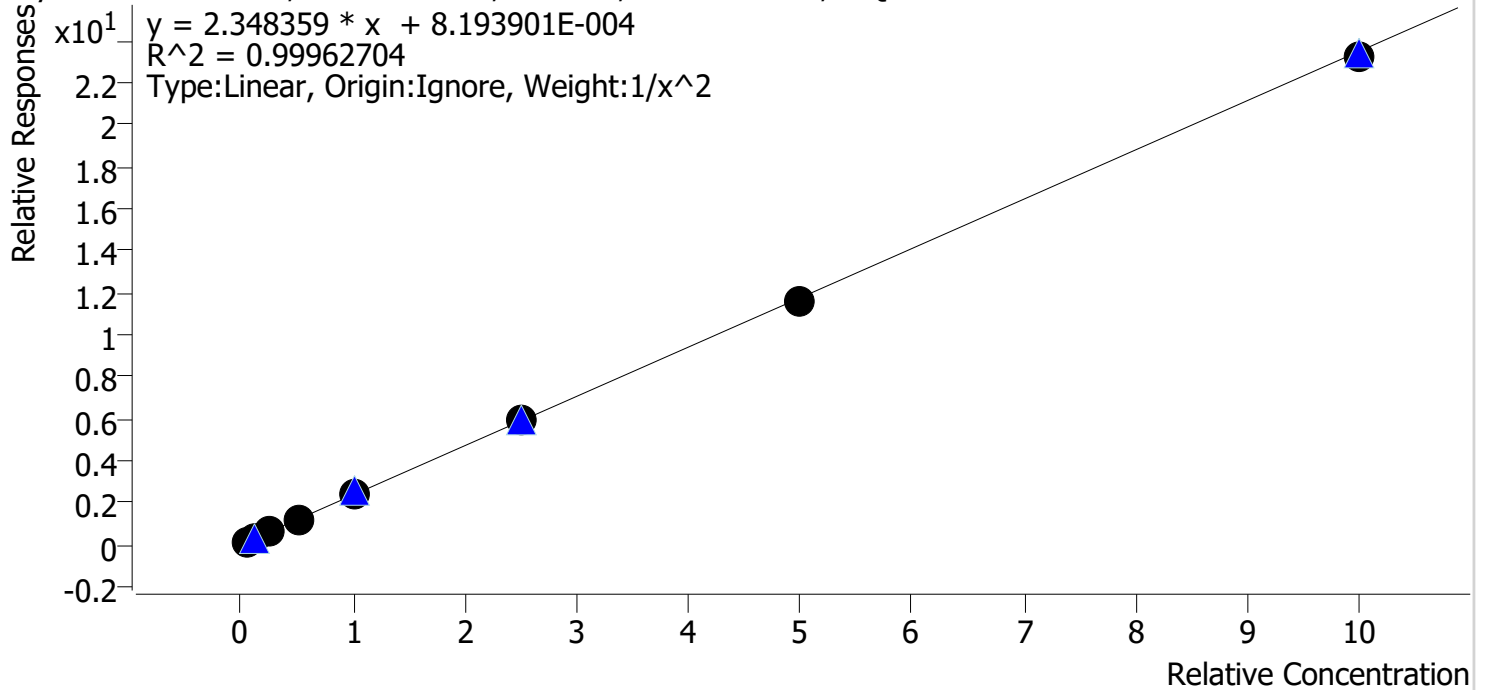
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Oxycodone

BW

Internal Standard Oxycodone-D6

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



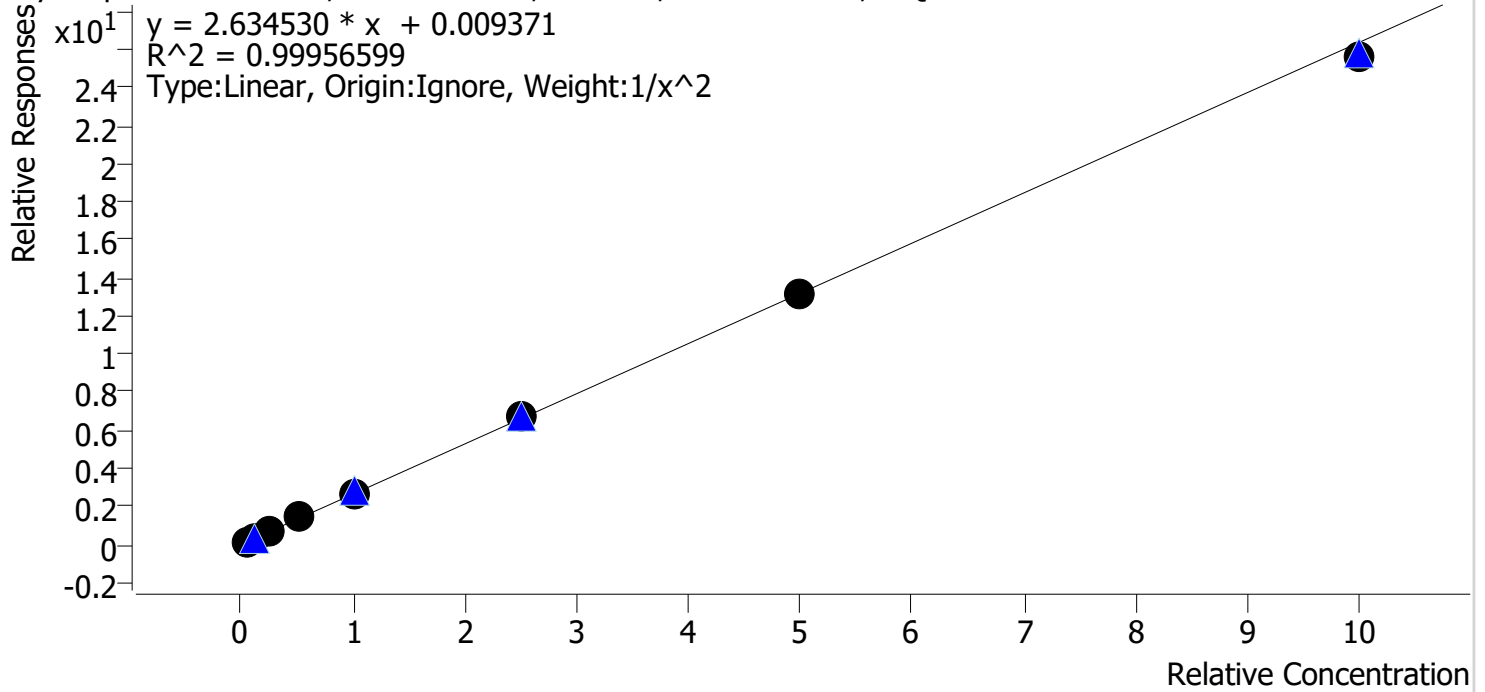
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	251.6	100.6
cal 7 mdq	7	✓	500.0	493.6	98.7
cal 8 mdq	8	✓	1000.0	986.8	98.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Oxymorphone *BW*

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	99.9
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.8	99.1
cal 4 mdq	4	✓	50.0	51.9	103.8
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	251.4	100.6
cal 7 mdq	7	✓	500.0	495.9	99.2
cal 8 mdq	8	✓	1000.0	975.0	97.5

Compound Calibration Report

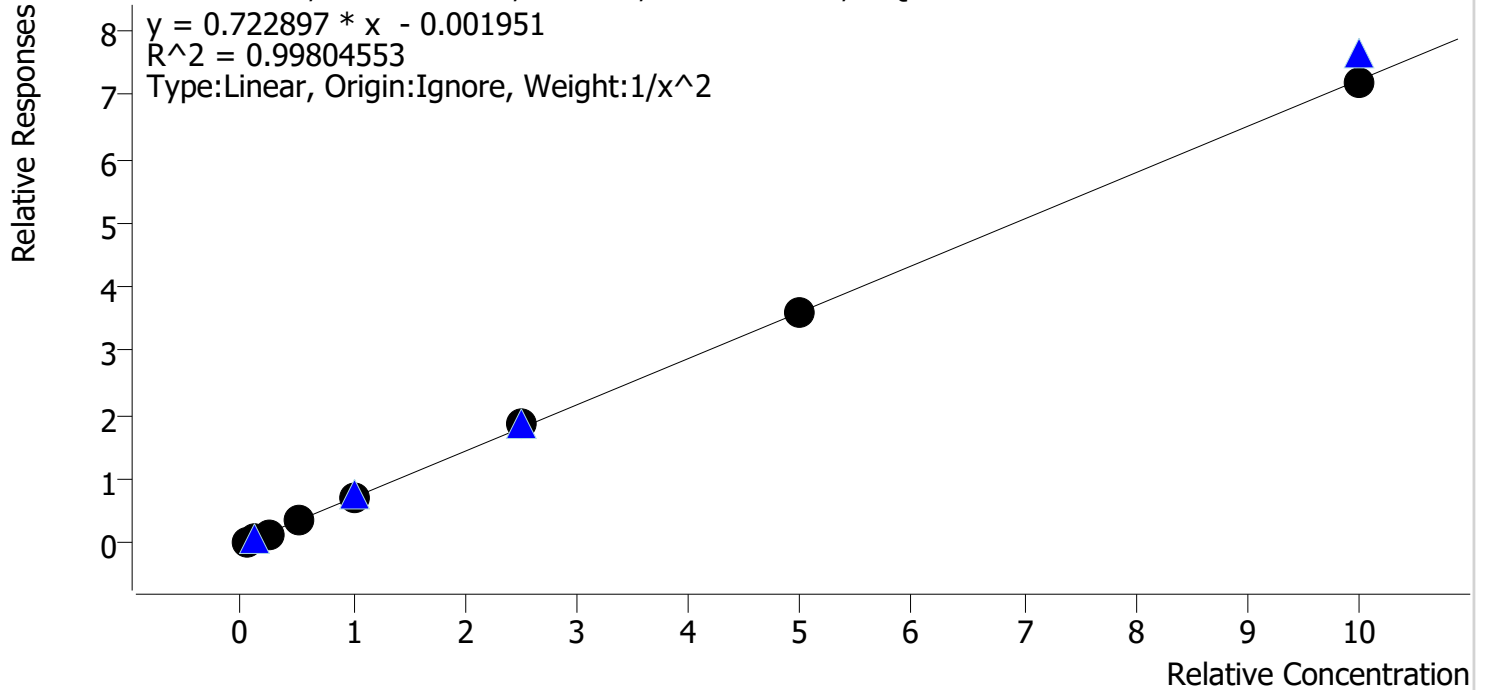
Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Phentermine

BW

Internal Standard

Phentermine-D5

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



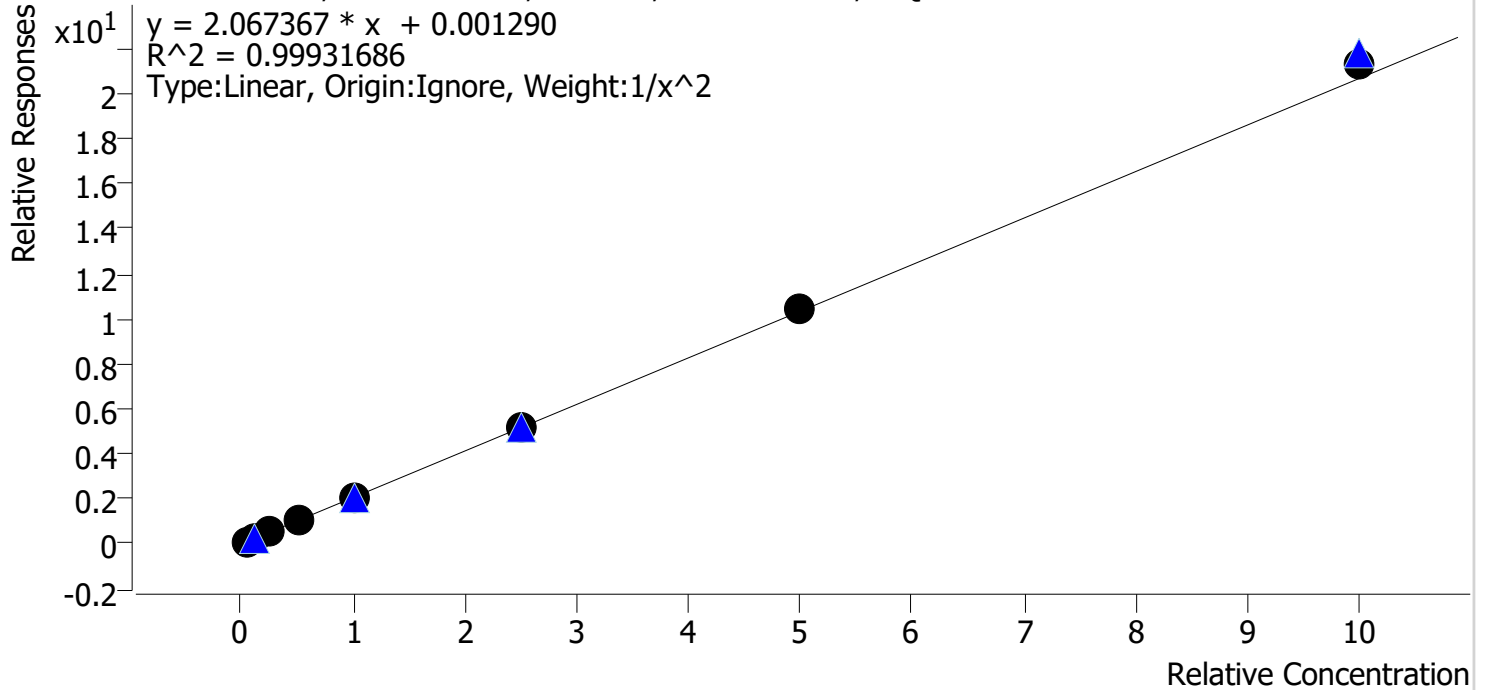
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.5
cal 2 mdq	2	✓	10.0	9.4	94.5
cal 3 mdq	3	✓	25.0	23.6	94.6
cal 4 mdq	4	✓	50.0	50.9	101.8
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	263.0	105.2
cal 7 mdq	7	✓	500.0	501.2	100.2
cal 8 mdq	8	✓	1000.0	995.2	99.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

BW

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	23.8	95.3
cal 4 mdq	4	✓	50.0	50.3	100.5
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	505.1	101.0
cal 8 mdq	8	✓	1000.0	1032.1	103.2

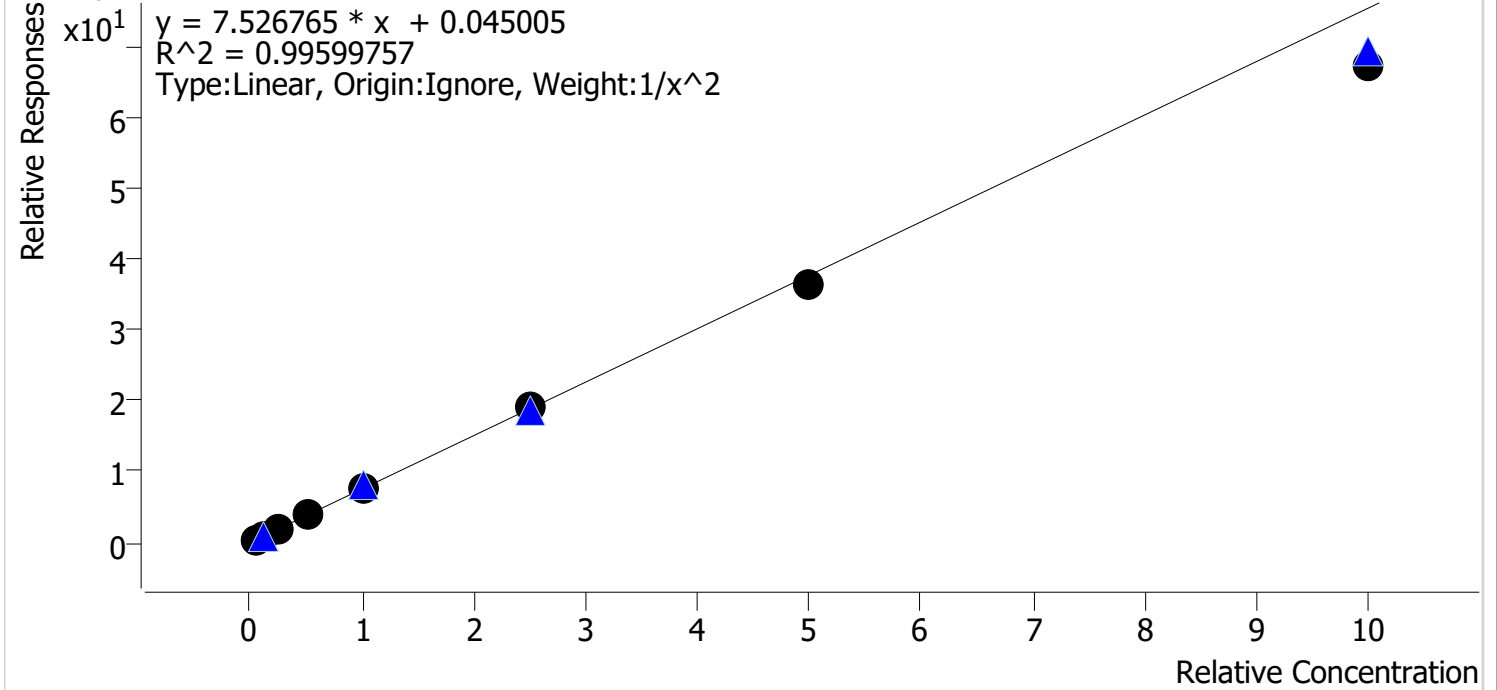
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Quetiapine

BW

Internal Standard Quetiapine-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.3
cal 2 mdq	2	✓	10.0	10.3	103.0
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	53.8	107.6
cal 5 mdq	5	✓	100.0	101.6	101.6
cal 6 mdq	6	✓	250.0	255.9	102.4
cal 7 mdq	7	✓	500.0	484.9	97.0
cal 8 mdq	8	✓	1000.0	891.9	89.2

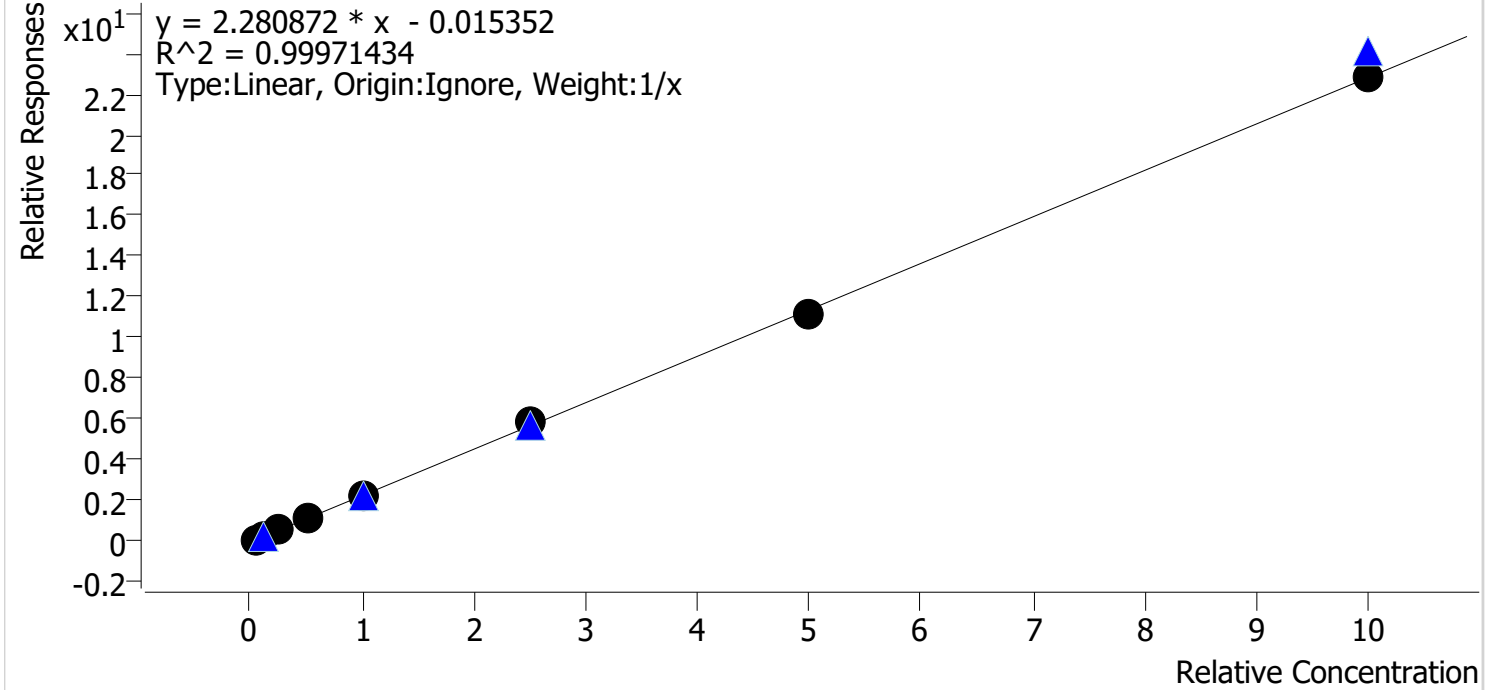
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Sertraline

BW

Internal Standard Sertraline-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	50.1	100.2
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	259.0	103.6
cal 7 mdq	7	✓	500.0	491.5	98.3
cal 8 mdq	8	✓	1000.0	998.8	99.9

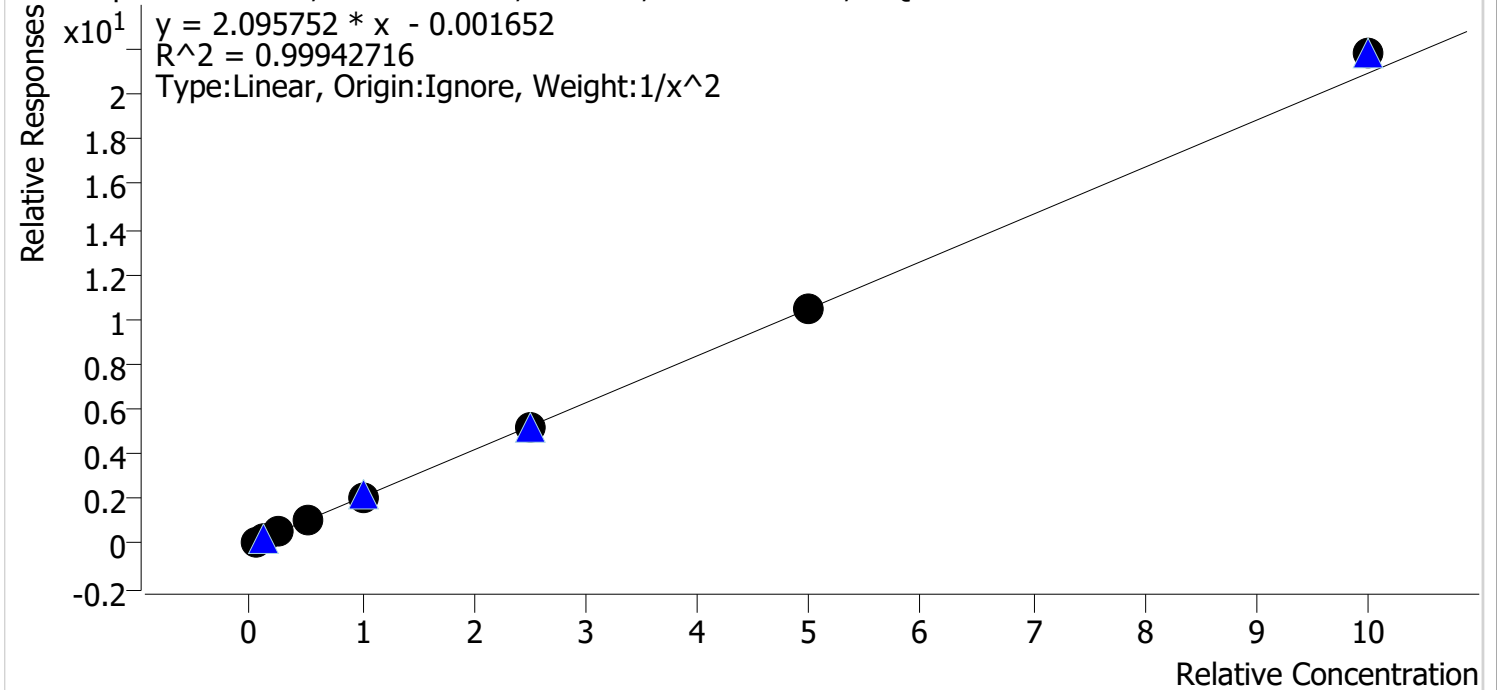
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Temazepam

BW

Internal Standard Temazepam-D5

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

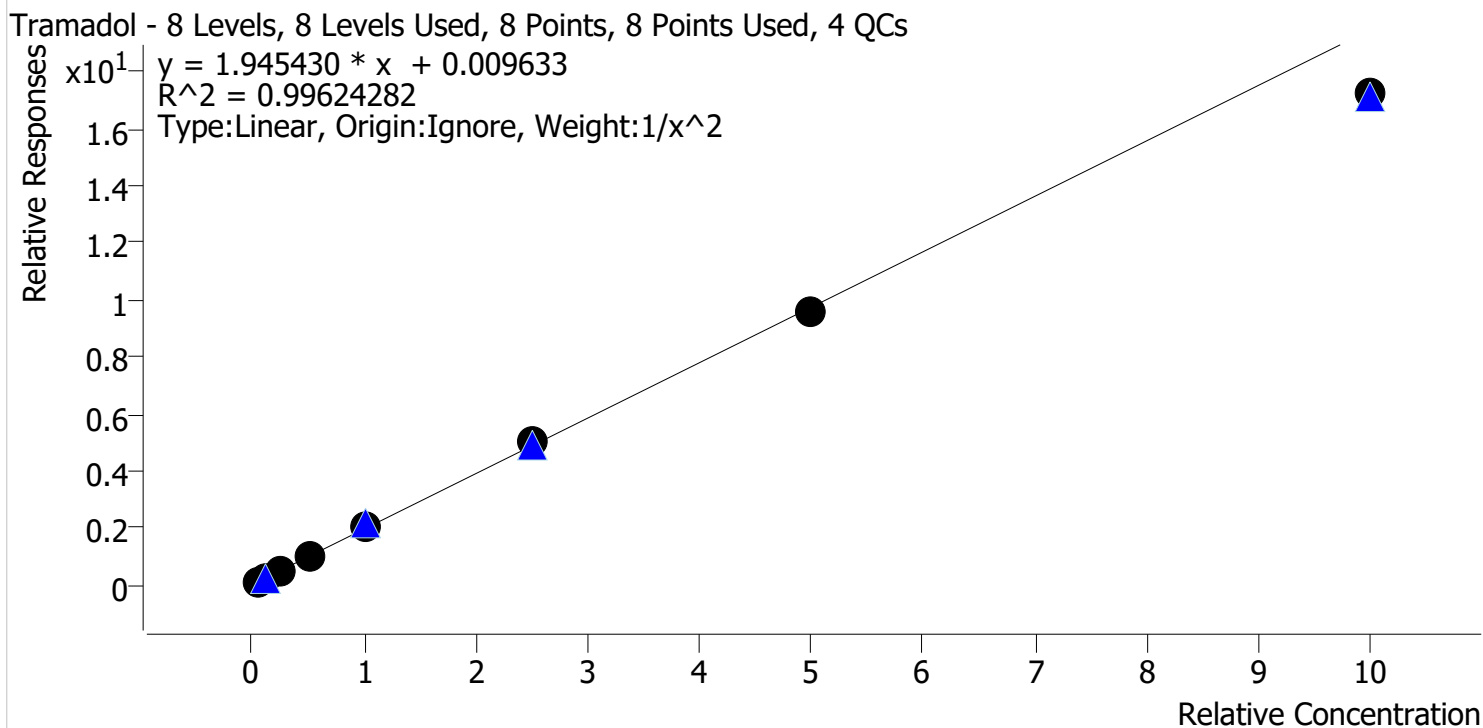


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	49.8	99.6
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	248.5	99.4
cal 7 mdq	7	✓	500.0	502.0	100.4
cal 8 mdq	8	✓	1000.0	1041.5	104.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Tramadol *BW*

Internal Standard Tramadol-13C-D3

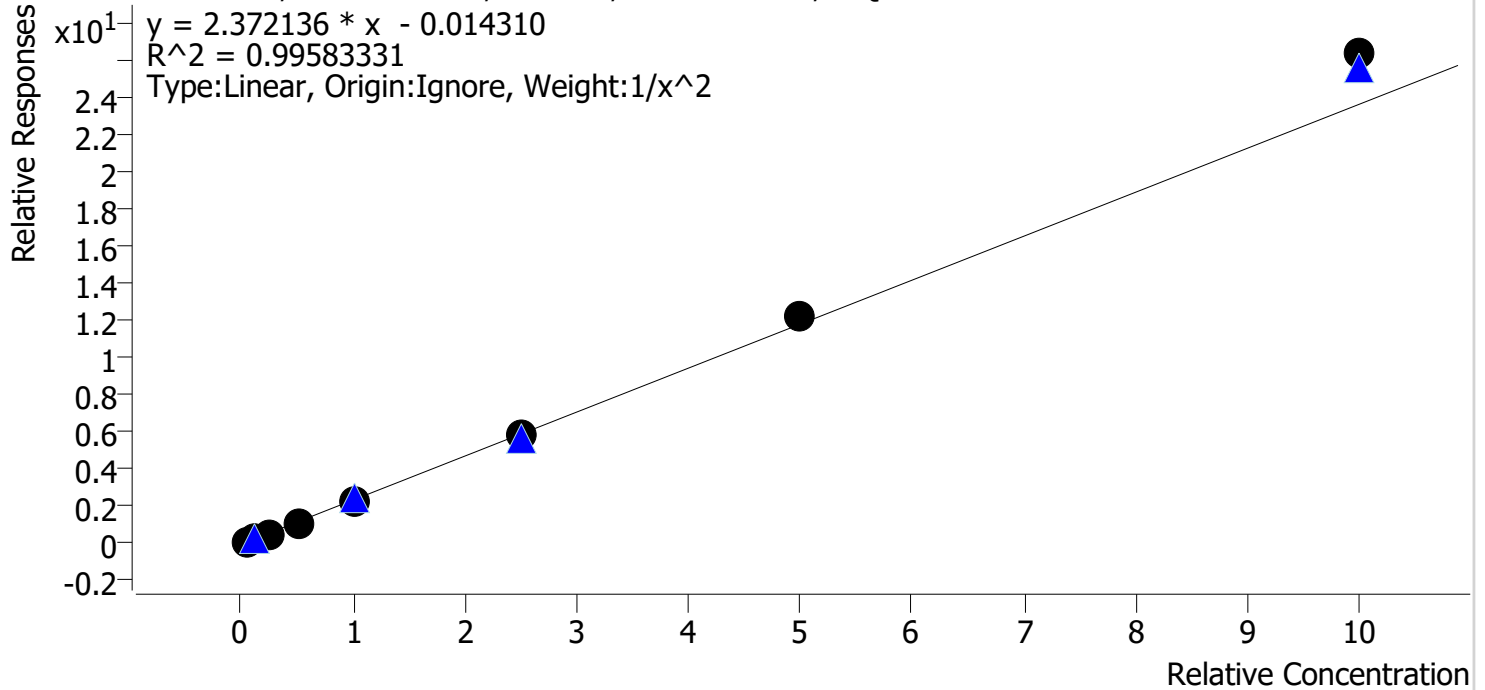


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	25.9	103.4
cal 4 mdq	4	✓	50.0	53.0	106.1
cal 5 mdq	5	✓	100.0	103.2	103.2
cal 6 mdq	6	✓	250.0	255.0	102.0
cal 7 mdq	7	✓	500.0	491.7	98.3
cal 8 mdq	8	✓	1000.0	885.2	88.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Trazodone *BW*
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	102.2
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	23.9	95.8
cal 4 mdq	4	✓	50.0	47.0	94.0
cal 5 mdq	5	✓	100.0	95.7	95.7
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	514.5	102.9
cal 8 mdq	8	✓	1000.0	1115.3	111.5

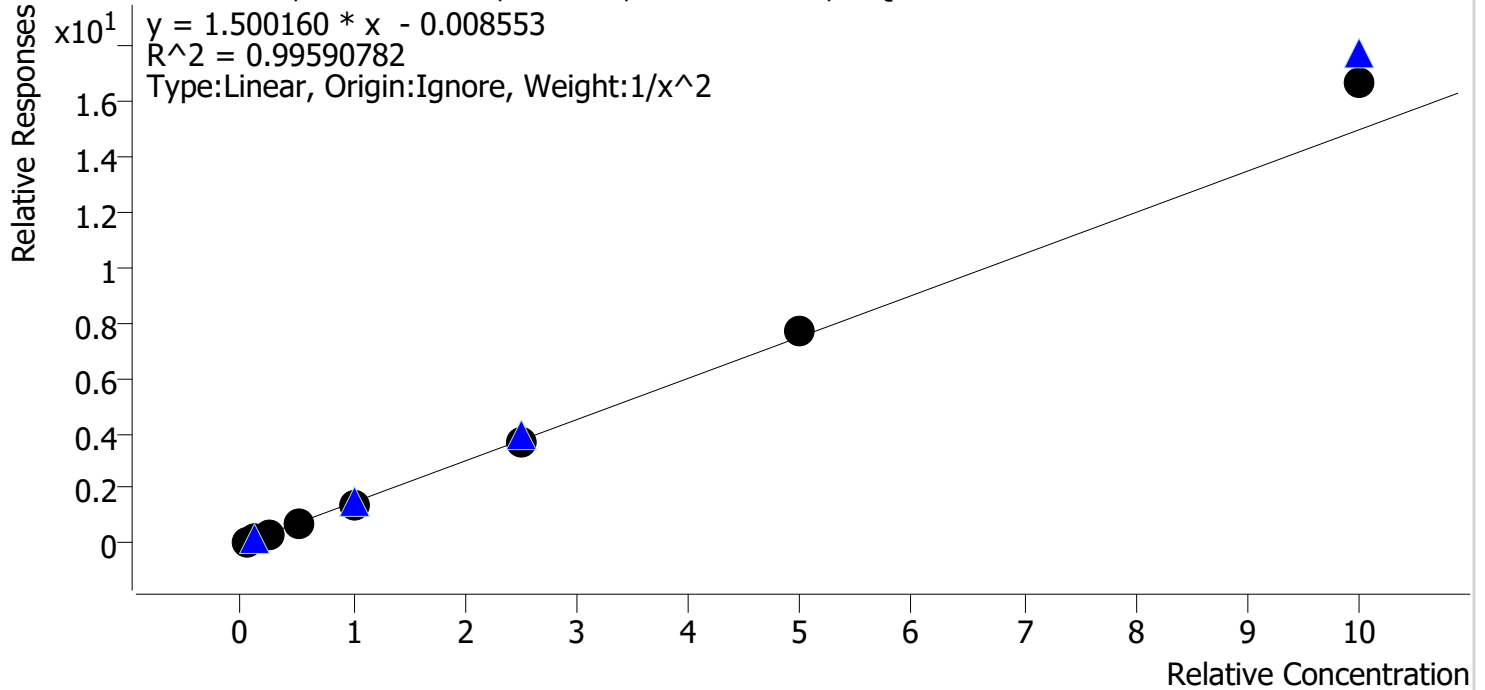
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Venlafaxine

BW

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	5.1	102.8
cal 2 mdq	2	✓	10.0	9.8	97.6
cal 3 mdq	3	✓	25.0	23.5	94.0
cal 4 mdq	4	✓	50.0	48.8	97.6
cal 5 mdq	5	✓	100.0	95.1	95.1
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	515.0	103.0
cal 8 mdq	8	✓	1000.0	1112.6	111.3

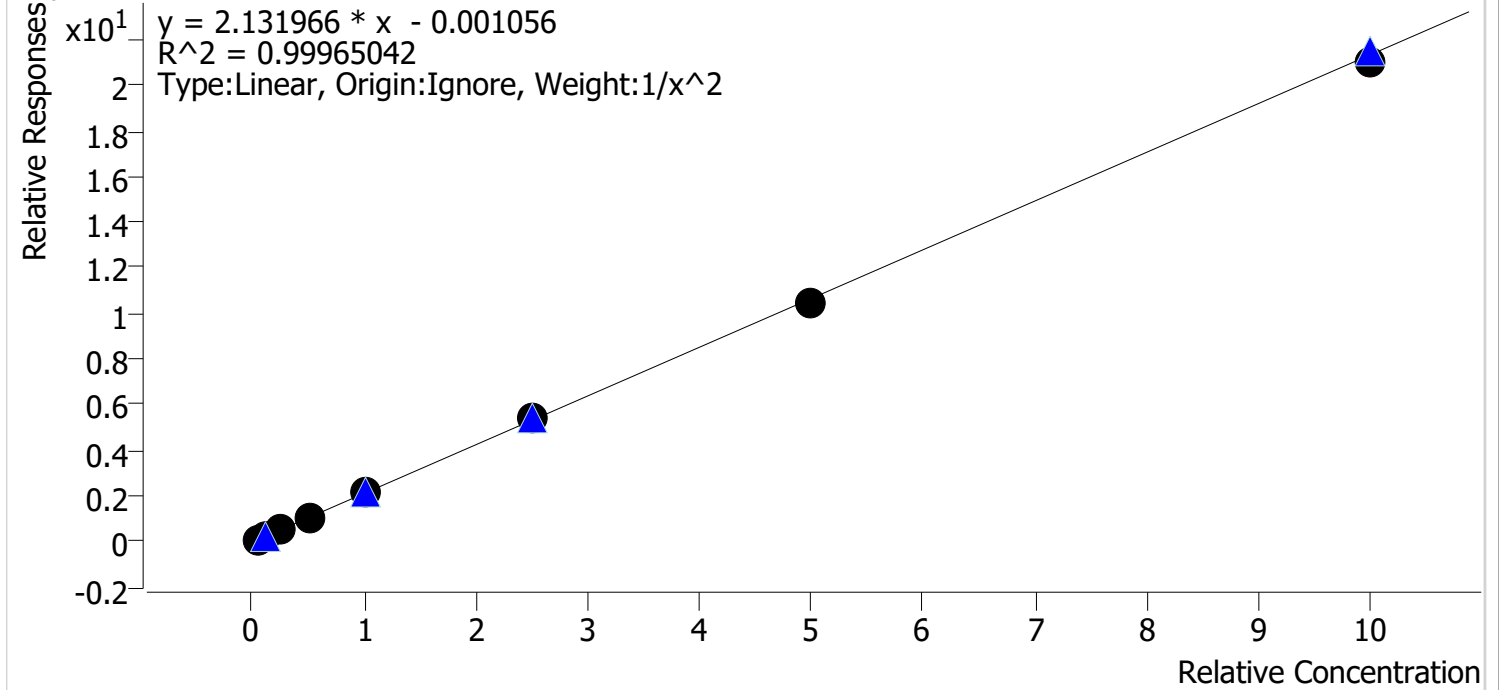
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte Zolpidem

BW

Internal Standard Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.2	101.5
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	51.3	102.6
cal 5 mdq	5	✓	100.0	100.7	100.7
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	492.1	98.4
cal 8 mdq	8	✓	1000.0	984.1	98.4

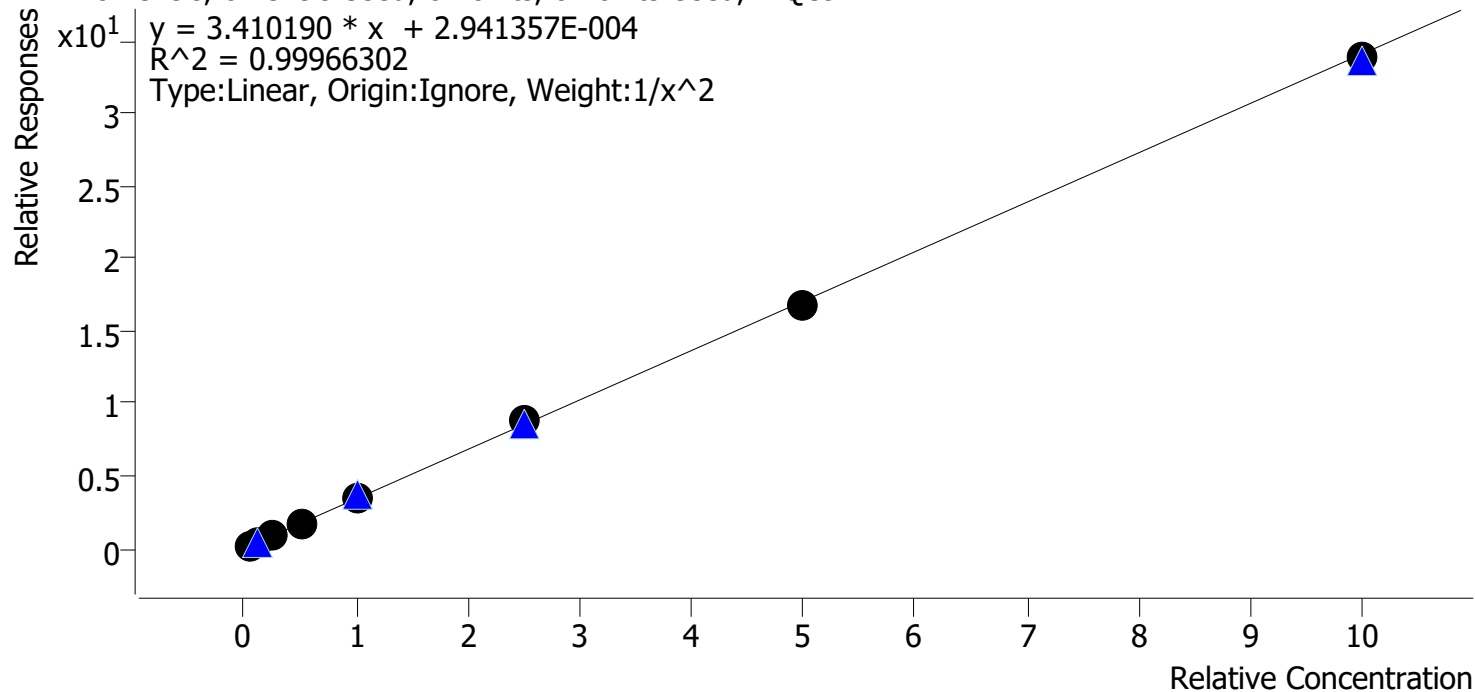
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte MDA

BW

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	100.6
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	50.9	101.7
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	257.3	102.9
cal 7 mdq	7	✓	500.0	494.3	98.9
cal 8 mdq	8	✓	1000.0	992.7	99.3

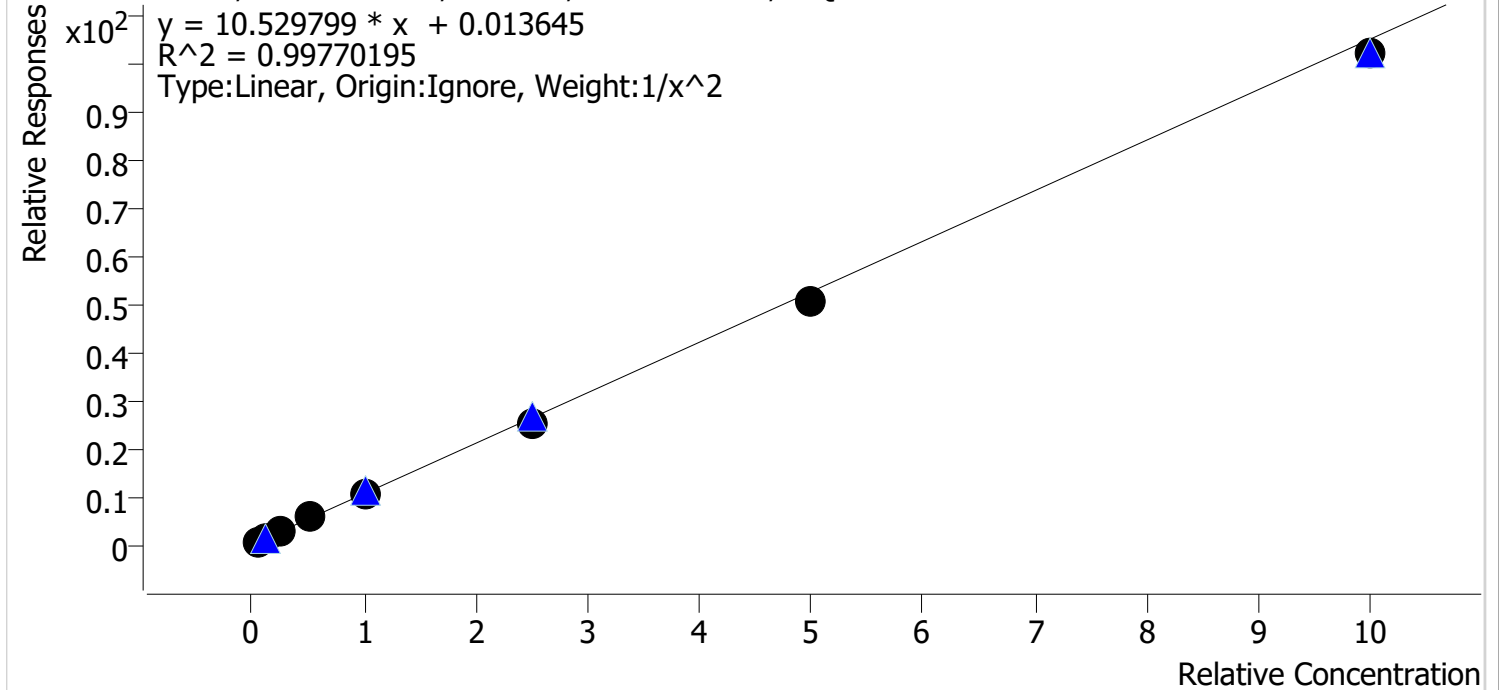
Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte MDMA

BW

Internal Standard MDMA-D6

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



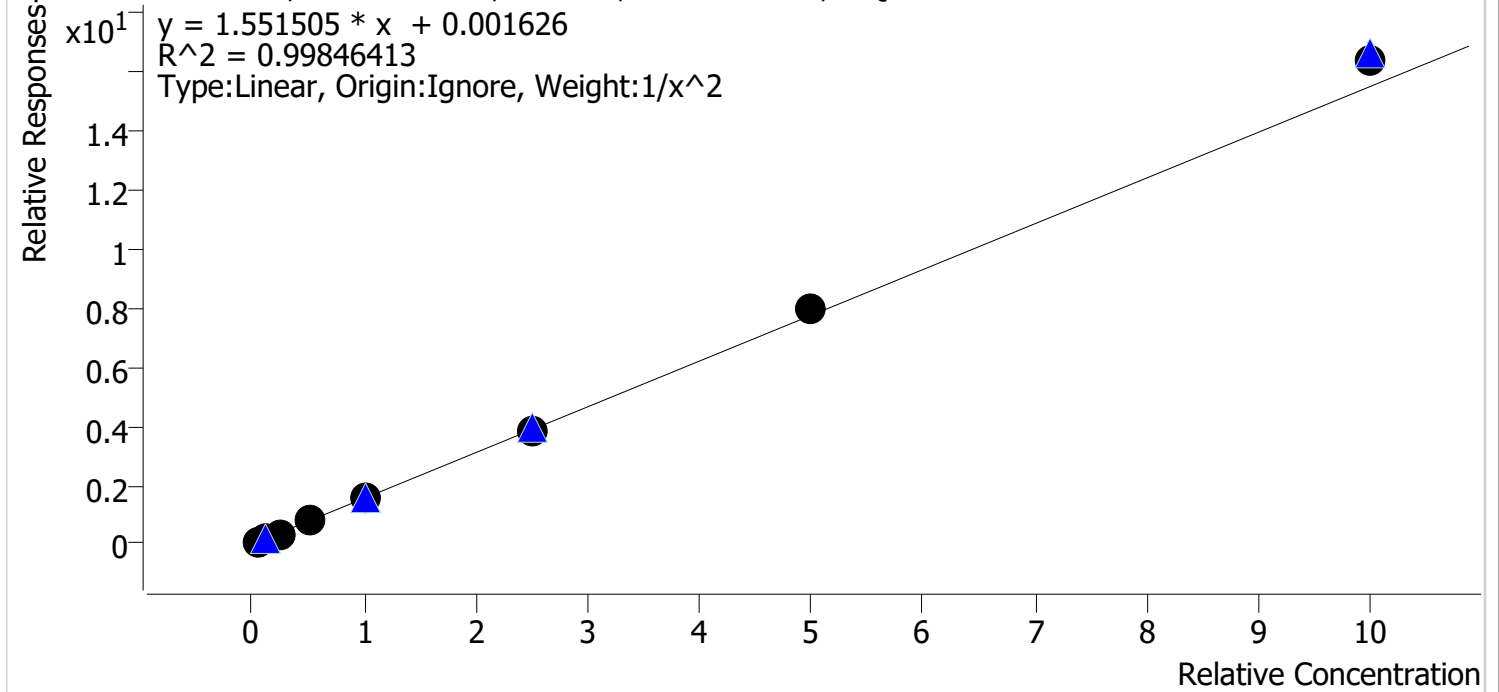
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	54.3	108.7
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	241.1	96.4
cal 7 mdq	7	✓	500.0	483.1	96.6
cal 8 mdq	8	✓	1000.0	970.1	97.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Last Cal. Update 8/13/2020 7:00 AM
Analyst Name ISP\datastor
Analyte alpha-PHP *BW*

Internal Standard alpha-PVP-d8

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



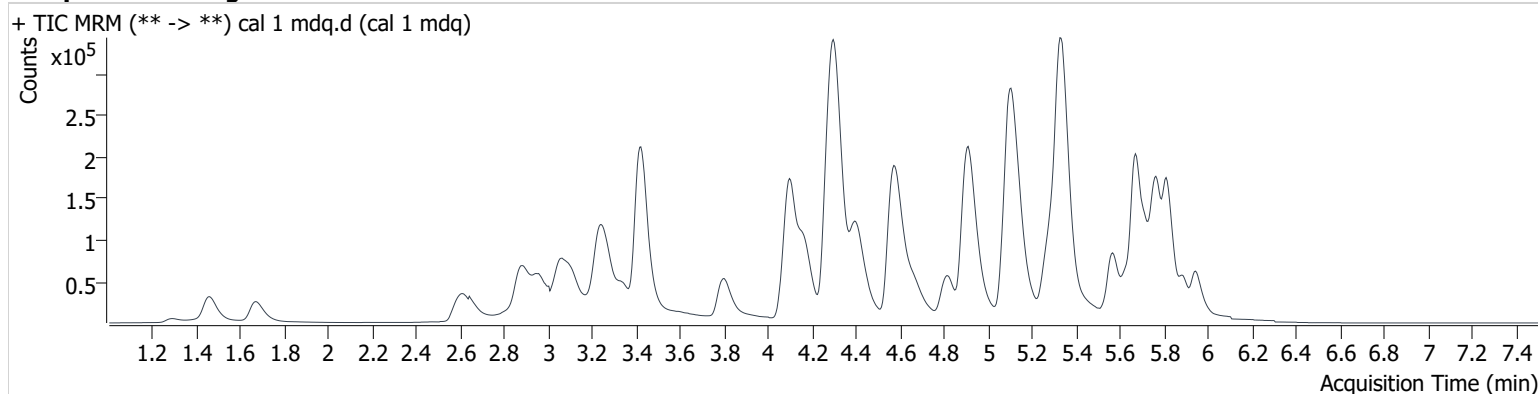
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.6
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	23.6	94.3
cal 4 mdq	4	✓	50.0	49.7	99.5
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	510.3	102.1
cal 8 mdq	8	✓	1000.0	1053.8	105.4

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 7:14:53 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	764	448.7	89.9	730.3	32918	0.499 ng/ml
7-aminoclonazepam	4.308	15006	4114.8	99.2	4000.3	121742	4.984 ng/ml
a-hydroxyalprazolam	5.702	2664	265.6	60.2	993.1	30819	4.937 ng/ml
alpha-PPH	4.975	28914	3406.1	38.8	503.9	356029	5.130 ng/ml
alpha-PVP	4.413	44556	4127.2	47.1	840.0	356029	5.067 ng/ml
Alprazolam	5.781	17807	3295.2	125.2	2284.4	142677	5.154 ng/ml
Amphetamine	3.115	40019	497.6	50.8	435.9	133797	5.045 ng/ml
Benzoylecgonine	3.915	1113	115.8	9.1	17.6	7148	5.057 ng/ml
Buprenorphine	5.701	377	28.1	9.5 Low	242.1	31413	1.015 ng/ml
Bupropion	4.827	28552	2013.1	66.6	686.4	193872	5.039 ng/ml
Carisoprodol	5.726	12362	757.1	69.5	79.7	125238	4.915 ng/ml
Citalopram	5.266	29872	547.1	40.5	19992.6	273486	5.062 ng/ml
Clonazepam	5.625	18563	682.3	31.3	5705.2	57563	4.871 ng/ml
Cocaine	4.307	44806	17650.7	43.3	4707.5	642400	5.001 ng/ml
Codeine	2.659	4108	267.4	119.3	369.6	46418	5.087 ng/ml
Cyclobenzaprine	5.643	14061	3247.8	8.0	1600.2	91421	4.972 ng/ml
Dextromethorphan	5.310	15953	4703.5	85.2	1993.2	172702	4.961 ng/ml
Dextrorphan	4.171	11145	29125.0	216.2	67275.3	269316	5.079 ng/ml
Diazepam	5.947	14896	6337.7	80.2	2836.5	137466	5.021 ng/ml
Dihydrocodeine	2.623	11632	15363.3	55.7	178.7	127130	5.087 ng/ml
Diphenhydramine	5.337	94098	10252.1	27.9	574.4	983958	5.026 ng/ml
Doxylamine	4.584	104239	8050.5	99.6	4081.1	827627	5.095 ng/ml
EDDP	5.299	8507	14023.5	236.2	551.4	188237	5.155 ng/ml
Fentanyl	5.141	2184	45.1	77.6	3689.5	238641	0.704 ng/ml
Fluoxetine	5.719	7753	90.3	6.1	829.4	51080	4.941 ng/ml
Hydrocodone	3.086	18952	1569.1	34.6	80.0	209396	4.993 ng/ml
Hydromorphone	1.677	13644	2105.2	74.0	2441.2	87115	5.088 ng/ml
Ketamine	4.096	35136	1086.4	36.1	214.6	290792	5.009 ng/ml
Lamotrigine	4.335	2512	384.3	91.2	787.9	290792	4.801 ng/ml
Lorazepam	5.754	16995	673.6	52.0	30.7	57563	4.887 ng/ml
MDA	3.262	49279	95.8	23.8	56.2	286729	5.031 ng/ml
MDMA	3.348	33666	2486.5	87.3	598.8	63492	4.906 ng/ml
Meprobamate	4.945	11501	2372.5	28.9	234.1	87726	5.012 ng/ml

BW

AM #28 Multi-Drug Quant. Results

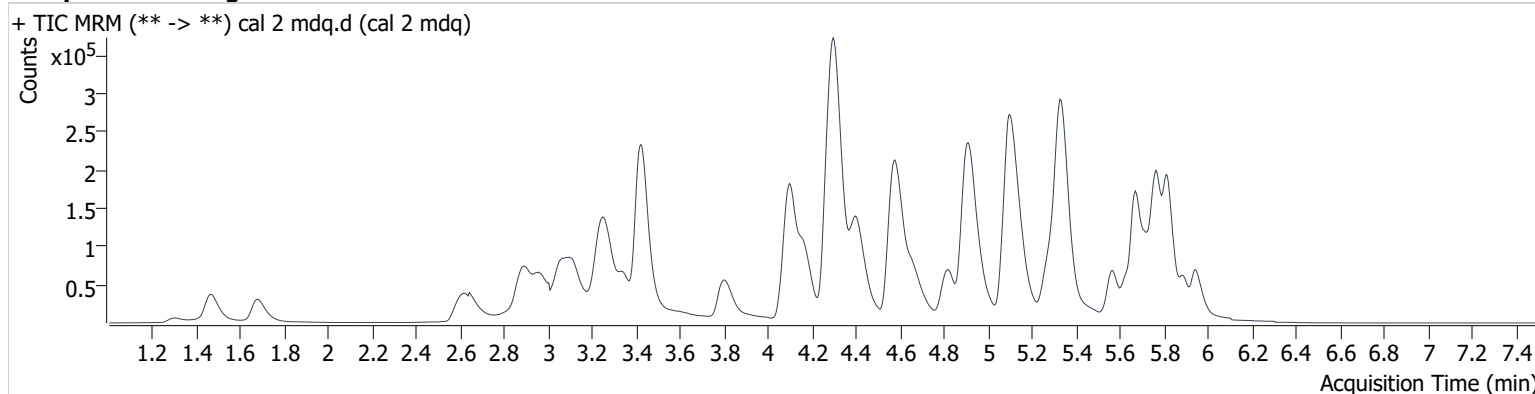
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	48990	2257.7	55.9	1510.4	494440	5.094 ng/ml
Methamphetamine	3.283	29230	45.3	46.3	31.9	183634	4.590 ng/ml
Metoprolol	4.369	6380	6788.5	97.2	578.3	290792	4.984 ng/ml
Mirtazapine	4.671	62055	1218.2	48.8	8402.8	494440	4.910 ng/ml
Mitragynine	5.265	6933	204.7	27.4	3021.8	494440	5.213 ng/ml
Morphine	1.301	2132	2064.1	19.8	744.8	5175	4.844 ng/ml
Norbuprenorphine	5.058	63	127.5	109.4	161.1	5952	0.934 ng/ml
Nordiazepam	5.896	13516	25947.6	58.9	3832.7	94641	5.022 ng/ml
Norfentanyl	4.132	780	285.6	280.5	62.8	485579	0.526 ng/ml
Noroxycodone	2.969	14456	33.7	45.0	66.7	111885	4.702 ng/ml
O-desmethyl-tramadol	3.425	70801	9977.9	6.0	288.9	773270	5.080 ng/ml
Oxazepam	5.761	23470	641.2	81.4	183.8	268669	4.970 ng/ml
Oxycodone	2.907	38325	819.9	28.4	23886.9	322389	5.027 ng/ml
Oxymorphone	1.459	19310	160.3	39.8	2321.1	137017	4.994 ng/ml
Phentermine	3.836	7379	37.2	7.7	17.3	208056	5.176 ng/ml
Promethazine	5.570	19858	1022.8	37.5	99.1	187922	5.049 ng/ml
Quetiapine	5.552	26106	3302.1	51.4	23212.4	63480	4.866 ng/ml
Sertraline	5.786	2267	663.7	113.5	957.4	22782	5.036 ng/ml
Temazepam	5.818	39434	1020.9	30.7	149.1	379397	5.038 ng/ml
Tramadol	4.288	89212	5765.1	3.3	53.8	844223	4.937 ng/ml
Trazodone	5.151	43866	106992.8	66.7	203.8	410244	5.111 ng/ml
Venlafaxine	5.092	48212	13209.9	43.6	40.0	703213	5.140 ng/ml
Zolpidem	4.921	82310	4463.1	31.7	737.7	785631	4.964 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 7:25:43 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	1448	3929.3	83.1	582.7	32116	1.019 ng/ml
7-aminoclonazepam	4.308	32470	1081.7	93.6	3974.8	130941	10.030 ng/ml
a-hydroxyalprazolam	5.707	6093	2361.4	57.7	13093.1	32621	10.233 ng/ml
alpha-PHP	4.970	54541	3457.3	39.7	486.0	358055	9.713 ng/ml
alpha-PVP	4.408	86057	5083.4	46.9	470.5	358055	9.807 ng/ml
Alprazolam	5.781	36339	476.3	118.0	2013.8	147015	9.768 ng/ml
Amphetamine	3.120	86411	1538.2	52.3	303.3	153038	9.438 ng/ml
Benzoylcegonine	3.920	2263	172.0	6.5	87.0	7266	10.169 ng/ml
Buprenorphine	5.696	627	40.0	16.4	291.3	23087	1.517 ng/ml
Bupropion	4.827	60242	1563.0	64.1	1680.9	205310	9.935 ng/ml
Carisoprodol	5.731	26427	1109.3	67.2	240.2	128214	10.308 ng/ml
Citalopram	5.271	39397	2313.3	39.7	3513.4	180872	9.850 ng/ml
Clonazepam	5.625	36878	684.8	28.3	13639.2	58084	10.199 ng/ml
Cocaine	4.312	82488	195794.9	43.8	17349.5	602331	10.031 ng/ml
Codeine	2.659	7833	908.6	126.9	17667.7	46165	9.580 ng/ml
Cyclobenzaprine	5.648	15484	33283.0	7.0	62.3	50097	10.198 ng/ml
Dextromethorphan	5.310	26483	5069.8	78.5	24287.7	132403	10.346 ng/ml
Dextrophan	4.171	18241	36433.0	219.4	445.9	233211	9.651 ng/ml
Diazepam	5.952	28325	4000.8	88.0	1055.6	134041	10.022 ng/ml
Dihydrocodeine	2.628	21741	1539.7	62.4	4282.3	125165	9.737 ng/ml
Diphenhydramine	5.337	141663	8729.1	27.3	56575.1	751063	10.006 ng/ml
Doxylamine	4.584	189771	17072.4	101.4	15320.7	780010	9.816 ng/ml
EDDP	5.305	12046	4932.2	238.4	5341.2	148802	9.340 ng/ml
Fentanyl	5.136	3148	164.2	84.0	4197.6	176014	1.128 ng/ml
Fluoxetine	5.719	8508	15718.0	8.2	613.6	31504	9.519 ng/ml
Hydrocodone	3.086	36707	55.7	33.0	79.8	200076	10.470 ng/ml
Hydromorphone	1.682	27369	783.5	74.0	5357.8	89041	9.705 ng/ml
Ketamine	4.096	67412	3592.0	39.4	278.1	295219	9.884 ng/ml
Lamotrigine	4.340	5747	1161.5	83.5	8473.6	295219	10.760 ng/ml
Lorazepam	5.754	32320	1369.2	51.7	197.7	58084	10.148 ng/ml
MDA	3.262	95474	936.1	24.2	232.4	282401	9.905 ng/ml
MDMA	3.348	66368	42158.7	81.0	2208.7	61447	10.128 ng/ml
Meprobamate	4.950	23088	46575.7	29.5	173.3	90481	9.924 ng/ml

AM #28 Multi-Drug Quant. Results

BW

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	72224	3758.6	57.8	2373.1	369897	9.850 ng/ml
Methamphetamine	3.288	52067	1200.0	39.1	52.1	205285	10.090 ng/ml
Metoprolol	4.364	11927	421.4	92.9	1516.3	295219	9.779 ng/ml
Mirtazapine	4.666	96930	16573.0	46.0	2972.7	369897	10.157 ng/ml
Mitragynine	5.260	9029	793.6	34.4	5303.4	369897	9.103 ng/ml
Morphine	1.301	4133	280.7	20.7	289.2	4895	10.602 ng/ml
Norbuprenorphine	5.022	95	1.7 Low	140.8 High	244.6	4214	1.546 ng/ml
Nordiazepam	5.891	25906	62250.6	59.8	18026.7	91778	10.045 ng/ml
Norfentanyl	4.117	1292	92.7	297.8	246.6	475317	0.910 ng/ml
Noroxycodone	2.979	29518	685.8	35.1	1043.2	94695	10.820 ng/ml
O-desmethyl-tramadol	3.425	139473	4000.9	5.7	631.7	780199	9.843 ng/ml
Oxazepam	5.761	47637	114.7	75.5	516.6	269093	10.102 ng/ml
Oxycodone	2.901	72901	1200.2	28.0	1311.1	312269	9.906 ng/ml
Oxymorphone	1.469	37255	748.5	44.9	5425.8	136752	9.985 ng/ml
Phentermine	3.826	14376	115.9	8.6	48.4	216647	9.449 ng/ml
Promethazine	5.570	23257	655.8	36.4	327.2	112040	9.978 ng/ml
Quetiapine	5.557	37803	2553.7	52.3	9619.7	46105	10.296 ng/ml
Sertraline	5.797	2338	78.7	103.6	7083.5	11182	9.839 ng/ml
Temazepam	5.818	79010	1893.2	29.8	161.3	380284	9.992 ng/ml
Tramadol	4.288	171125	29733.6	3.3	69.5	840513	9.970 ng/ml
Trazodone	5.151	67561	1132.7	69.3	910.6	307230	9.874 ng/ml
Venlafaxine	5.081	94233	42071.5	42.0	256.3	683280	9.763 ng/ml
Zolpidem	4.921	170158	2968.4	31.6	946.8	789913	10.154 ng/ml

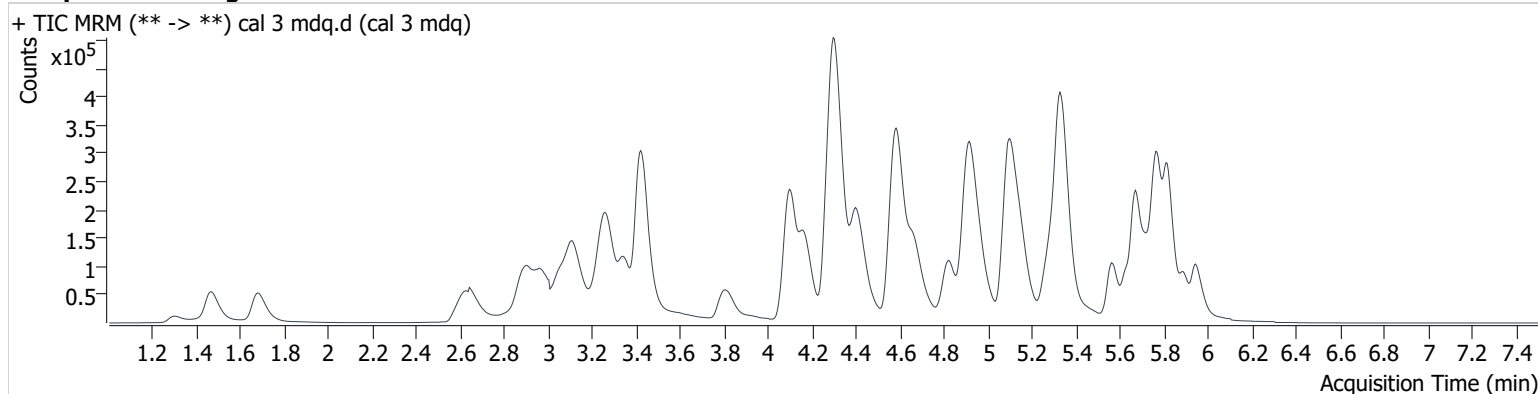
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 7:36:30 PM		

Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.197	3822	197.5	79.2	12414.6	36902	2.409 ng/ml
7-aminoclonazepam	4.308	87380	17099.6	94.8	13465.2	141581	24.967 ng/ml
a-hydroxyalprazolam	5.707	16009	2540.0	58.6	12502.8	34143	25.125 ng/ml
alpha-PHP	4.970	140066	3078.2	38.9	798.8	381048	23.587 ng/ml
alpha-PVP	4.408	227947	4021.2	47.5	5808.3	381048	24.531 ng/ml
Alprazolam	5.776	93716	18683.9	122.1	6541.1	157587	22.872 ng/ml
Amphetamine	3.120	259221	1546.7	45.5	1727.0	163189	26.379 ng/ml
Benzoylcegonine	3.925	5547	205.4	8.6	1363.8	8261	21.987 ng/ml
Buprenorphine	5.706	1308	471.0	20.3	550.9	22052	2.583 ng/ml
Bupropion	4.827	159599	2178.7	66.5	2111.3	221169	24.278 ng/ml
Carisoprodol	5.731	66169	11060.5	70.6	1803.5	132668	25.002 ng/ml
Citalopram	5.266	107031	1184.0	37.1	689.8	196105	24.310 ng/ml
Clonazepam	5.625	97885	5487.3	29.6	14094.4	62769	25.967 ng/ml
Cocaine	4.312	210941	374961.0	44.6	2637.4	635843	24.611 ng/ml
Codeine	2.659	21757	2383.7	111.6	6883.2	47598	25.491 ng/ml
Cyclobenzaprine	5.643	36204	2923.7	8.1	5778.2	49052	24.638 ng/ml
Dextromethorphan	5.310	71524	9648.3	80.7	30202.4	152818	23.754 ng/ml
Dextrophan	4.171	60412	132717.0	214.8	7084.4	301756	24.793 ng/ml
Diazepam	5.947	73567	3976.6	89.6	2723.1	148258	23.860 ng/ml
Dihydrocodeine	2.628	58393	575.5	61.4	13596.3	138225	23.809 ng/ml
Diphenhydramine	5.337	358241	9892.9	28.9	6806.1	781830	24.445 ng/ml
Doxylamine	4.584	509290	298106.9	100.7	78793.8	858714	23.888 ng/ml
EDDP	5.299	38342	65528.0	221.6	515.0	178704	24.976 ng/ml
Fentanyl	5.141	7045	214.9	78.3	8273.0	155994	2.453 ng/ml
Fluoxetine	5.719	16984	10928.1	6.5	1020.3	26758	23.634 ng/ml
Hydrocodone	3.086	82800	3492.6	40.2	71.7	221669	21.668 ng/ml
Hydromorphone	1.682	79045	3202.4	76.7	5286.5	102742	23.853 ng/ml
Ketamine	4.096	175290	13456.0	38.1	1277.0	311550	25.044 ng/ml
Lamotrigine	4.340	14083	1433.3	88.9	23140.8	311550	24.921 ng/ml
Lorazepam	5.754	85656	2480.0	50.6	612.6	62769	26.427 ng/ml
MDA	3.262	249985	1818.5	23.1	605.4	297942	24.595 ng/ml
MDMA	3.348	172870	116370.1	82.8	3250.3	63644	25.666 ng/ml
Meprobamate	4.945	58934	418.2	27.7	779.5	93273	24.836 ng/ml

BW

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	177541	12493.3	56.6	4776.8	374060	23.666 ng/ml
Methamphetamine	3.283	92281	319.9	41.5	66.7	181746	24.886 ng/ml
Metoprolol	4.364	31260	14032.6	94.8	10663.2	311550	25.348 ng/ml
Mirtazapine	4.666	248119	4954.0	47.0	2857.4	374060	25.576 ng/ml
Mitragynine	5.260	23224	2174.6	31.8	138.8	374060	23.210 ng/ml
Morphine	1.301	10738	2209.3	22.8	1386.6	5692	24.481 ng/ml
Norbuprenorphine	5.053	255	853.6	82.3	249.1	4554	3.256 ng/ml
Nordiazepam	5.896	66829	237862.9	61.1	41915.8	97400	24.594 ng/ml
Norfentanyl	4.127	3950	873.9	281.3	169.2	552104	2.444 ng/ml
Noroxycodone	2.979	83382	835.6	35.8	896.1	103515	27.371 ng/ml
O-desmethyl-tramadol	3.425	359026	64242.4	6.1	1127.2	817069	24.078 ng/ml
Oxazepam	5.761	123130	3471.5	73.6	613.6	282967	24.871 ng/ml
Oxycodone	2.907	189405	1421.1	29.5	29621.6	329135	24.470 ng/ml
Oxymorphone	1.464	95885	8174.2	44.8	6680.8	144825	24.775 ng/ml
Phentermine	3.831	35151	210.6	7.7	163.4	208025	23.645 ng/ml
Promethazine	5.570	53741	1378.4	37.2	688.2	108848	23.820 ng/ml
Quetiapine	5.557	99752	178582.0	54.1	5392.1	50775	25.503 ng/ml
Sertraline	5.786	5009	326.3	102.9	8286.8	9262	24.384 ng/ml
Temazepam	5.818	210179	4879.3	30.9	563.1	416097	24.181 ng/ml
Tramadol	4.288	446795	103168.5	3.3	322.8	871716	25.851 ng/ml
Trazodone	5.151	179530	3635.1	70.6	82007.6	324179	23.949 ng/ml
Venlafaxine	5.081	248434	32032.8	43.1	3333.6	722119	23.503 ng/ml
Zolpidem	4.921	430745	4341.0	33.1	6053.5	823328	24.589 ng/ml

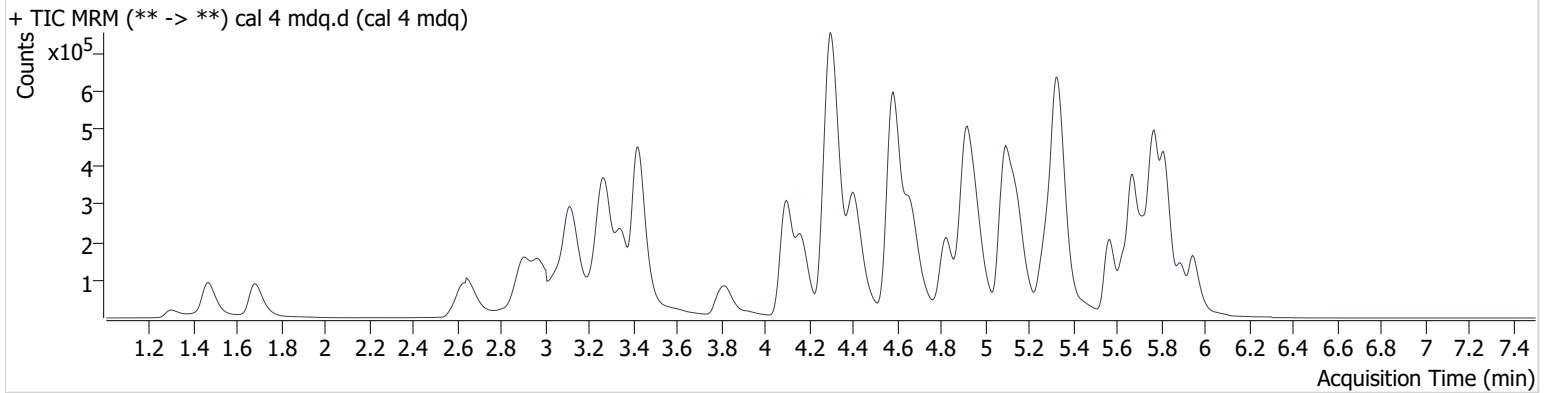
AM #28 Multi-Drug Quant. Results

BW

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 7:47:18 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	8508	5664.3	76.5	10049.8	41340	4.839 ng/ml
7-aminoclonazepam	4.308	192467	42175.8	95.5	12203.6	153043	50.877 ng/ml
a-hydroxyalprazolam	5.707	32667	2100.4	60.5	1906.8	35057	49.565 ng/ml
alpha-PHP	4.970	326978	11884.1	39.6	2405.3	422852	49.735 ng/ml
alpha-PVP	4.408	516856	32864.9	48.5	7401.6	422852	50.211 ng/ml
Alprazolam	5.781	207475	2670.0	114.8	16578.1	161222	48.973 ng/ml
Amphetamine	3.120	687000	5765.4	48.9	3901.7	213250	53.402 ng/ml
Benzoylcegonine	3.930	13470	1334.2	7.8	3232.2	8386	52.670 ng/ml
Buprenorphine	5.712	3386	1022.1	20.1	1291.3	26603	4.837 ng/ml
Bupropion	4.827	404844	2298.9	66.9	7748.5	268622	50.590 ng/ml
Carisoprodol	5.731	145872	10477.4	69.0	608.6	143217	51.102 ng/ml
Citalopram	5.266	237507	4078.5	40.2	89779.8	207879	50.621 ng/ml
Clonazepam	5.630	206754	12301.3	30.7	471.7	65146	53.498 ng/ml
Cocaine	4.307	457917	16434.5	45.1	445869.7	673556	50.665 ng/ml
Codeine	2.659	46933	4053.0	115.3	259.5	51828	50.316 ng/ml
Cyclobenzaprine	5.643	112187	241865.5	8.0	9380.4	76507	49.151 ng/ml
Dextromethorphan	5.310	160043	157034.3	78.7	905959.2	159432	50.558 ng/ml
Dextrophan	4.171	123590	291851.1	218.1	5414.1	297591	51.494 ng/ml
Diazepam	5.947	164140	5306.7	87.7	4797.9	152431	52.064 ng/ml
Dihydrocodeine	2.628	137824	8524.1	60.3	5983.0	149005	52.236 ng/ml
Diphenhydramine	5.337	811128	81907.4	29.3	408820.8	870523	49.808 ng/ml
Doxylamine	4.584	1143566	79693.4	98.8	18982.0	925810	49.722 ng/ml
EDDP	5.299	98871	77846.1	231.2	142456.2	224258	51.461 ng/ml
Fentanyl	5.126	18647	352.0	78.7	14741.6	195459	4.892 ng/ml
Fluoxetine	5.719	72960	4730.2	7.2	13372.4	51516	53.881 ng/ml
Hydrocodone	3.081	211955	1207.4	36.4	2633.2	239202	51.868 ng/ml
Hydromorphone	1.682	174088	2750.3	76.6	4480.4	102666	52.223 ng/ml
Ketamine	4.091	382215	17554.4	39.8	603.0	332769	51.617 ng/ml
Lamotrigine	4.340	31673	2122.6	91.6	34005.8	332769	52.422 ng/ml
Lorazepam	5.754	175270	4907.9	50.8	1511.1	65146	53.132 ng/ml
MDA	3.262	568147	1969.0	23.4	1495.5	327551	50.855 ng/ml
MDMA	3.348	386012	801.6	81.0	3898.6	67295	54.346 ng/ml
Meprobamate	4.945	130878	191305.3	29.6	1051.9	101964	50.639 ng/ml

AM #28 Multi-Drug Quant. Results

BW

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	415745	12257.2	55.2	26107.0	409489	50.402 ng/ml
Methamphetamine	3.283	265394	731.9	42.5	526.8	280281	50.455 ng/ml
Metoprolol	4.364	72763	120107.9	91.4	8456.5	332769	56.081 ng/ml
Mirtazapine	4.666	566793	15952.6	47.6	7538.0	409489	53.275 ng/ml
Mitragynine	5.260	62210	155528.5	31.1	45332.8	409489	56.850 ng/ml
Morphine	1.301	23646	7621.8	20.8	159.6	6216	50.027 ng/ml
Norbuprenorphine	5.048	441	1693.6	114.8	863.9	5299	4.650 ng/ml
Nordiazepam	5.896	143229	243930.7	62.2	6144.4	105736	48.676 ng/ml
Norfentanyl	4.127	8241	499.9	290.3	1132.0	570695	4.963 ng/ml
Noroxycodone	2.979	189939	5214.5	39.9	2444.3	126182	50.826 ng/ml
O-desmethyl-tramadol	3.425	819285	76877.9	6.0	7114.1	892259	50.230 ng/ml
Oxazepam	5.761	259517	13323.4	75.5	915.7	293108	50.636 ng/ml
Oxycodone	2.907	431948	6229.4	28.5	3645.2	358404	51.286 ng/ml
Oxymorphone	1.464	221599	19373.9	44.4	15275.8	160900	51.921 ng/ml
Phentermine	3.831	97883	761.8	7.4	505.9	267461	50.895 ng/ml
Promethazine	5.565	169449	8387.5	37.0	1538.4	162832	50.274 ng/ml
Quetiapine	5.557	216841	1379.9	53.0	37450.0	52953	53.807 ng/ml
Sertraline	5.786	28600	3493.3	108.2	46927.0	25370	50.098 ng/ml
Temazepam	5.823	451330	12771.0	31.7	961.5	432971	49.818 ng/ml
Tramadol	4.288	994768	1943791.0	3.0	728.9	955295	53.031 ng/ml
Trazodone	5.146	398618	8028.3	75.9	357469.4	362025	47.020 ng/ml
Venlafaxine	5.081	566750	160018.5	41.8	4271.7	783312	48.800 ng/ml
Zolpidem	4.916	975032	9210.4	32.4	3938.6	892223	51.308 ng/ml

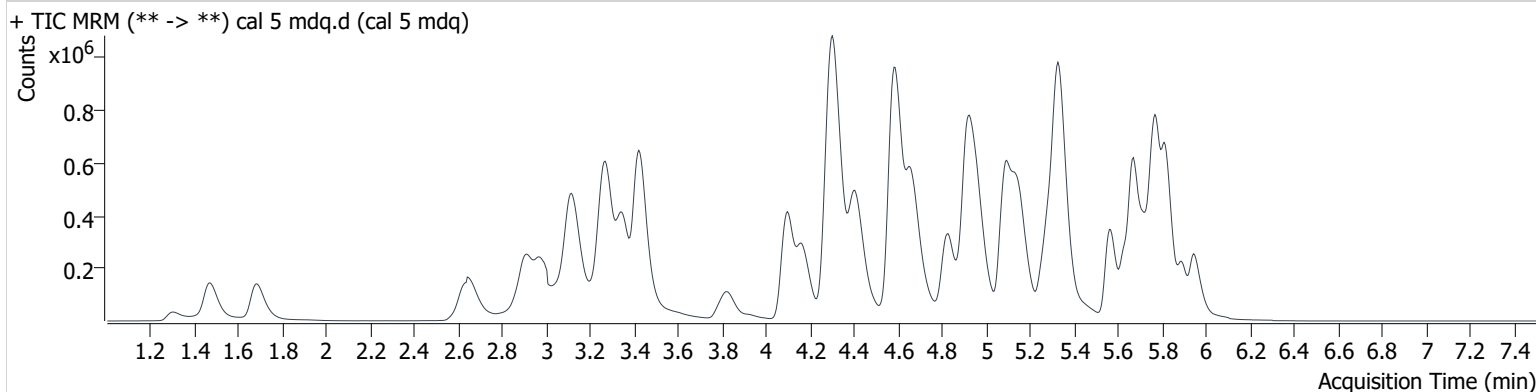
BW

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 7:58:06 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	16786	1181.7	75.2	5783.0	38157	10.403 ng/ml
7-aminoclonazepam	4.308	351795	11357.5	93.2	9446.9	142089	100.166 ng/ml
a-hydroxyalprazolam	5.707	61663	8890.5	58.9	1021.4	32175	101.544 ng/ml
alpha-PHP	4.970	609212	9782.2	40.1	5266.1	392743	99.874 ng/ml
alpha-PVP	4.408	948872	28798.7	48.5	28477.1	392743	99.327 ng/ml
Alprazolam	5.776	392273	20763.8	117.1	12271.0	150082	99.006 ng/ml
Amphetamine	3.120	1227414	15157.8	48.4	8011.4	195997	103.717 ng/ml
Benzoylcegonine	3.925	23939	1135.2	7.6	134.8	8242	95.288 ng/ml
Buprenorphine	5.706	6952	4045.6	14.7	3319.5	26476	9.324 ng/ml
Bupropion	4.827	726603	10649.7	65.9	3116.1	244593	99.614 ng/ml
Carisoprodol	5.731	266748	43238.0	70.2	3877.3	135298	98.956 ng/ml
Citalopram	5.266	464508	6786.7	41.4	251114.4	208331	98.554 ng/ml
Clonazepam	5.630	382167	19796.7	31.7	251879.1	62451	103.738 ng/ml
Cocaine	4.307	860106	145754.4	44.7	158144.1	642309	100.005 ng/ml
Codeine	2.659	87234	294.8	121.5	4806.5	49347	98.046 ng/ml
Cyclobenzaprine	5.643	222407	451872.7	8.5	688.9	74363	100.462 ng/ml
Dextromethorphan	5.310	292198	2061.5	79.2	107887.2	147711	99.302 ng/ml
Dextrophan	4.166	211626	416110.1	219.4	3737.9	258596	101.526 ng/ml
Diazepam	5.947	309374	12460.0	87.7	5517.5	150082	99.889 ng/ml
Dihydrocodeine	2.628	249031	4287.9	59.3	13358.2	139134	101.163 ng/ml
Diphenhydramine	5.331	1590524	30993.1	28.9	1884.9	864681	98.421 ng/ml
Doxylamine	4.584	2138775	4449.7	99.8	68850.7	874758	98.393 ng/ml
EDDP	5.299	204161	404488.1	229.3	1287.1	242627	98.341 ng/ml
Fentanyl	5.126	38856	2202.6	76.3	19801.6	207642	9.347 ng/ml
Fluoxetine	5.719	127653	2225.8	7.7	30959.0	46483	105.356 ng/ml
Hydrocodone	3.086	385890	2334.7	35.8	1154.4	226263	100.146 ng/ml
Hydromorphone	1.682	311320	8983.6	77.7	7653.9	92950	102.867 ng/ml
Ketamine	4.096	734780	25575.4	39.4	5328.5	328020	101.113 ng/ml
Lamotrigine	4.340	57865	9033.8	88.5	3871.0	328020	97.116 ng/ml
Lorazepam	5.754	310694	16205.7	51.6	1832.3	62451	99.149 ng/ml
MDA	3.262	1082112	4605.1	23.6	2657.1	319853	99.199 ng/ml
MDMA	3.348	729153	114297.8	84.9	3804.8	69739	99.164 ng/ml
Meprobamate	4.945	246151	35443.5	28.3	6548.7	94923	102.487 ng/ml

AM #28 Multi-Drug Quant. Results

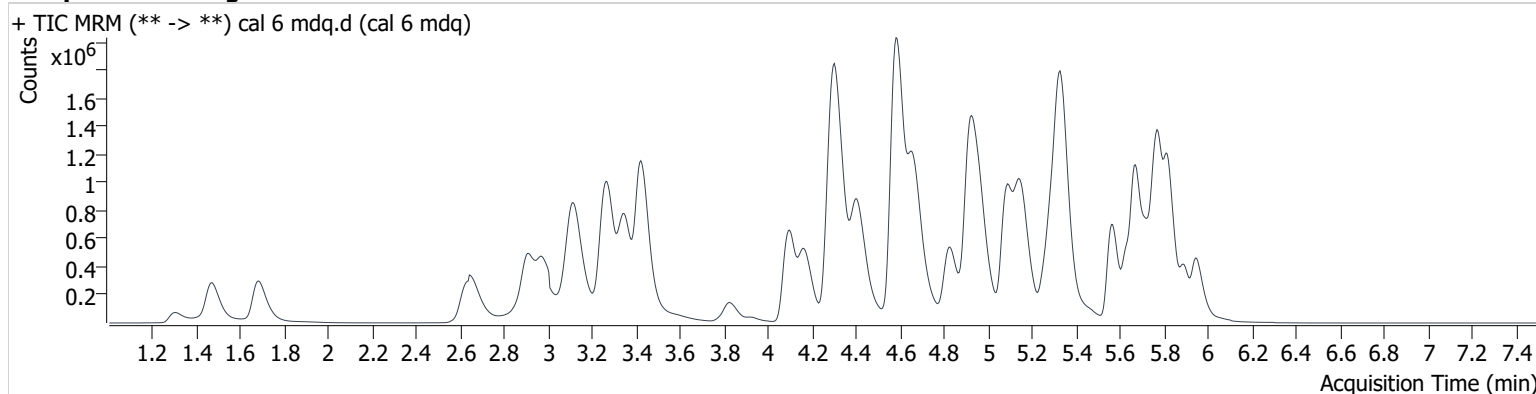
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	841080	44273.9	55.4	27717.8	433909	96.052 ng/ml
Methamphetamine	3.283	498669	1320.2	43.5	553.8	263022	105.714 ng/ml
Metoprolol	4.364	128192	18213.6	97.1	11321.6	328020	100.795 ng/ml
Mirtazapine	4.666	1116310	24555.0	46.7	6340.7	433909	98.946 ng/ml
Mitragynine	5.260	122367	6192.4	30.5	93229.3	433909	105.562 ng/ml
Morphine	1.301	45983	10473.0	21.8	1913.3	5510	110.500 ng/ml
Norbuprenorphine	5.032	1105	2146.2	90.5	2588.6	5105	11.465 ng/ml
Nordiazepam	5.896	272875	1006235.7	59.7	58654.6	99451	98.722 ng/ml
Norfentanyl	4.127	14950	3151.7	304.0	1375.2	538650	9.566 ng/ml
Noroxycodone	2.979	345497	7549.6	40.1	13928.2	118793	97.857 ng/ml
O-desmethyl-tramadol	3.425	1546851	125309.1	6.3	8627.1	870617	97.120 ng/ml
Oxazepam	5.761	485479	25215.1	73.3	3620.3	274192	101.288 ng/ml
Oxycodone	2.907	825609	7204.9	28.6	3839.7	344864	101.909 ng/ml
Oxymorphone	1.469	411814	3886.2	45.2	3863.5	155622	100.089 ng/ml
Phentermine	3.831	190034	1103.4	7.5	451.2	261895	100.645 ng/ml
Promethazine	5.565	327880	255259.1	36.0	1102.7	158190	100.195 ng/ml
Quetiapine	5.557	416694	1061114.0	55.3	487510.0	54193	101.558 ng/ml
Sertraline	5.781	49620	2472.7	105.9	112591.8	21598	101.400 ng/ml
Temazepam	5.823	870314	77439.1	31.1	4299.8	419889	98.980 ng/ml
Tramadol	4.288	1855641	71227.5	3.4	784.5	919681	103.220 ng/ml
Trazodone	5.151	828467	8672.5	72.9	6754.6	367428	95.656 ng/ml
Venlafaxine	5.081	1068736	27631.4	40.9	12845.0	753297	95.143 ng/ml
Zolpidem	4.921	1860334	13955.6	32.2	8576.1	867121	100.680 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 8:08:55 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	38072	83576.7	75.9	26681.4	35900	25.152 ng/ml
7-aminoclonazepam	4.308	696498	12405.0	91.9	24487.3	113015	249.336 ng/ml
a-hydroxyalprazolam	5.707	124618	1488.9	61.6	2661.0	25995	253.440 ng/ml
alpha-PHP	4.975	1226102	10860.2	39.9	6293.7	318724	247.842 ng/ml
alpha-PVP	4.408	1914247	46459.0	49.1	6239.3	318724	247.041 ng/ml
Alprazolam	5.781	822169	15398.1	115.7	16917.5	125857	246.777 ng/ml
Amphetamine	3.120	2162485	5532.9	48.8	11905.8	142212	251.703 ng/ml
Benzoylcegonine	3.925	60697	7279.7	7.5	504.4	7717	258.119 ng/ml
Buprenorphine	5.706	15041	2110.2	14.9	3696.6	20821	24.572 ng/ml
Bupropion	4.827	1274059	18809.1	65.3	19302.4	170249	250.779 ng/ml
Carisoprodol	5.731	575617	21736.8	68.5	2065.5	114412	252.587 ng/ml
Citalopram	5.266	947872	12802.2	40.5	892752.2	169824	246.338 ng/ml
Clonazepam	5.630	803481	29298.1	31.5	378084.0	53667	254.709 ng/ml
Cocaine	4.307	1789907	309904.9	45.0	3175.9	533406	250.934 ng/ml
Codeine	2.659	196733	8027.5	121.0	20474.8	43855	248.519 ng/ml
Cyclobenzaprine	5.637	464523	766382.2	8.4	82637.2	62151	251.364 ng/ml
Dextromethorphan	5.305	651882	277246.8	78.8	1441716.0	134169	243.404 ng/ml
Dextrorphan	4.166	481120	1324840.5	225.7	26274.9	243265	245.443 ng/ml
Diazepam	5.947	664528	26023.5	87.5	126399.0	130903	246.349 ng/ml
Dihydrocodeine	2.623	582497	15625.8	61.8	25661.5	130994	251.462 ng/ml
Diphenhydramine	5.337	3357892	519041.1	29.1	41693.8	720262	249.595 ng/ml
Doxylamine	4.584	4947786	4545.4	98.1	8519.2	796374	249.980 ng/ml
EDDP	5.299	580739	1125341.9	227.6	42127.5	274329	247.608 ng/ml
Fentanyl	5.131	85548	1040.0	74.3	53281.5	175237	23.967 ng/ml
Fluoxetine	5.719	237057	477971.3	7.6	37022.4	36516	250.331 ng/ml
Hydrocodone	3.081	908080	2530.3	37.7	1158.5	207202	257.878 ng/ml
Hydromorphone	1.682	770126	25954.9	72.7	5598.2	88413	267.059 ng/ml
Ketamine	4.091	1592474	36953.9	39.3	2970.7	285777	252.233 ng/ml
Lamotrigine	4.340	122968	7346.2	87.5	14849.1	285777	236.818 ng/ml
Lorazepam	5.754	600010	25882.3	50.0	5081.2	53667	224.137 ng/ml
MDA	3.256	2318278	20213.7	23.4	5277.1	264228	257.272 ng/ml
MDMA	3.348	1584369	103031.0	82.8	65831.8	62369	241.121 ng/ml
Meprobamate	4.945	524337	72598.4	28.0	741.7	80497	257.705 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	1849410	215008.1	53.9	65885.6	368232	248.564 ng/ml
Methamphetamine	3.283	560759	∞	44.2	621.3	130145	246.201 ng/ml
Metoprolol	4.364	275761	718875.4	94.1	32490.8	285777	249.926 ng/ml
Mirtazapine	4.666	2405602	7390.2	47.1	10308.3	368232	251.119 ng/ml
Mitragynine	5.260	253063	9988.8	29.7	20520.4	368232	257.298 ng/ml
Morphine	1.301	102349	13970.5	20.6	177.4	5256	258.730 ng/ml
Norbuprenorphine	5.048	2032	3510.8	106.5	2144.9	4383	24.104 ng/ml
Nordiazepam	5.896	571411	1304559.8	61.1	458813.6	83539	246.289 ng/ml
Norfentanyl	4.127	34268	660.4	290.9	5316.9	467836	25.293 ng/ml
Noroxycodone	2.979	766990	7016.6	40.8	2665.2	104719	245.870 ng/ml
O-desmethyl-tramadol	3.425	3533927	12001.9	6.3	23069.7	774400	249.323 ng/ml
Oxazepam	5.761	964512	21304.2	73.5	1913.6	218378	252.707 ng/ml
Oxycodone	2.901	1850872	28352.4	28.9	5778.6	313276	251.550 ng/ml
Oxymorphone	1.464	934159	18469.7	44.3	12085.8	140826	251.432 ng/ml
Phentermine	3.826	327327	2006.4	7.3	1504.7	172315	263.044 ng/ml
Promethazine	5.570	744364	11953.2	37.3	7830.8	145474	247.442 ng/ml
Quetiapine	5.557	920387	31505.0	56.7	983146.5	47673	255.902 ng/ml
Sertraline	5.786	85821	5718.7	106.1	191148.5	14567	258.963 ng/ml
Temazepam	5.823	1859412	71549.5	31.1	3334.8	357095	248.536 ng/ml
Tramadol	4.283	4007781	510654.6	3.3	4154.3	806255	255.020 ng/ml
Trazodone	5.151	1858020	13539.0	73.7	8363.6	316834	247.821 ng/ml
Venlafaxine	5.081	2388886	2619.8	41.6	1574.4	647937	246.338 ng/ml
Zolpidem	4.916	4101739	15884.8	31.7	8095.3	764277	251.781 ng/ml

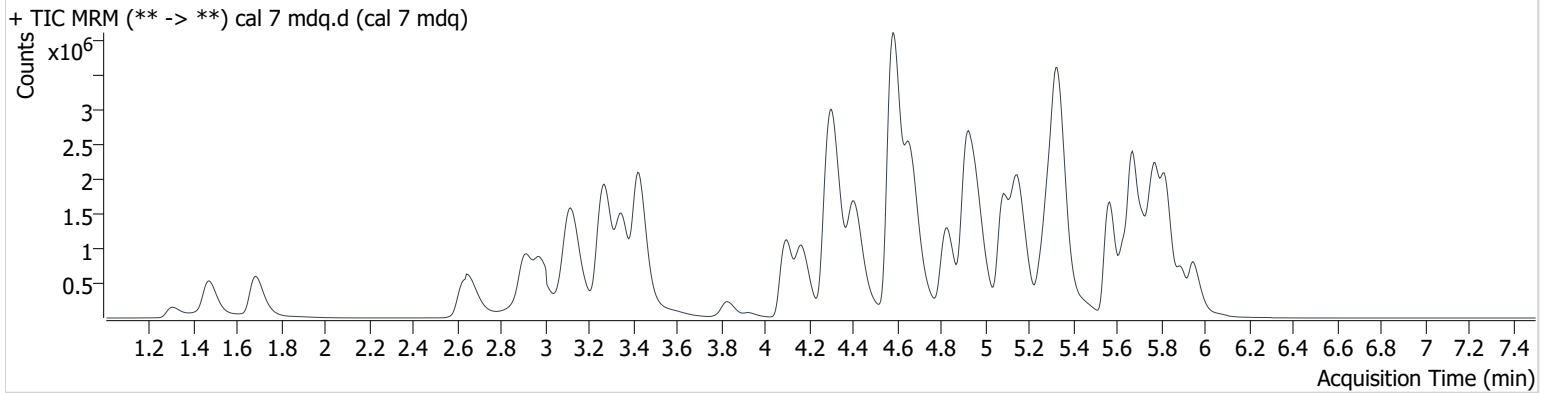
AM #28 Multi-Drug Quant. Results

BW

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 8:19:43 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	80616	23126.9	73.8	14290.3	37434	51.130 ng/ml
7-aminoclonazepam	4.308	1130210	44479.1	84.6	44602.3	86931	526.000 ng/ml
a-hydroxyalprazolam	5.702	199465	6738.5	62.7	526.3	21382	492.828 ng/ml
alpha-PHP	4.970	2639048	19300.0	39.8	40911.0	333225	510.350 ng/ml
alpha-PVP	4.408	4079959	86419.8	49.7	55465.4	333225	503.708 ng/ml
Alprazolam	5.781	1463791	3121.4	115.7	1930.2	108616	508.629 ng/ml
Amphetamine	3.120	4291880	9543.2	49.2	24560.2	145441	488.376 ng/ml
Benzoylcegonine	3.925	134897	7617.7	7.8	23918.5	8406	526.682 ng/ml
Buprenorphine	5.712	32938	4472.1	16.0	6639.5	22470	49.225 ng/ml
Bupropion	4.827	3258781	4940.7	65.4	12007.4	216284	504.806 ng/ml
Carisoprodol	5.731	966325	16398.8	66.9	9937.3	97846	495.862 ng/ml
Citalopram	5.261	2074005	13710.9	40.4	1393980.8	175101	522.484 ng/ml
Clonazepam	5.625	1342515	344251.0	32.0	17654.3	48687	469.647 ng/ml
Cocaine	4.307	3269789	55199.9	44.8	46785.6	491628	497.574 ng/ml
Codeine	2.665	391006	5938.6	119.8	26164.9	42319	511.656 ng/ml
Cyclobenzaprine	5.637	1318317	4079035.7	8.8	10469.6	88526	501.034 ng/ml
Dextromethorphan	5.305	1441341	3209.1	77.3	38350.3	141712	509.159 ng/ml
Dextrorphan	4.166	1107338	1048894.9	216.1	114710.5	274605	500.497 ng/ml
Diazepam	5.947	1279016	33863.6	86.9	26238.8	123754	501.792 ng/ml
Dihydrocodeine	2.623	1198406	34990.0	61.0	34373.3	132373	512.049 ng/ml
Diphenhydramine	5.337	7354079	531132.4	29.8	34008.2	779421	505.242 ng/ml
Doxylamine	4.579	10489635	551004.3	97.2	146238.8	824120	512.103 ng/ml
EDDP	5.299	1465800	2469602.7	228.8	23706.6	336931	508.992 ng/ml
Fentanyl	5.126	211749	3140.6	74.8	3145.9	205978	50.182 ng/ml
Fluoxetine	5.719	802943	510150.7	7.6	293129.8	63350	489.630 ng/ml
Hydrocodone	3.081	1784715	22721.6	35.8	2213.0	206575	508.696 ng/ml
Hydromorphone	1.682	1512268	6852.1	80.1	5922.3	101682	455.776 ng/ml
Ketamine	4.091	3141494	64533.1	38.7	13665.9	286664	496.500 ng/ml
Lamotrigine	4.345	200421	10773.6	90.4	6708.5	286664	384.758 ng/ml
Lorazepam	5.749	905729	8656.5	51.2	4409.3	48687	373.651 ng/ml
MDA	3.262	4347353	74591.0	24.2	877.4	257910	494.278 ng/ml
MDMA	3.348	3132500	86592.7	83.5	66537.5	61559	483.126 ng/ml
Meprobamate	4.945	862546	334926.3	26.7	19264.1	69596	490.493 ng/ml

AM #28 Multi-Drug Quant. Results

BW

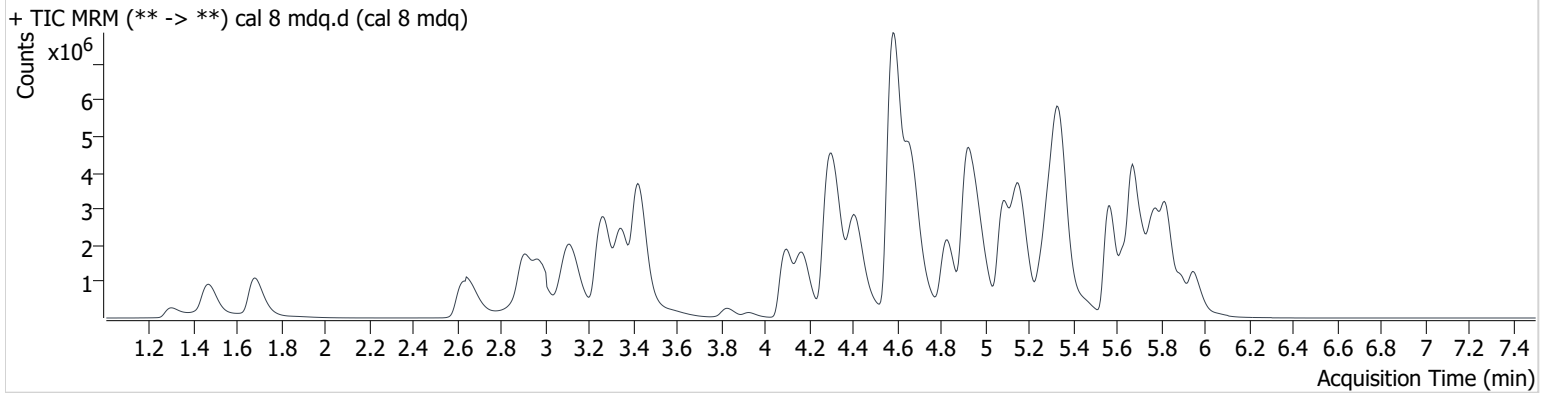
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	4420775	324565.4	53.1	∞	427777	511.249 ng/ml
Methamphetamine	3.283	1286811	∞	42.5	2936.4	140552	528.402 ng/ml
Metoprolol	4.364	487489	5645.1	94.8	33974.3	286664	440.996 ng/ml
Mirtazapine	4.661	5318037	46185.0	46.6	43569.2	427777	477.792 ng/ml
Mitragynine	5.255	563334	32290.5	33.0	17428.8	427777	493.070 ng/ml
Morphine	1.301	219627	3080.3	20.6	1436.1	5955	490.552 ng/ml
Norbuprenorphine	5.032	4786	10591.2	103.1	8220.7	5349	46.156 ng/ml
Nordiazepam	5.896	1065873	41501.9	61.1	13861.4	78149	491.216 ng/ml
Norfentanyl	4.127	67547	5764.3	290.6	1854.5	452035	51.631 ng/ml
Noroxycodone	2.984	1501435	13006.3	39.9	15470.0	105180	478.844 ng/ml
O-desmethyl-tramadol	3.427	7146458	606233.1	6.3	60287.7	775713	503.258 ng/ml
Oxazepam	5.761	1568148	2560.6	74.1	21898.1	182875	490.651 ng/ml
Oxycodone	2.907	3737580	30229.5	29.4	8737.7	322395	493.636 ng/ml
Oxymorphone	1.469	1886564	9582.2	44.1	33121.8	144307	495.872 ng/ml
Phentermine	3.831	603608	3197.5	7.0	1715.9	166699	501.164 ng/ml
Promethazine	5.565	2264787	159266.0	37.9	26588.2	216846	505.133 ng/ml
Quetiapine	5.552	1965756	1562642.4	57.2	23173.6	53789	484.947 ng/ml
Sertraline	5.786	314343	7871.0	104.9	24714.4	28080	491.478 ng/ml
Temazepam	5.823	3528870	227280.4	30.5	3203.6	335458	502.026 ng/ml
Tramadol	4.283	7581037	1361132.0	3.3	5973.5	791690	491.723 ng/ml
Trazodone	5.146	4040900	11665.4	74.8	10981.7	331496	514.481 ng/ml
Venlafaxine	5.081	4955803	112759.7	41.0	59264.5	642130	515.032 ng/ml
Zolpidem	4.916	8047956	60476.7	30.6	27861.9	767239	492.060 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020 Data\am 27-28 8-12-20\QuantResults\mdq.batch.bin
Calibration Last Update 8/13/2020 7:00:32 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	8/12/2020 8:41:12 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.192	168039	3219.5	76.0	13780.8	40664	98.158 ng/ml
7-aminoclonazepam	4.313	1373912	147271.1	88.5	63084.6	59577	932.998 ng/ml
a-hydroxyalprazolam	5.702	278508	4146.1	62.1	3260.8	15037	978.109 ng/ml
alpha-PHP	4.975	4735476	277211.1	39.4	16578.5	289620	1053.755 ng/ml
alpha-PVP	4.411	7262276	19616.5	50.5	47924.8	289620	1031.671 ng/ml
Alprazolam	5.781	2444149	10112.0	110.9	3137.3	83540	1103.678 ng/ml
Amphetamine	3.120	4686275	36704.4	50.2	52520.9	85857	903.249 ng/ml
Benzoylcegonine	3.925	320806	69166.3	7.6	1250.8	9114	1155.343 ng/ml
Buprenorphine	5.712	61855	71764.0	16.5	10690.4	18757	109.968 ng/ml
Bupropion	4.827	5211205	279390.1	64.0	151900.6	173382	1006.892 ng/ml
Carisoprodol	5.731	1427928	64840.8	66.0	19257.3	73724	972.519 ng/ml
Citalopram	5.261	3316195	151550.5	44.0	2050174.3	145957	1002.004 ng/ml
Clonazepam	5.625	1938042	28338.2	32.2	1835635.4	36629	901.756 ng/ml
Cocaine	4.312	5588073	70769.0	45.0	16677.8	418130	1000.050 ng/ml
Codeine	2.659	736246	2354.0	116.6	9102.3	40727	1000.908 ng/ml
Cyclobenzaprine	5.637	2346643	600377.2	8.5	9440.3	78557	1005.232 ng/ml
Dextromethorphan	5.305	2461264	79727.2	76.5	6136550.7	119928	1027.033 ng/ml
Dextrophan	4.166	2033609	2173461.4	222.8	14028.5	252530	999.562 ng/ml
Diazepam	5.947	2274641	8942.6	86.2	12302.4	109359	1010.110 ng/ml
Dihydrocodeine	2.618	2348649	19184.4	61.5	3724.0	136925	970.234 ng/ml
Diphenhydramine	5.342	13456196	133730.8	29.8	144027.1	701473	1027.299 ng/ml
Doxylamine	4.579	21130113	1040517.4	96.2	391536.5	816344	1041.367 ng/ml
EDDP	5.299	2799023	6300954.3	228.8	358369.3	322719	1014.882 ng/ml
Fentanyl	5.126	432947	5647.8	76.8	7368.4	207608	101.531 ng/ml
Fluoxetine	5.719	1160997	49457.7	8.1	196307.0	44772	1002.707 ng/ml
Hydrocodone	3.076	2782125	2463.3	47.0 High	13686.6	207367	790.146 ng/ml
Hydromorphone	1.677	3248129	26007.0	73.8	39265.7	99019	1004.915 ng/ml
Ketamine	4.091	5876290	94590.4	38.5	30549.1	276678	962.686 ng/ml
Lamotrigine	4.345	267106	11212.2	91.2	7432.0	276678	531.267 ng/ml
Lorazepam	5.749	972758	17796.2	54.8	5446.4	36629	533.872 ng/ml
MDA	3.256	7824510	90661.1	24.2	80280.5	231129	992.707 ng/ml
MDMA	3.349	5774244	251928.4	82.5	278300.5	56521	970.083 ng/ml
Meprobamate	4.945	1247832	1094574.7	27.8	43430.8	51324	962.381 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methadone	5.672	9008944	70535.8	50.4	3058.8	418749	1064.107 ng/ml
Methamphetamine	3.283	816118	3003.9	43.0	1849.8	48771	969.663 ng/ml
Metoprolol	4.364	784268	703898.4	94.4	209199.5	276678	735.555 ng/ml
Mirtazapine	4.666	10506433	92029.4	45.6	29171.7	418749	964.197 ng/ml
Mitragynine	5.255	1018429	1709.0	33.1	83307.9	418749	910.651 ng/ml
Morphine	1.296	407787	29062.5	21.8	8734.8	6238	870.109 ng/ml
Norbuprenorphine	5.032	10234	31730.7	101.7	4700.0	5070	103.625 ng/ml
Nordiazepam	5.896	1746146	743454.1	61.4	1866386.0	58291	1079.021 ng/ml
Norfentanyl	4.127	117620	460.5	287.1	13796.0	380882	106.732 ng/ml
Noroxycodone	2.979	2646878	5663.3	40.0	13171.2	93778	946.429 ng/ml
O-desmethyl-tramadol	3.425	14490538	169588.9	6.1	4353.1	748749	1057.093 ng/ml
Oxazepam	5.756	2060131	64262.1	73.8	50209.4	119900	983.166 ng/ml
Oxycodone	2.905	7693165	28144.1	29.2	18696.4	331964	986.813 ng/ml
Oxymorphone	1.464	3721639	10337.2	44.0	8607.3	144838	974.967 ng/ml
Phentermine	3.826	724539	3081.4	6.9	2145.6	100738	995.200 ng/ml
Promethazine	5.565	4800005	7833936.5	36.4	41256.7	224946	1032.095 ng/ml
Quetiapine	5.552	3537908	113214.8	57.7	42472.4	52666	891.902 ng/ml
Sertraline	5.786	416664	925478.1	104.1	839815.9	18302	998.802 ng/ml
Temazepam	5.823	6117352	28228.1	29.9	7628.9	280285	1041.492 ng/ml
Tramadol	4.283	12857117	938653.6	3.4	10818.2	746145	885.242 ng/ml
Trazodone	5.155	7503088	49434.1	75.6	11987.9	283757	1115.293 ng/ml
Venlafaxine	5.081	9836293	8187.8	39.8	58253.3	589618	1112.616 ng/ml
Zolpidem	4.916	15225472	80502.6	29.5	27549.0	725709	984.125 ng/ml