

REVIEWED

By Anne Nord at 1:38 pm, Apr 30, 2021

4/29/2021

BWylee

Worklist: 4938

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-0655	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0876	6	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0879	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0881	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0888	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0906	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0932	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0968	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0974	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0975	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-0995	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

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Extraction Date 4/29/2020

Analyst: Britany Wylie

Plate lot#: 201207

Plate Expiration: 6/7/2021

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: 20K20702

Urine Blank lot: 2121

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: Blood batch only; trazodone and alpha-hydroxyalprazolam- evaluated qualitatively

Curve limitations: alpha-hydroxyalprazolam 5-250; amphetamine 5-500; buprenorphine 2.5-100, dihydrocodeine 5-500, lamotrigine 5-500; lorazepam 10-1000; meprobamate 5-500, methamphetamine 5-500; mitragynine 5-500; norbuprenorphine 2.5-100, Oxazepam 10-1000, trazodone 5-250

Hydromorphone evaluated qualitatively- surrogate internal standard used.

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	968-1	995-1	IS + Cal. 1	IS + QC_1						IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	881-1		IS + Cal. 2	IS + QC_2						IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	974-1		IS + Cal. 3	IS + QC_3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	906-1		IS + Cal. 4	IS + QC_4					IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	qc2	932-1		IS + Cal. 5	Urine IS + QC_2					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	neg blood	879-1		IS + Cal. 6						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	655-1	888-1		IS + Cal. 7						IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	876-6	975-1		IS + Cal. 8						IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

Case #: C2021-____-__

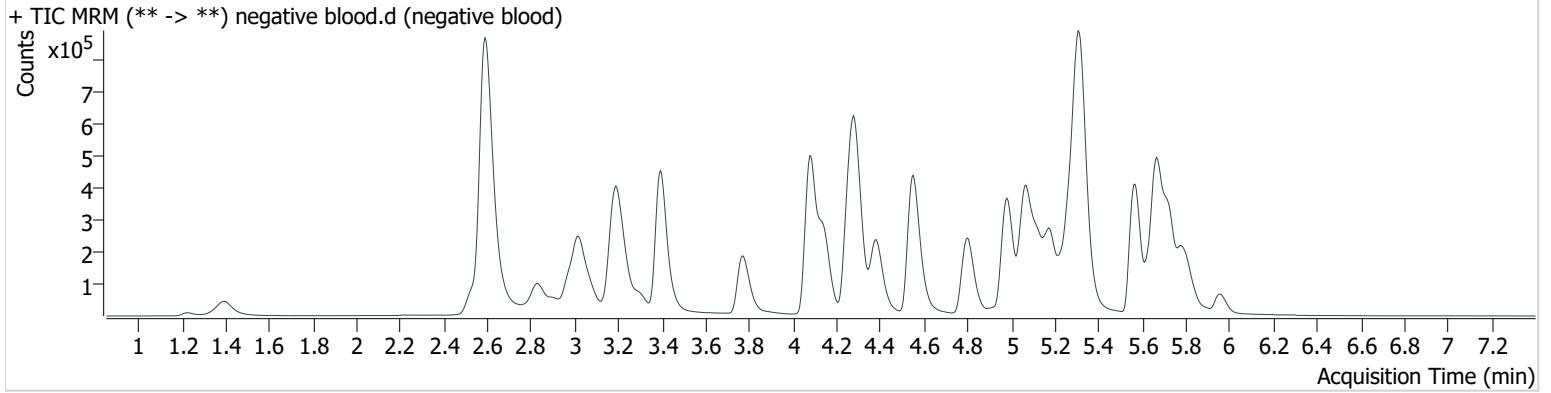
AM #28 Multi-Drug Quant. Results

BWylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-F2	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 3:07:09 PM		
Sample Info.			

Sample Chromatogram



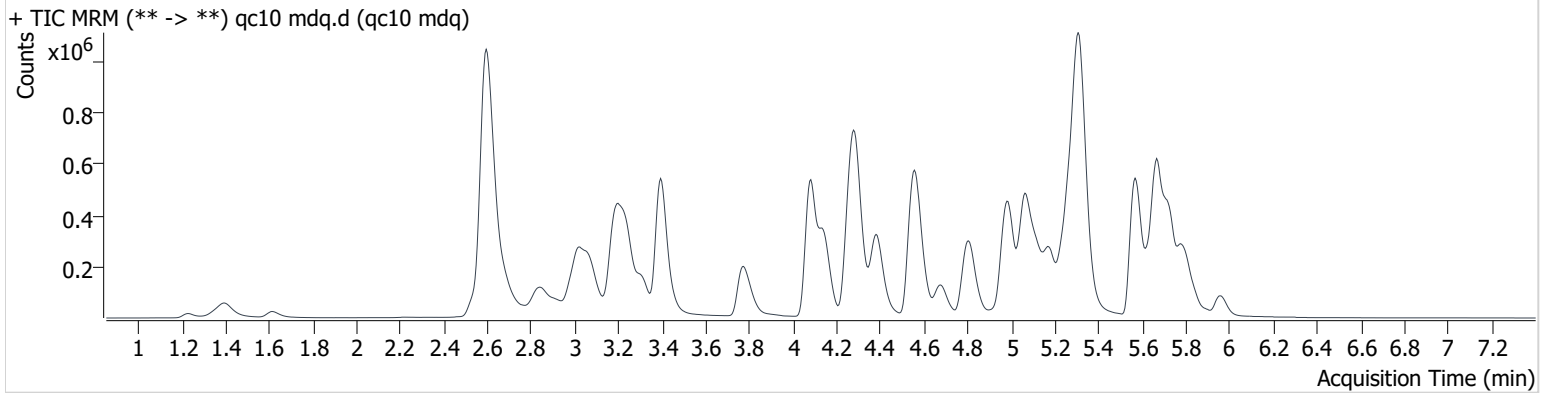
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-A2	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 2:31:01 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	3061	∞	147.6	∞	84840	1.015 ng/ml
7-aminoclonazepam	4.308	34372	7915.4	73.0	1689.4	124251	10.122 ng/ml
a-hydroxyalprazolam	5.717	3236	∞	47.3	3569.0	204741	10.307 ng/ml
alpha-PHP	4.961	147410	∞	38.3	6724.1	959266	10.227 ng/ml
alpha-PVP	4.392	195349	173735.4	51.6	5158.0	831829	9.979 ng/ml
Alprazolam	5.791	63788	4454.3	88.0	1140.8	238646	10.028 ng/ml
Amphetamine	3.073	306118	2423.5	44.0	1837.1	541017	10.377 ng/ml
Benzoyllecgonine	3.921	3293	∞	15.1	5344.2	11959	9.412 ng/ml
Buprenorphine	5.830	2841	24958.5	8.6 Low	976.1	92348	1.395 ng/ml
Bupropion	4.821	200526	182876.9	65.6	63106.6	959266	9.951 ng/ml
Carisoprodol	5.746	50661	272615.5	56.2	1524.0	194859	9.965 ng/ml
Citalopram	5.248	142560	3342.2	41.4	352497.3	662654	9.796 ng/ml
Clonazepam	5.639	6981	450.8	37.8	5087.1	13080	9.237 ng/ml
Clonazepam	5.581	14994	58071.6	34.8	19723.8	238646	9.943 ng/ml
Cocaine	4.286	143623	11677.2	46.7	74582.1	1244356	9.748 ng/ml
Codeine	2.608	22449	103220.6	88.9	2108.4	106968	10.354 ng/ml
Cyclobenzaprine	5.641	180272	21817.5	9.0	∞	614356	10.260 ng/ml
Dextromethorphan	5.292	112981	7339.3	73.0	112580.2	524927	9.825 ng/ml
Dextrophan	4.144	138345	4439.5	44.5	11724.4	756358	9.908 ng/ml
Diazepam	5.963	42558	1720.3	86.0	5124.7	204741	9.873 ng/ml
Dihydrocodeine	2.577	56229	1322.2	58.8	1477.5	330553	10.296 ng/ml
Diphenhydramine	5.318	477828	11032.2	29.5	∞	2435778	9.562 ng/ml
Doxylamine	4.566	432948	16543.1	80.2	12161.7	1758716	9.813 ng/ml
EDDP	5.286	192457	23678.5	43.7	118621.3	953433	9.740 ng/ml
Etizolam	5.831	32253	∞	24.5	60796.4	204741	10.640 ng/ml
Fentanyl	5.139	14157	7150.9	136.7	62415.6	721181	0.934 ng/ml
Flualprazolam	5.722	30131	∞	95.2	92918.8	238646	9.685 ng/ml
Fluoxetine	5.728	178590	6293.2	7.8	29489.9	700574	9.677 ng/ml
Hydrocodone	3.049	61930	∞	34.2	∞	718965	9.851 ng/ml
Hydromorphone	1.618	61359	2572.0	70.3	1618.0	13906	10.311 ng/ml
Ketamine	4.088	131660	38223.1	38.6	2952.3	685775	9.801 ng/ml
Lamotrigine	4.319	12610	10168.5	88.3	260303.6	565973	9.691 ng/ml
Levetiracetam	2.681	69303	1316.5	219.2	3565.4	541017	10.108 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	2349	10.8	49.5	21.7	10516	10.605 ng/ml
MDA	3.225	166265	∞	26.3	1870.3	565973	10.138 ng/ml
MDMA	3.318	140477	36705.9	99.5	8369.0	159924	9.897 ng/ml
Meprobamate	4.946	17968	6247.6	31.2	174.2	64976	10.290 ng/ml
Methadone	5.671	254030	93738.1	53.3	122142.3	1291889	9.734 ng/ml
Methamphetamine	3.247	160754	4860.6	249.7	1805.3	1252961	10.468 ng/ml
Metoprolol	4.349	44122	∞	91.0	∞	3688196	10.440 ng/ml
Mirtazapine	4.680	300555	19108.7	48.2	610947.0	1291889	9.823 ng/ml
Mitragynine	5.273	56185	27027.4	30.0	8713.9	700574	9.170 ng/ml
Morphine	1.231	11051	49404.7	17.1	∞	13906	10.026 ng/ml
Norbuprenorphine	5.019	232	687.0			13571	1.083 ng/ml <small>OCR</small>
Nordiazepam	5.912	8162	10004.7	69.6	7698.3	32391	9.335 ng/ml
Norfentanyl	4.109	9884	1719.2	34.9	9059.6	1196410	1.007 ng/ml
Norhydrocodone	3.090	1430	∞	400.5	∞	158028	8.824 ng/ml
Noroxycodone	2.936	43188	∞	46.4	∞	162029	9.859 ng/ml
O-desmethyl-tramadol	3.399	322783	70606.8	6.2	∞	1662795	9.530 ng/ml
Oxazepam	5.771	2602	232.1	77.4	35.2	10516	9.318 ng/ml
Oxycodone	2.863	112938	∞	28.5	∞	472098	9.694 ng/ml
Oxymorphone	1.399	67003	∞	44.1	∞	275701	10.029 ng/ml
Phentermine	3.806	59915	246.4	8.7	1104.0	742411	10.168 ng/ml
Promethazine	5.568	219558	17028.7	38.9	3533.7	1126360	9.960 ng/ml
Pseudoephedrine	2.605	764623	18333.0	25.0	∞	3688196	9.572 ng/ml
Quetiapine	5.586	227836	∞	60.6	641476.0	321429	10.027 ng/ml
Sertraline	5.791	61455	∞	91.6	309774.3	260699	10.027 ng/ml
Temazepam	5.838	28191	1168.7	31.1	487.7	128604	9.995 ng/ml
Tramadol	4.272	317502	9569.3	3.3	437.7	1438725	10.126 ng/ml
Trazodone	5.237	179859	6297.0	77.5	7717.6	865210	10.366 ng/ml
Venlafaxine	5.068	233448	5482.9	40.8	2924.3	1537673	9.543 ng/ml
Zolpidem	4.999	307094	20940.5	30.5	67828.8	1406568	9.653 ng/ml

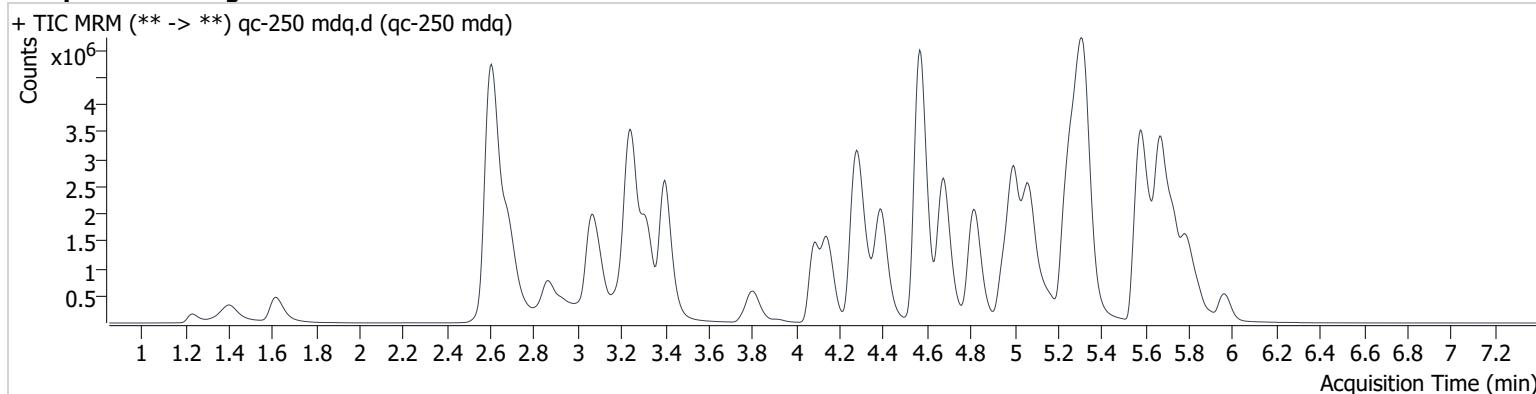
AM #28 Multi-Drug Quant. Results

BWylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-C2	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 2:40:03 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	64027	107021.9	141.2	466555.5	68266	25.473 ng/ml
7-aminoclonazepam	4.308	514467	35222.5	76.9	14526.0	77700	238.305 ng/ml
a-hydroxyalprazolam	5.717	54162	∞	56.9	2534.8	178384	225.459 ng/ml
alpha-PHP	4.961	3124497	∞	39.5	∞	911283	243.880 ng/ml
alpha-PVP	4.392	4355657	250542.7	53.0	201906.0	745427	243.862 ng/ml
Alprazolam	5.791	1222041	2490.8	87.0	∞	177511	252.714 ng/ml
Amphetamine	3.073	5250469	76399.0	44.4	34117.5	475678	227.955 ng/ml
Benzoylcegonine	3.916	78313	574043.1	16.1	∞	11673	241.246 ng/ml
Buprenorphine	5.840	54907	118710.1	16.4	14718.8	71487	23.011 ng/ml
Bupropion	4.819	4780814	∞	66.7	525311.4	911283	245.487 ng/ml
Carisoprodol	5.746	795084	∞	56.2	14107.9	125642	244.348 ng/ml
Citalopram	5.243	2620304	41975.0	43.0	785581.6	483543	245.816 ng/ml
Clonazepam	5.639	136066	335810.4	33.5	∞	9793	255.963 ng/ml
Clonazepam	5.586	263993	248493.8	39.4	1532454.2	177511	229.107 ng/ml
Cocaine	4.286	2960472	334732.2	46.3	82218.6	1021997	248.091 ng/ml
Codeine	2.613	352216	40454.0	88.8	19183.7	75510	248.651 ng/ml
Cyclobenzaprine	5.641	3448538	62776.2	9.9	310074.9	498260	243.208 ng/ml
Dextromethorphan	5.292	2071492	237810.5	74.6	91775.8	391672	244.427 ng/ml
Dextrophan	4.144	3117113	292394.2	44.7	∞	675192	249.216 ng/ml
Diazepam	5.968	926083	8976.0	86.7	23392.8	178384	245.705 ng/ml
Dihydrocodeine	2.572	1092907	1687.0	58.8	6596.5	304017	235.382 ng/ml
Diphenhydramine	5.324	9412141	∞	30.6	33310.7	1853636	238.253 ng/ml
Doxylamine	4.566	10768498	662014.2	81.8	457803.0	1686442	249.927 ng/ml
EDDP	5.286	4246504	149809.4	43.2	∞	854437	241.428 ng/ml
Etizolam	5.831	657688	∞	24.5	∞	178384	264.361 ng/ml
Fentanyl	5.139	373620	392000.7	133.9	642528.9	729309	23.984 ng/ml
Flualprazolam	5.727	537014	4379.2	99.4	3609.0	177511	225.158 ng/ml
Fluoxetine	5.728	2975105	193784.0	7.4	444442.1	478657	242.234 ng/ml
Hydrocodone	3.049	1418761	∞	37.5	∞	675173	246.879 ng/ml
Hydromorphone	1.618	1326074	5573.3	71.5	3628.6	12267	248.469 ng/ml
Ketamine	4.088	2888337	481821.1	39.1	239131.0	625648	245.846 ng/ml
Lamotrigine	4.319	213841	44722.6	87.3	344948.7	386191	244.645 ng/ml
Levetiracetam	2.687	1538024	106966.3	220.7	188466.8	475678	245.574 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	41782	17979.8	50.1	4034.3	8550	245.489 ng/ml
MDA	3.220	2561906	109126.4	26.0	26942.1	386191	246.545 ng/ml
MDMA	3.317	2993838	398401.6	98.3	461468.1	133835	250.129 ng/ml
Meprobamate	4.941	362074	454457.0	29.3	2512.7	61512	231.584 ng/ml
Methadone	5.676	5965018	707031.3	50.9	186166.6	1178821	242.451 ng/ml
Methamphetamine	3.247	2689594	∞	246.1	38858.7	1215696	232.255 ng/ml
Metoprolol	4.349	753681	305528.2	95.9	∞	2894363	244.966 ng/ml
Mirtazapine	4.678	7111118	151125.5	47.7	371245.6	1178821	248.128 ng/ml
Mitragynine	5.268	1050788	19338.6	33.8	27435.2	478657	242.596 ng/ml
Morphine	1.236	235916	14523.0	16.4	∞	12267	244.753 ng/ml
Norbuprenorphine	5.024	4644	6032.6	87.1	3798.2	9808	24.460 ng/ml
Nordiazepam	5.912	192425	56693.6	62.7	∞	28553	249.549 ng/ml
Norfentanyl	4.109	190028	18005.1	35.1	114360.1	980565	24.565 ng/ml
Norhydrocodone	3.095	44830	∞	364.1	∞	135985	241.915 ng/ml
Noroxycodone	2.936	912530	∞	43.9	∞	136130	251.071 ng/ml
O-desmethyl-tramadol	3.399	7686290	1228261.5	6.0	79409.9	1566065	240.866 ng/ml
Oxazepam	5.771	56787	1371.5	70.0	∞	8550	246.825 ng/ml
Oxycodone	2.863	2654394	∞	28.6	∞	443034	245.413 ng/ml
Oxymorphone	1.399	1369797	∞	43.4	∞	231271	250.897 ng/ml
Phentermine	3.806	1220000	11547.0	8.3	4233.5	667838	243.184 ng/ml
Promethazine	5.568	4909424	3428745.5	37.5	47398.3	997945	245.131 ng/ml
Pseudoephedrine	2.605	15588689	∞	24.4	∞	2894363	242.493 ng/ml
Quetiapine	5.591	4381005	∞	60.9	∞	245984	253.206 ng/ml
Sertraline	5.791	1039684	967048.0	94.8	1583503.5	181098	243.775 ng/ml
Temazepam	5.838	539904	14495.3	30.7	1812.6	99856	239.383 ng/ml
Tramadol	4.271	6782715	∞	3.4	8955.1	1332571	242.351 ng/ml
Trazodone	5.237	3373680	∞	78.7	183923.6	858398	212.152 ng/ml
Venlafaxine	5.069	5616887	1177336.8	39.3	66572.0	135531	245.706 ng/ml
Zolpidem	4.999	7078943	190460.1	30.2	∞	1253331	246.628 ng/ml

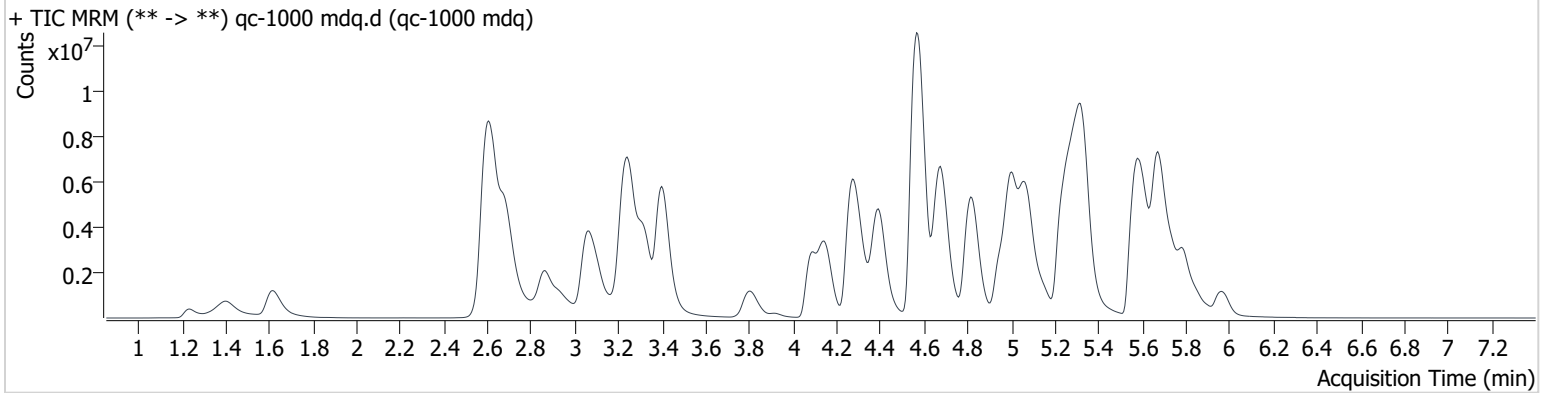
AM #28 Multi-Drug Quant. Results

BWylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-D2	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 2:49:05 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	177473	866231.1	140.3	49382.8	48263	99.765 ng/ml
7-aminoclonazepam	4.313	759765	800692.0	79.3	36239.2	28315	965.216 ng/ml
a-hydroxyalprazolam	5.722	105791	7989.1	55.8	1595.2	113499	695.254 ng/ml
alpha-PHP	4.956	7787342	550995.9	38.9	∞	644030	861.928 ng/ml
alpha-PVP	4.396	12151434	782542.7	52.8	219555.7	495201	1023.501 ng/ml
Alprazolam	5.791	2519721	27498.2	88.6	3643.3	93360	990.081 ng/ml
Amphetamine	3.073	10661246	118978.6	45.9	120049.0	339233	651.592 ng/ml
Benzoylcegonine	3.921	282178	951069.2	15.8	73744.6	10349	982.054 ng/ml
Buprenorphine	5.856	128230	94438.0	15.9	461300.1	34460	109.584 ng/ml
Bupropion	4.816	14377107	6450171.8	63.4	349606.0	644030	1044.015 ng/ml
Carisoprodol	5.751	1231625	31363157.2	57.4	110055.6	48925	972.250 ng/ml
Citalopram	5.238	4834452	157396.2	43.7	331783.0	229061	957.282 ng/ml
Clonazepam	5.634	257187	678810.9	33.1	94606.2	5315	892.956 ng/ml
Clonazepam	5.596	444986	11276.8	40.5	1639.3	93360	733.661 ng/ml
Cocaine	4.291	6947217	11591501.6	45.4	119894.0	591182	1006.881 ng/ml
Codeine	2.618	720951	135946.8	91.7	20890.5	43196	891.957 ng/ml
Cyclobenzaprine	5.636	7252326	270952.2	9.6	14044.0	260350	979.018 ng/ml
Dextromethorphan	5.292	4043401	212414.2	73.5	296587.9	188548	991.478 ng/ml
Dextrophan	4.149	8394646	659363.8	44.0	1014014.5	440963	1027.554 ng/ml
Diazepam	5.968	2388709	∞	87.2	7550.2	113499	995.963 ng/ml
Dihydrocodeine	2.562	2625276	16058.4	60.1	1248.8	232672	740.675 ng/ml
Diphenhydramine	5.331	20561298	984814.8	29.6	769790.4	947404	1017.114 ng/ml
Doxylamine	4.566	31145935	938505.2	86.0	504921.4	1228944	991.421 ng/ml
EDDP	5.281	13240871	1319891.0	42.3	286999.6	628370	1023.841 ng/ml
Etizolam	5.836	1521890	28122.9	24.3	10637.6	113499	963.253 ng/ml
Fentanyl	5.139	1237470	∞	136.6	1562226.8	555575	104.228 ng/ml
Flualprazolam	5.727	1107528	5567.4	95.2	20547.2	93360	882.037 ng/ml
Fluoxetine	5.728	5094991	2147720.1	7.5	664938.3	202144	983.112 ng/ml
Hydrocodone	3.049	4131405	∞	35.5	∞	515500	942.376 ng/ml
Hydromorphone	1.618	3778795	8790.8	71.8	5522.7	8730	994.375 ng/ml
Ketamine	4.088	7380012	1141622.3	38.6	94598.8	427830	919.819 ng/ml
Lamotrigine	4.324	327364	29474.1	88.8	15819.8	209526	690.594 ng/ml
Levetiracetam	2.686	4305437	1413823.8	222.7	231566.9	339233	962.791 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	114213	∞	48.0	703717060 9764.8	5452	1054.448 ng/ml
MDA	3.205	4605958	137267.6	26.2	50404.4	209526	818.878 ng/ml
MDMA	3.318	7279452	705809.2	97.1	954727.1	79841	1019.243 ng/ml
Meprobamate	4.930	754242	929948.0	28.7	400147.3	41891	709.641 ng/ml OCR
Methadone	5.676	16215204	1019019.2	47.4	184878.6	752247	1031.751 ng/ml
Methamphetamine	3.247	6270256	256861.1	259.0	∞	958969	692.641 ng/ml OCR
Metoprolol	4.349	1377638	295809.3	95.7	∞	1614026	804.907 ng/ml
Mirtazapine	4.675	19600694	664214.2	46.3	281937.3	752247	1070.881 ng/ml
Mitragynine	5.262	2080127	89532.4	34.9	16872.5	202144	1135.983 ng/ml OCR
Morphine	1.236	646742	∞	17.5	∞	8730	943.076 ng/ml
Norbuprenorphine	5.024	9870	14307.1	90.8	17457.8	4976	101.807 ng/ml
Nordiazepam	5.912	502548	∞	64.2	∞	18767	991.544 ng/ml
Norfentanyl	4.103	380431	43873.3	35.4	559010.7	550946	87.635 ng/ml
Norhydrocodone	3.095	121246	∞	331.6	∞	77944	1133.139 ng/ml
Noroxycodone	2.936	2332661	∞	44.5	∞	87940	993.880 ng/ml
O-desmethyl-tramadol	3.399	21814424	1941185.7	5.9	159752.9	1080178	991.087 ng/ml
Oxazepam	5.771	157435	3045.7	72.0	16134.5	5452	1072.652 ng/ml
Oxycodone	2.858	8259333	∞	28.0	∞	349402	968.573 ng/ml
Oxymorphone	1.399	3625883	∞	43.5	∞	162906	943.602 ng/ml
Phentermine	3.806	3161215	∞	7.5	58843.3	493467	854.300 ng/ml
Promethazine	5.563	13782961	6220465.3	35.3	335709.5	663314	1034.543 ng/ml
Pseudoephedrine	2.605	36615115	∞	23.7	∞	1614026	1020.596 ng/ml
Quetiapine	5.596	8339855	∞	61.7	∞	125955	941.488 ng/ml
Sertraline	5.786	1914283	503582.9	95.0	2053528.9	84094	966.539 ng/ml
Temazepam	5.843	1122973	332754.0	31.0	7282.6	51886	957.333 ng/ml
Tramadol	4.262	16992864	2899792.6	3.3	8036.7	819327	988.734 ng/ml
Trazodone	5.226	6871477	853838.8	77.1	83121.6	697473	533.168 ng/ml OCR
Venlafaxine	5.068	15733306	835169.1	37.2	64792.7	858904	1084.266 ng/ml
Zolpidem	5.005	18717811	1997786.3	29.6	124003.7	790800	1033.148 ng/ml

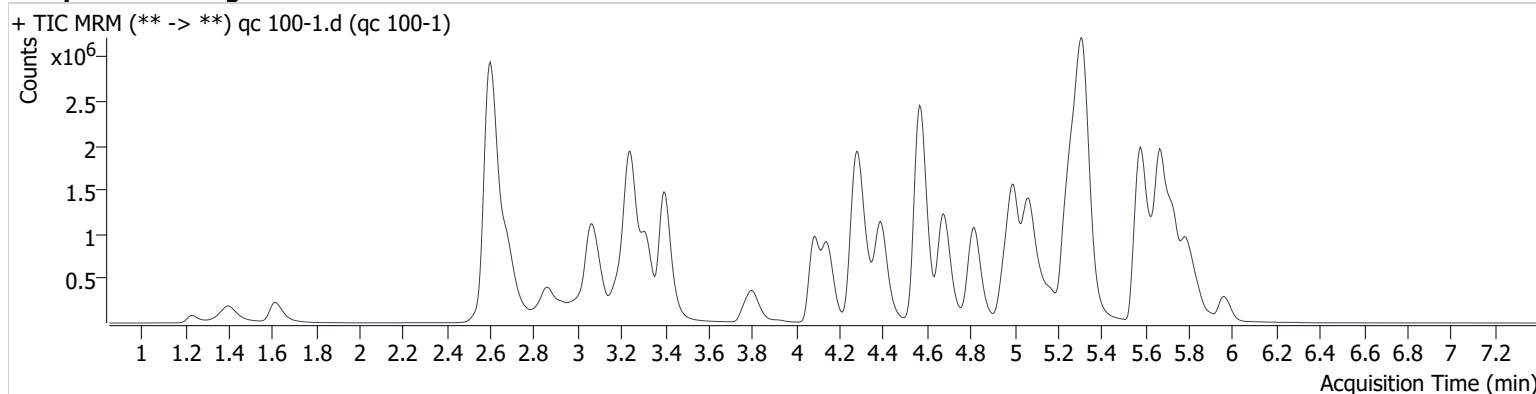
AM #28 Multi-Drug Quant. Results

BWylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	qc 100-1.d
Type	QC	Sample	qc 100-1
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-E2	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 2:58:07 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.160	30809	31546.7	143.2	133673.5	79104	10.599 ng/ml
7-aminoclonazepam	4.308	314517	38809.9	75.3	36360.7	109564	103.415 ng/ml
a-hydroxyalprazolam	5.722	28763	∞	53.8	5994.4	201388	105.258 ng/ml
alpha-PHP	4.961	1508597	118413.1	39.8	45430.8	972277	109.962 ng/ml
alpha-PVP	4.392	2031977	142069.5	52.9	103540.0	822670	103.190 ng/ml
Alprazolam	5.791	634346	5875.5	86.8	∞	214495	108.691 ng/ml
Amphetamine	3.073	2765538	26654.1	44.2	11930.8	515102	110.171 ng/ml
Benzoylcegonine	3.921	32517	106011.1	16.2	60662.9	11246	103.678 ng/ml
Buprenorphine	5.845	26848	30700.8	15.3	23393.7	86013	9.645 ng/ml
Bupropion	4.821	2154261	52027.0	66.9	17794.4	972277	103.780 ng/ml
Carisoprodol	5.746	452124	547964.5	55.8	3926.7	161508	108.049 ng/ml
Citalopram	5.248	1405344	25371.8	41.7	130625.4	599215	106.410 ng/ml
Clonazepam	5.634	71374	65528.5	31.1	52910.6	11624	112.778 ng/ml
Clonazepam	5.586	143930	4210.1	38.9	42229.1	214495	103.524 ng/ml
Cocaine	4.291	1463431	187464.7	47.2	119775.5	1190541	105.193 ng/ml
Codeine	2.608	188748	14903.0	89.9	8761.9	90825	110.297 ng/ml
Cyclobenzaprine	5.641	1785993	47814.6	9.8	29234.4	587453	106.803 ng/ml
Dextromethorphan	5.292	1076055	35385.7	75.0	20184.4	478120	103.940 ng/ml
Dextrophan	4.144	1445343	38935.0	45.4	34831.5	746089	104.596 ng/ml
Diazepam	5.963	440080	∞	87.6	9399.3	201388	103.444 ng/ml
Dihydrocodeine	2.567	548447	7751.0	58.9	646.7	326811	109.411 ng/ml
Diphenhydramine	5.323	4750647	506089.3	30.8	46611.2	2258154	98.931 ng/ml
Doxylamine	4.571	4799255	49428.5	81.8	∞	1798007	104.582 ng/ml
EDDP	5.286	1939283	42495.6	43.5	12463.8	910940	103.377 ng/ml
Etizolam	5.831	330788	∞	24.1	∞	201388	117.394 ng/ml
Fentanyl	5.139	165184	38610.7	134.6	364352.3	760942	10.172 ng/ml
Flualprazolam	5.727	288092	3663.2	96.0	5031.2	214495	100.131 ng/ml
Fluoxetine	5.728	1644118	24315.1	7.5	430386.8	615573	103.937 ng/ml
Hydrocodone	3.049	665461	∞	36.1	∞	714611	109.250 ng/ml
Hydromorphone	1.613	618940	3773.7	71.4	2411.0	13376	106.459 ng/ml
Ketamine	4.088	1382286	193230.8	39.0	∞	683577	107.437 ng/ml
Lamotrigine	4.319	121599	27966.7	87.1	5042.3	478068	112.293 ng/ml
Levetiracetam	2.681	702982	8733.4	220.5	74587.2	515102	103.881 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	21267	∞	44.0	∞	9405	113.246 ng/ml
MDA	3.220	1430642	28710.0	25.9	7895.4	478068	110.771 ng/ml
MDMA	3.317	1457897	119669.7	98.3	38114.8	153832	106.016 ng/ml
Meprobamate	4.941	183634	95047.2	29.5	2511.2	66555	108.224 ng/ml
Methadone	5.676	2738318	76406.5	52.9	238963.2	1297247	101.329 ng/ml
Methamphetamine	3.247	1339138	∞	245.6	13664.3	1281327	108.035 ng/ml
Metoprolol	4.349	413232	119082.3	94.4	8201.4	3420574	113.192 ng/ml
Mirtazapine	4.675	3222886	34623.5	48.2	∞	1297247	102.345 ng/ml
Mitragynine	5.273	564820	6237.6	32.1	5202.8	615573	101.582 ng/ml
Morphine	1.236	111874	∞	17.8	29985.5	13376	106.391 ng/ml
Norbuprenorphine	5.019	2212	2723.6	83.5	4006.4	12256	9.450 ng/ml
Nordiazepam	5.907	89050	25015.9	64.2	∞	31587	104.395 ng/ml
Norfentanyl	4.109	96699	55334.6	35.3	∞	1138825	10.739 ng/ml
Norhydrocodone	3.090	19945	∞	392.3	∞	157369	94.386 ng/ml
Noroxycodone	2.936	440141	∞	45.4	∞	152316	108.157 ng/ml
O-desmethyl-tramadol	3.399	3532369	75093.5	6.0	32654.2	1691612	102.480 ng/ml
Oxazepam	5.771	26575	1548.2	73.2	814.8	9405	105.077 ng/ml
Oxycodone	2.858	1199898	∞	28.8	∞	472316	103.996 ng/ml
Oxymorphone	1.399	661237	∞	43.5	∞	258515	108.193 ng/ml
Phentermine	3.806	603483	13709.5	8.3	13250.0	723460	110.717 ng/ml
Promethazine	5.568	2310610	∞	38.7	18425.6	1114344	103.468 ng/ml
Pseudoephedrine	2.600	7778927	3458354.0	24.7	206617.8	3420574	102.534 ng/ml
Quetiapine	5.591	2222253	177618.7	61.7	410868.1	299869	105.328 ng/ml
Sertraline	5.786	573326	60923.6	92.6	31888.3	236796	102.818 ng/ml
Temazepam	5.838	282853	58407.0	30.9	1375.6	121849	102.948 ng/ml
Tramadol	4.272	3305365	90327.1	3.4	2153.1	1456217	107.854 ng/ml
Trazodone	5.237	1784707	50425.0	77.1	59302.2	904149	106.102 ng/ml
Venlafaxine	5.068	2574169	30650.5	39.6	18659.7	1515966	101.019 ng/ml
Zolpidem	4.999	3307713	146975.7	30.0	71138.9	1393569	103.715 ng/ml

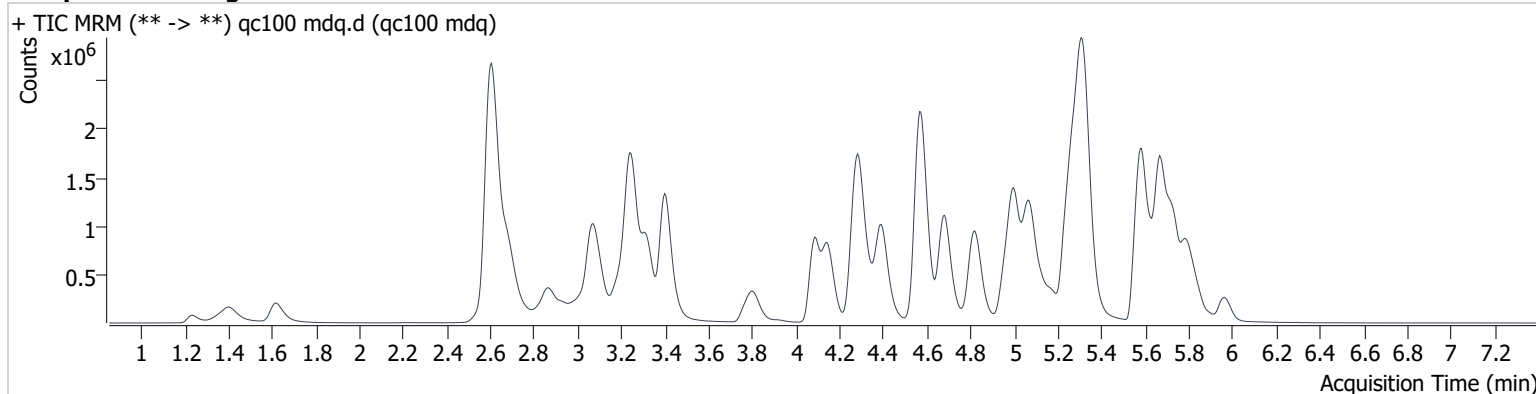
AM #28 Multi-Drug Quant. Results

BWylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq <i>end of run</i>
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-B2	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 5:58:06 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	28129	65767.1	137.1	160452.5	74212	10.316 ng/ml
7-aminoclonazepam	4.308	271318	4324.7	73.2	13426.2	98465	99.274 ng/ml
a-hydroxyalprazolam	5.717	27386	∞	51.5	2550.2	181031	111.576 ng/ml
alpha-PHP	4.961	1341114	2091398.5	40.2	63269.4	883486	107.563 ng/ml
alpha-PVP	4.398	1811479	4104640.1	52.6	80708.5	749516	100.975 ng/ml
Alprazolam	5.791	573797	15185.7	86.4	2994.1	198067	106.475 ng/ml
Amphetamine	3.078	2538537	25646.4	43.6	13304.3	478281	108.898 ng/ml
Benzoylcegonine	3.921	29558	∞	16.2	∞	10973	96.556 ng/ml
Buprenorphine	5.845	24716	∞	17.6	8357.1	80706	9.472 ng/ml
Bupropion	4.821	1909081	1597286.7	66.2	84875.1	883486	101.216 ng/ml
Carisoprodol	5.746	402963	6258579.7	57.1	5320.8	155573	99.968 ng/ml
Citalopram	5.248	1241027	37969.6	41.4	427940.3	543579	103.587 ng/ml
Clonazepam	5.634	64494	116981.1	31.5	29503.7	10642	111.301 ng/ml
Clonazepam	5.586	129672	32517.4	37.9	2695.9	198067	101.011 ng/ml
Cocaine	4.291	1324156	2334800.3	46.4	∞	1095440	103.443 ng/ml
Codeine	2.613	175663	∞	89.8	∞	84084	110.885 ng/ml
Cyclobenzaprine	5.641	1557686	1439593.7	9.9	120757.4	535767	102.135 ng/ml
Dextromethorphan	5.292	967744	219162.9	74.9	267521.1	440823	101.383 ng/ml
Dextroprhan	4.149	1298824	114505.1	45.2	1584400.2	680659	103.029 ng/ml
Diazepam	5.963	391378	18033.1	87.6	3656.4	181031	102.342 ng/ml
Dihydrocodeine	2.572	500541	4953.2	57.5	2555.3	301606	108.189 ng/ml
Diphenhydramine	5.324	4226667	244847.8	30.8	81748.6	2047284	97.092 ng/ml
Doxylamine	4.571	4256267	169709.6	81.6	425302.5	1626479	102.535 ng/ml
EDDP	5.286	1839615	2424219.8	44.5	∞	887890	100.608 ng/ml
Etizolam	5.831	292511	8820.8	24.5	12610.6	181031	115.473 ng/ml
Fentanyl	5.144	143109	∞	137.7	∞	685888	9.778 ng/ml
Flualprazolam	5.727	257267	1175.1	98.0	8281.7	198067	96.844 ng/ml
Fluoxetine	5.728	1491747	∞	7.4	74536.7	568170	102.168 ng/ml
Hydrocodone	3.054	591082	∞	37.1	∞	668585	103.705 ng/ml
Hydromorphone	1.618	553194	1605.1	71.6	2795.2	12688	100.317 ng/ml
Ketamine	4.093	1218844	544509.6	39.2	33143.3	625922	103.443 ng/ml
Lamotrigine	4.319	109230	61985.1	87.7	13795.6	446767	107.932 ng/ml
Levetiracetam	2.686	627640	68489.6	222.0	102427.2	478281	99.903 ng/ml

AM #28 Multi-Drug Quant. Results

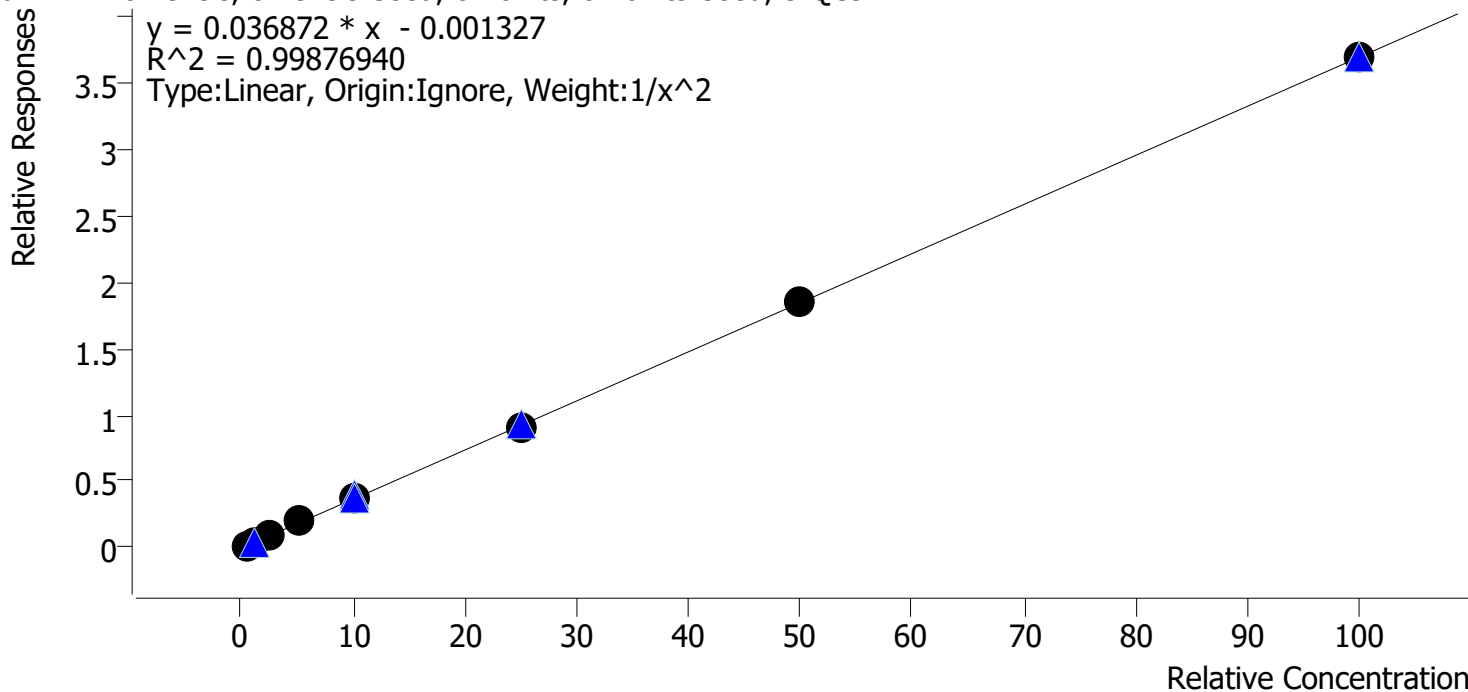
Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	18911	∞	44.5	∞	9198	102.901 ng/ml
MDA	3.225	1309133	49083.5	25.6	12808.8	446767	108.447 ng/ml
MDMA	3.318	1304077	8642377.2	98.5	83497.8	142140	102.633 ng/ml
Meprobamate	4.946	162303	∞	29.0	3283.2	60479	105.246 ng/ml
Methadone	5.676	2392065	56256.1	52.7	∞	1159981	98.998 ng/ml
Methamphetamine	3.252	1191248	6768.3	252.9	∞	1172285	104.955 ng/ml
Metoprolol	4.355	373901	∞	94.2	∞	3207618	109.188 ng/ml
Mirtazapine	4.680	2886238	∞	47.7	2806853.1	1159981	102.500 ng/ml
Mitragynine	5.273	503756	9035.5	32.1	404597.8	568170	98.169 ng/ml
Morphine	1.236	98282	36353.4	17.5	∞	12688	98.524 ng/ml
Norbuprenorphine	5.029	2236	3551.1	88.1	1243.4	10960	10.655 ng/ml
Nordiazepam	5.912	80170	∞	62.9	∞	28622	103.719 ng/ml
Norfentanyl	4.109	86738	9175.0	35.8	109514.9	1054322	10.404 ng/ml
Norhydrocodone	3.095	15904	3012.2	436.8	334.4	144635	82.188 ng/ml
Noroxycodone	2.941	392366	∞	42.6	2852.6	139868	104.994 ng/ml
O-desmethyl-tramadol	3.404	3155475	∞	6.0	18820.2	1545793	100.182 ng/ml
Oxazepam	5.776	24172	2323.2	77.1	∞	9198	97.732 ng/ml
Oxycodone	2.863	1094084	∞	28.4	∞	429784	104.209 ng/ml
Oxymorphone	1.399	593851	∞	43.8	∞	239403	104.916 ng/ml
Phentermine	3.811	533873	1873.7	8.7	8686.5	665340	106.479 ng/ml
Promethazine	5.568	2077326	∞	38.2	59162.0	1024120	101.223 ng/ml
Pseudoephedrine	2.611	6997371	∞	24.6	∞	3207618	98.366 ng/ml
Quetiapine	5.591	2057047	4909031.0	59.9	5472111.5	279888	104.457 ng/ml
Sertraline	5.791	501609	445994.5	94.6	∞	215127	99.019 ng/ml
Temazepam	5.838	252186	14999.8	31.1	19489.0	114307	97.857 ng/ml
Tramadol	4.272	2912510	656174.1	3.5	3701.3	1330778	103.979 ng/ml
Trazodone	5.237	1581905	∞	77.5	1248127.3	824047	103.162 ng/ml
Venlafaxine	5.068	2250138	∞	40.1	23642.8	1385813	96.621 ng/ml
Zolpidem	5.005	2960761	3445953.6	30.1	427391.7	1283396	100.809 ng/ml

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



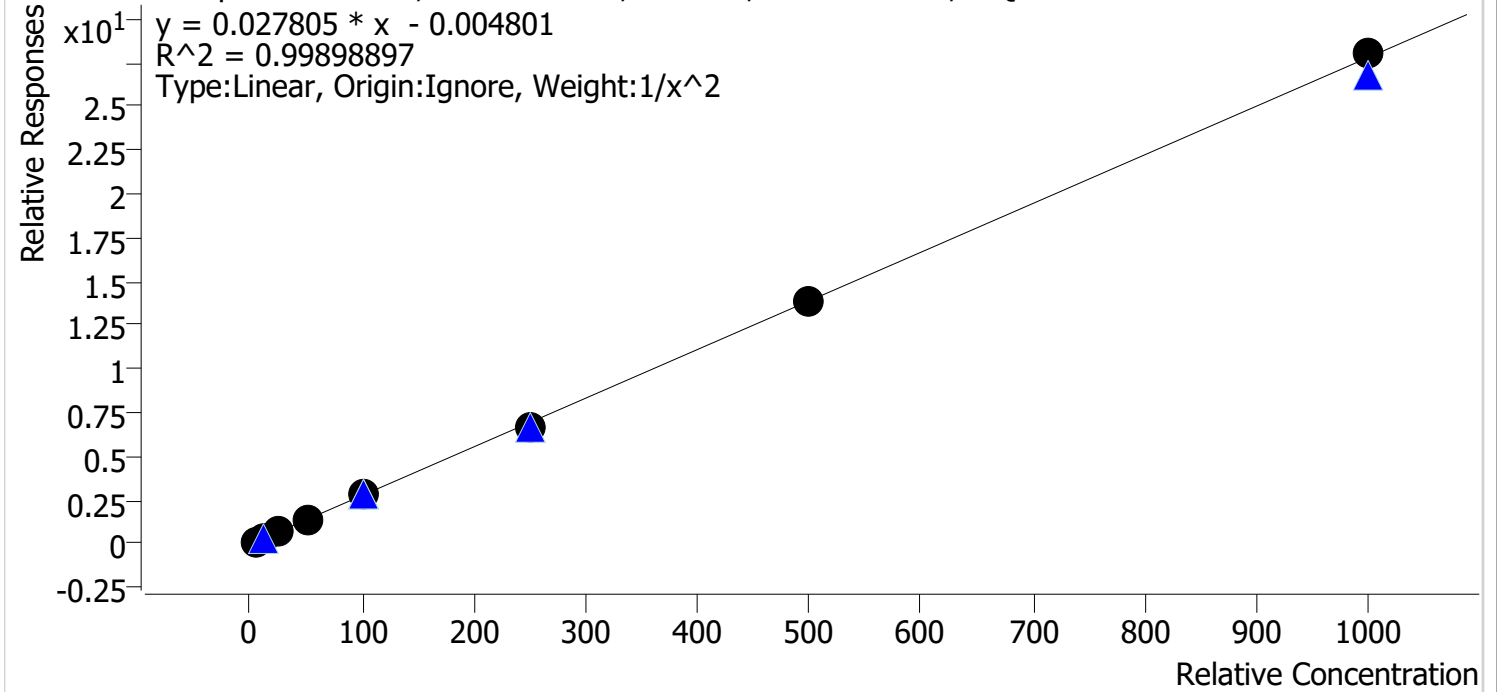
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cal 1 mdq	1	✓	0.5	0.5	101.6
cal 2 mdq	2	✓	1.0	1.0	96.9
cal 3 mdq	3	✓	2.5	2.4	96.8
cal 4 mdq	4	✓	5.0	5.3	106.1
cal 5 mdq	5	✓	10.0	10.1	100.9
cal 6 mdq	6	✓	25.0	24.5	98.1
cal 7 mdq	7	✓	50.0	49.9	99.7
cal 8 mdq	8	✓	100.0	99.9	99.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam

Internal Standard 7-Aminoclonazepam-D4

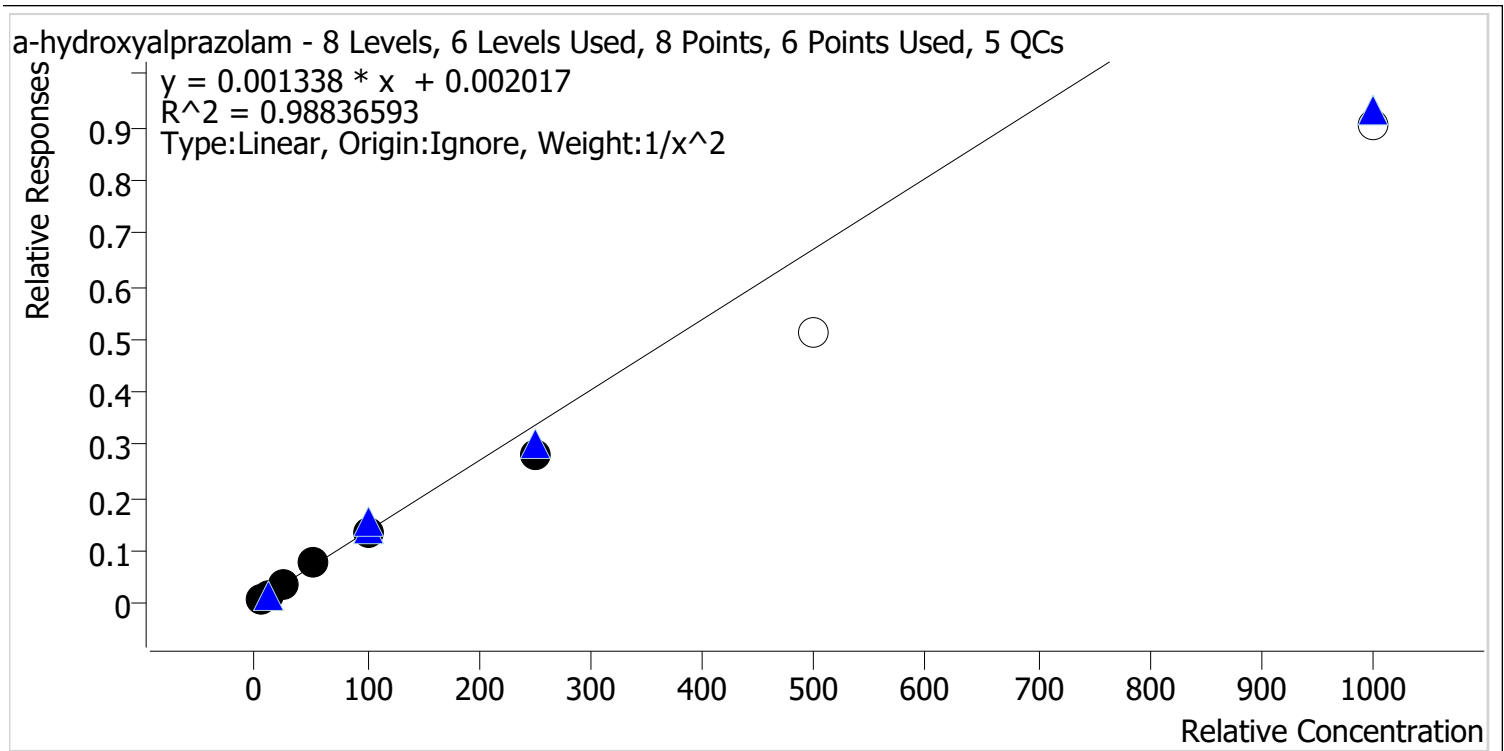
7-aminoclonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	237.5	95.0
cal 7 mdq	7	✓	500.0	495.4	99.1
cal 8 mdq	8	✓	1000.0	1008.1	100.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** **Diazepam-D5**



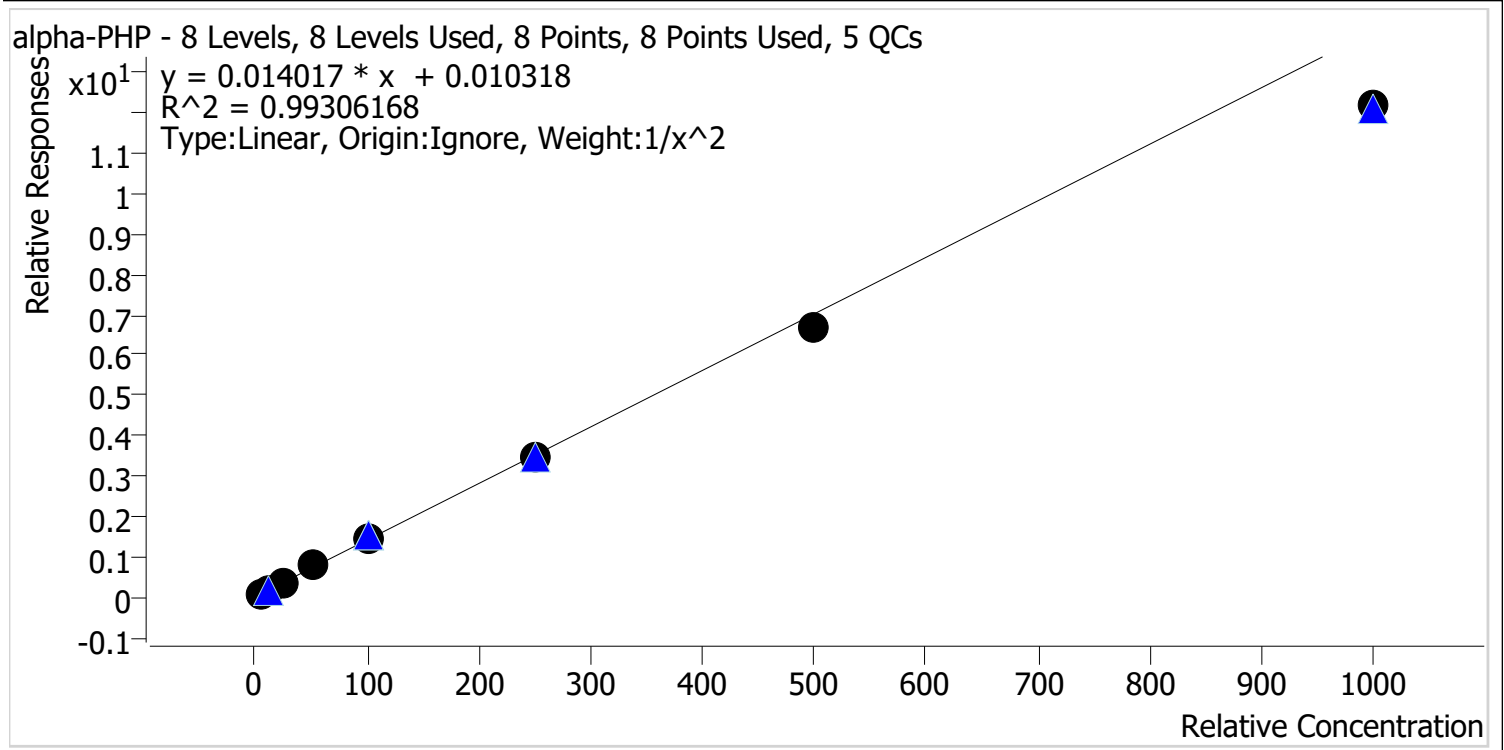
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.0
cal 2 mdq	2	✓	10.0	10.4	104.4
cal 3 mdq	3	✓	25.0	26.6	106.3
cal 4 mdq	4	✓	50.0	54.2	108.4
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	211.0	84.4
cal 7 mdq	7	✗	500.0	383.3	76.7
cal 8 mdq	8	✗	1000.0	672.7	67.3

cal 7 & 8 did not meet accuracy criteria

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte alpha-PHP

Internal Standard Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	25.8	103.0
cal 4 mdq	4	✓	50.0	55.8	111.6
cal 5 mdq	5	✓	100.0	105.1	105.1
cal 6 mdq	6	✓	250.0	248.0	99.2
cal 7 mdq	7	✓	500.0	478.5	95.7
cal 8 mdq	8	✓	1000.0	868.4	86.8

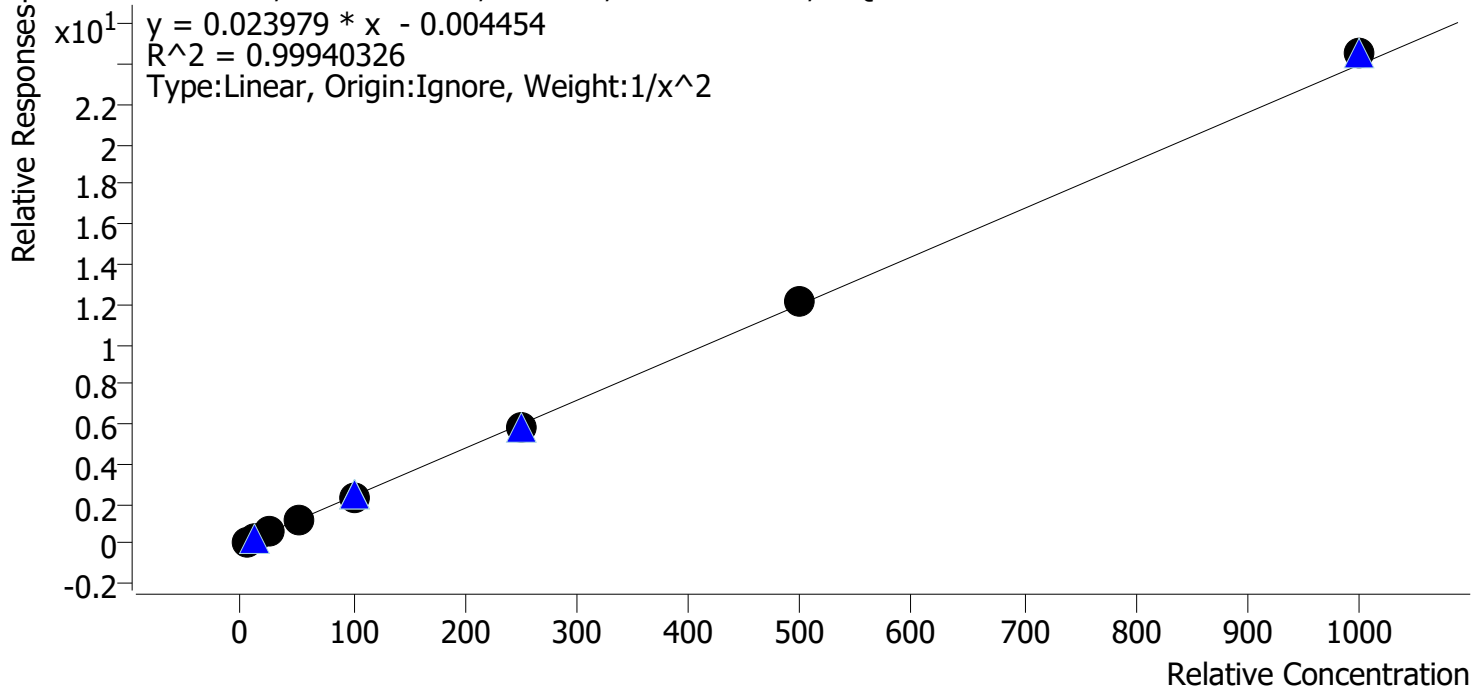
Compound Calibration Report

B. Wylee

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte alpha-PVP

Internal Standard alpha-PVP-d8

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

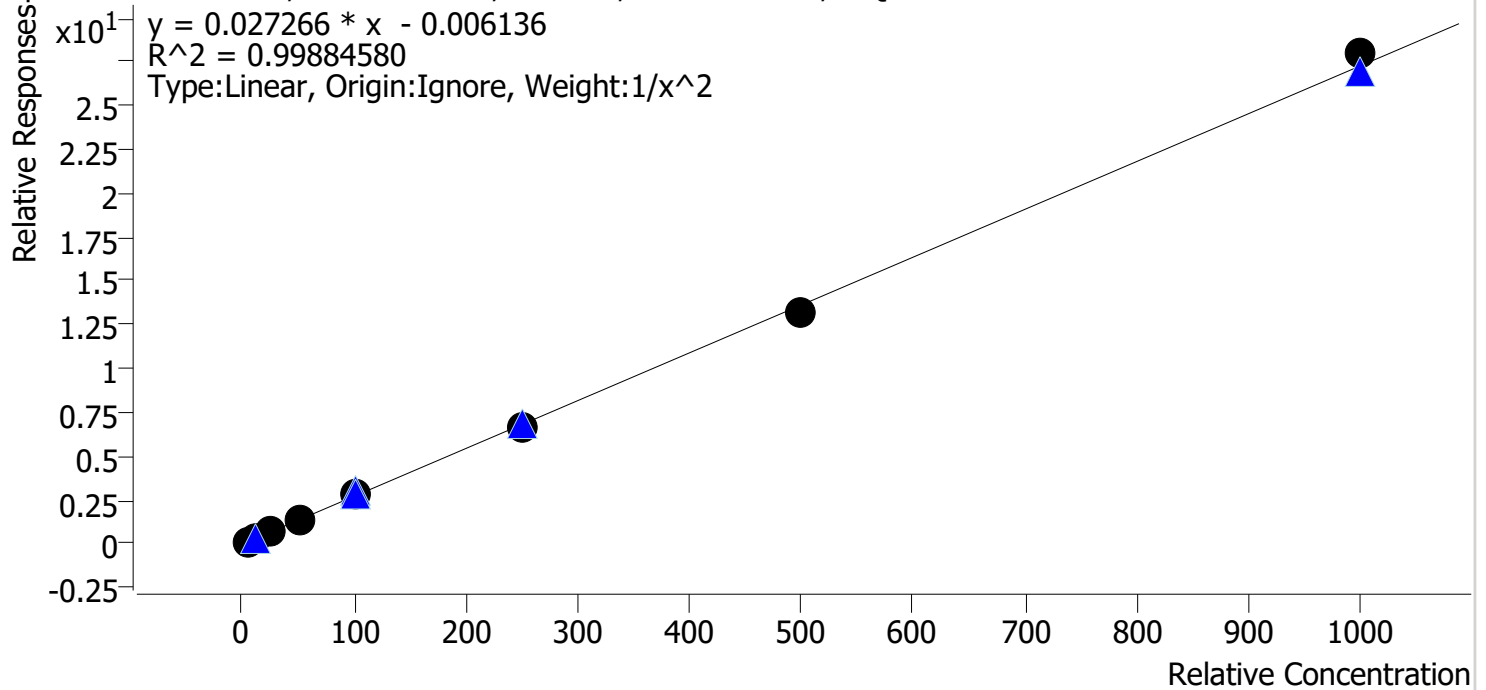


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.8	98.2
cal 3 mdq	3	✓	25.0	24.5	98.2
cal 4 mdq	4	✓	50.0	51.5	102.9
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	244.1	97.6
cal 7 mdq	7	✓	500.0	507.2	101.4
cal 8 mdq	8	✓	1000.0	1021.8	102.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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

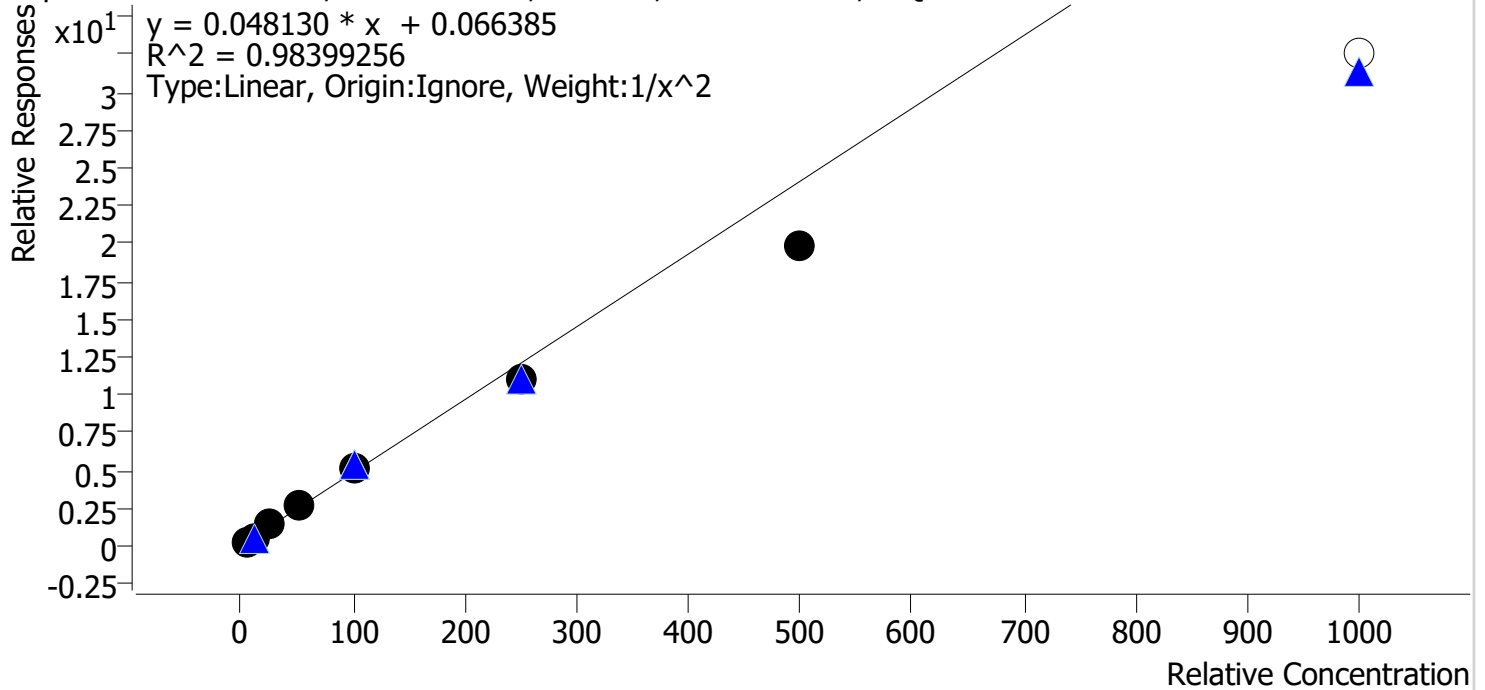


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	24.6	98.6
cal 4 mdq	4	✓	50.0	52.1	104.3
cal 5 mdq	5	✓	100.0	101.0	101.0
cal 6 mdq	6	✓	250.0	241.1	96.4
cal 7 mdq	7	✓	500.0	480.9	96.2
cal 8 mdq	8	✓	1000.0	1025.8	102.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



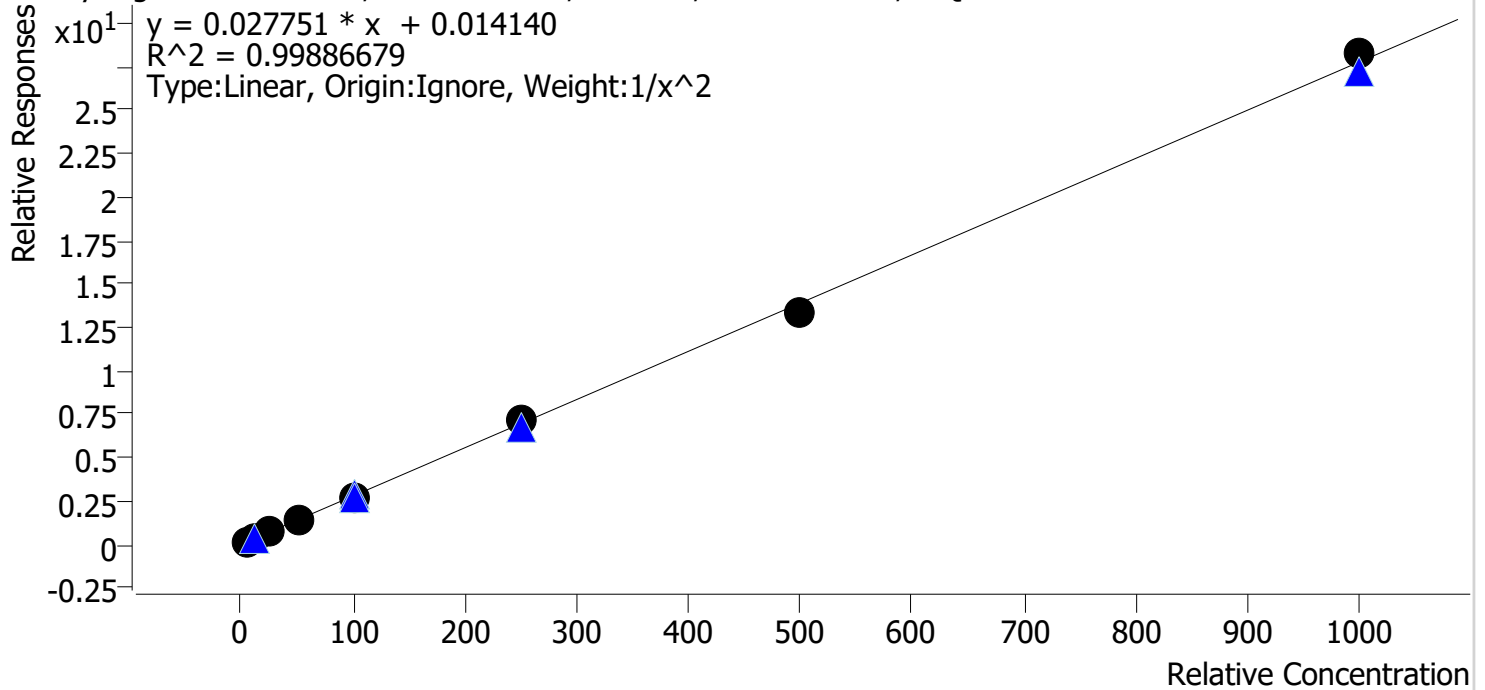
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.2
cal 2 mdq	2	✓	10.0	10.4	103.6
cal 3 mdq	3	✓	25.0	27.2	108.7
cal 4 mdq	4	✓	50.0	56.2	112.5
cal 5 mdq	5	✓	100.0	106.1	106.1
cal 6 mdq	6	✓	250.0	230.2	92.1
cal 7 mdq	7	✓	500.0	409.0	81.8
cal 8 mdq	8	✗	1000.0	675.1	67.5

Cal 8 did not meet accuracy criteria

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



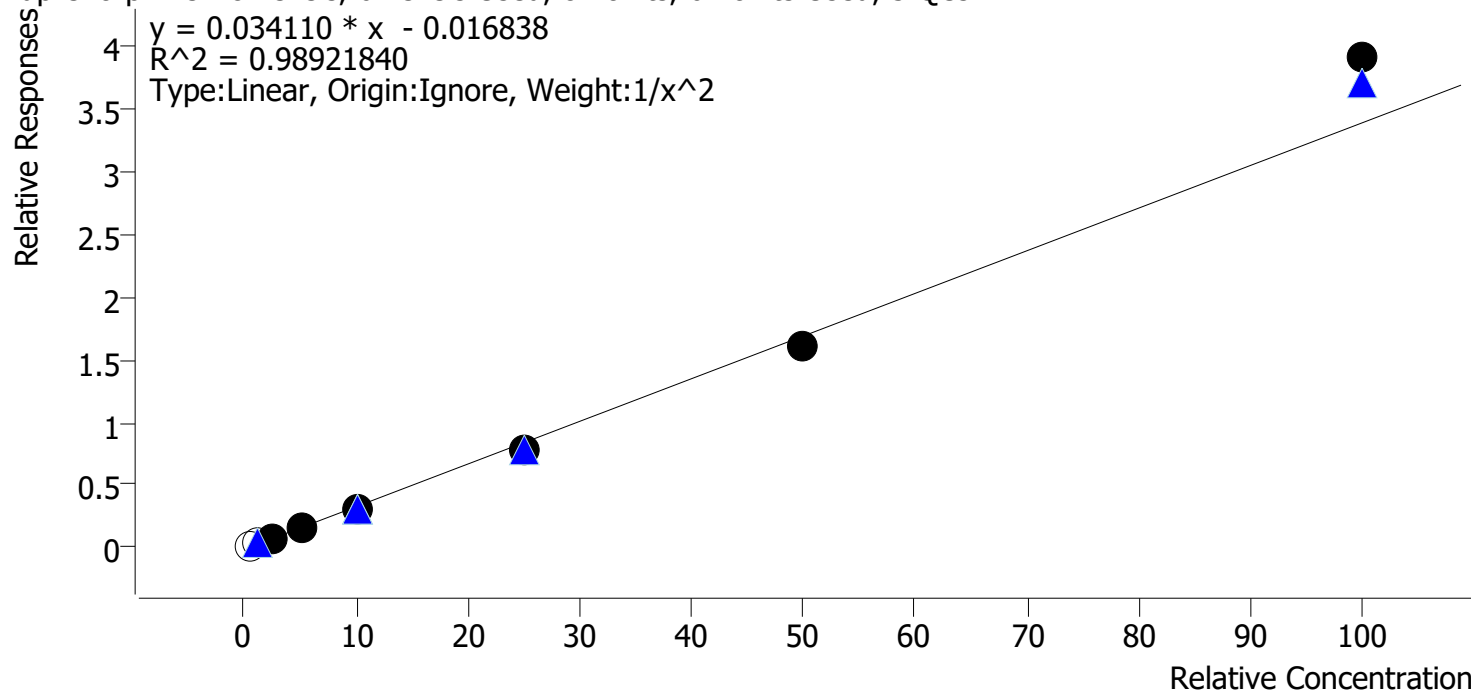
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	23.9	95.5
cal 4 mdq	4	✓	50.0	51.8	103.6
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	258.2	103.3
cal 7 mdq	7	✓	500.0	483.4	96.7
cal 8 mdq	8	✓	1000.0	1017.5	101.7

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



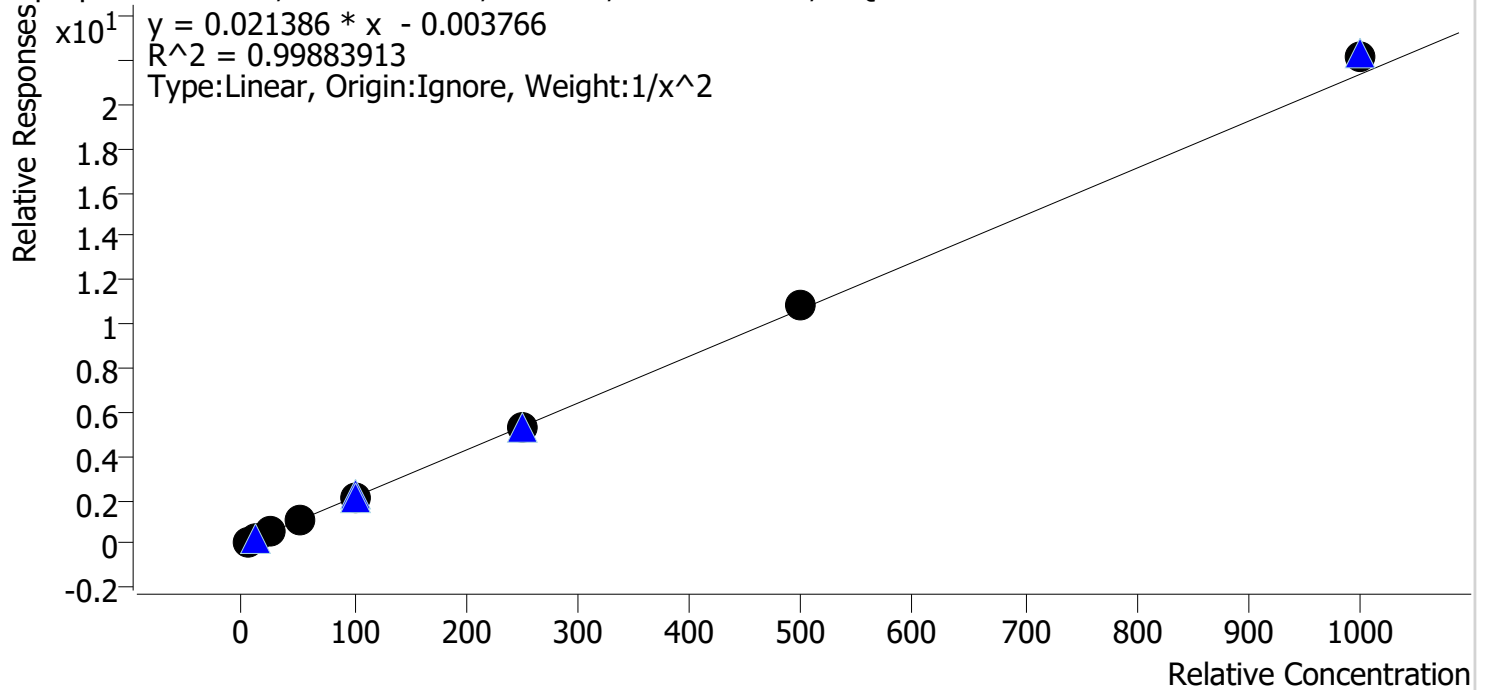
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.8	167.6
cal 2 mdq	2	x	1.0	1.3	135.0
cal 3 mdq	3	✓	2.5	2.5	101.6
cal 4 mdq	4	✓	5.0	5.1	101.2
cal 5 mdq	5	✓	10.0	9.3	93.3
cal 6 mdq	6	✓	25.0	23.4	93.4
cal 7 mdq	7	✓	50.0	47.6	95.2
cal 8 mdq	8	✓	100.0	115.3	115.3

cal 1 & 2 did not meet accuracy, ratio requirements and also had poor peak shape/response

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



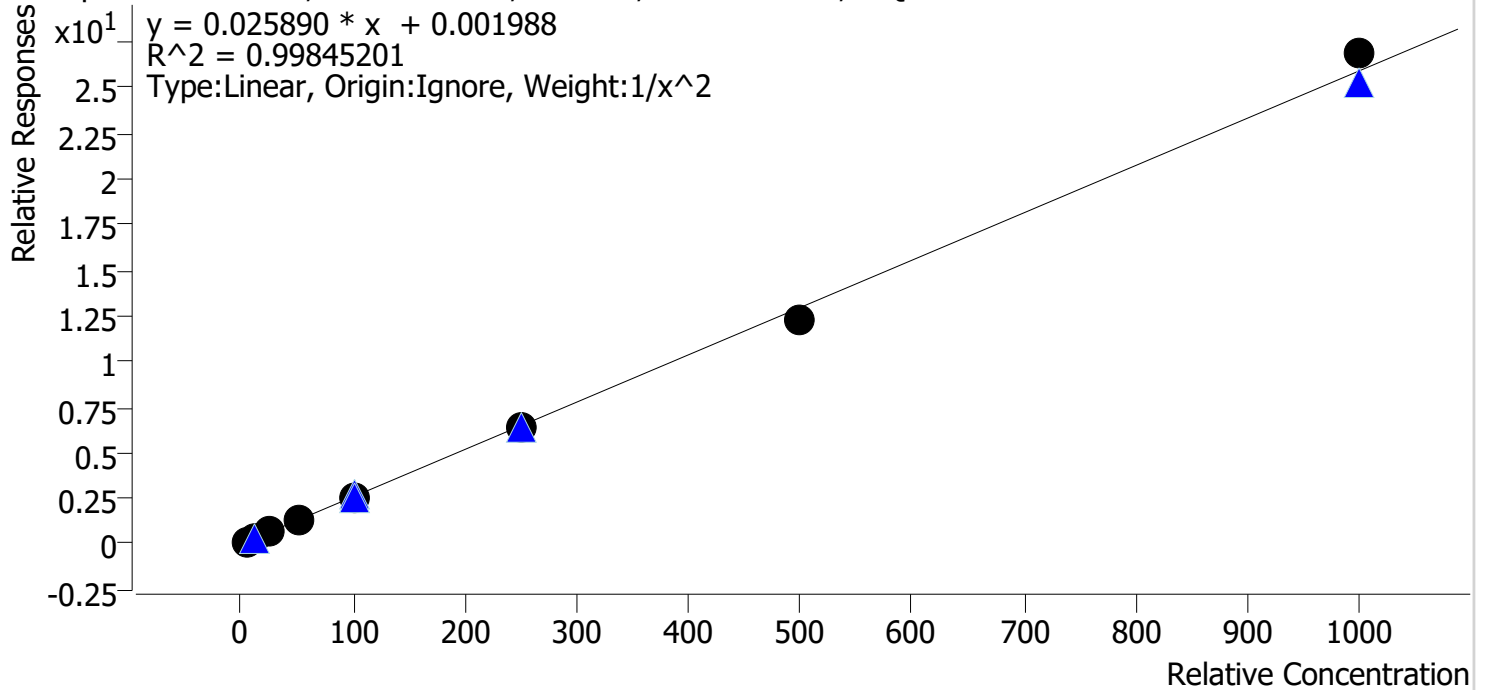
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.9
cal 2 mdq	2	✓	10.0	9.8	97.5
cal 3 mdq	3	✓	25.0	23.9	95.7
cal 4 mdq	4	✓	50.0	51.2	102.4
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	510.5	102.1
cal 8 mdq	8	✓	1000.0	1038.7	103.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard Carisoprodol-D7

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

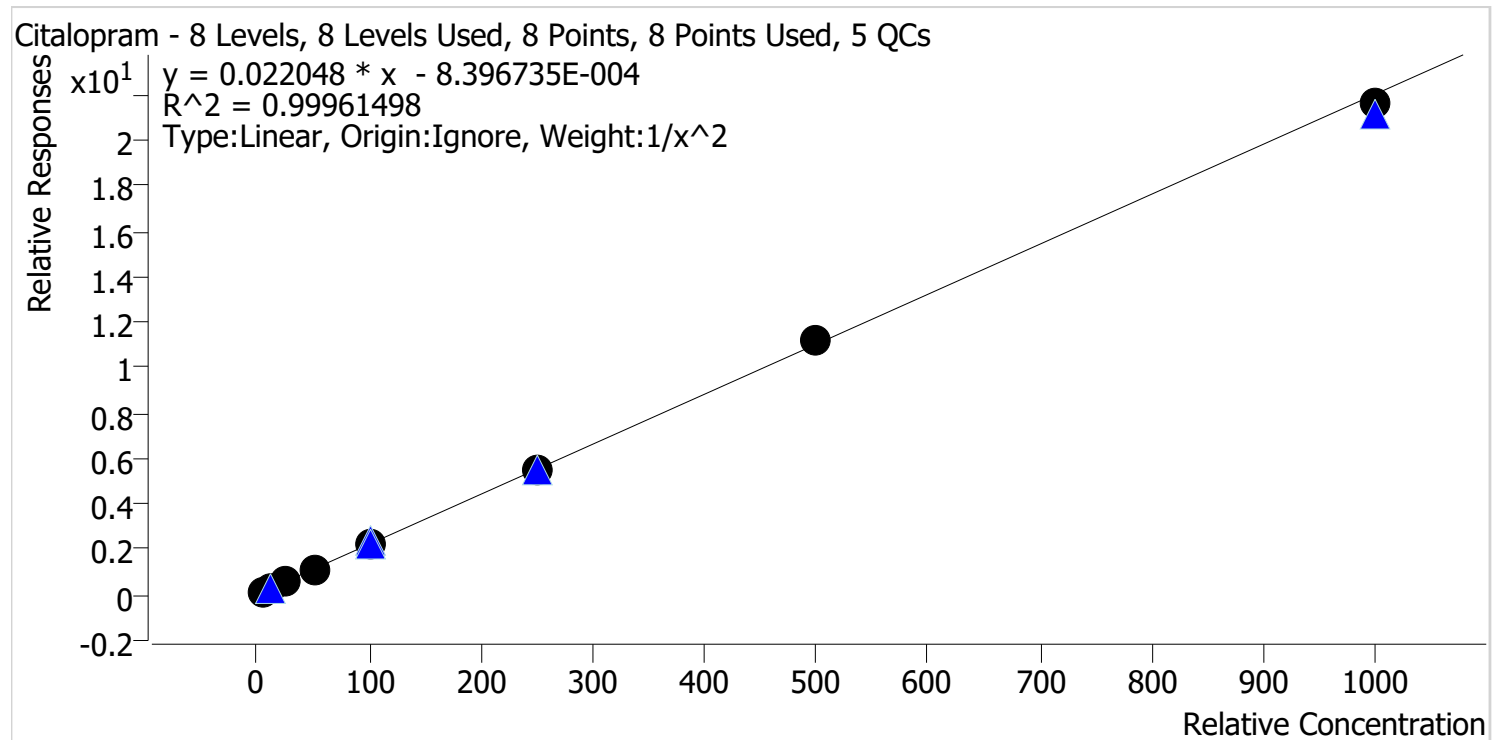


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	52.7	105.4
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	243.6	97.4
cal 7 mdq	7	✓	500.0	476.9	95.4
cal 8 mdq	8	✓	1000.0	1036.6	103.7

Compound Calibration Report

Boyle

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



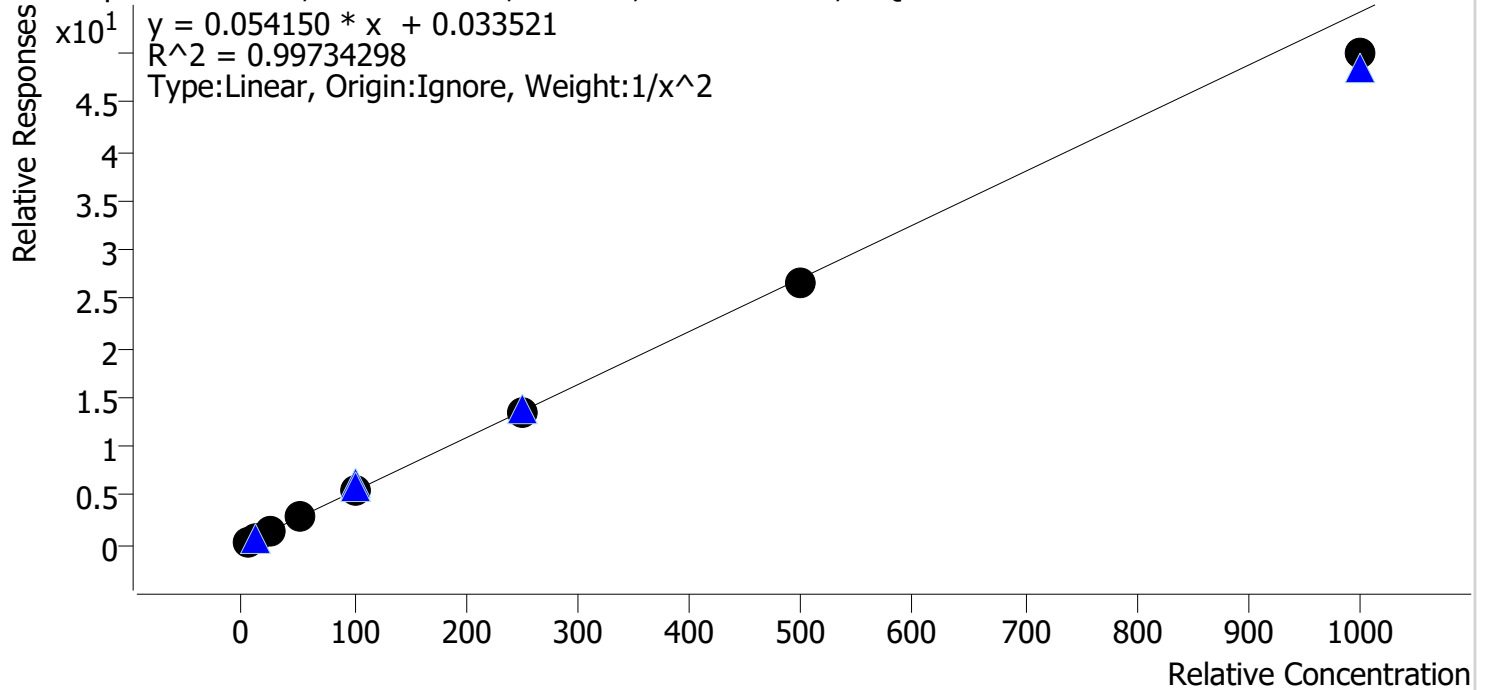
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.9
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	24.4	97.4
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	99.4	99.4
cal 6 mdq	6	✓	250.0	251.2	100.5
cal 7 mdq	7	✓	500.0	506.1	101.2
cal 8 mdq	8	✓	1000.0	981.2	98.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard Clonazepam-D4

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



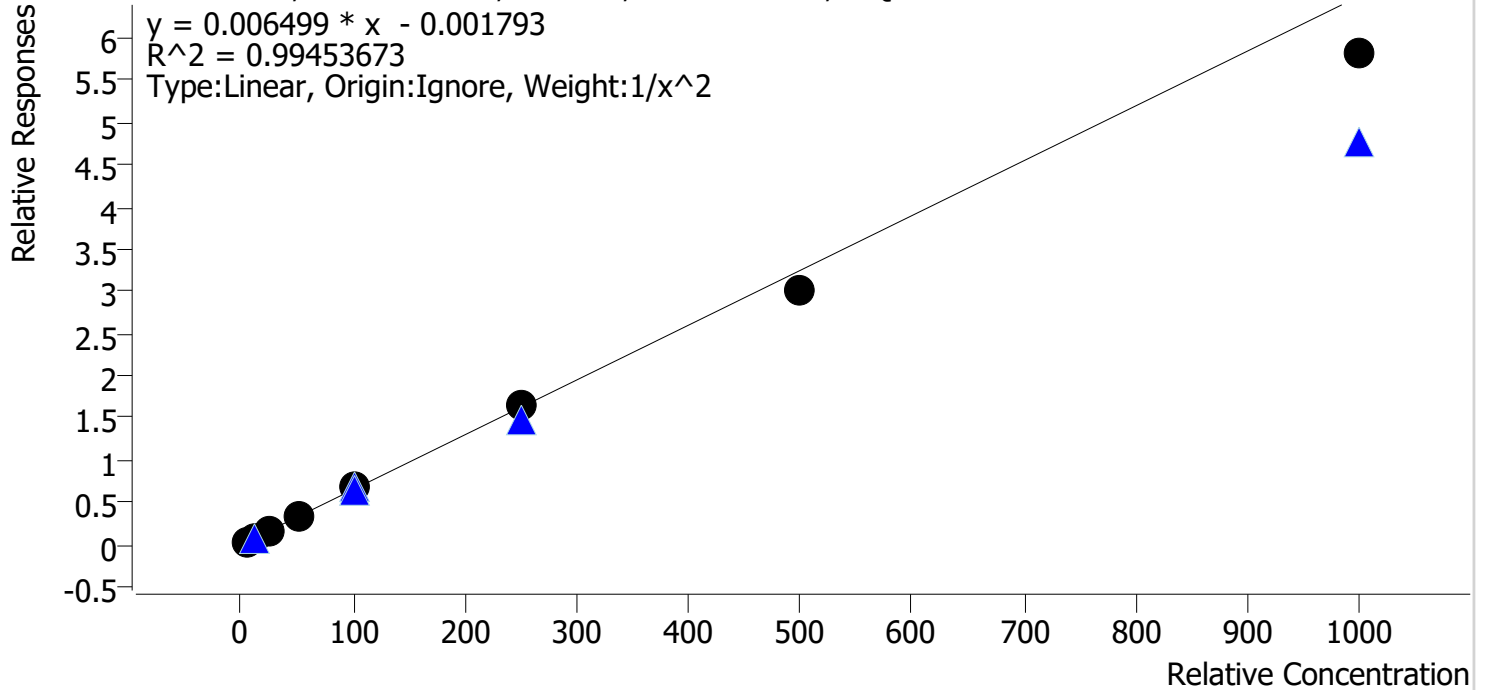
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	26.0	103.9
cal 4 mdq	4	✓	50.0	53.7	107.4
cal 5 mdq	5	✓	100.0	101.3	101.3
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	490.4	98.1
cal 8 mdq	8	✓	1000.0	921.8	92.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Clonazolam

Internal Standard Alprazolam-D5

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



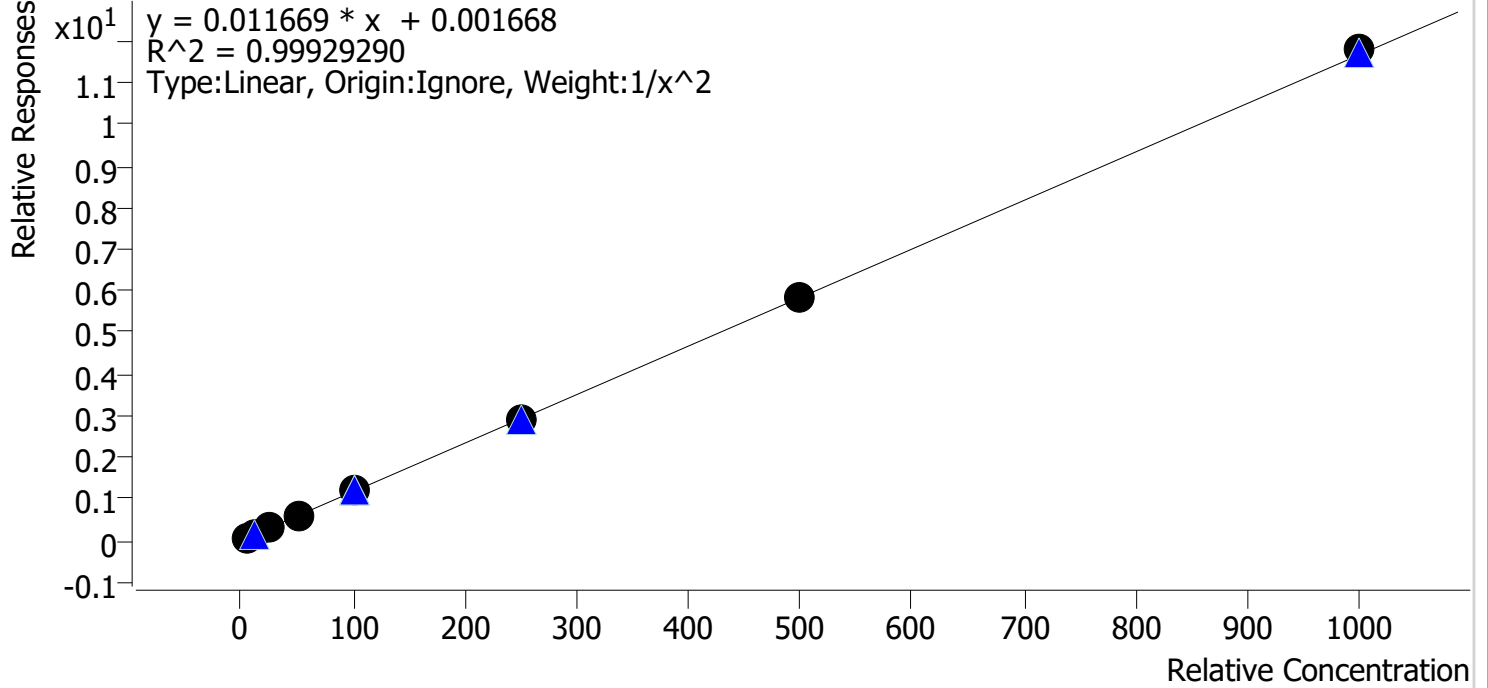
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.5
cal 2 mdq	2	✓	10.0	10.2	101.9
cal 3 mdq	3	✓	25.0	25.8	103.1
cal 4 mdq	4	✓	50.0	53.4	106.7
cal 5 mdq	5	✓	100.0	107.9	107.9
cal 6 mdq	6	✓	250.0	251.7	100.7
cal 7 mdq	7	✓	500.0	463.5	92.7
cal 8 mdq	8	✓	1000.0	895.5	89.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Cocaine

Internal Standard Cocaine-d3

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



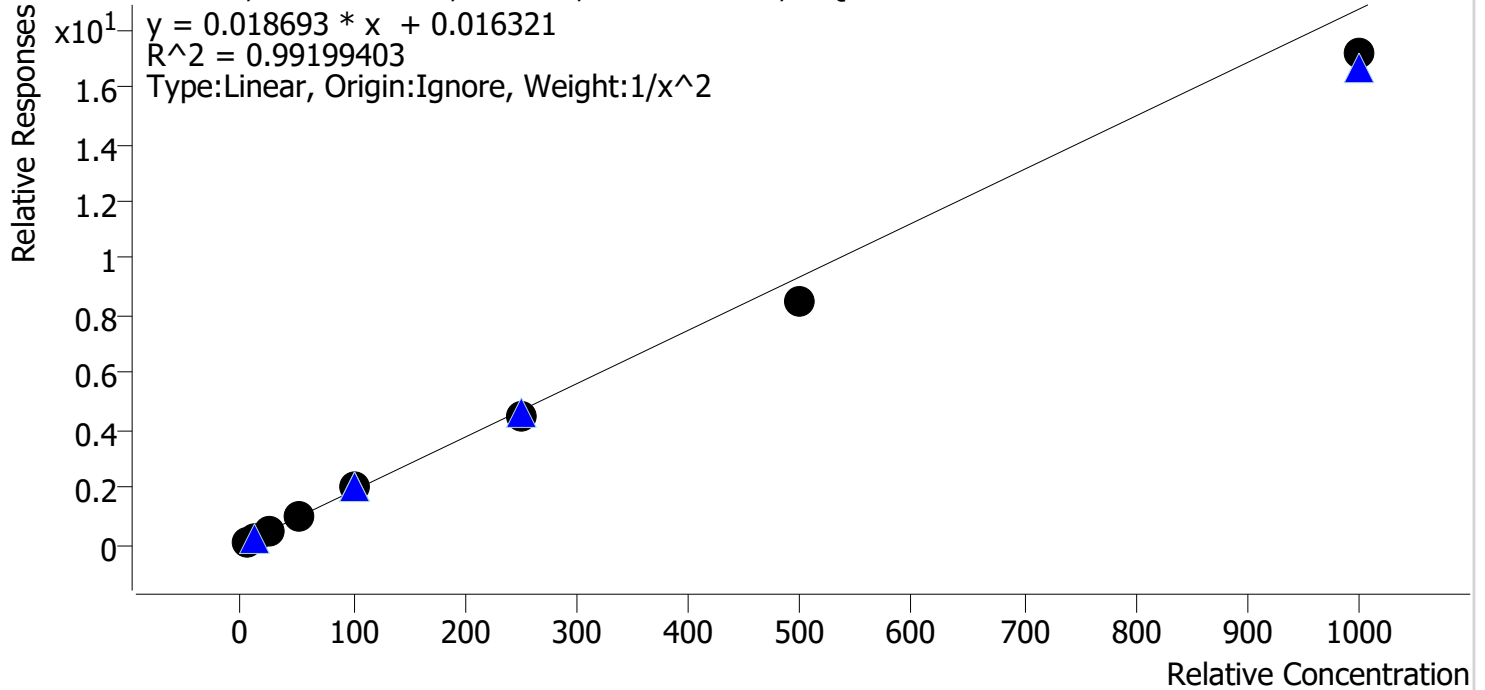
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	24.0	95.9
cal 4 mdq	4	✓	50.0	52.0	104.1
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	246.2	98.5
cal 7 mdq	7	✓	500.0	497.8	99.6
cal 8 mdq	8	✓	1000.0	1011.0	101.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Codeine

Internal Standard Codeine-D6

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

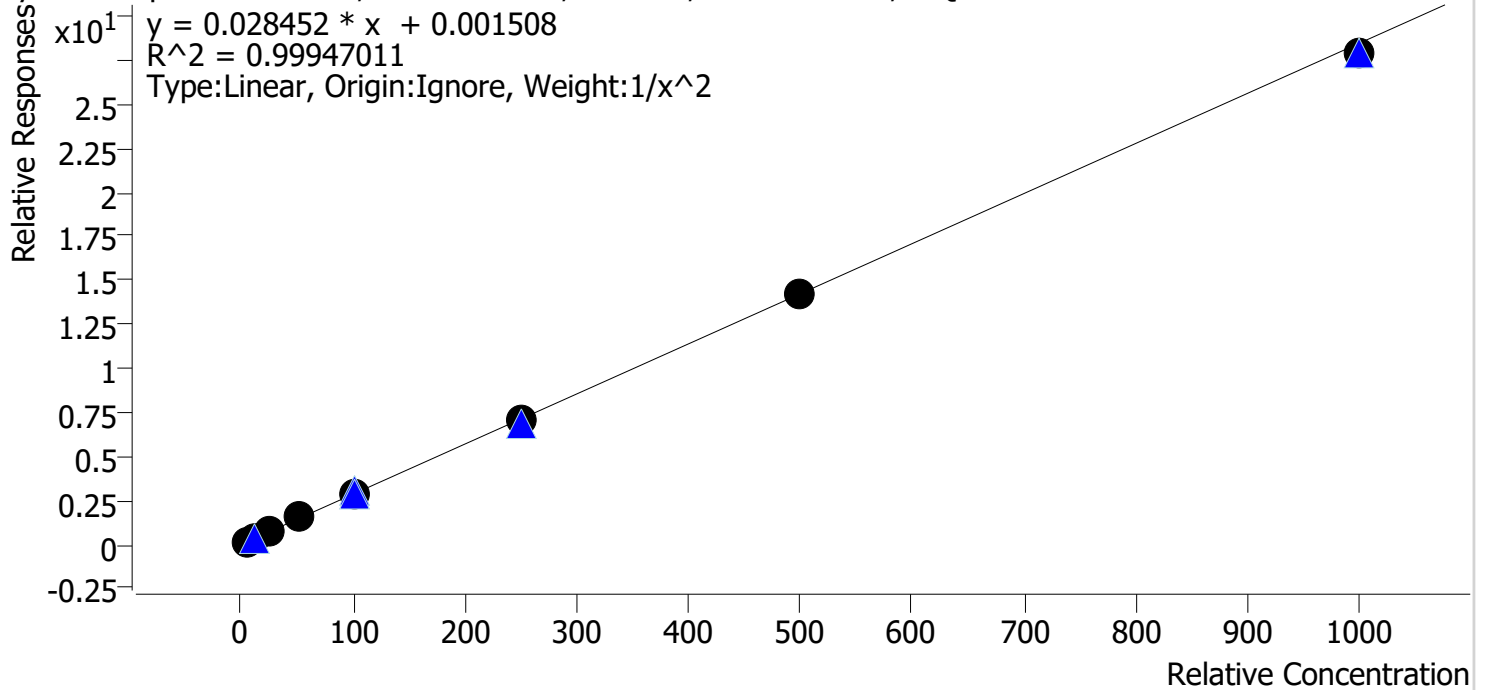


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.6
cal 2 mdq	2	✓	10.0	10.6	106.3
cal 3 mdq	3	✓	25.0	26.5	106.0
cal 4 mdq	4	✓	50.0	55.1	110.2
cal 5 mdq	5	✓	100.0	105.6	105.6
cal 6 mdq	6	✓	250.0	238.0	95.2
cal 7 mdq	7	✓	500.0	451.9	90.4
cal 8 mdq	8	✓	1000.0	916.8	91.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



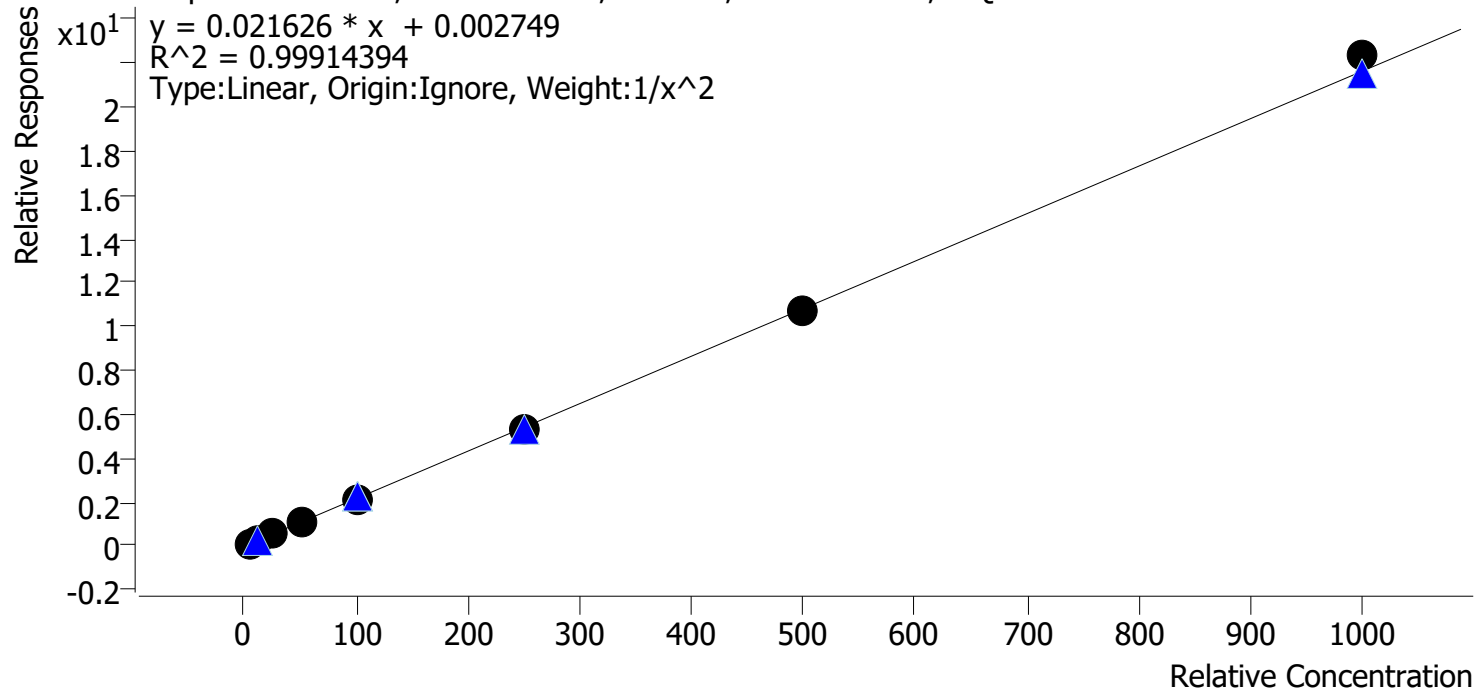
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	52.2	104.5
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	249.4	99.8
cal 7 mdq	7	✓	500.0	497.9	99.6
cal 8 mdq	8	✓	1000.0	979.5	97.9

Compound Calibration Report

Bylye

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

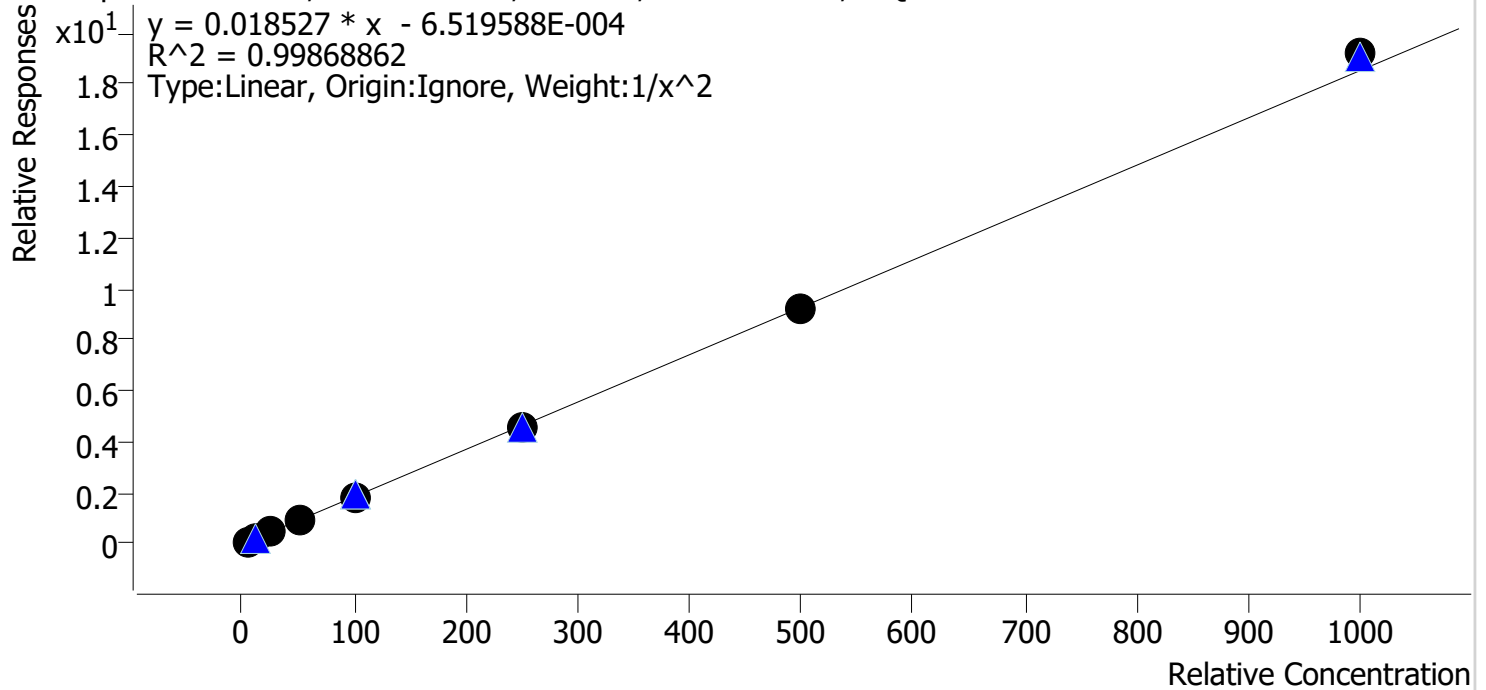


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	52.1	104.1
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	243.7	97.5
cal 7 mdq	7	✓	500.0	492.4	98.5
cal 8 mdq	8	✓	1000.0	1032.9	103.3

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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

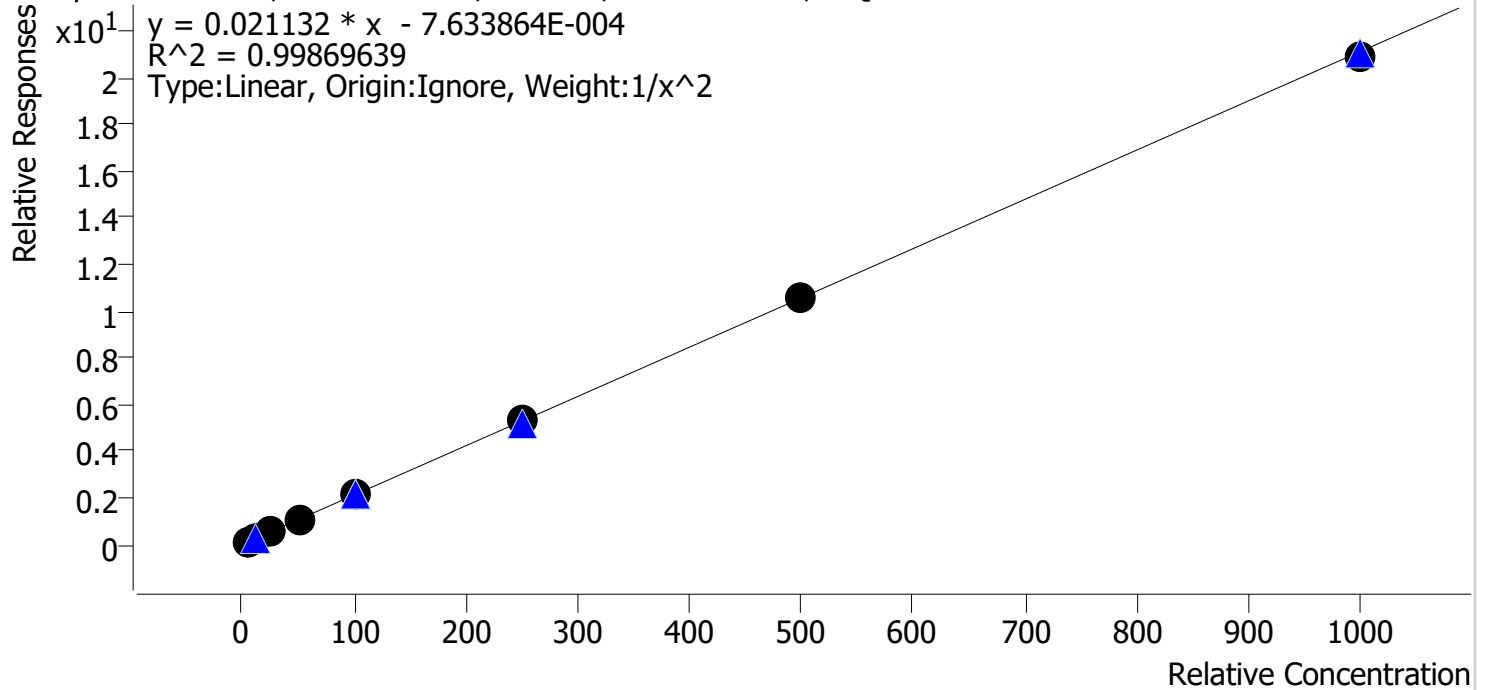


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.7	96.8
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	52.3	104.6
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	244.1	97.6
cal 7 mdq	7	✓	500.0	497.0	99.4
cal 8 mdq	8	✓	1000.0	1035.8	103.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** **Diazepam-D5**

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



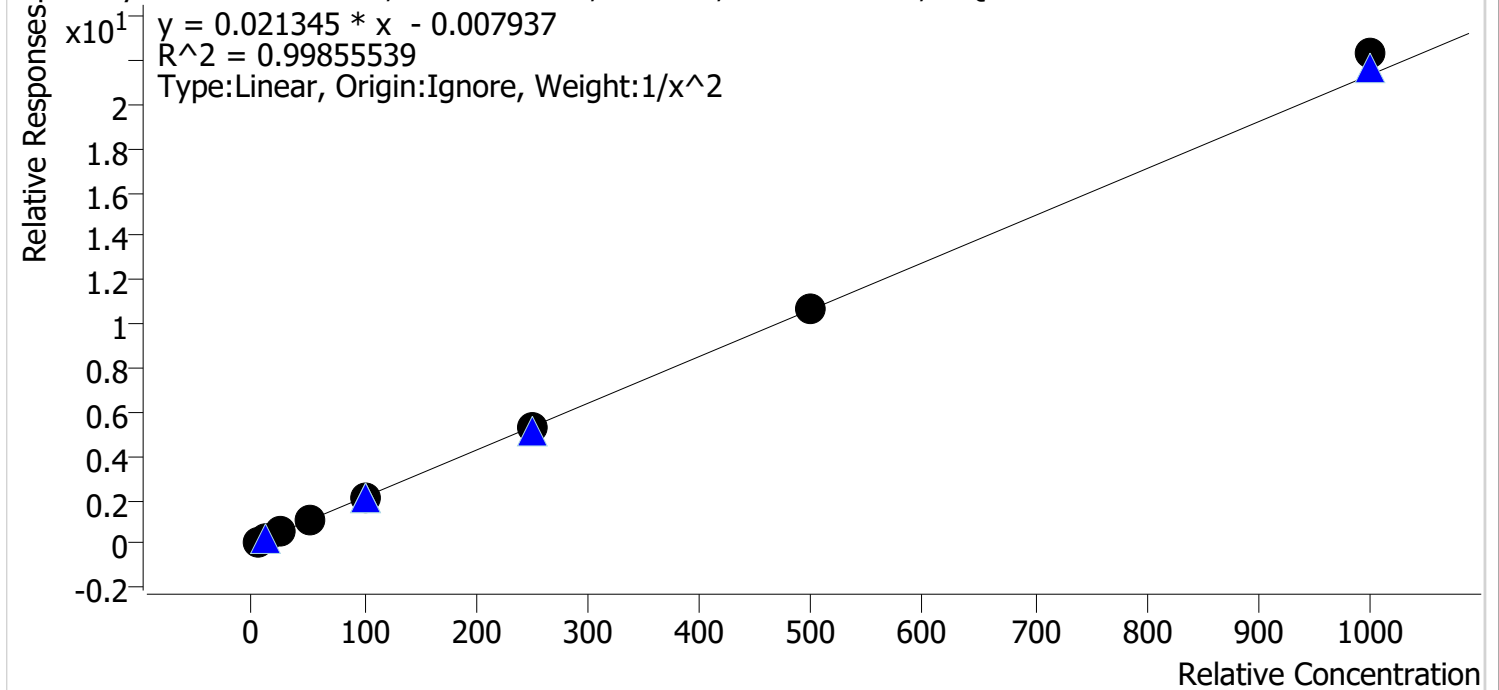
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.9
cal 2 mdq	2	✓	10.0	9.4	94.1
cal 3 mdq	3	✓	25.0	24.4	97.7
cal 4 mdq	4	✓	50.0	52.1	104.2
cal 5 mdq	5	✓	100.0	100.9	100.9
cal 6 mdq	6	✓	250.0	251.2	100.5
cal 7 mdq	7	✓	500.0	503.7	100.7
cal 8 mdq	8	✓	1000.0	989.5	98.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine

Internal Standard Diphenhydramine-D3

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

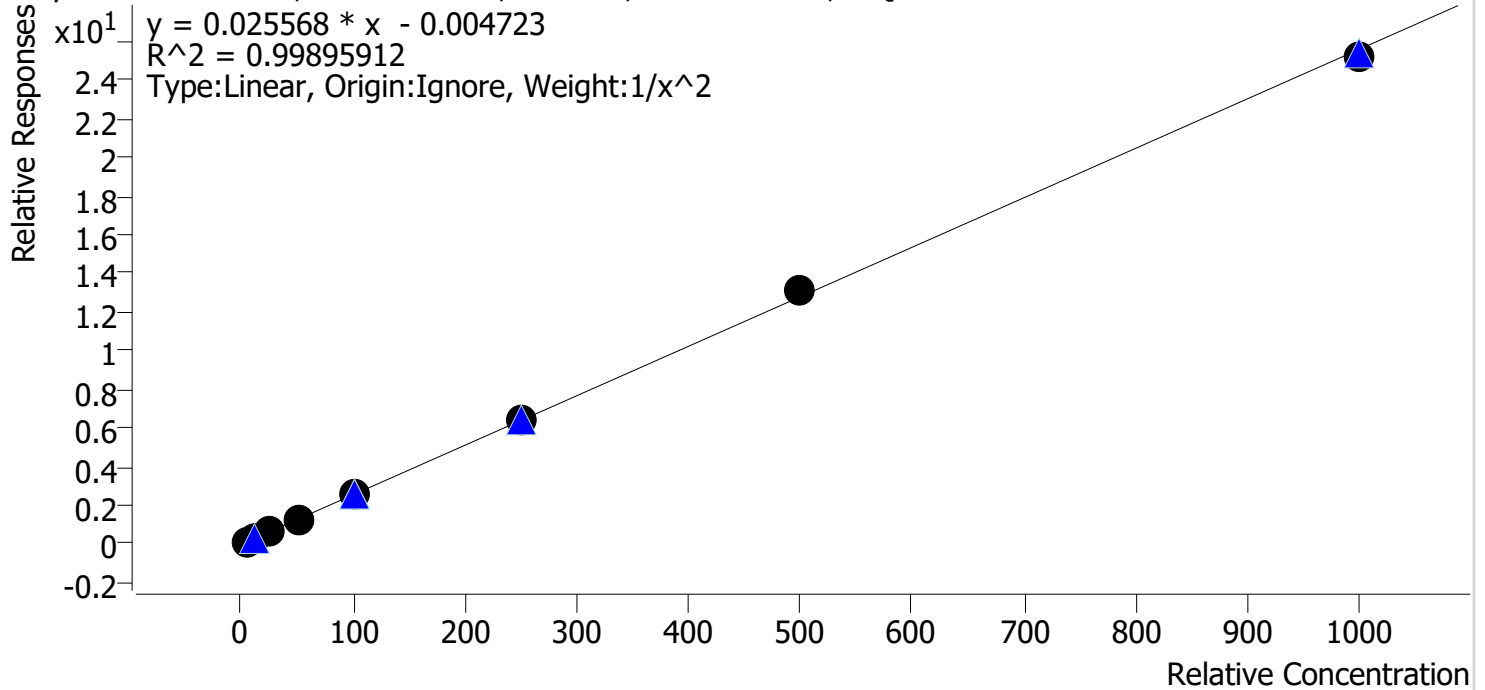


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.8
cal 2 mdq	2	✓	10.0	9.6	95.5
cal 3 mdq	3	✓	25.0	24.0	96.0
cal 4 mdq	4	✓	50.0	51.4	102.8
cal 5 mdq	5	✓	100.0	98.3	98.3
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	502.5	100.5
cal 8 mdq	8	✓	1000.0	1045.3	104.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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

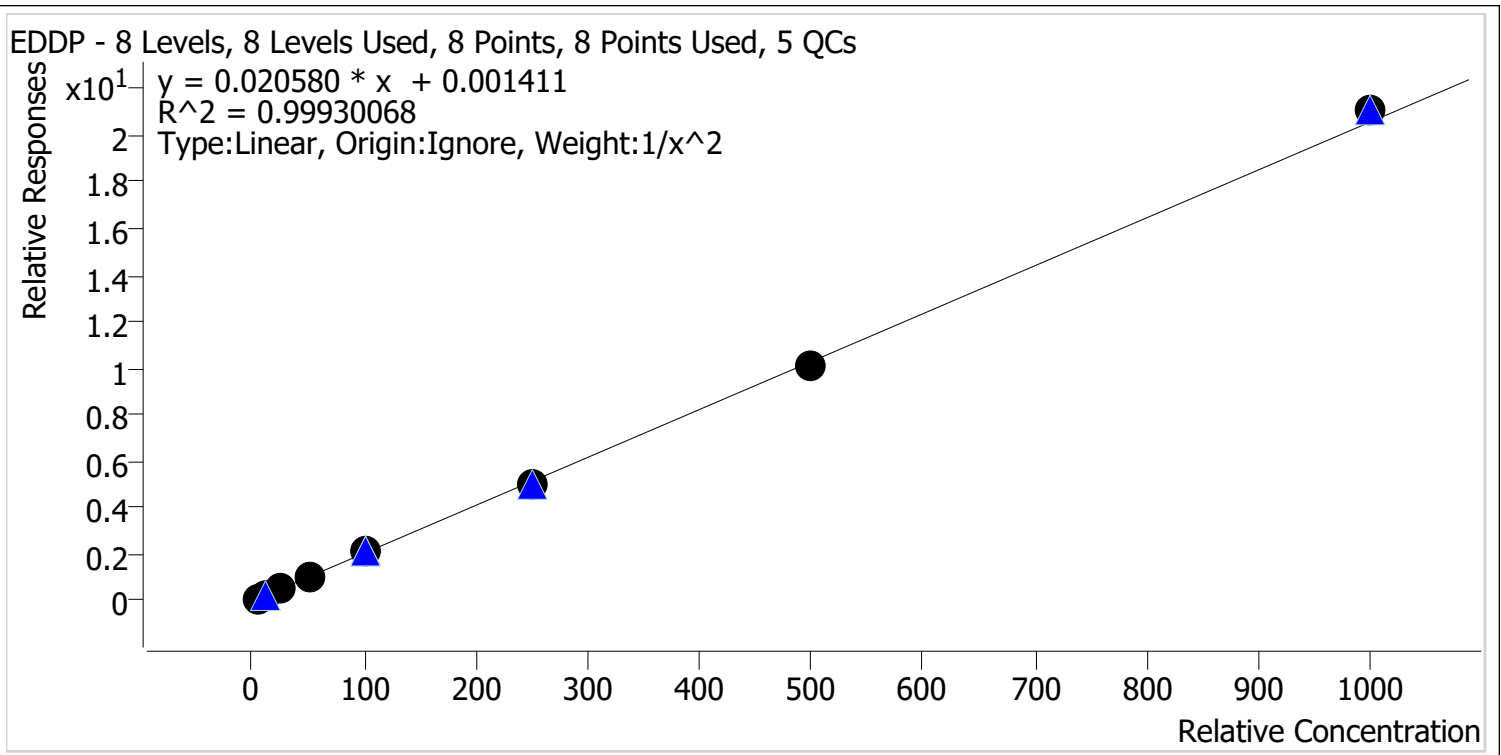


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	23.7	94.9
cal 4 mdq	4	✓	50.0	51.8	103.6
cal 5 mdq	5	✓	100.0	100.6	100.6
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	516.3	103.3
cal 8 mdq	8	✓	1000.0	985.0	98.5

Compound Calibration Report

B. Wylee

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
 Last Cal. Update 4/29/2021 8:41 PM
 Analyst Name ISP\datastor
 Analyte EDDP Internal Standard EDDP-D3



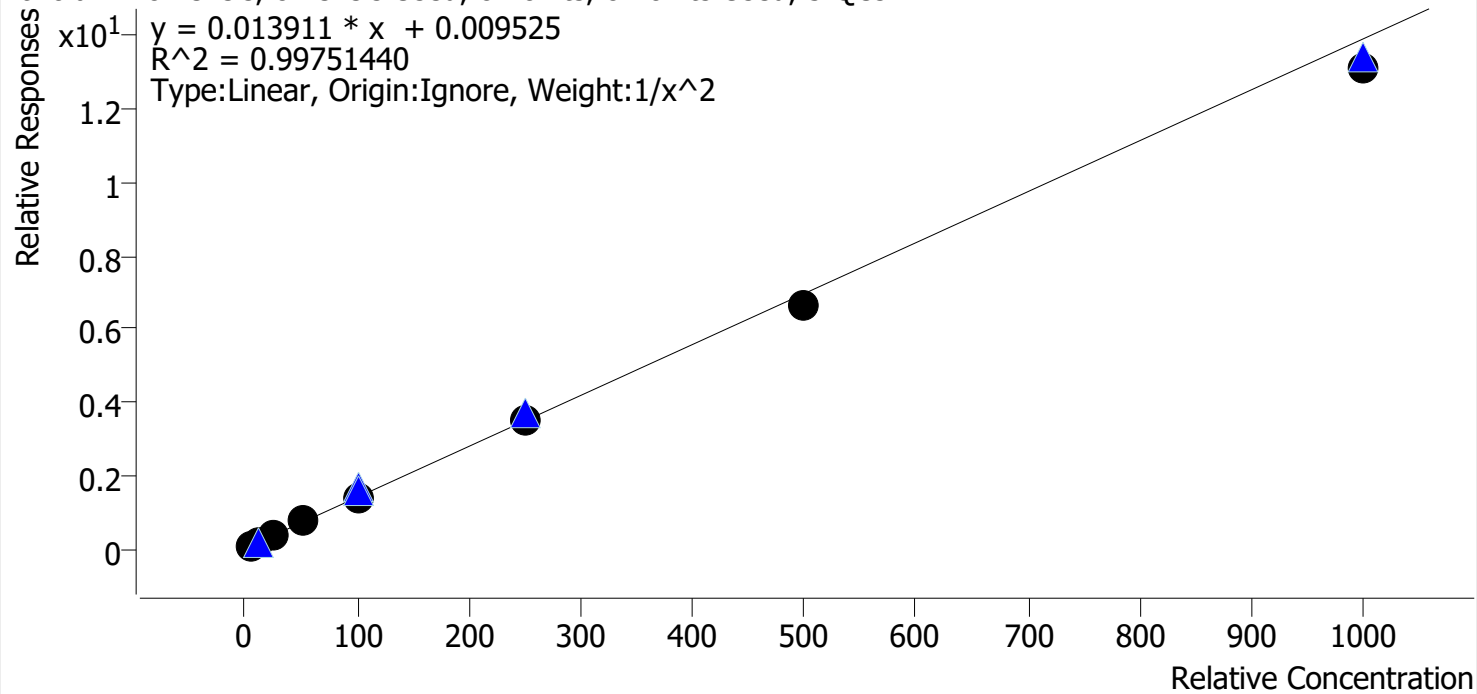
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	51.8	103.7
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	242.9	97.2
cal 7 mdq	7	✓	500.0	493.4	98.7
cal 8 mdq	8	✓	1000.0	1021.4	102.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Etizolam

Internal Standard Diazepam-D5

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

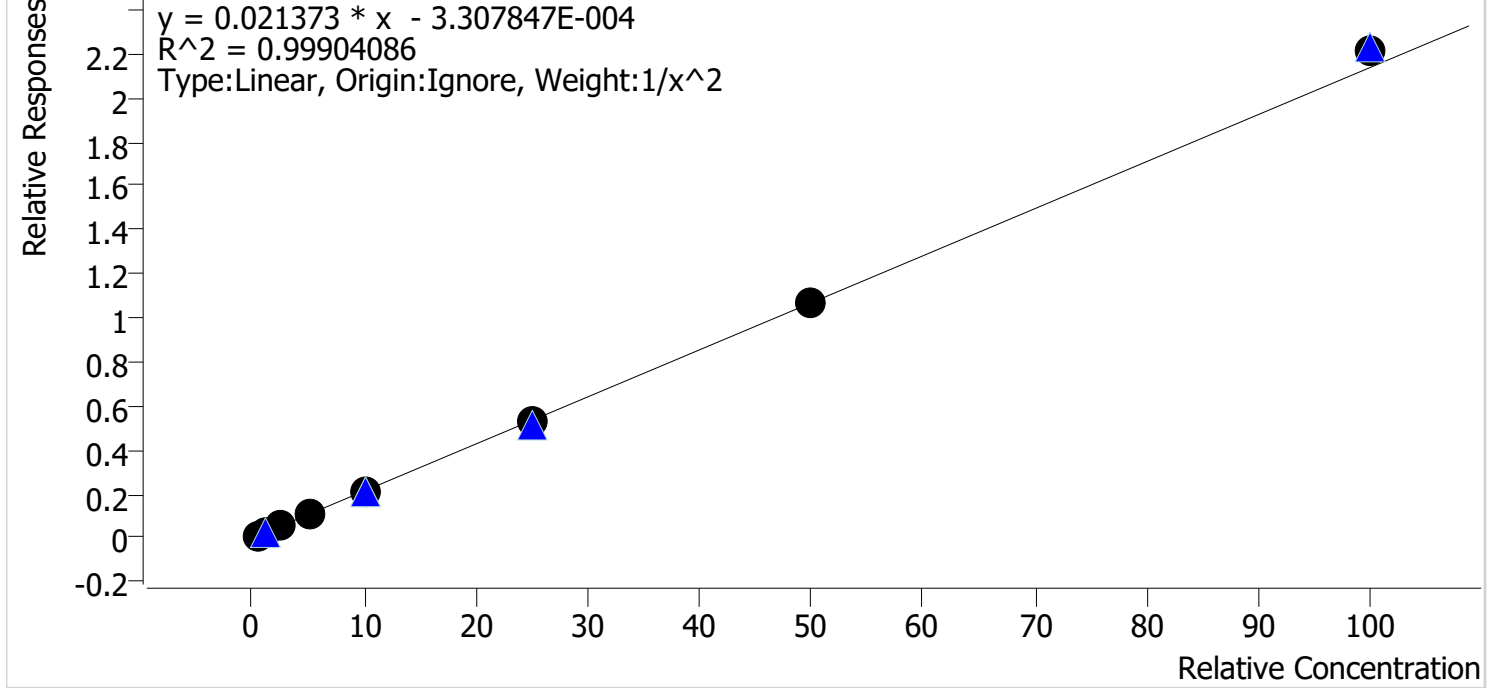


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	9.9	99.5
cal 3 mdq	3	✓	25.0	26.5	105.9
cal 4 mdq	4	✓	50.0	53.1	106.1
cal 5 mdq	5	✓	100.0	100.7	100.7
cal 6 mdq	6	✓	250.0	249.6	99.8
cal 7 mdq	7	✓	500.0	475.2	95.0
cal 8 mdq	8	✓	1000.0	943.9	94.4

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin		
Last Cal. Update	4/29/2021 8:41 PM		
Analyst Name	ISP\datastor		
Analyte	Fentanyl	Internal Standard	Fentanyl-D5

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

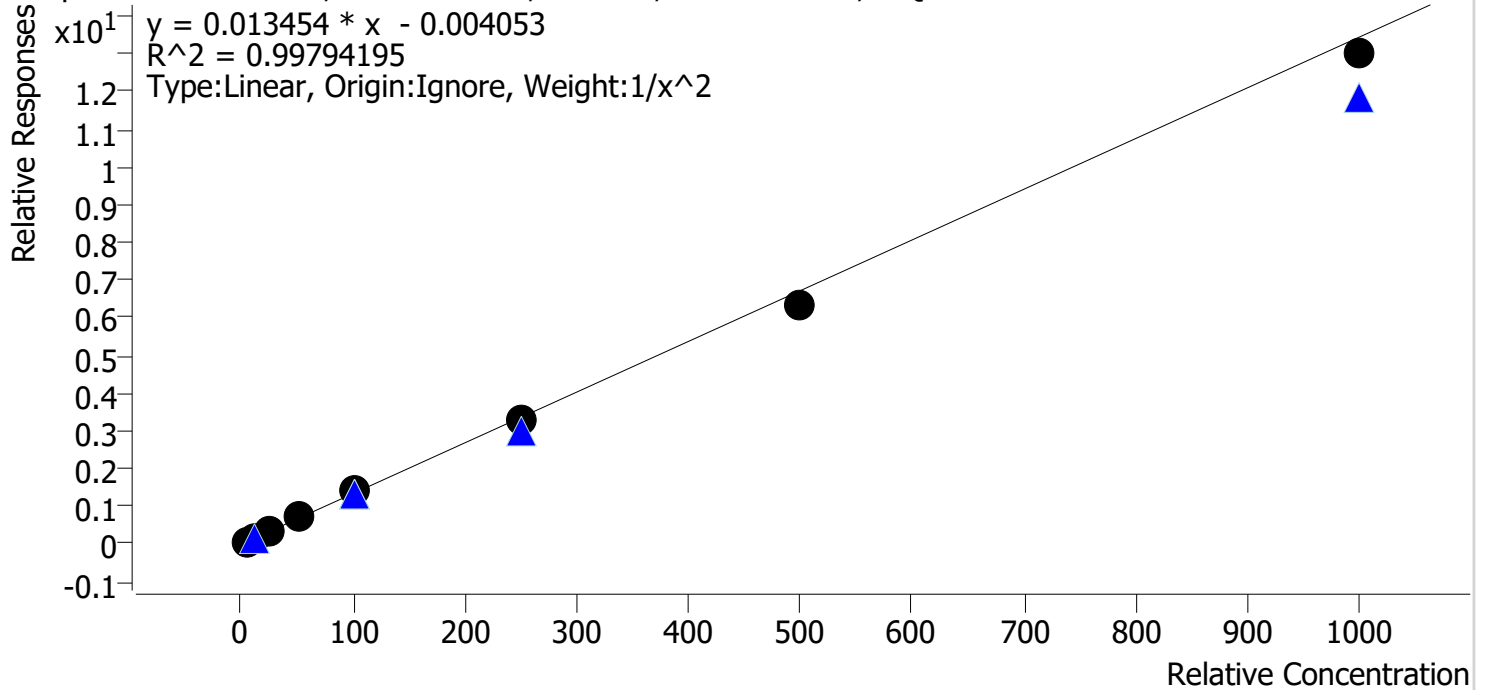


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	100.7
cal 2 mdq	2	✓	1.0	1.0	99.9
cal 3 mdq	3	✓	2.5	2.4	95.3
cal 4 mdq	4	✓	5.0	5.2	103.5
cal 5 mdq	5	✓	10.0	10.0	99.6
cal 6 mdq	6	✓	25.0	24.5	98.0
cal 7 mdq	7	✓	50.0	49.9	99.7
cal 8 mdq	8	✓	100.0	103.4	103.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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

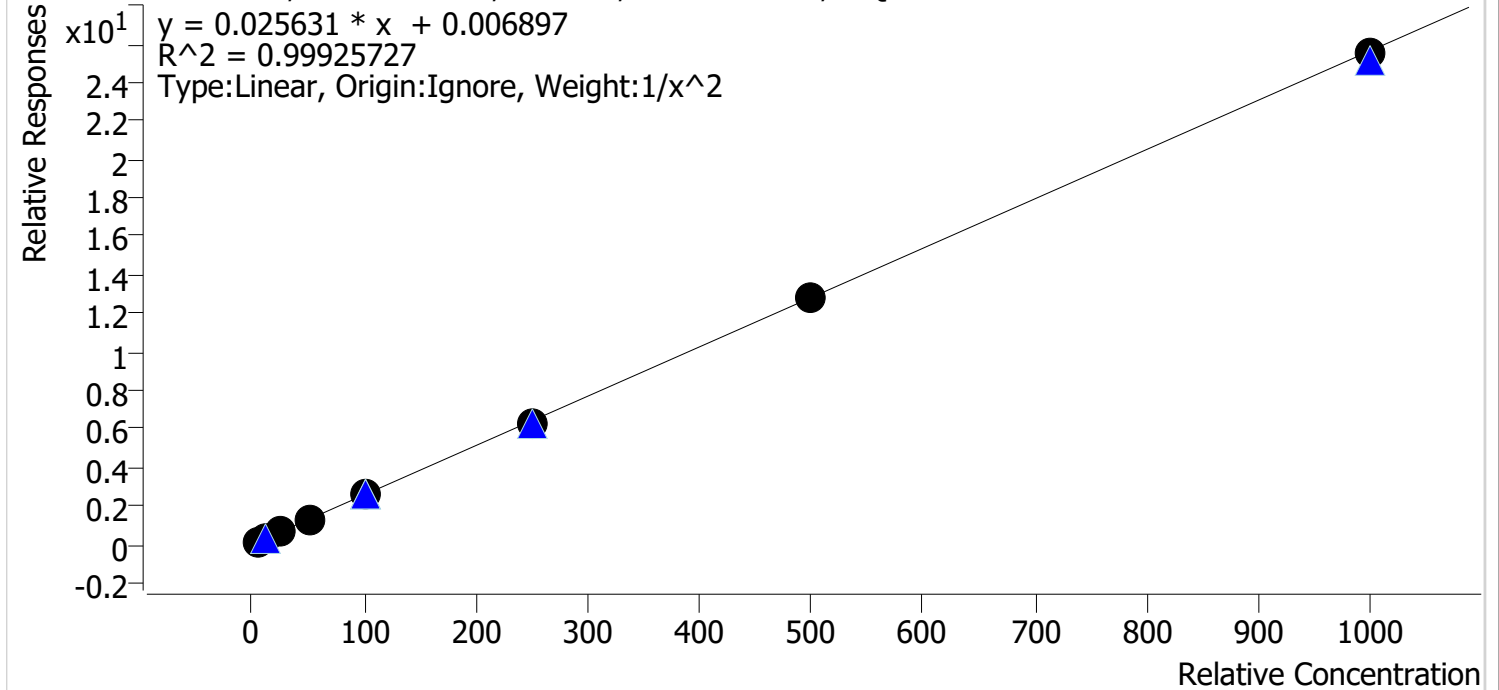


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.3
cal 2 mdq	2	✓	10.0	10.2	102.0
cal 3 mdq	3	✓	25.0	25.0	100.2
cal 4 mdq	4	✓	50.0	52.2	104.5
cal 5 mdq	5	✓	100.0	105.8	105.8
cal 6 mdq	6	✓	250.0	246.0	98.4
cal 7 mdq	7	✓	500.0	470.3	94.1
cal 8 mdq	8	✓	1000.0	967.5	96.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



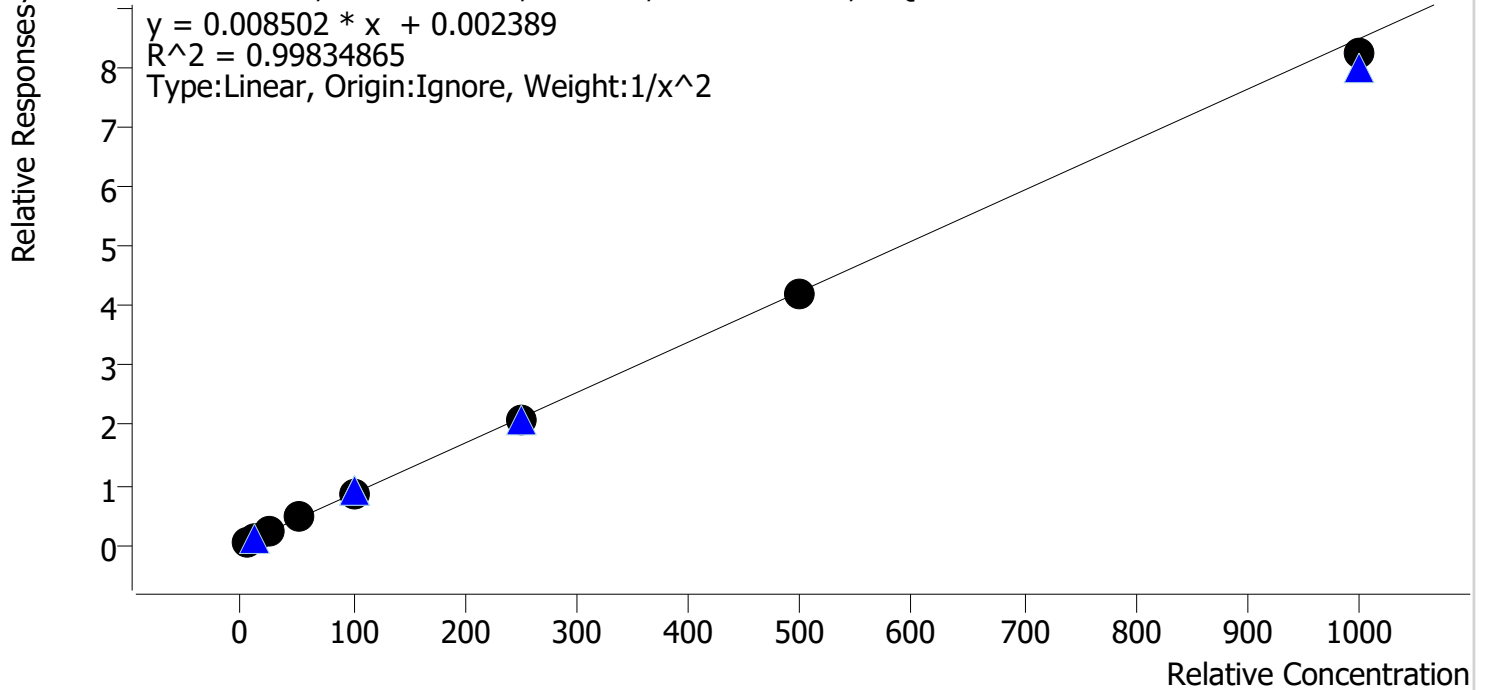
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	23.9	95.7
cal 4 mdq	4	✓	50.0	51.8	103.6
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	246.0	98.4
cal 7 mdq	7	✓	500.0	502.6	100.5
cal 8 mdq	8	✓	1000.0	994.4	99.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Hydrocodone

Internal Standard Hydrocodone-D6

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

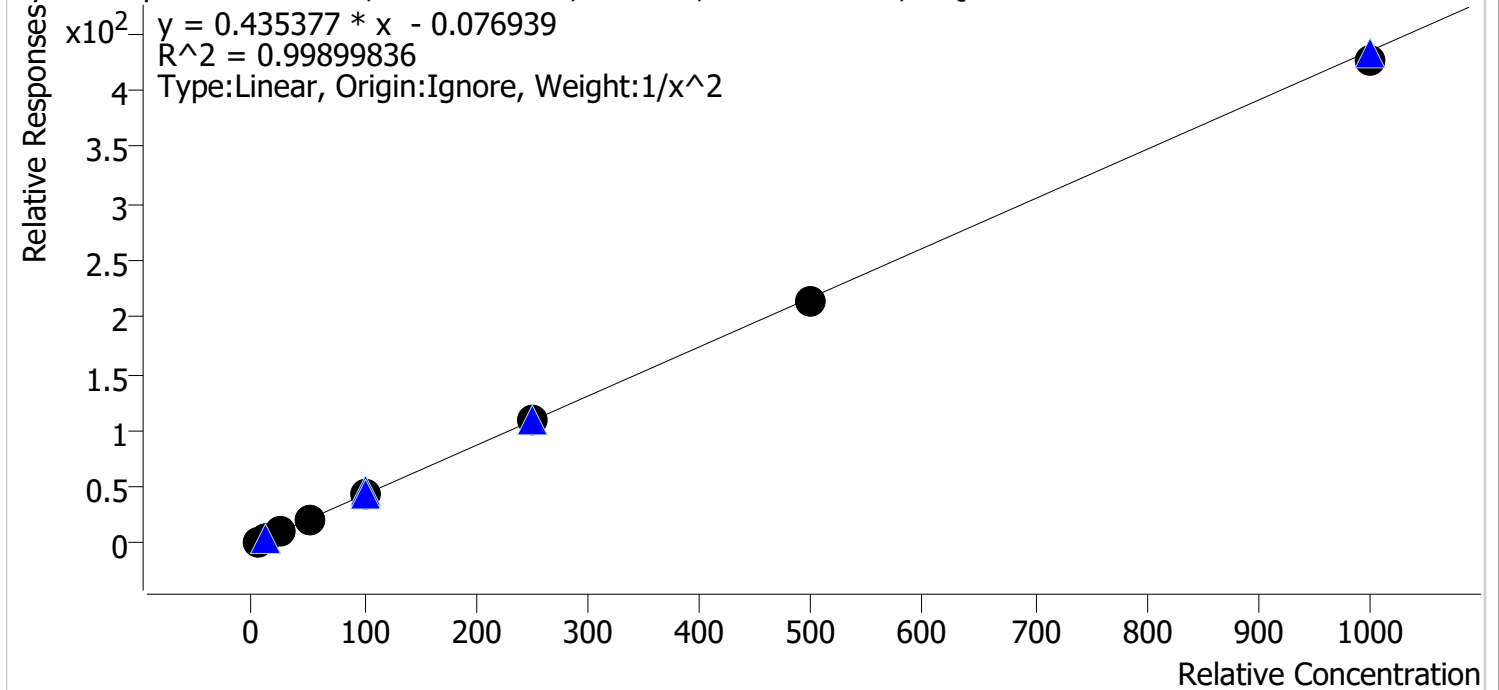


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.1
cal 2 mdq	2	✓	10.0	10.3	103.3
cal 3 mdq	3	✓	25.0	24.5	97.9
cal 4 mdq	4	✓	50.0	53.7	107.4
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	495.0	99.0
cal 8 mdq	8	✓	1000.0	970.6	97.1

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Morphine-D6

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

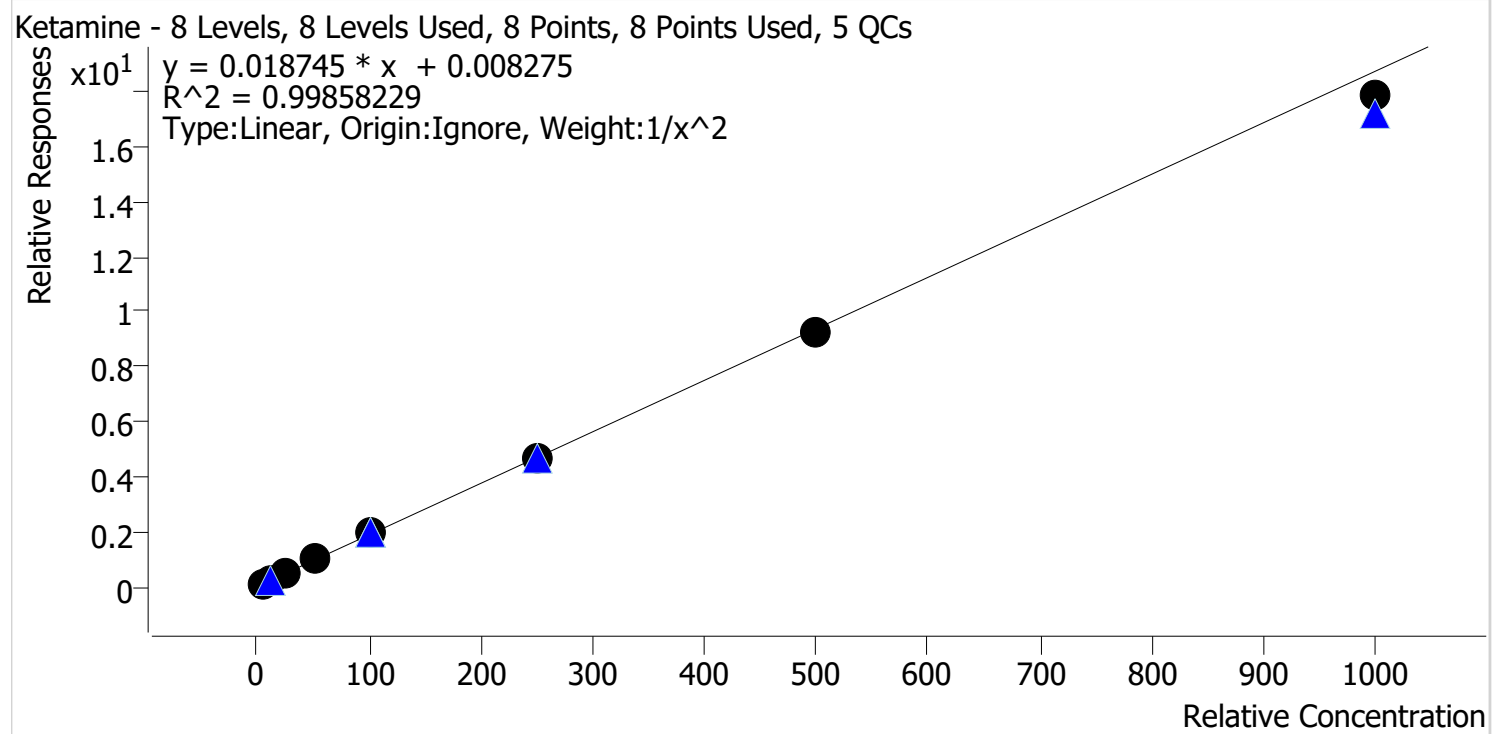


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.3
cal 2 mdq	2	✓	10.0	10.6	105.5
cal 3 mdq	3	✓	25.0	24.7	98.6
cal 4 mdq	4	✓	50.0	50.9	101.7
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	249.1	99.6
cal 7 mdq	7	✓	500.0	489.7	97.9
cal 8 mdq	8	✓	1000.0	979.6	98.0

Compound Calibration Report

B. Wylee

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



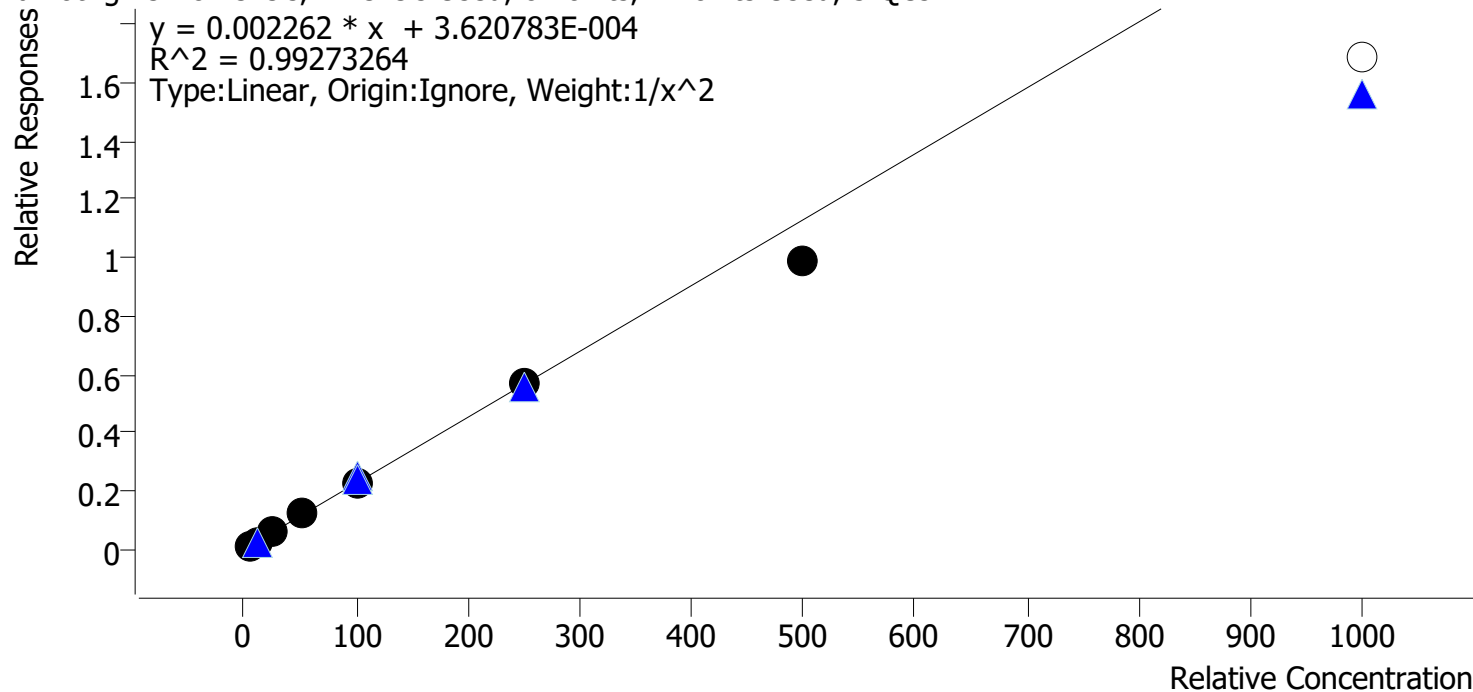
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.0
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.8	99.4
cal 4 mdq	4	✓	50.0	53.3	106.6
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	490.5	98.1
cal 8 mdq	8	✓	1000.0	952.8	95.3

Compound Calibration Report

Byylee

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

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



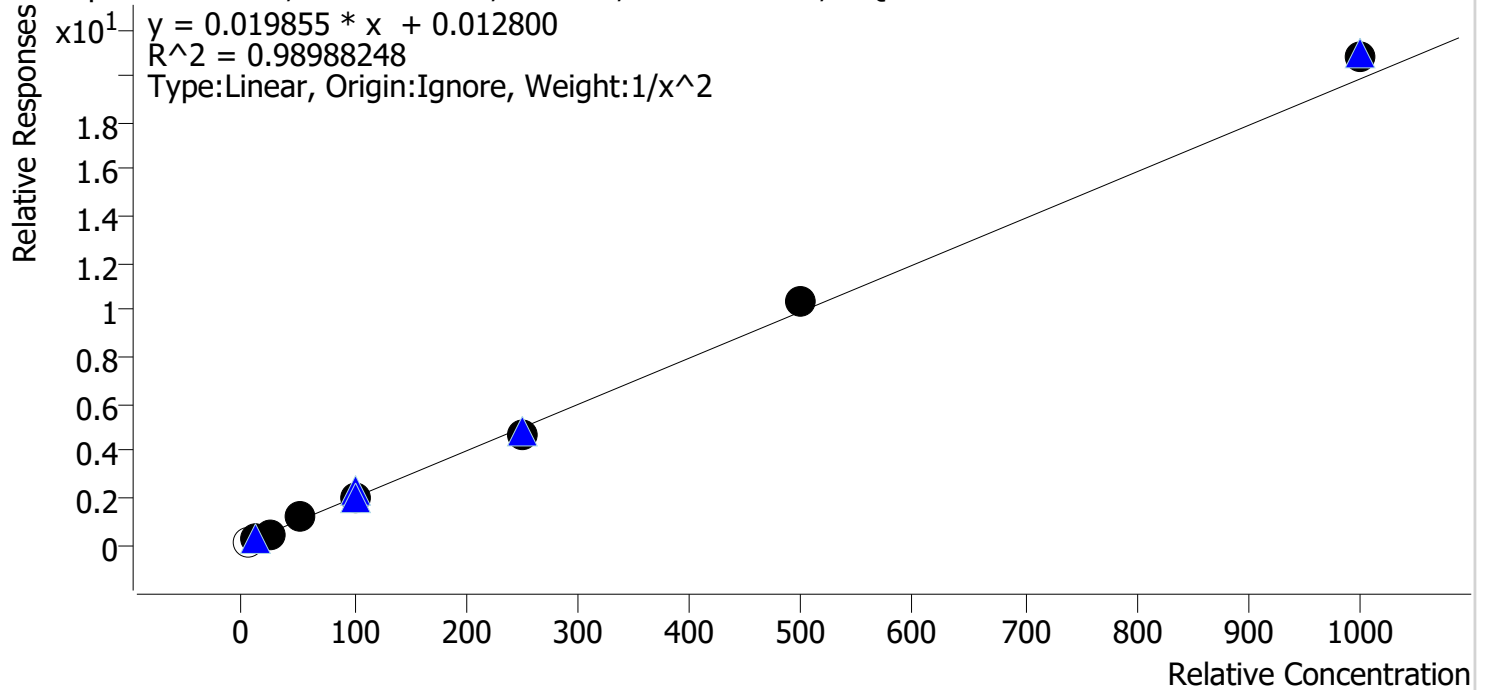
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	56.0	112.1
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	437.1	87.4
cal 8 mdq	8	x	1000.0	746.1	74.6

cal 8 did not meet accuracy criteria

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



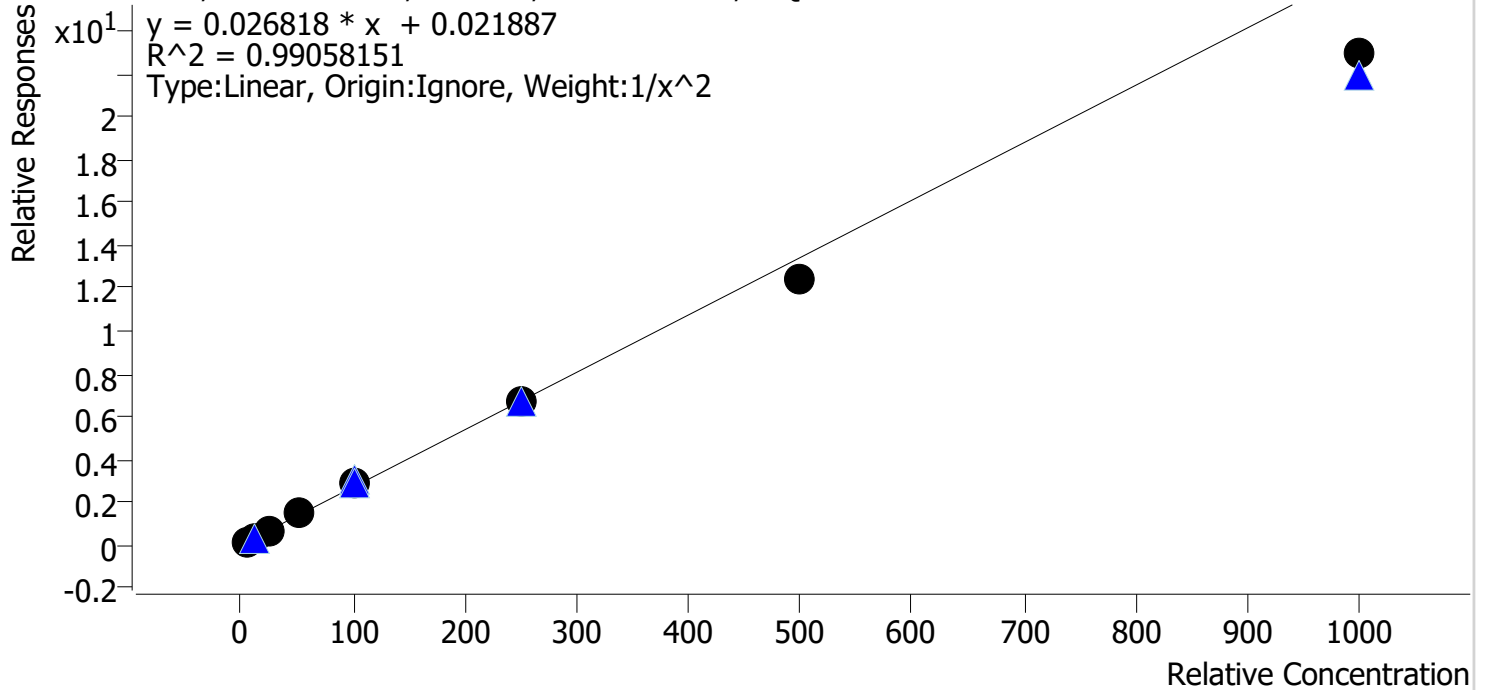
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	10.4	103.9
cal 3 mdq	3	✓	25.0	21.4	85.7
cal 4 mdq	4	✓	50.0	55.9	111.7
cal 5 mdq	5	✓	100.0	96.5	96.5
cal 6 mdq	6	✓	250.0	233.4	93.4
cal 7 mdq	7	✓	500.0	522.3	104.5
cal 8 mdq	8	✓	1000.0	1043.9	104.4

cal 1 poor peak shape and response

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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

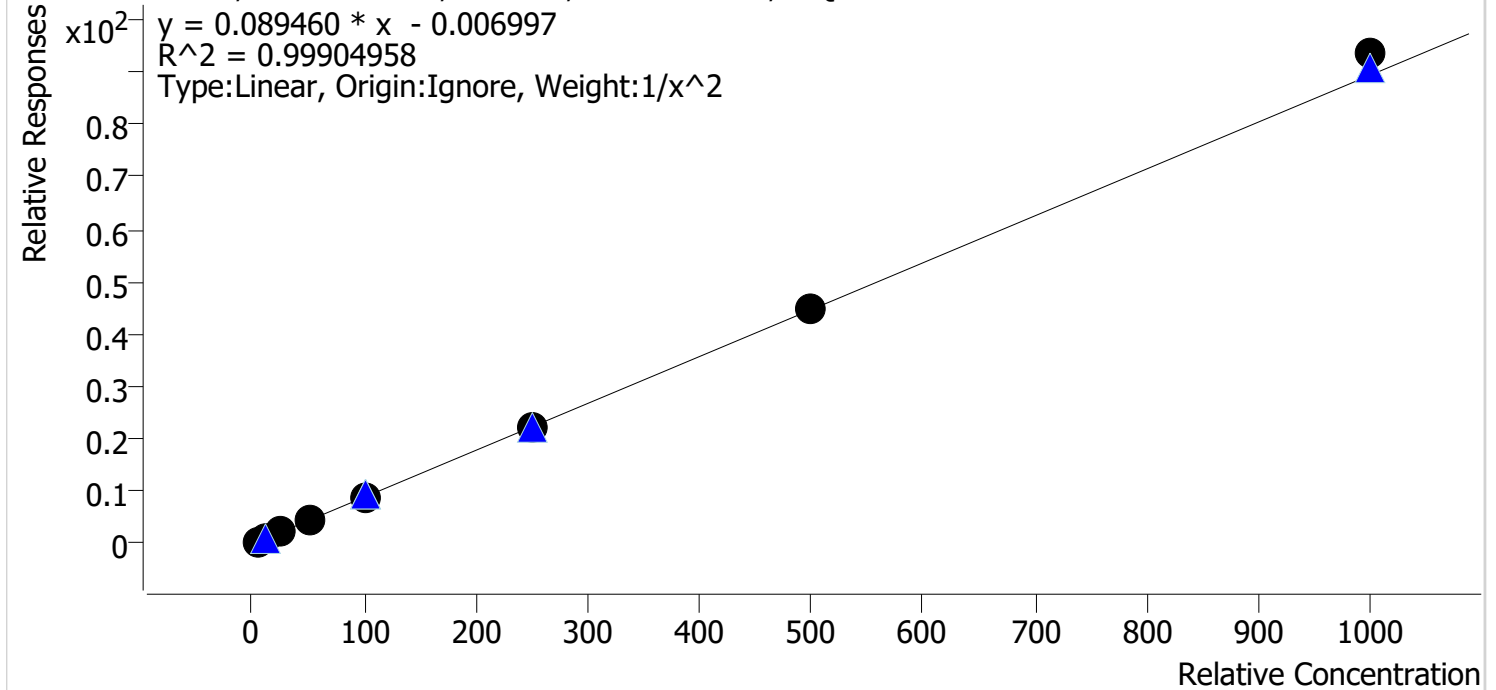


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.6
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	26.1	104.5
cal 4 mdq	4	✓	50.0	56.2	112.4
cal 5 mdq	5	✓	100.0	106.4	106.4
cal 6 mdq	6	✓	250.0	250.1	100.0
cal 7 mdq	7	✓	500.0	461.4	92.3
cal 8 mdq	8	✓	1000.0	855.3	85.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



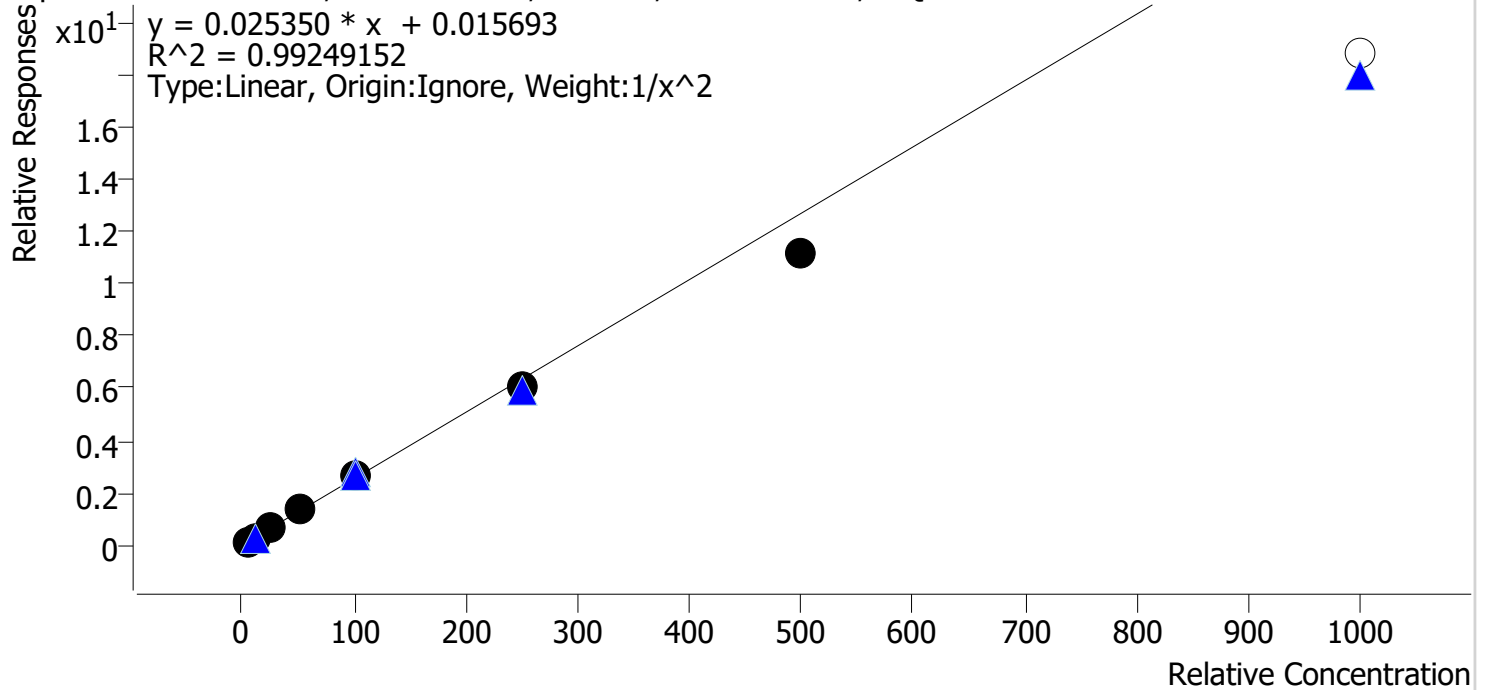
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	51.5	103.1
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	245.0	98.0
cal 7 mdq	7	✓	500.0	498.1	99.6
cal 8 mdq	8	✓	1000.0	1046.1	104.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Meprobamate

Internal Standard Meprobamate-D7

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



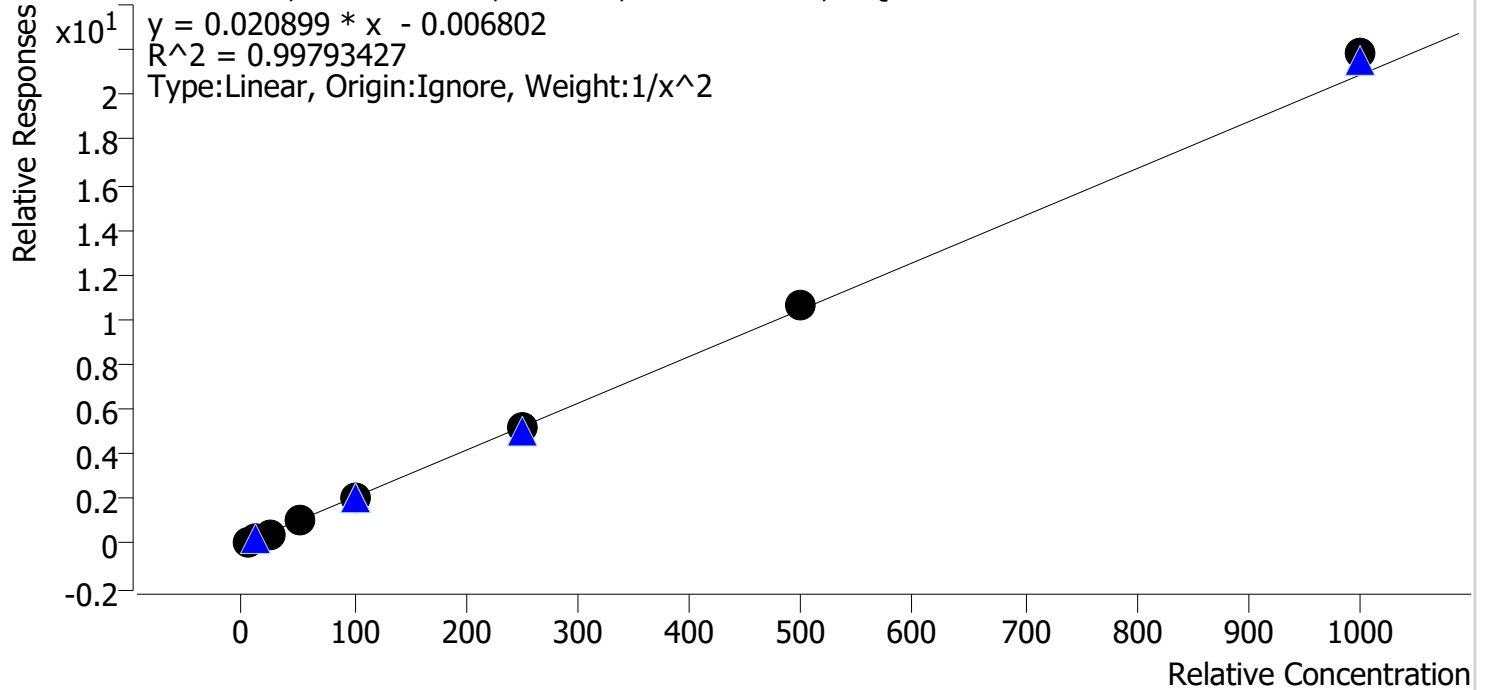
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.5
cal 2 mdq	2	✓	10.0	10.6	106.2
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	54.8	109.7
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	240.1	96.0
cal 7 mdq	7	✓	500.0	439.7	87.9
cal 8 mdq	8	✗	1000.0	740.6	74.1

cal 8 did not meet accuracy criteria

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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

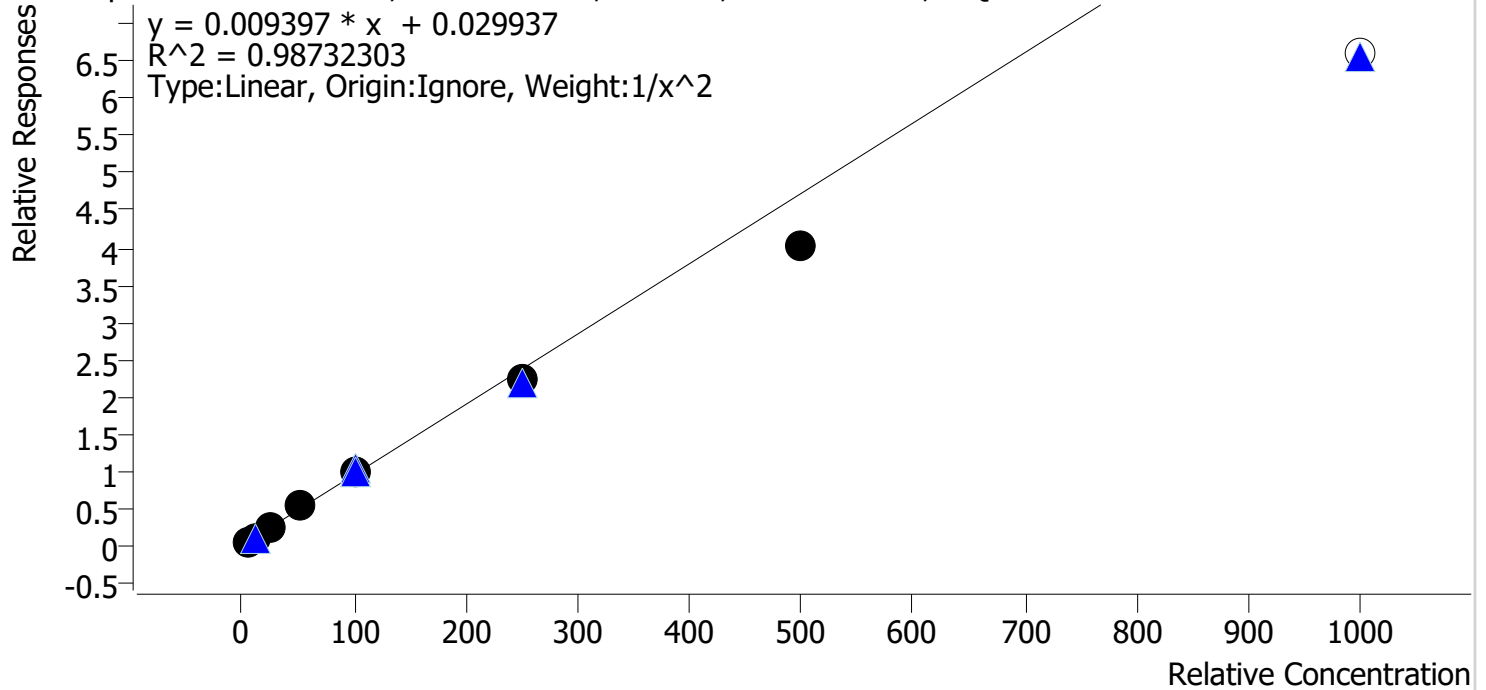


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.8	98.0
cal 3 mdq	3	✓	25.0	23.2	92.9
cal 4 mdq	4	✓	50.0	52.0	104.0
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	246.1	98.4
cal 7 mdq	7	✓	500.0	511.7	102.3
cal 8 mdq	8	✓	1000.0	1045.4	104.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** **Methamphetamine-D11**

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	93.7
cal 2 mdq	2	✓	10.0	10.9	108.6
cal 3 mdq	3	✓	25.0	26.2	104.7
cal 4 mdq	4	✓	50.0	55.6	111.1
cal 5 mdq	5	✓	100.0	103.6	103.6
cal 6 mdq	6	✓	250.0	233.9	93.6
cal 7 mdq	7	✓	500.0	423.2	84.6
cal 8 mdq	8	✗	1000.0	698.6	69.9

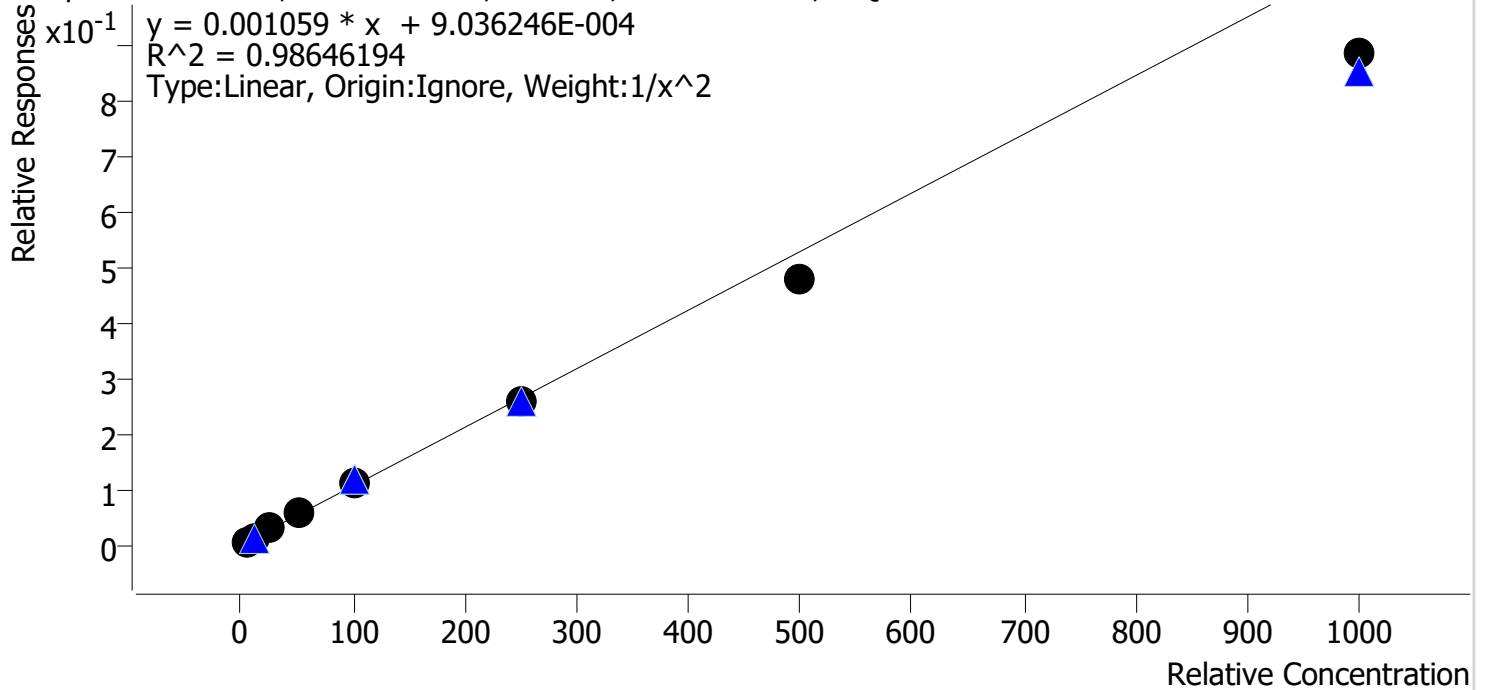
cal 8 did not meet accuracy criteria

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Metoprolol

Internal Standard Pseudoephedrine-D3

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

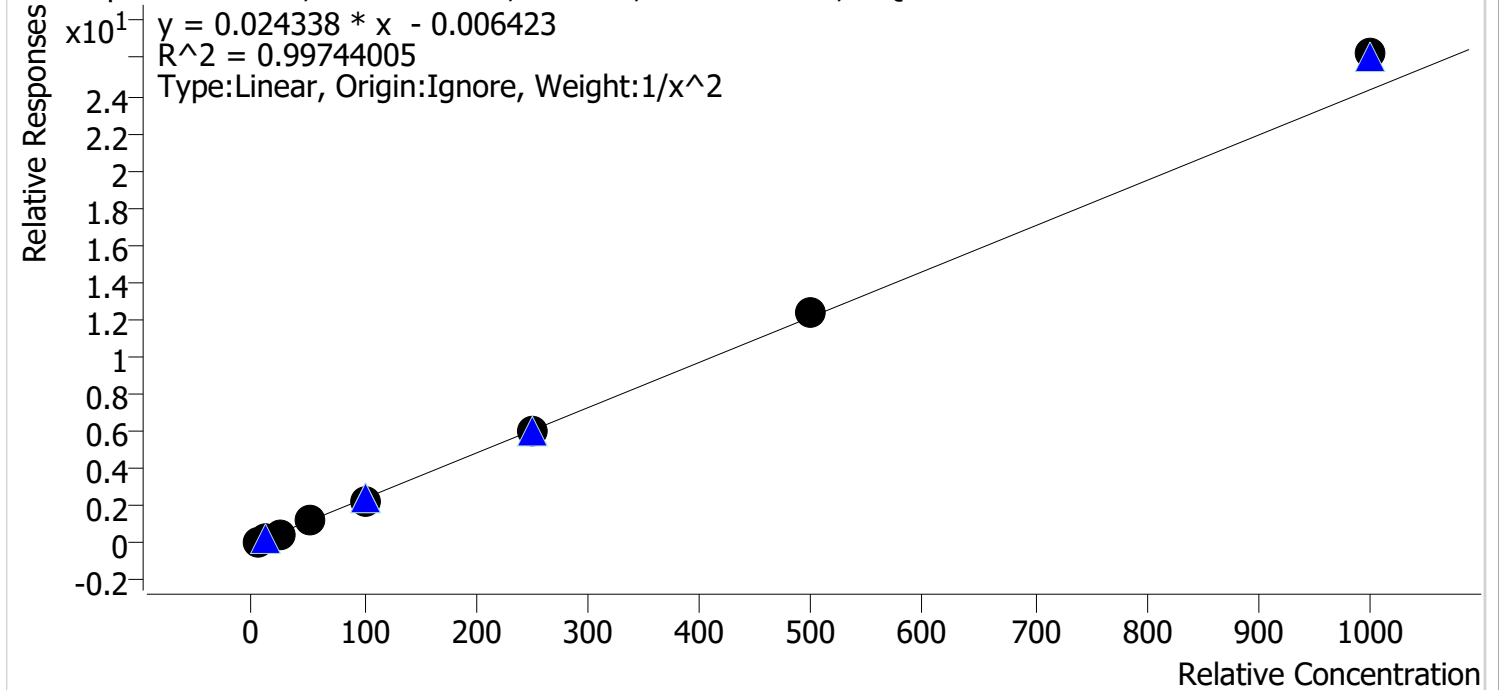


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.1	100.7
cal 3 mdq	3	✓	25.0	27.1	108.4
cal 4 mdq	4	✓	50.0	57.3	114.5
cal 5 mdq	5	✓	100.0	107.8	107.8
cal 6 mdq	6	✓	250.0	246.1	98.5
cal 7 mdq	7	✓	500.0	450.0	90.0
cal 8 mdq	8	✓	1000.0	837.6	83.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



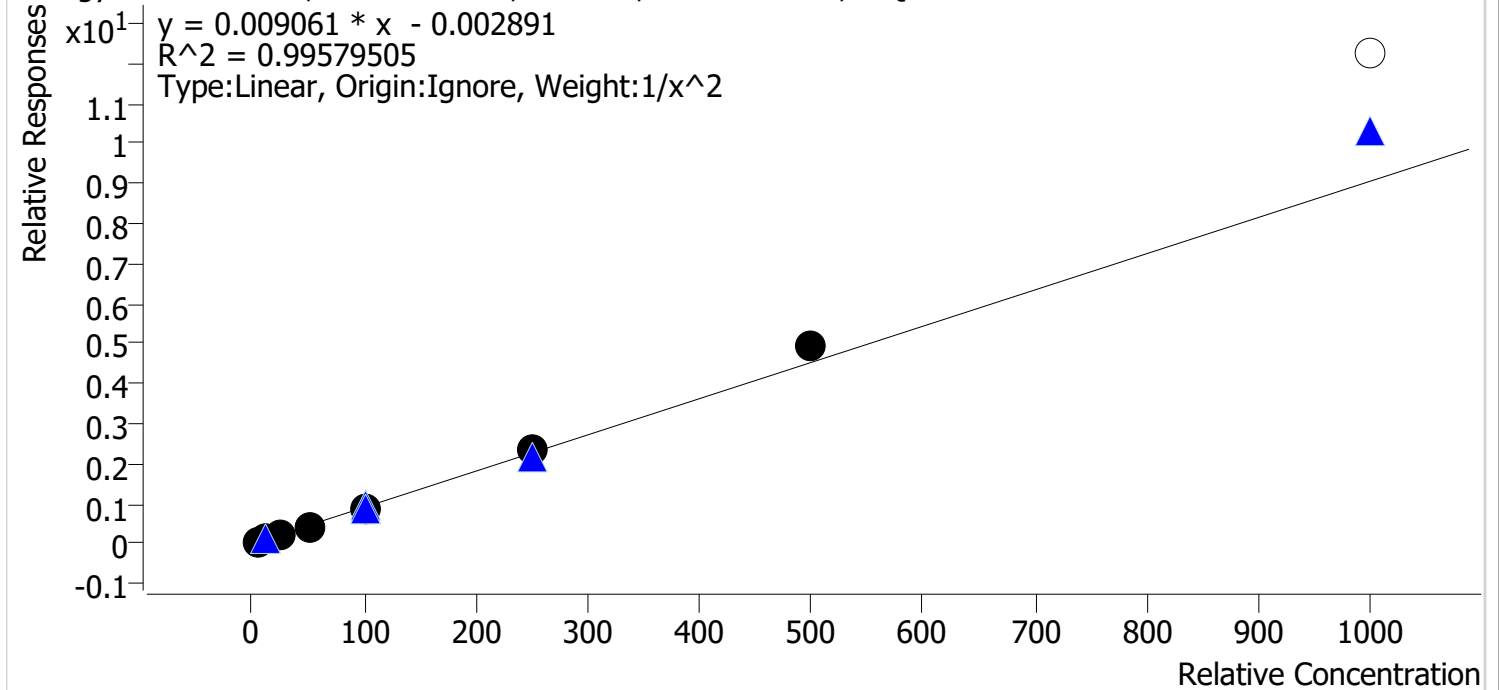
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	23.3	93.3
cal 4 mdq	4	✓	50.0	49.8	99.5
cal 5 mdq	5	✓	100.0	96.7	96.7
cal 6 mdq	6	✓	250.0	248.3	99.3
cal 7 mdq	7	✓	500.0	513.0	102.6
cal 8 mdq	8	✓	1000.0	1079.4	107.9

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Mitragynine

Internal Standard Fluoxetine-D6

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



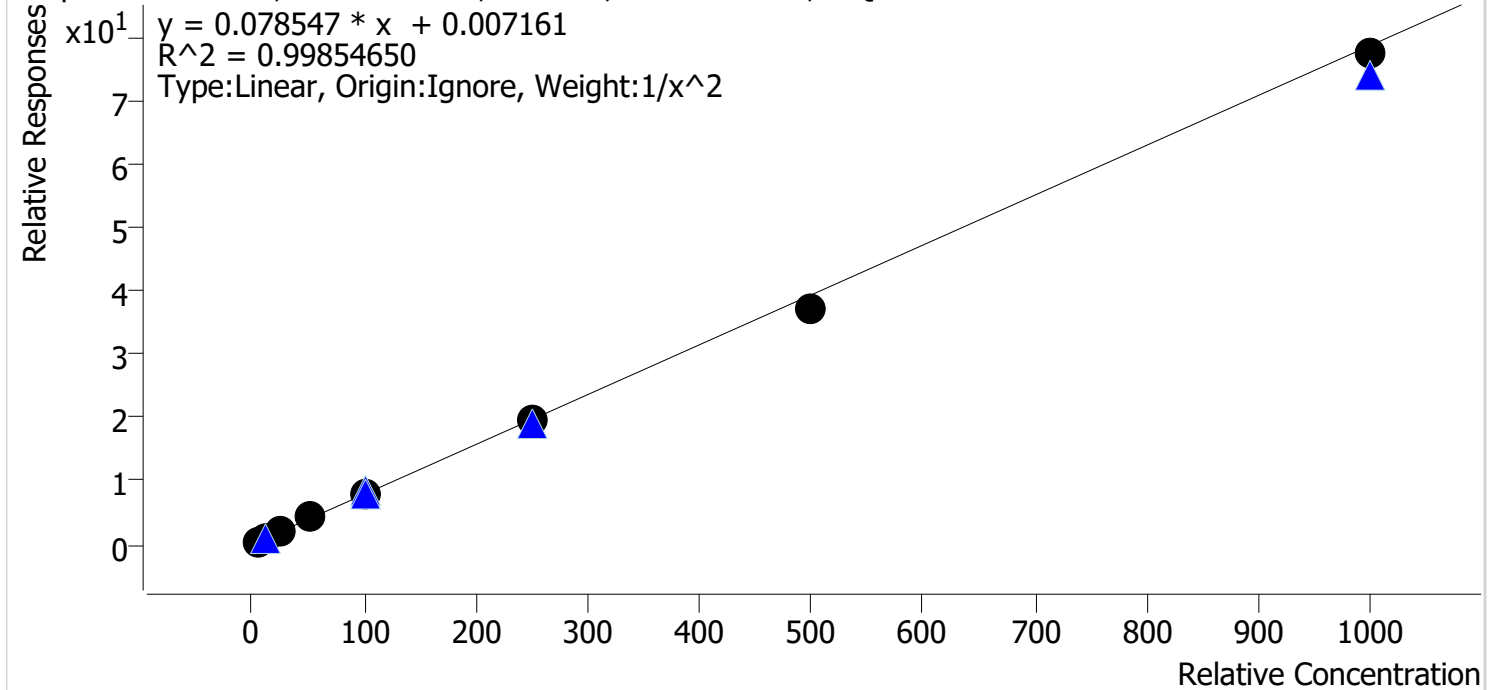
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.4
cal 2 mdq	2	✓	10.0	9.6	96.3
cal 3 mdq	3	✓	25.0	23.3	93.2
cal 4 mdq	4	✓	50.0	48.8	97.5
cal 5 mdq	5	✓	100.0	97.3	97.3
cal 6 mdq	6	✓	250.0	256.9	102.8
cal 7 mdq	7	✓	500.0	547.1	109.4
cal 8 mdq	8	✗	1000.0	1352.3	135.2

cal 8 did not meet accuracy criteria

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



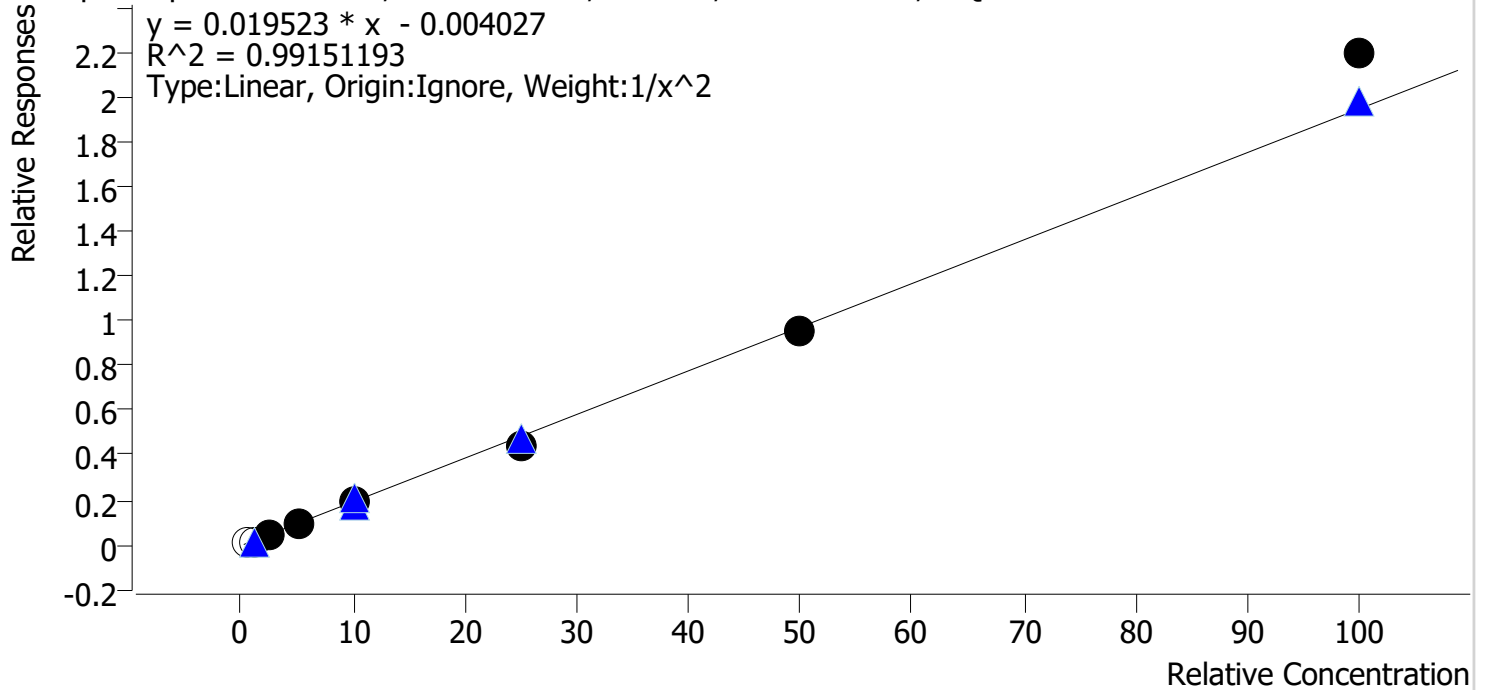
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.0
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	25.0	99.8
cal 4 mdq	4	✓	50.0	53.4	106.7
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	252.5	101.0
cal 7 mdq	7	✓	500.0	474.7	94.9
cal 8 mdq	8	✓	1000.0	983.9	98.4

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine

Internal Standard Norbuprenorphine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	0.5	0.9	176.7
cal 2 mdq	2	x	1.0	0.8	84.7
cal 3 mdq	3	✓	2.5	2.5	101.1
cal 4 mdq	4	✓	5.0	5.0	100.9
cal 5 mdq	5	✓	10.0	9.7	96.7
cal 6 mdq	6	✓	25.0	22.5	90.1
cal 7 mdq	7	✓	50.0	49.3	98.5
cal 8 mdq	8	✓	100.0	112.7	112.7

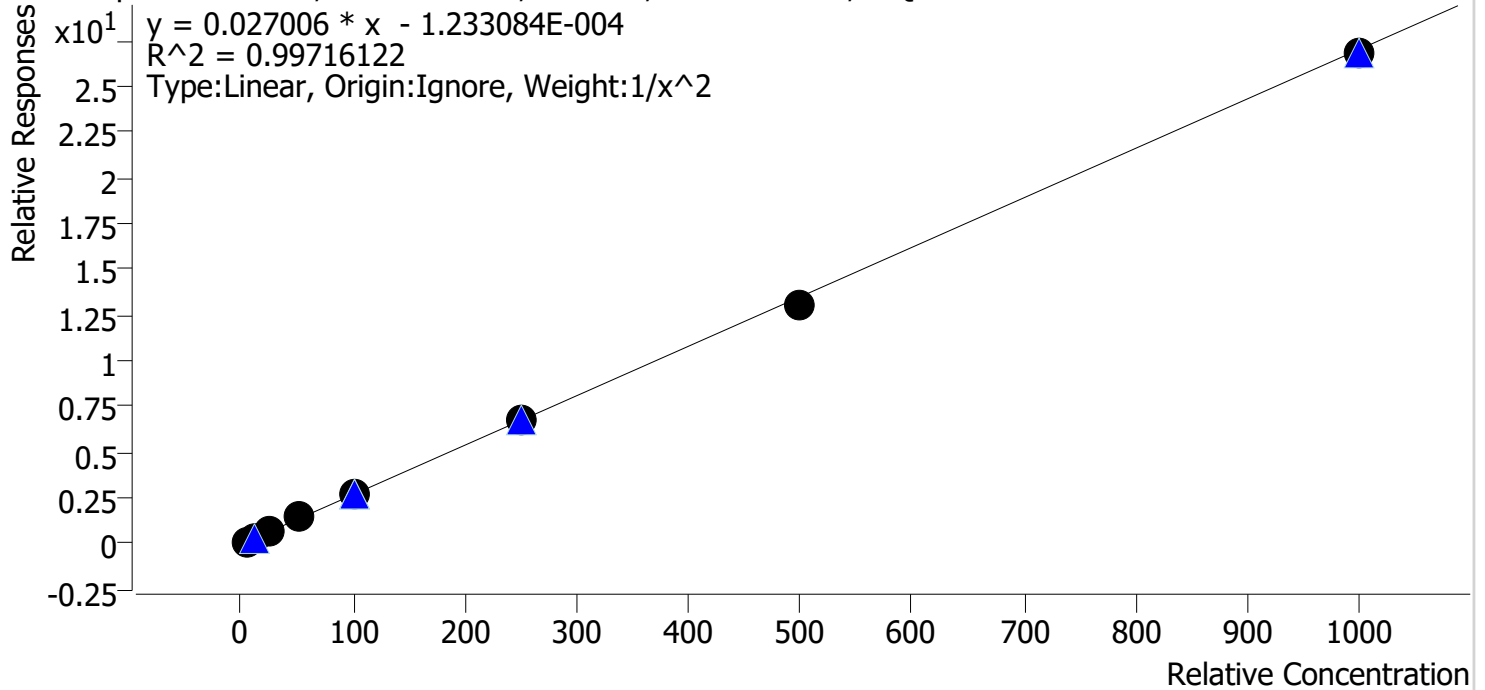
cal 1 & 2 poor peak shape and response

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Nordiazepam

Internal Standard Nordiazepam-D5

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



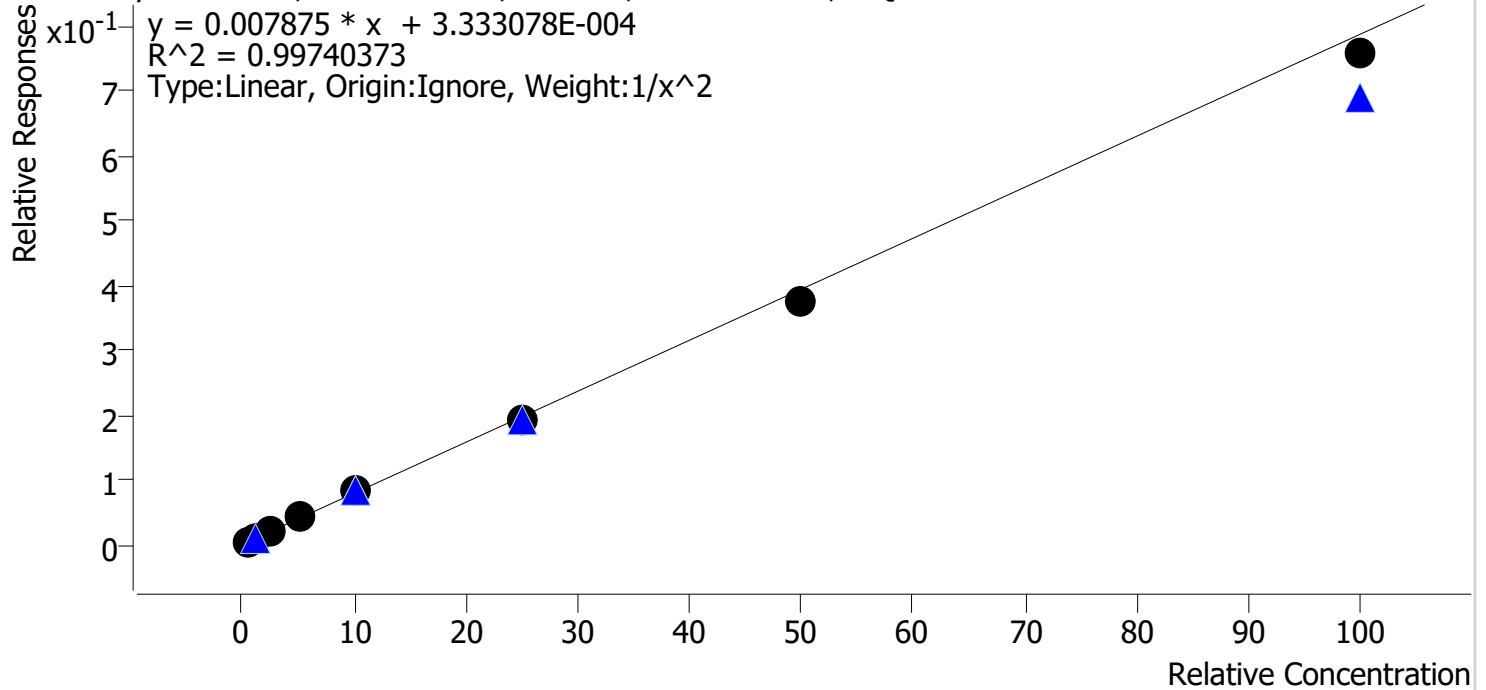
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.4
cal 2 mdq	2	✓	10.0	10.8	108.0
cal 3 mdq	3	✓	25.0	23.8	95.4
cal 4 mdq	4	✓	50.0	52.9	105.9
cal 5 mdq	5	✓	100.0	100.2	100.2
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	479.8	96.0
cal 8 mdq	8	✓	1000.0	990.1	99.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Norfentanyl

Internal Standard Norfentanyl-D5

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

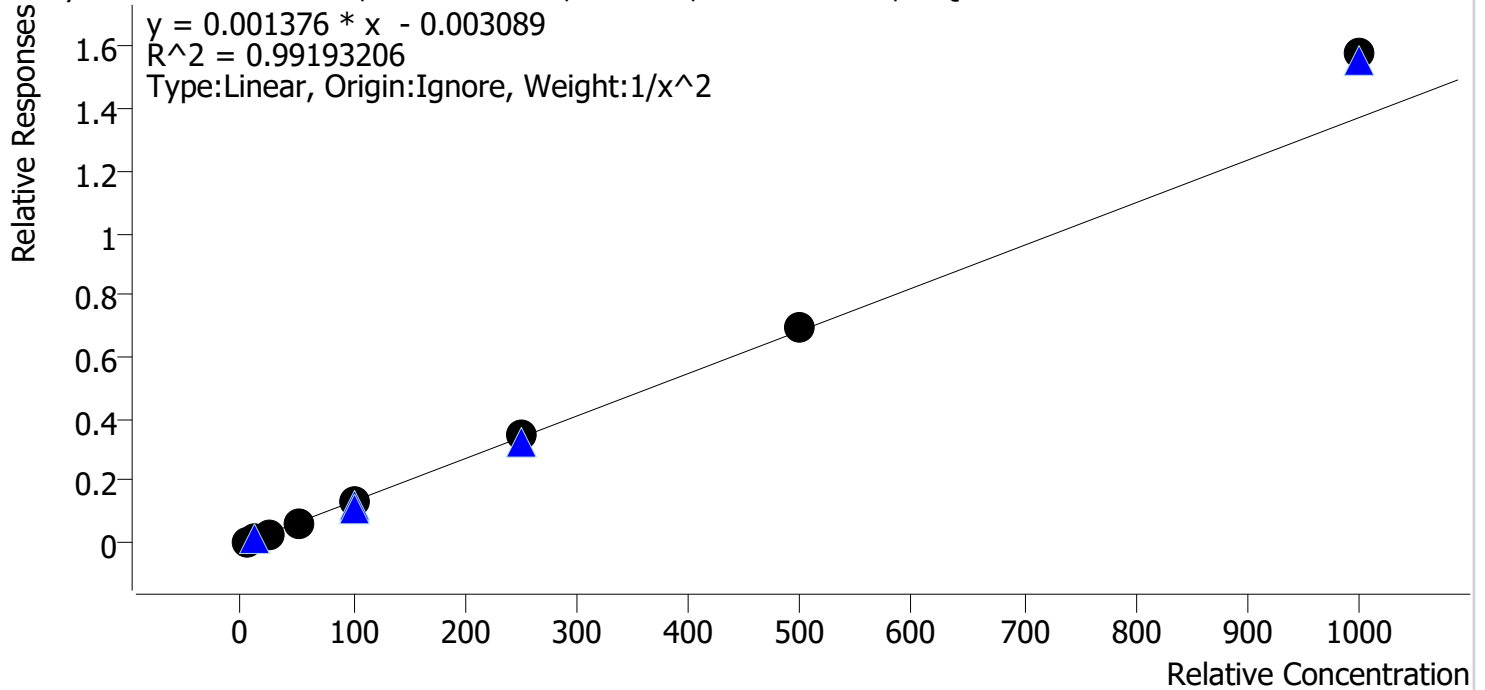


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	98.0
cal 2 mdq	2	✓	1.0	1.0	102.0
cal 3 mdq	3	✓	2.5	2.5	100.5
cal 4 mdq	4	✓	5.0	5.4	108.5
cal 5 mdq	5	✓	10.0	10.3	102.7
cal 6 mdq	6	✓	25.0	24.4	97.5
cal 7 mdq	7	✓	50.0	47.3	94.5
cal 8 mdq	8	✓	100.0	96.2	96.2

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



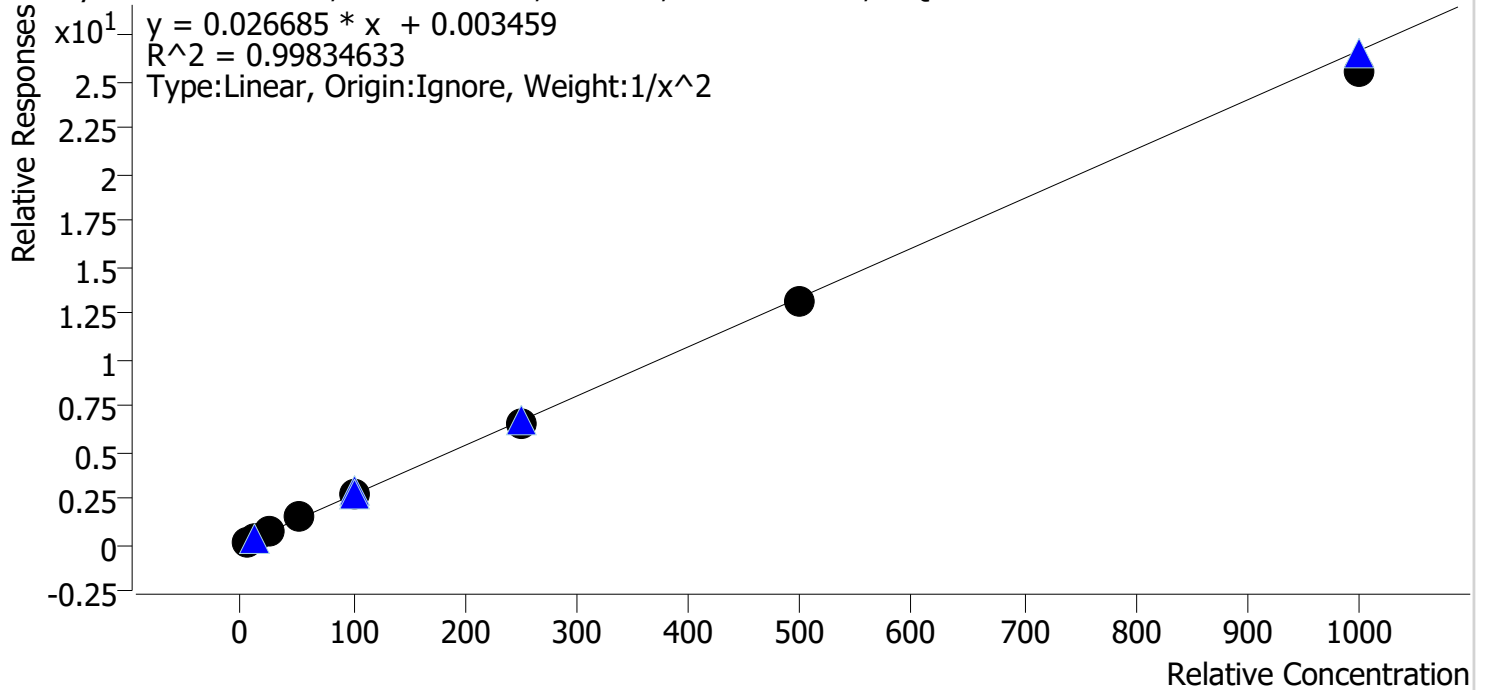
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.3	106.0
cal 2 mdq	2	✓	10.0	9.2	92.2
cal 3 mdq	3	✓	25.0	22.7	90.8
cal 4 mdq	4	✓	50.0	48.9	97.9
cal 5 mdq	5	✓	100.0	96.1	96.1
cal 6 mdq	6	✓	250.0	252.0	100.8
cal 7 mdq	7	✓	500.0	505.9	101.2
cal 8 mdq	8	✓	1000.0	1150.0	115.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Noroxycodone

Internal Standard Noroxycodone-D3

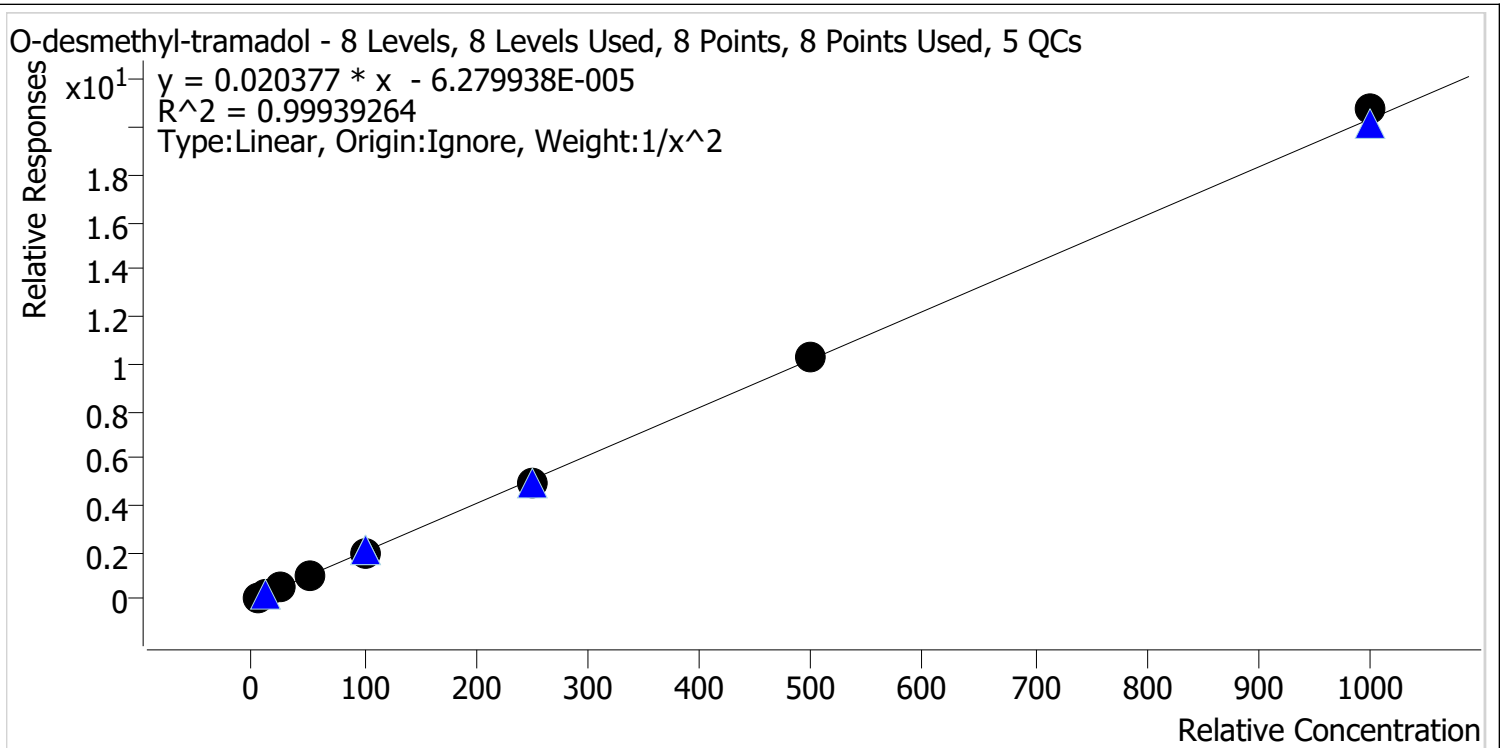
Noroxycodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.6
cal 2 mdq	2	✓	10.0	10.1	101.2
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	53.4	106.9
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	243.4	97.4
cal 7 mdq	7	✓	500.0	488.8	97.8
cal 8 mdq	8	✓	1000.0	955.1	95.5

Compound Calibration Report

Batch results	D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin		
Last Cal. Update	4/29/2021 8:41 PM		
Analyst Name	ISP\datastor		
Analyte	O-desmethyl-tramadol	Internal Standard	O-desmethyl-tramadol-D6

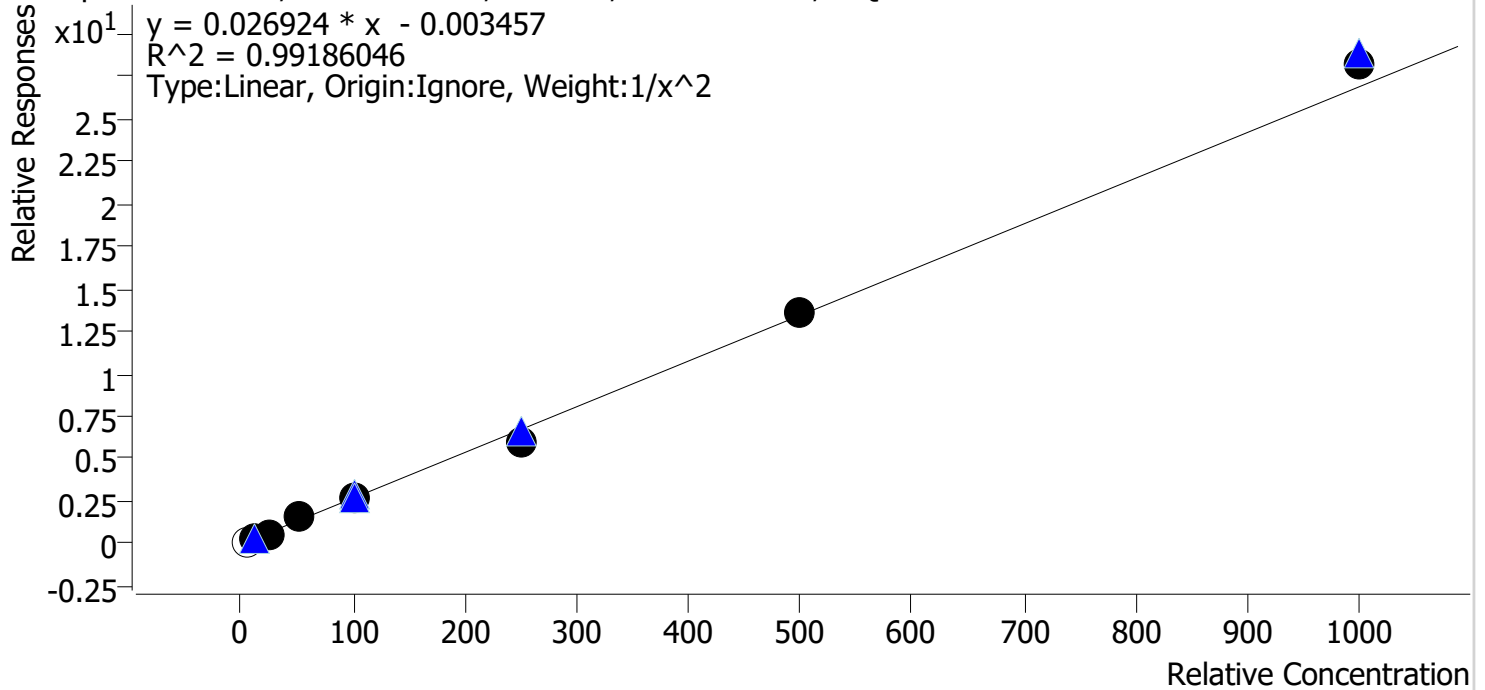


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	24.3	97.3
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	100.0	100.0
cal 6 mdq	6	✓	250.0	243.3	97.3
cal 7 mdq	7	✓	500.0	504.3	100.9
cal 8 mdq	8	✓	1000.0	1020.2	102.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



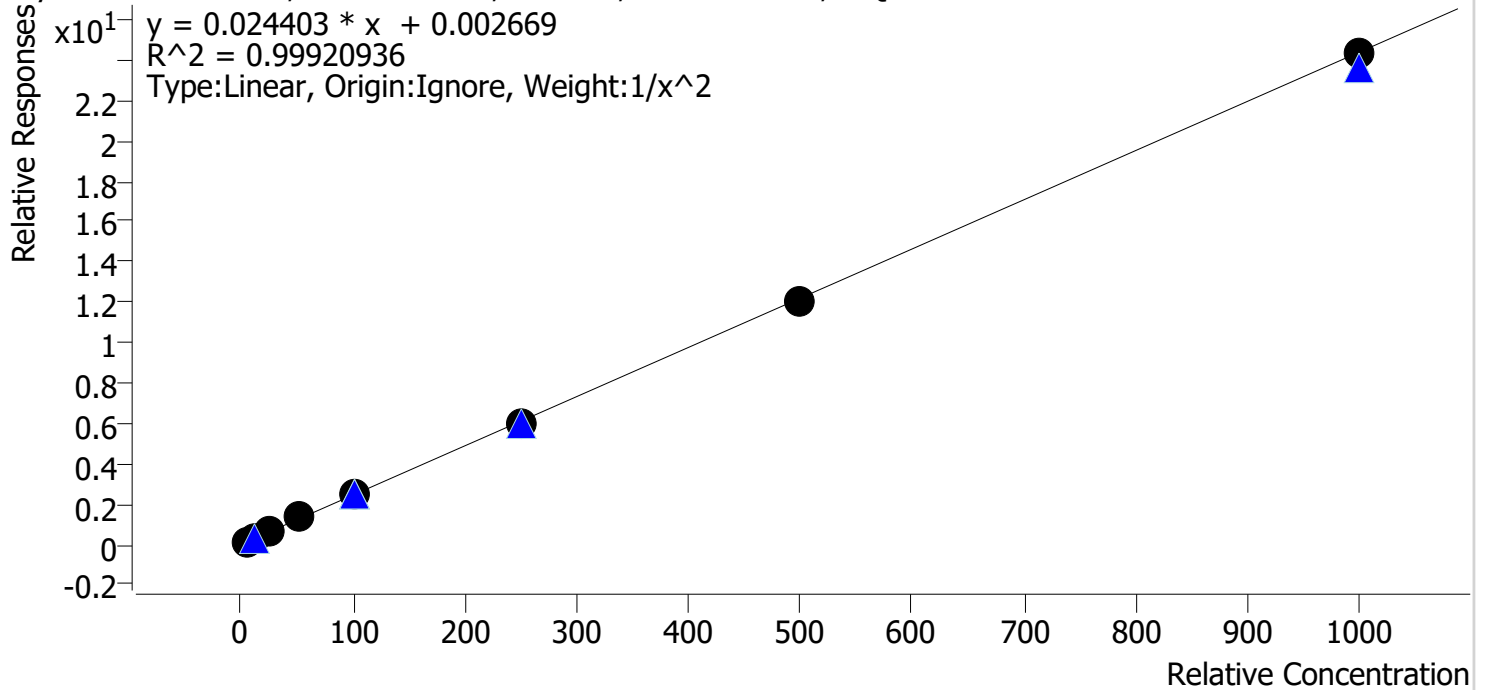
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	4.7	93.4
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	23.2	93.0
cal 4 mdq	4	✓	50.0	56.4	112.7
cal 5 mdq	5	✓	100.0	97.4	97.4
cal 6 mdq	6	✓	250.0	223.2	89.3
cal 7 mdq	7	✓	500.0	507.7	101.5
cal 8 mdq	8	✓	1000.0	1051.8	105.2

cal 1 poor response, s/n requirement not met

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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

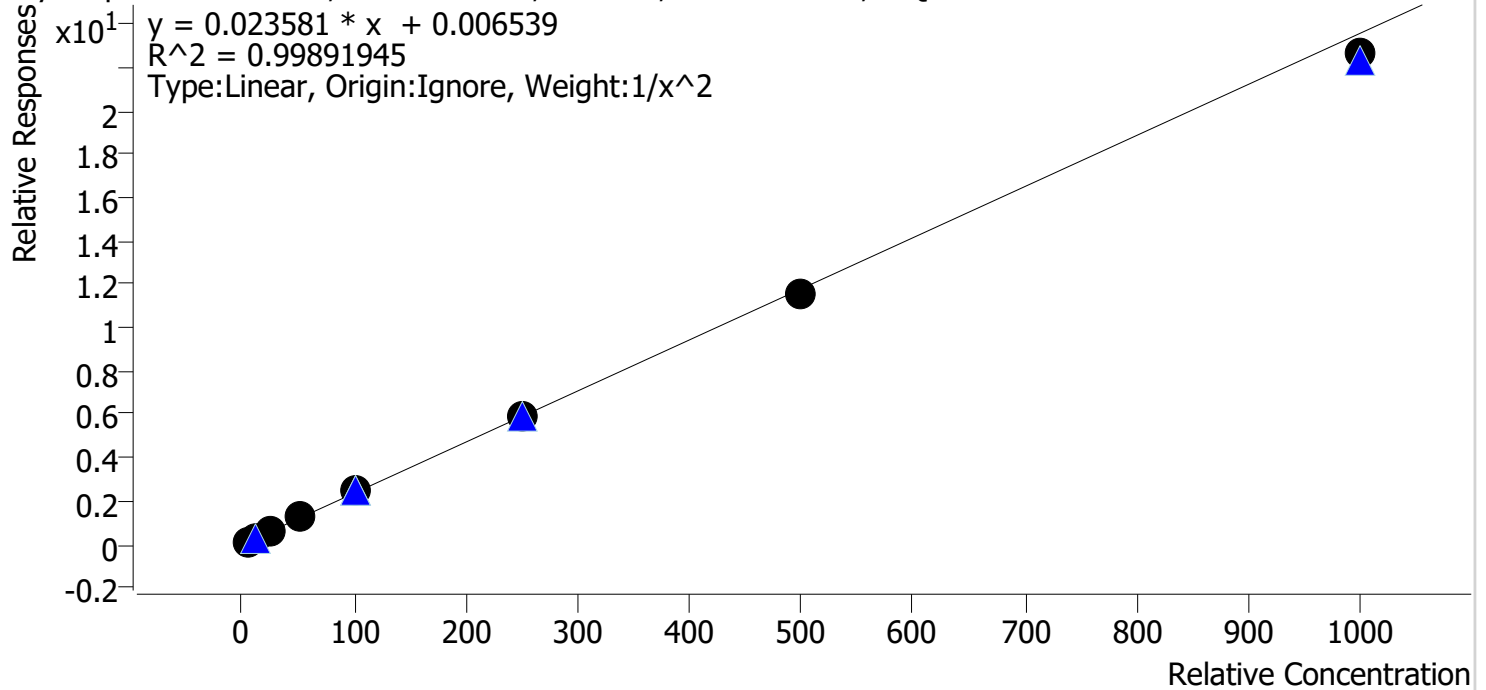


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	52.8	105.5
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	246.3	98.5
cal 7 mdq	7	✓	500.0	492.2	98.4
cal 8 mdq	8	✓	1000.0	997.1	99.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



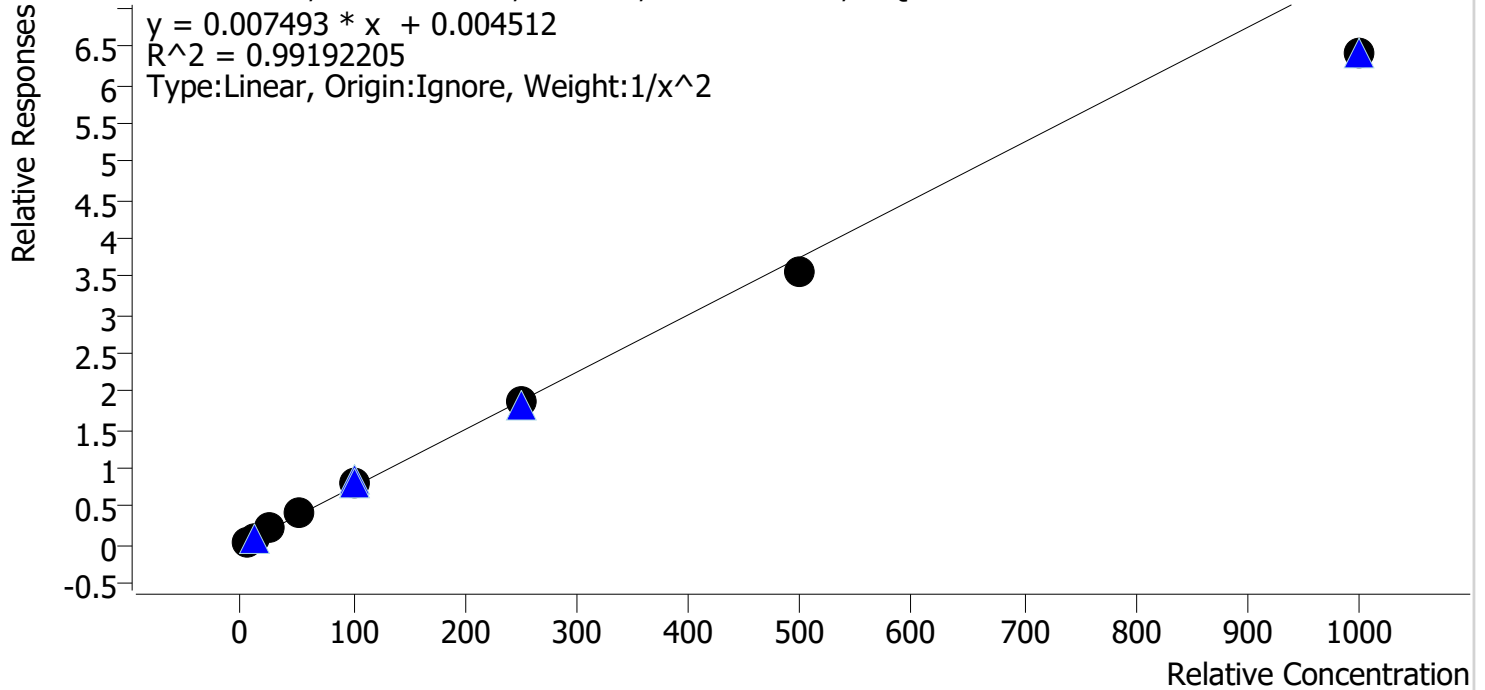
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.6
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.9	99.6
cal 4 mdq	4	✓	50.0	52.9	105.7
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	247.4	99.0
cal 7 mdq	7	✓	500.0	491.7	98.3
cal 8 mdq	8	✓	1000.0	960.2	96.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Phentermine

Internal Standard Phentermine-D5

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

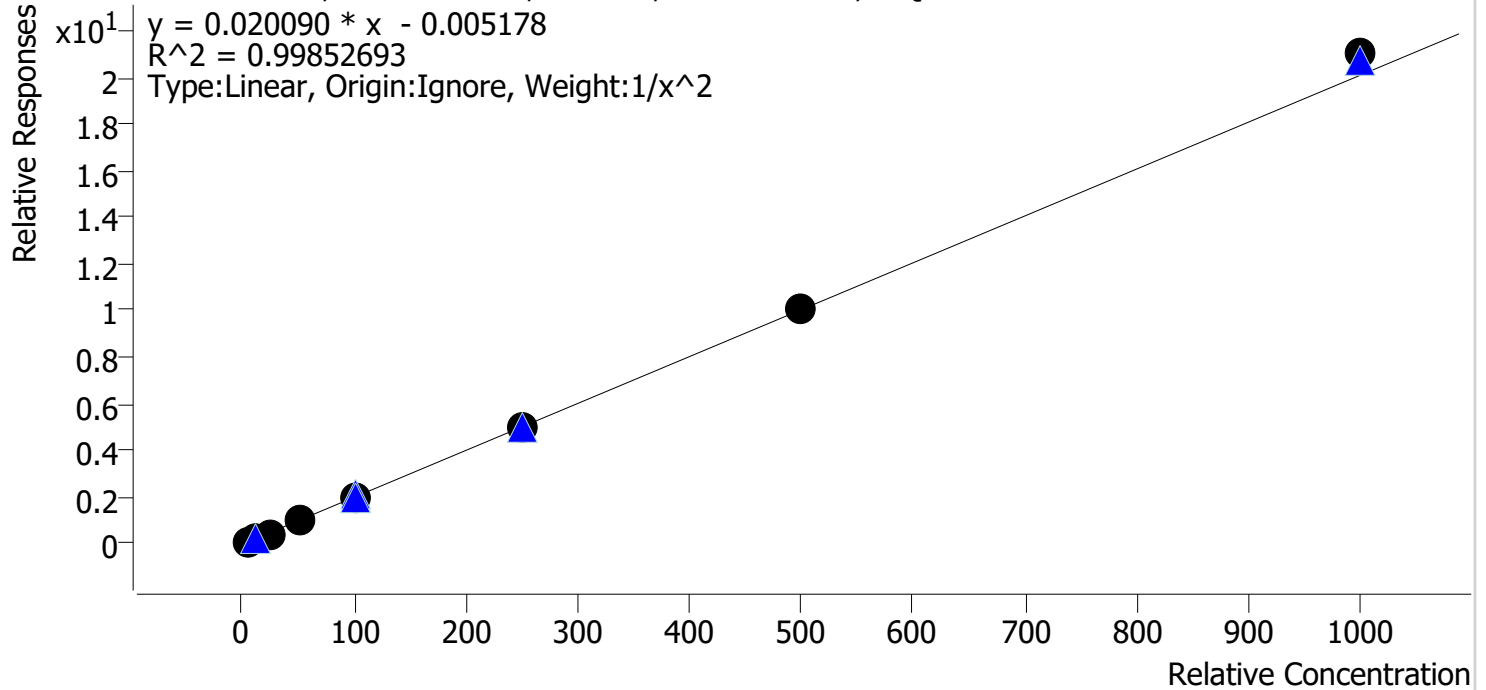


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.4
cal 2 mdq	2	✓	10.0	10.2	102.2
cal 3 mdq	3	✓	25.0	26.6	106.5
cal 4 mdq	4	✓	50.0	55.4	110.7
cal 5 mdq	5	✓	100.0	104.6	104.6
cal 6 mdq	6	✓	250.0	246.4	98.6
cal 7 mdq	7	✓	500.0	477.5	95.5
cal 8 mdq	8	✓	1000.0	854.5	85.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



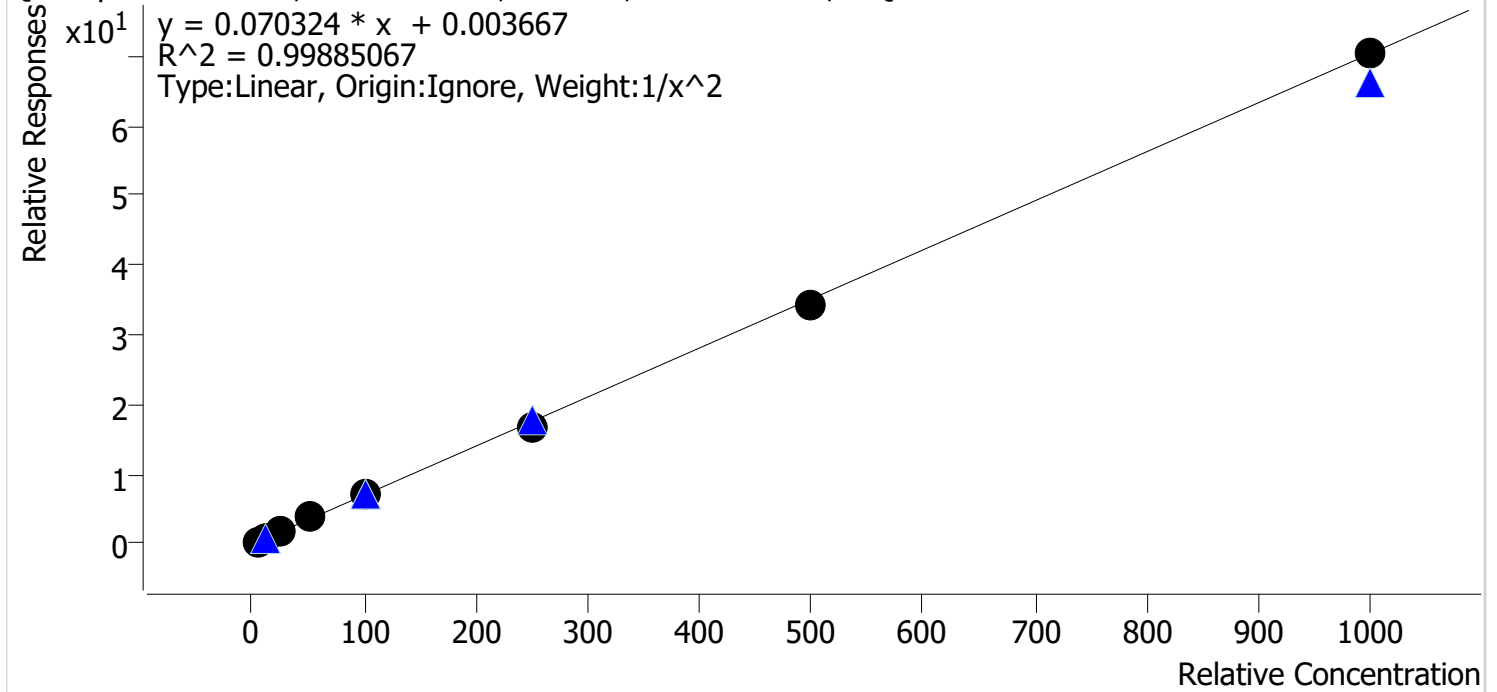
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.5
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	23.5	94.1
cal 4 mdq	4	✓	50.0	51.1	102.3
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	248.2	99.3
cal 7 mdq	7	✓	500.0	502.7	100.5
cal 8 mdq	8	✓	1000.0	1046.2	104.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Quetiapine

Internal Standard Quetiapine-D8

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

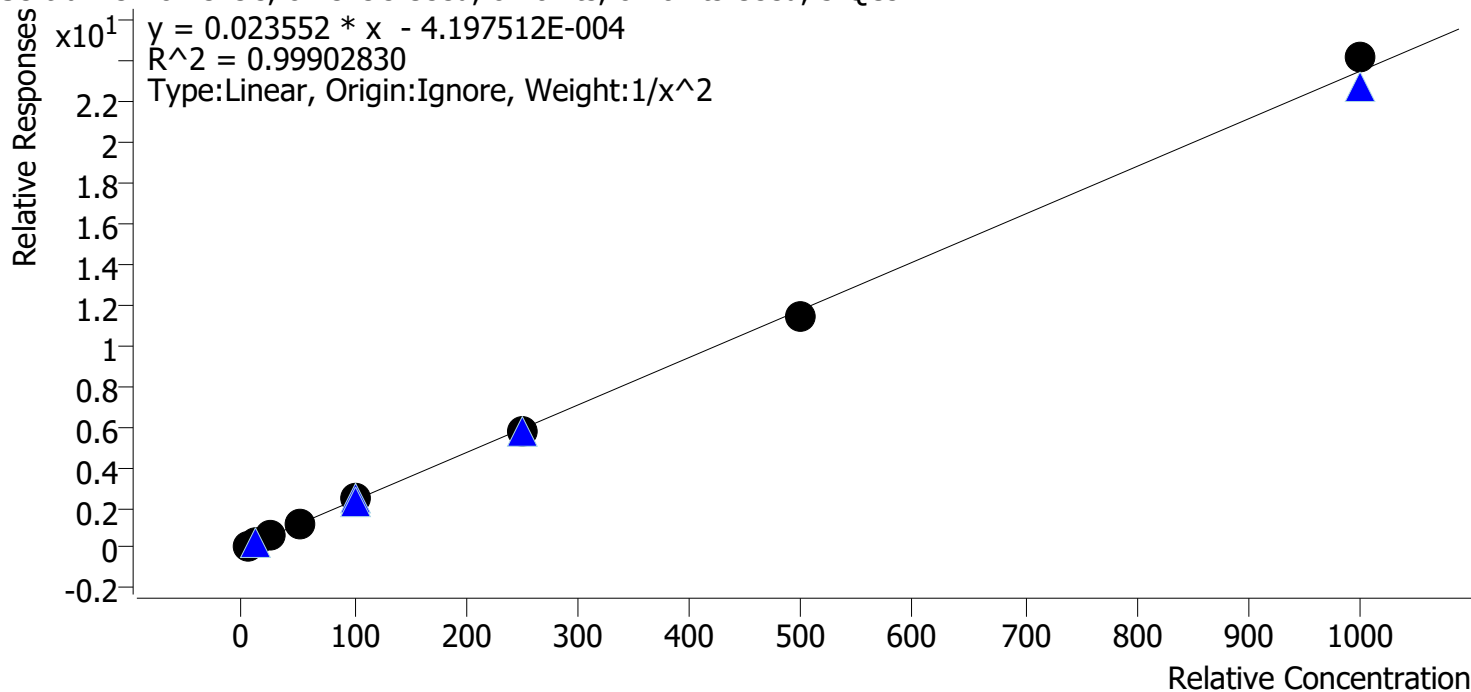


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	25.4	101.4
cal 4 mdq	4	✓	50.0	53.2	106.3
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	241.7	96.7
cal 7 mdq	7	✓	500.0	487.9	97.6
cal 8 mdq	8	✓	1000.0	1000.2	100.0

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

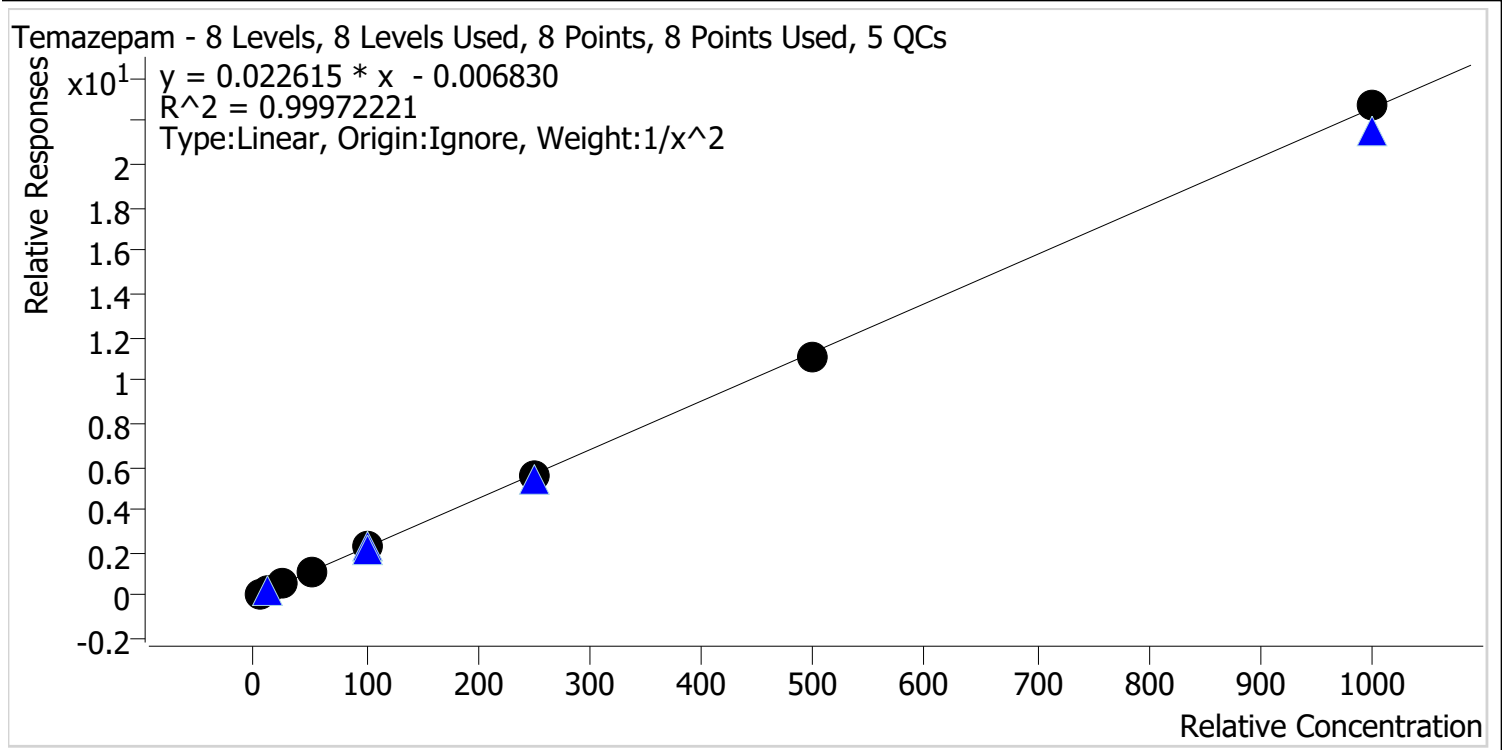
Sertraline - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.6
cal 2 mdq	2	✓	10.0	9.6	96.2
cal 3 mdq	3	✓	25.0	25.0	100.1
cal 4 mdq	4	✓	50.0	51.6	103.2
cal 5 mdq	5	✓	100.0	101.4	101.4
cal 6 mdq	6	✓	250.0	244.3	97.7
cal 7 mdq	7	✓	500.0	485.1	97.0
cal 8 mdq	8	✓	1000.0	1028.5	102.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

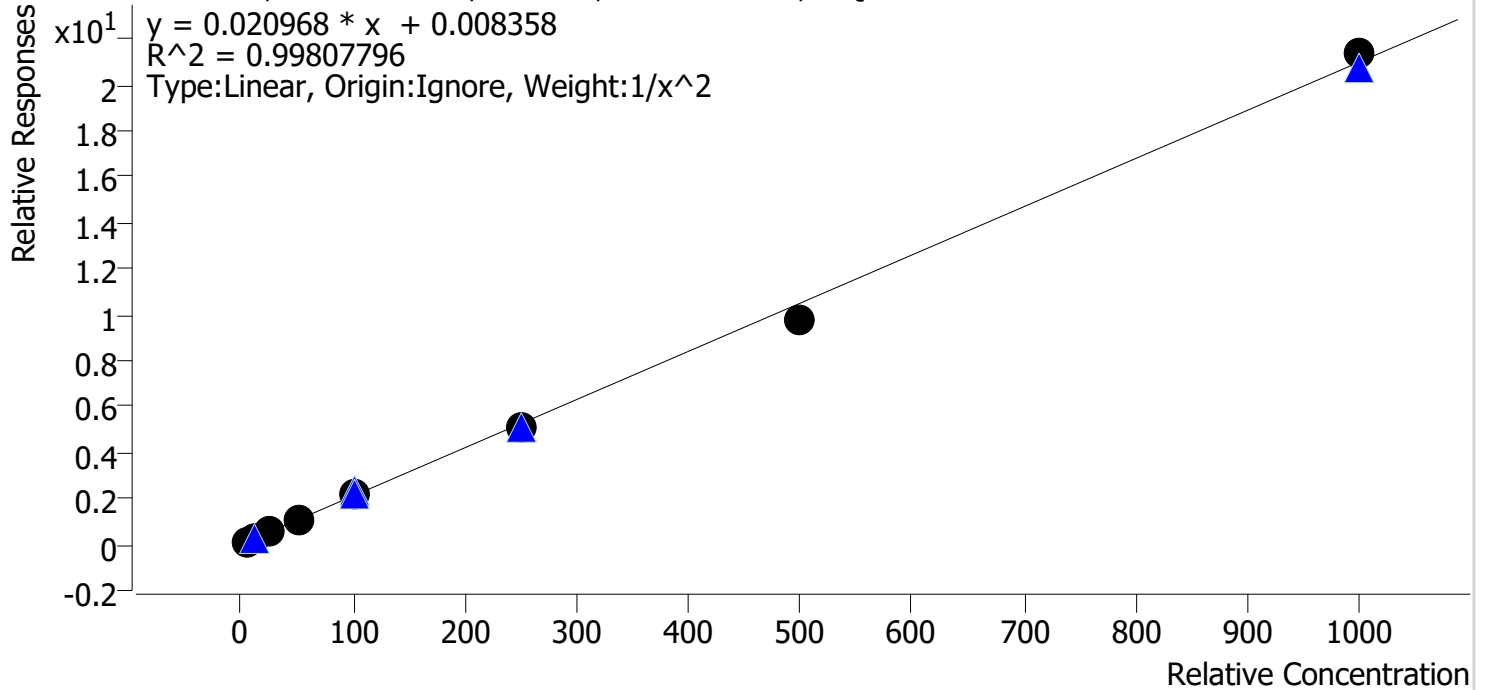


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	490.0	98.0
cal 8 mdq	8	✓	1000.0	1005.5	100.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

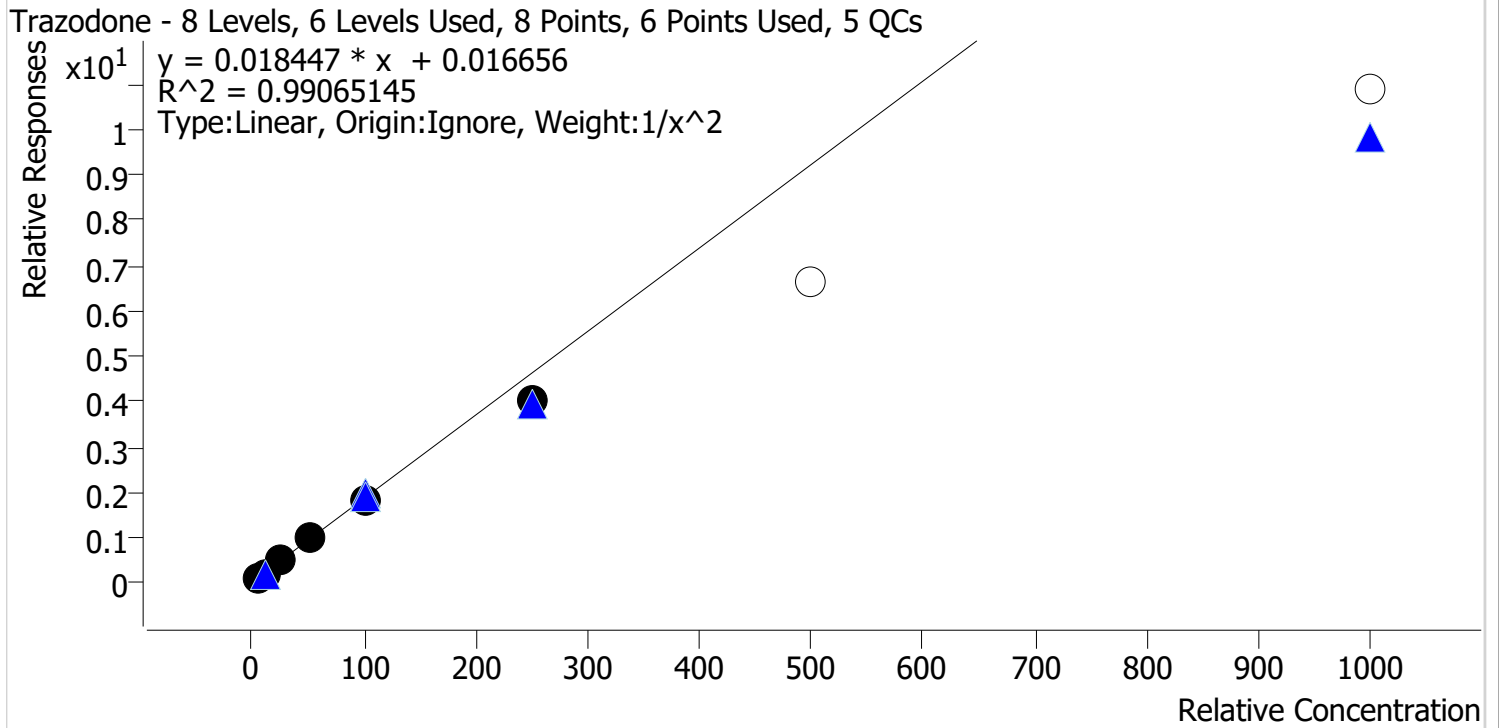
Tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	9.9	99.1
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	53.4	106.8
cal 5 mdq	5	✓	100.0	100.8	100.8
cal 6 mdq	6	✓	250.0	244.1	97.6
cal 7 mdq	7	✓	500.0	466.9	93.4
cal 8 mdq	8	✓	1000.0	1017.7	101.8

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

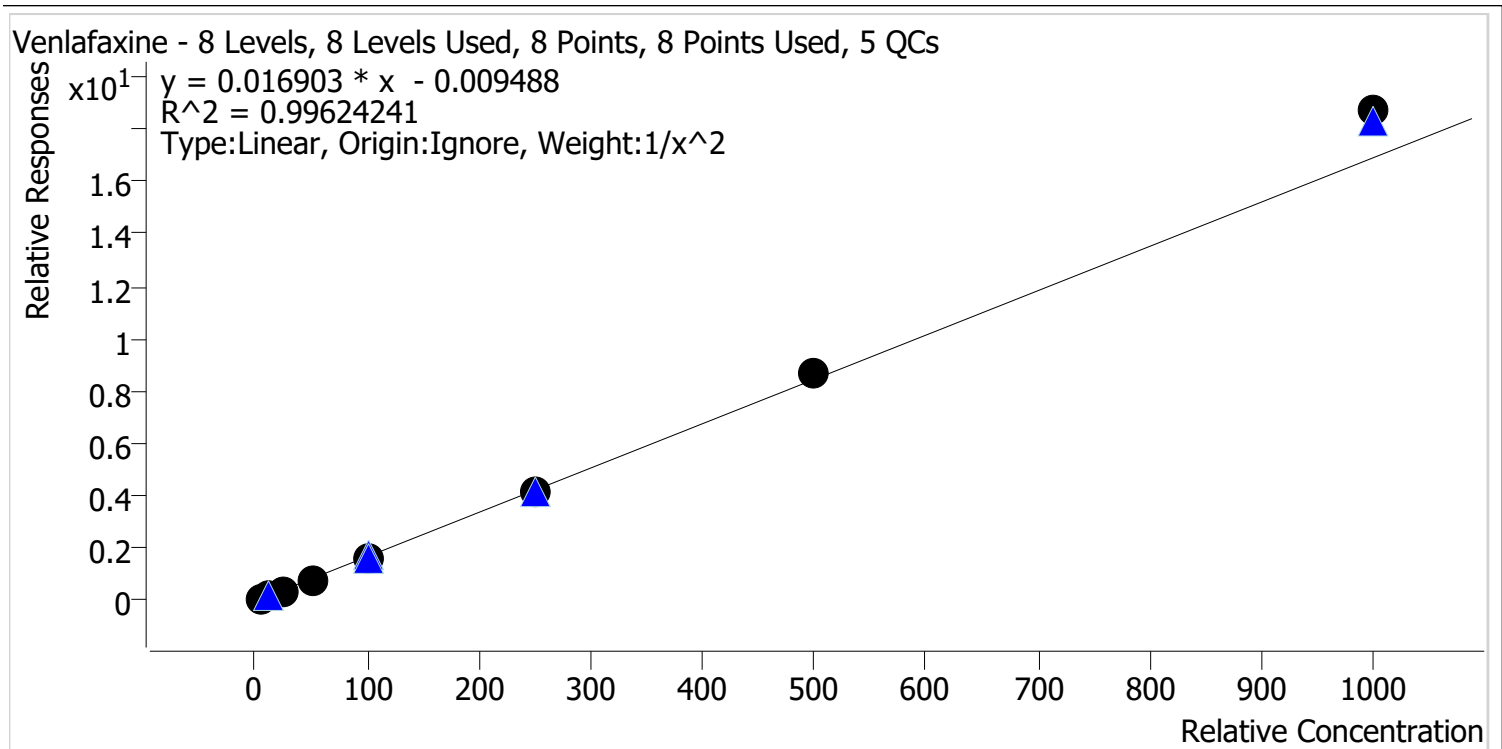


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.2
cal 2 mdq	2	✓	10.0	10.4	103.9
cal 3 mdq	3	✓	25.0	26.8	107.0
cal 4 mdq	4	✓	50.0	53.8	107.6
cal 5 mdq	5	✓	100.0	98.5	98.5
cal 6 mdq	6	✓	250.0	217.0	86.8
cal 7 mdq	7	✗	500.0	361.4	72.3
cal 8 mdq	8	✗	1000.0	589.7	59.0

cal 7 & 8 did not meet accuracy criteria, evaluated qualitatively

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



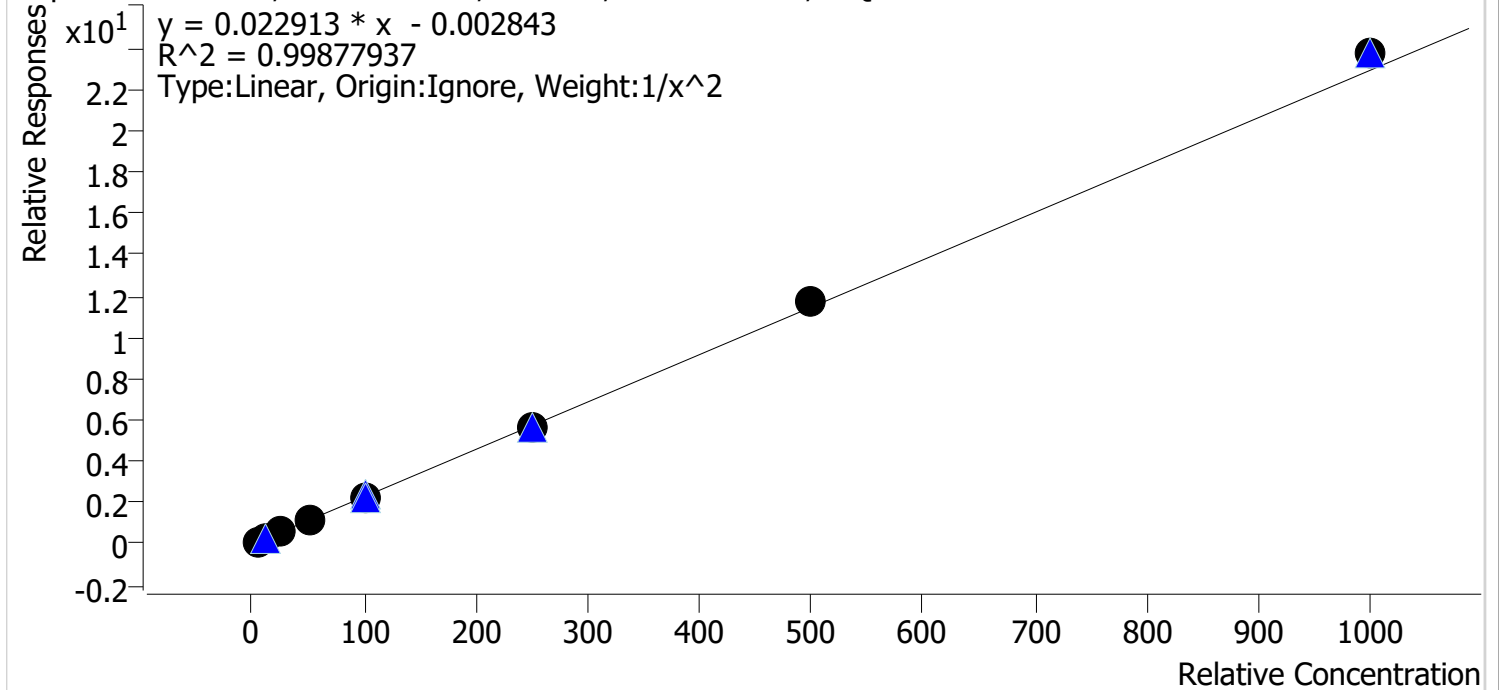
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.8
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	23.5	93.9
cal 4 mdq	4	✓	50.0	49.2	98.5
cal 5 mdq	5	✓	100.0	96.4	96.4
cal 6 mdq	6	✓	250.0	243.1	97.2
cal 7 mdq	7	✓	500.0	515.8	103.2
cal 8 mdq	8	✓	1000.0	1106.4	110.6

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Zolpidem

Internal Standard Zolpidem-D6

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

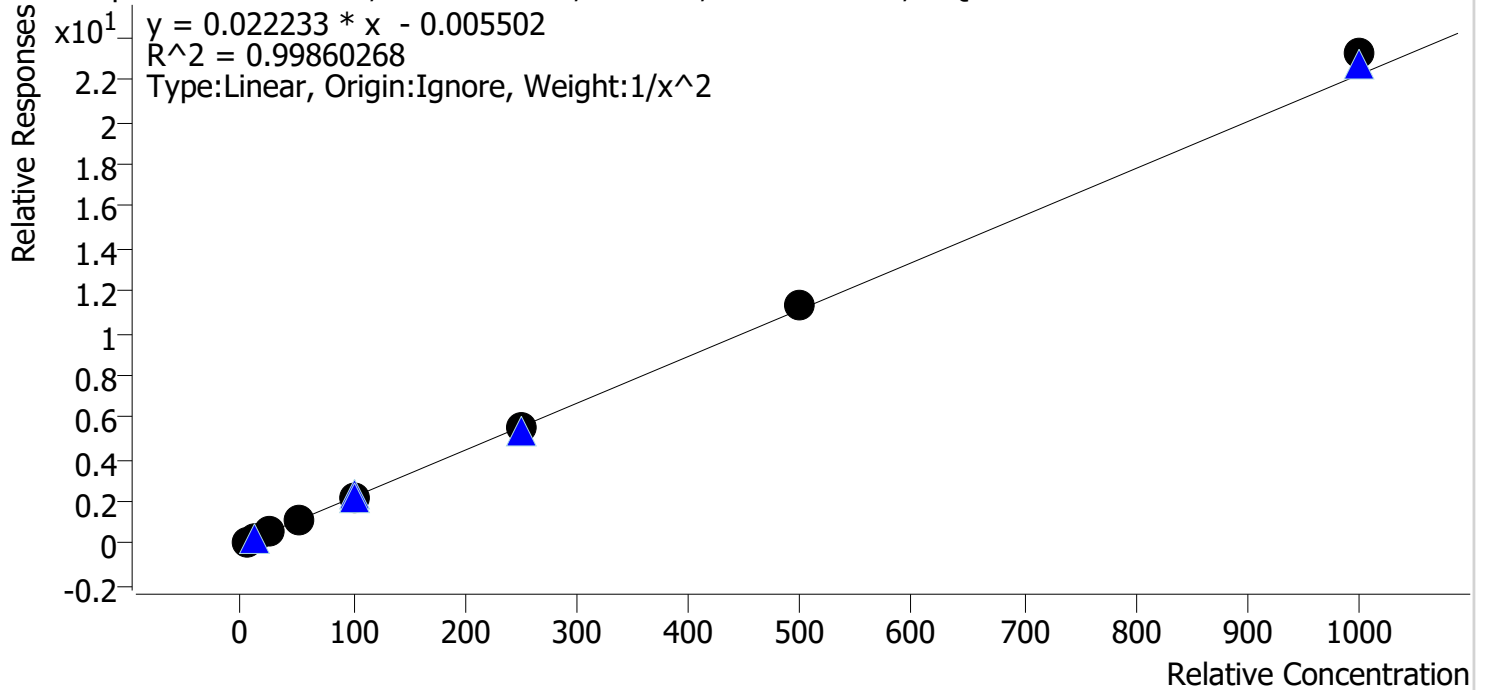


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.5
cal 2 mdq	2	✓	10.0	9.7	97.0
cal 3 mdq	3	✓	25.0	23.7	94.8
cal 4 mdq	4	✓	50.0	50.3	100.5
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	250.0	100.0
cal 7 mdq	7	✓	500.0	513.9	102.8
cal 8 mdq	8	✓	1000.0	1035.2	103.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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

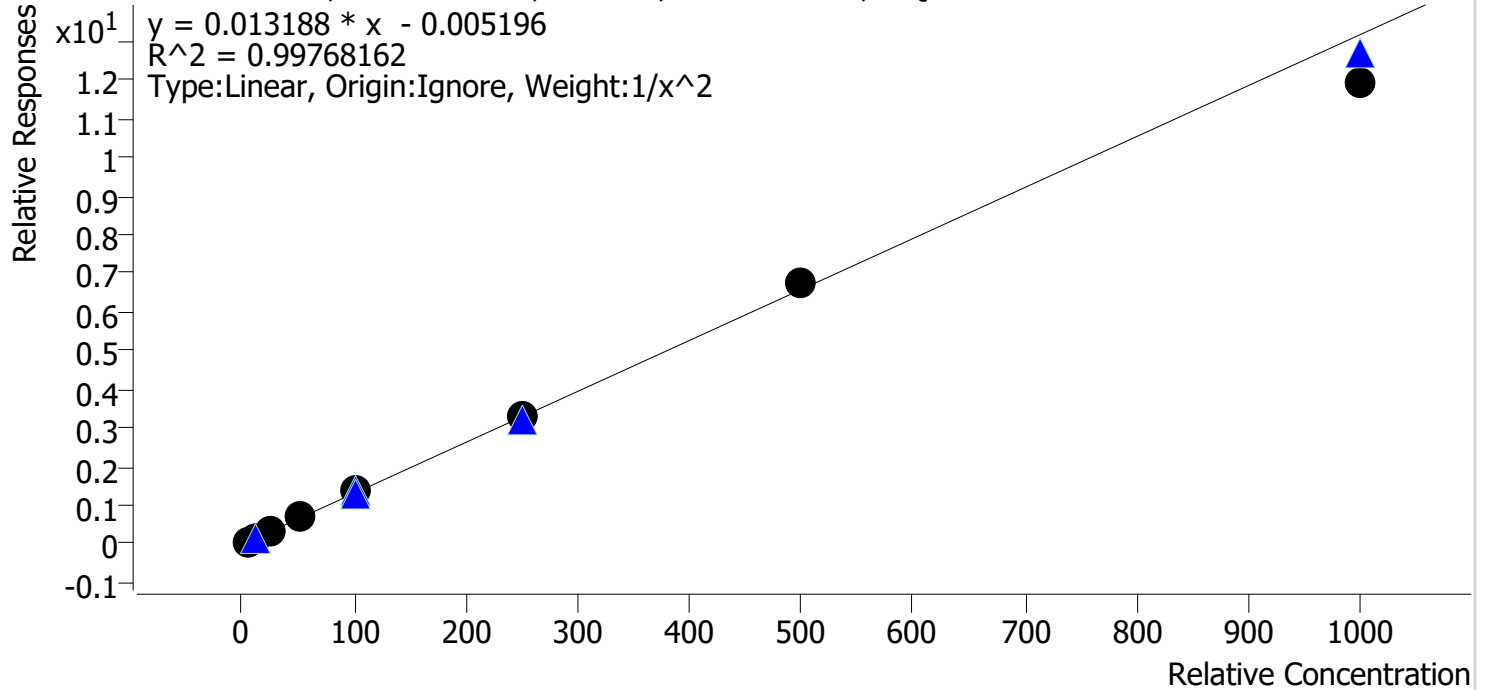


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.4
cal 2 mdq	2	✓	10.0	9.7	97.1
cal 3 mdq	3	✓	25.0	23.7	94.9
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	247.9	99.2
cal 7 mdq	7	✓	500.0	510.2	102.0
cal 8 mdq	8	✓	1000.0	1045.1	104.5

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Amphetamine-D11

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

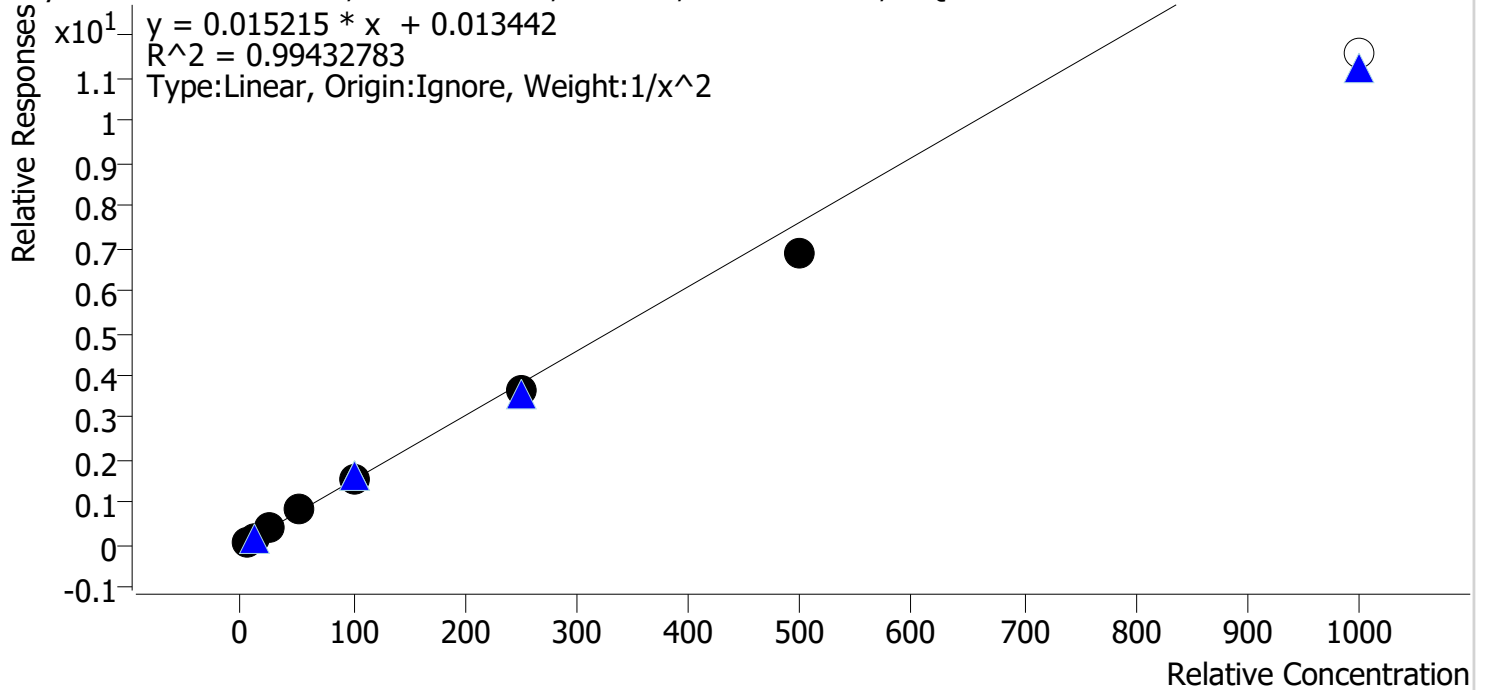


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.0	100.1
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	52.0	104.0
cal 5 mdq	5	✓	100.0	103.0	103.0
cal 6 mdq	6	✓	250.0	254.7	101.9
cal 7 mdq	7	✓	500.0	511.4	102.3
cal 8 mdq	8	✓	1000.0	907.0	90.7

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Last Cal. Update 4/29/2021 8:41 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.4
cal 2 mdq	2	✓	10.0	10.4	104.5
cal 3 mdq	3	✓	25.0	25.7	102.9
cal 4 mdq	4	✓	50.0	54.1	108.1
cal 5 mdq	5	✓	100.0	103.2	103.2
cal 6 mdq	6	✓	250.0	237.3	94.9
cal 7 mdq	7	✓	500.0	449.8	90.0
cal 8 mdq	8	✗	1000.0	760.8	76.1

cal 8 did not meet accuracy criteria

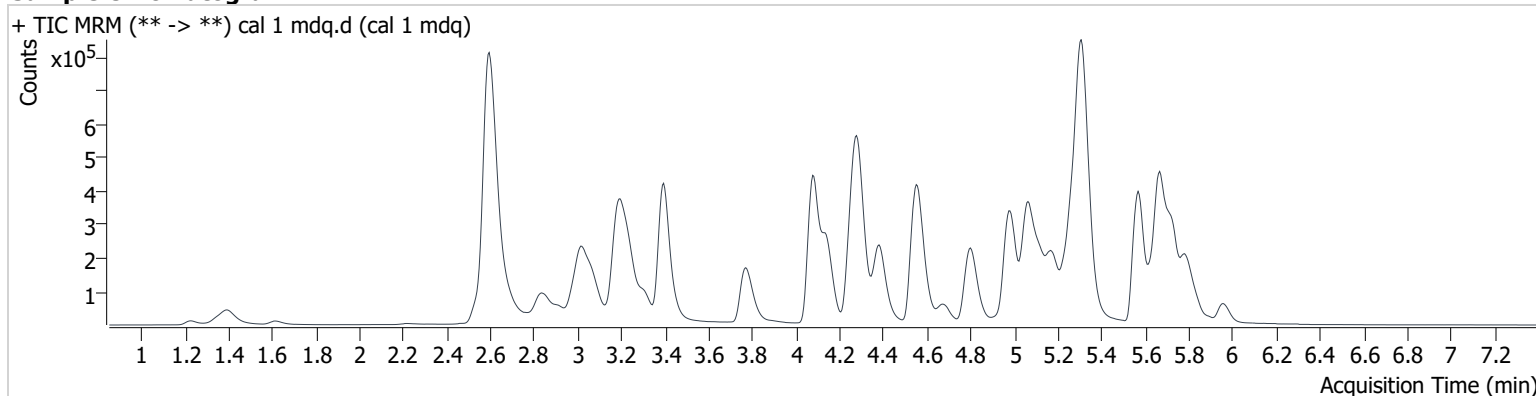
AM #28 Multi-Drug Quant. Results

BWylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	cal 1 mdq.d
Type	Cal	Sample	cal 1 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-A1	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 12:51:57 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.160	1281	31502.1	160.1	3654.5	73609	0.508 ng/ml
7-aminoclonazepam	4.313	14426	68089.5	72.8	∞	107820	4.985 ng/ml
a-hydroxyalprazolam	5.717	1429	11955.0	61.7	∞	169333	4.800 ng/ml
alpha-PHP	4.961	63722	181886.4	37.9	∞	809085	4.883 ng/ml
alpha-PVP	4.392	82528	24417.1	52.7	53263.0	706903	5.054 ng/ml
Alprazolam	5.786	26464	5827.0	89.7	∞	205677	4.944 ng/ml
Amphetamine	3.073	144040	3045.3	44.0	1437.6	487299	4.762 ng/ml
Benzoylcegonine	3.916	1466	42655.0	19.4	1673.7	9542	5.027 ng/ml
Buprenorphine	5.840	967	1148.3	21.9 High	1427.3	82352	0.838 ng/ml
Bupropion	4.816	85156	79565.8	65.5	45748.6	809085	5.097 ng/ml
Carisoprodol	5.741	22328	38883.8	56.9	4807.4	170658	4.977 ng/ml
Citalopram	5.248	62122	1259.5	41.9	27556.7	568275	4.996 ng/ml
Clonazepam	5.639	3150	∞	29.0	1326.8	10442	4.952 ng/ml
Clonazepam	5.581	6145	∞	43.1	∞	205677	4.873 ng/ml
Cocaine	4.286	63853	289288.6	44.3	∞	1059245	5.023 ng/ml
Codeine	2.613	9603	336179.2	92.1	28476.7	91707	4.729 ng/ml
Cyclobenzaprine	5.641	74459	172528.9	11.2	∞	516806	5.011 ng/ml
Dextromethorphan	5.292	51322	141712.2	72.4	∞	458240	5.052 ng/ml
Dextropropoxyphene	4.144	61451	3625.5	45.7	∞	655123	5.098 ng/ml
Diazepam	5.963	18288	∞	88.8	18176.3	169333	5.147 ng/ml
Dihydrocodeine	2.577	25428	23753.8	57.2	6273.5	292972	4.821 ng/ml
Diphenhydramine	5.318	211998	312166.6	31.1	9699.6	2082431	5.141 ng/ml
Doxylamine	4.566	184348	∞	81.2	17562.5	1481106	5.053 ng/ml
EDDP	5.286	84418	∞	42.9	∞	802719	5.042 ng/ml
Etizolam	5.836	13217	17780.6	22.3	4545.4	169333	4.926 ng/ml
Fentanyl	5.134	6278	17264.0	132.1	11219.4	601963	0.503 ng/ml
Flualprazolam	5.727	12770	∞	100.0	∞	205677	4.916 ng/ml
Fluoxetine	5.723	77587	∞	7.5	11101.9	571404	5.029 ng/ml
Hydrocodone	3.049	27229	∞	36.3	596.3	617308	4.907 ng/ml
Hydromorphone	1.618	25711	73521.5	74.6	3699.0	12596	4.865 ng/ml
Ketamine	4.088	59184	∞	36.9	545.8	580189	5.001 ng/ml
Lamotrigine	4.319	6040	22919.1	79.4	17894.5	523008	4.946 ng/ml
Levetiracetam	2.686	29508	3726.8	225.5	2217.5	487299	4.986 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.785	1053	3.4 Low			9257	5.085 ng/ml
MDA	3.225	79189	2315.4	25.6	749.7	523008	4.830 ng/ml
MDMA	3.312	60444	∞	98.4	32756.7	135910	5.050 ng/ml
Meprobamate	4.941	7623	29851.7	31.5	249.6	55748	4.775 ng/ml
Methadone	5.676	108074	18300.5	54.0	∞	1081635	5.106 ng/ml
Methamphetamine	3.247	79275	958.3	257.1	∞	1071713	4.686 ng/ml
Metoprolol	4.349	19106	18152.8	92.6	∞	3180946	4.817 ng/ml
Mirtazapine	4.675	127801	255624.9	48.0	∞	1081635	5.119 ng/ml
Mitragynine	5.268	25122	12060.0	31.2	17447.4	571404	5.171 ng/ml
Morphine	1.231	4988	∞	16.8	∞	12596	4.950 ng/ml
Norbuprenorphine	5.040	151	480.6			11448	0.884 ng/ml
Nordiazepam	5.907	3480	6374.8	67.6	9661.4	26757	4.820 ng/ml
Norfentanyl	4.109	4423	550.2	38.9	2907.1	1054765	0.490 ng/ml
Norhydrocodone	3.090	586	∞	416.5	∞	139346	5.302 ng/ml
Noroxycodone	2.936	19862	1024.1	47.5	∞	147140	4.929 ng/ml
O-desmethyl-tramadol	3.399	143707	∞	6.0	714.7	1396491	5.053 ng/ml
Oxazepam	5.766	1132	18.8	68.1	1.5 Low	9257	4.668 ng/ml
Oxycodone	2.863	50455	2278.5	27.5	∞	404201	5.006 ng/ml
Oxymorphone	1.399	30848	529363620673 147.0	43.8	∞	248843	4.980 ng/ml
Phentermine	3.806	26084	197.9	10.1	45.8	641777	4.822 ng/ml
Promethazine	5.568	92726	108894.3	37.9	5804.7	948598	5.123 ng/ml
Pseudoephedrine	2.605	344487	6735.4	25.0	8650.3	3180946	5.118 ng/ml
Quetiapine	5.586	95393	622755.3	61.6	∞	269358	4.984 ng/ml
Sertraline	5.786	25600	42581.0	92.5	11378.5	214804	5.078 ng/ml
Temazepam	5.838	11870	2042.2	28.3	43.8	111441	5.012 ng/ml
Tramadol	4.272	137629	1158714.0	3.3	168.5	1219374	4.984 ng/ml
Trazodone	5.237	74153	293775.9	76.4	66413.6	703373	4.812 ng/ml
Venlafaxine	5.063	99811	∞	40.2	585.1	1289010	5.142 ng/ml
Zolpidem	4.999	136448	158758.3	30.4	83585.3	1190745	5.125 ng/ml

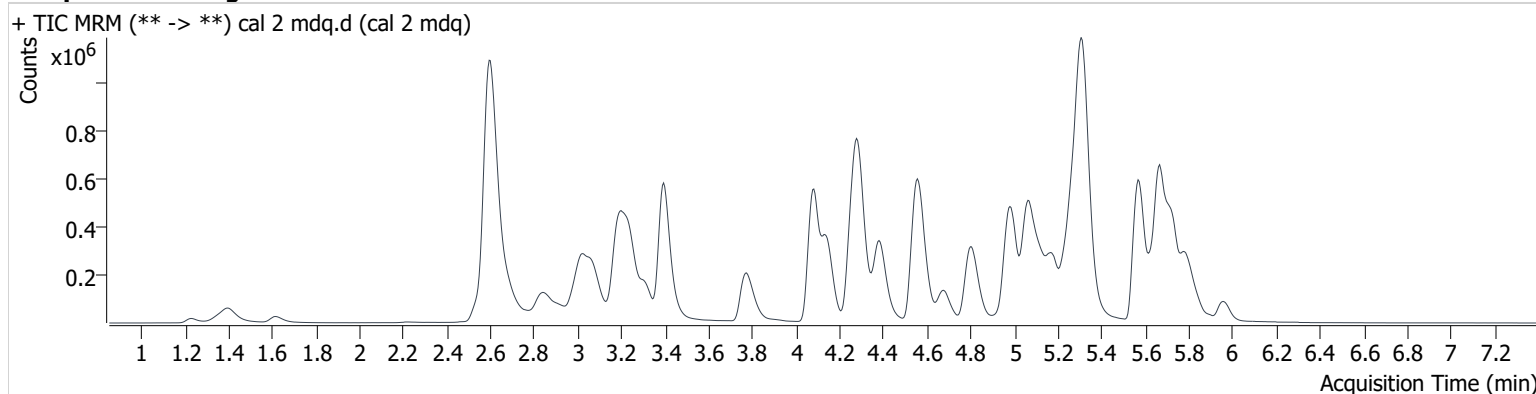
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	cal 2 mdq.d
Type	Cal	Sample	cal 2 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-B1	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 1:01:00 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.160	3088	19031.2	149.8	7415.8	89797	0.969 ng/ml
7-aminoclonazepam	4.308	37251	59780.7	72.6	234478.1	136688	9.974 ng/ml
a-hydroxyalprazolam	5.712	3432	∞	53.9	4258.5	214732	10.438 ng/ml
alpha-PHP	4.961	154680	977791.0	39.9	41361.7	1019333	10.090 ng/ml
alpha-PVP	4.392	204001	∞	52.2	17445.0	883235	9.818 ng/ml
Alprazolam	5.786	65503	∞	84.1	∞	240766	10.203 ng/ml
Amphetamine	3.078	318051	8441.8	44.8	5858.8	562848	10.361 ng/ml
Benzoylcegonine	3.926	3288	11343.4	20.2	∞	11265	10.008 ng/ml
Buprenorphine	5.840	2796	5087.5	13.7	530.6	95757	1.350 ng/ml
Bupropion	4.821	208803	628926.3	68.0	9779.2	1019333	9.754 ng/ml
Carisoprodol	5.746	52693	∞	55.5	2864.5	199568	10.122 ng/ml
Citalopram	5.248	157592	3443.6	40.4	80462.2	712728	10.067 ng/ml
Clonazepam	5.639	8027	∞	30.5	6752.6	14108	9.889 ng/ml
Clonazepam	5.586	15517	321083.1	38.3	9410.1	240766	10.192 ng/ml
Cocaine	4.291	154932	2597257.6	45.4	97450.2	1310109	9.991 ng/ml
Codeine	2.613	23794	30174.4	87.3	∞	110648	10.630 ng/ml
Cyclobenzaprine	5.641	188789	143751.6	10.3	∞	664200	9.937 ng/ml
Dextromethorphan	5.292	121260	4173.2	74.9	∞	565215	9.793 ng/ml
Dextrophan	4.144	146243	728811.0	46.2	∞	818348	9.681 ng/ml
Diazepam	5.963	42529	5228.3	94.2	∞	214732	9.408 ng/ml
Dihydrocodeine	2.577	61116	31501.7	56.7	3708.3	354557	10.445 ng/ml
Diphenhydramine	5.324	513790	25773.3	31.5	124625.1	2621797	9.553 ng/ml
Doxylamine	4.571	456657	1292751.6	80.8	15866.2	1836007	9.913 ng/ml
EDDP	5.286	207414	∞	43.7	134352.4	1016592	9.845 ng/ml
Etizolam	5.831	31754	∞	25.1	∞	214732	9.946 ng/ml
Fentanyl	5.139	16524	∞	132.8	97007.8	786024	0.999 ng/ml
Flualprazolam	5.727	32076	2358.0	95.9	8133.6	240766	10.203 ng/ml
Fluoxetine	5.723	194908	231854.5	7.1	45183.8	742741	9.969 ng/ml
Hydrocodone	3.054	68843	∞	35.3	440.3	762872	10.333 ng/ml
Hydromorphone	1.618	66062	1961.5	71.3	3445.3	14621	10.555 ng/ml
Ketamine	4.088	137985	16941.7	38.7	836.8	713106	9.881 ng/ml
Lamotrigine	4.319	13437	19609.9	86.2	25111.1	590869	9.894 ng/ml
Levetiracetam	2.687	71366	7218.2	221.4	6087.3	562848	10.009 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	2342	∞	41.3	∞	10695	10.385 ng/ml
MDA	3.225	174826	10390.7	26.4	1005.3	590869	10.217 ng/ml
MDMA	3.318	146846	∞	99.8	10819.3	167504	9.878 ng/ml
Meprobamate	4.941	19466	47758.7	29.1	239.2	68343	10.617 ng/ml
Methadone	5.676	271489	2427.5	53.6	5284.5	1371275	9.799 ng/ml
Methamphetamine	3.247	173398	744.7	243.5	∞	1313291	10.865 ng/ml
Metoprolol	4.349	44981	163661.2	96.6	6497.6	3887777	10.069 ng/ml
Mirtazapine	4.680	319109	∞	48.0	∞	1371275	9.826 ng/ml
Mitragynine	5.273	62677	266621.3	32.2	∞	742741	9.632 ng/ml
Morphine	1.231	11690	∞	18.3	14060.9	14621	10.088 ng/ml
Norbuprenorphine	5.019	178	928.0			14235	0.847 ng/ml
Nordiazepam	5.912	9426	58282.7	62.6	13352.6	32341	10.797 ng/ml
Norfentanyl	4.103	10462	557.2	35.2	10282.1	1250353	1.020 ng/ml
Norhydrocodone	3.095	1630	∞	380.4	∞	169951	9.220 ng/ml
Noroxycodone	2.936	47403	1488.6	44.7	∞	173390	10.115 ng/ml
O-desmethyl-tramadol	3.399	353208	∞	6.1	∞	1761590	9.843 ng/ml
Oxazepam	5.781	2868	∞	80.5	∞	10695	10.088 ng/ml
Oxycodone	2.863	122347	∞	28.1	∞	497472	9.969 ng/ml
Oxymorphone	1.399	72700	∞	43.6	∞	300754	9.974 ng/ml
Phentermine	3.806	62915	341.5	9.4	225.1	775591	10.223 ng/ml
Promethazine	5.568	238609	∞	39.0	3106.8	1258244	9.697 ng/ml
Pseudoephedrine	2.605	817651	11830.0	25.1	16962.3	3887777	9.707 ng/ml
Quetiapine	5.591	241699	335944.9	57.8	235511.5	345091	9.907 ng/ml
Sertraline	5.786	61443	86705.7	98.5	53938.1	271705	9.619 ng/ml
Temazepam	5.838	28762	26513.5	31.7	565.9	132441	9.905 ng/ml
Tramadol	4.272	328840	214804.4	3.4	630.5	1522082	9.905 ng/ml
Trazodone	5.237	192275	∞	77.1	∞	923252	10.387 ng/ml
Venlafaxine	5.068	250670	412031.2	40.2	3267.7	1616177	9.737 ng/ml
Zolpidem	4.999	329363	∞	30.6	4825529.0	1501074	9.700 ng/ml

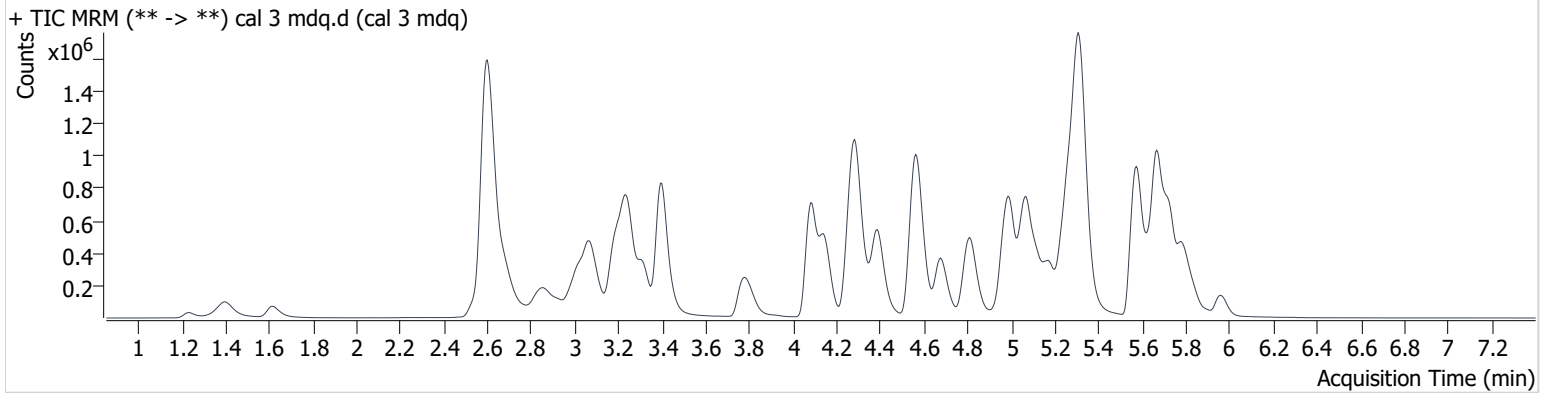
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	cal 3 mdq.d
Type	Cal	Sample	cal 3 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-C1	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 1:10:02 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	8789	29601.2	145.2	50056.0	100009	2.419 ng/ml
7-aminoclonazepam	4.308	102241	22899.8	73.1	29506.8	148114	24.999 ng/ml
a-hydroxyalprazolam	5.717	8896	∞	46.4	3138.0	236792	26.577 ng/ml
alpha-PHP	4.961	434269	758932.0	40.1	61374.5	1169626	25.753 ng/ml
alpha-PVP	4.398	584546	88808.0	51.7	21590.9	1000754	24.544 ng/ml
Alprazolam	5.791	172864	5353.4	86.6	∞	259588	24.648 ng/ml
Amphetamine	3.078	845603	9982.3	45.0	6539.1	615338	27.173 ng/ml
Benzoylcegonine	3.916	8849	11678.6	16.5	∞	13075	23.879 ng/ml
Buprenorphine	5.840	7216	59717.8	17.0	3212.1	103400	2.540 ng/ml
Bupropion	4.821	594147	622782.1	67.0	13203.0	1169626	23.929 ng/ml
Carisoprodol	5.746	139133	∞	57.3	2212.5	221217	24.216 ng/ml
Citalopram	5.248	426734	7857.2	42.8	661440.6	795872	24.357 ng/ml
Clonazepam	5.639	21506	∞	31.2	11034.4	14928	25.985 ng/ml
Clonazepam	5.586	43024	121553.5	39.0	∞	259588	25.777 ng/ml
Cocaine	4.291	420310	∞	46.3	921011.2	1492982	23.982 ng/ml
Codeine	2.613	61859	9107.2	88.0	42626.9	120840	26.511 ng/ml
Cyclobenzaprine	5.641	530074	8335.6	10.0	1412.2	756870	24.563 ng/ml
Dextromethorphan	5.292	330050	5848.7	74.8	∞	617385	24.592 ng/ml
Dextrophan	4.149	405104	∞	45.7	∞	911750	24.017 ng/ml
Diazepam	5.963	122086	6140.1	88.9	∞	236792	24.434 ng/ml
Dihydrocodeine	2.577	160323	995.3	58.9	8668.7	395892	25.732 ng/ml
Diphenhydramine	5.324	1444746	∞	30.3	79854.2	2865005	23.996 ng/ml
Doxylamine	4.571	1301910	2986814.0	80.5	103538.1	2162512	23.731 ng/ml
EDDP	5.286	566035	293776.9	43.6	467357.8	1120942	24.468 ng/ml
Etizolam	5.831	89454	∞	24.4	35351.2	236792	26.473 ng/ml
Fentanyl	5.139	45013	90111.8	138.0	94358.7	889799	2.382 ng/ml
Flualprazolam	5.727	86407	5917.2	94.4	∞	259588	25.042 ng/ml
Fluoxetine	5.723	525285	∞	7.3	48941.9	846798	23.933 ng/ml
Hydrocodone	3.054	183177	∞	36.6	∞	870601	24.467 ng/ml
Hydromorphone	1.618	175261	1887.3	74.1	1491.2	16443	24.659 ng/ml
Ketamine	4.093	388556	∞	39.3	9977.3	819913	24.840 ng/ml
Lamotrigine	4.324	37520	30748.8	86.3	∞	642376	25.663 ng/ml
Levetiracetam	2.687	196424	7389.3	221.4	15680.4	615338	24.600 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.759	5418	∞	56.9	190.9	12362	21.429 ng/ml
MDA	3.225	464304	39323.5	26.0	6217.2	642376	26.135 ng/ml
MDMA	3.317	406850	93748.6	99.2	23195.3	187658	24.313 ng/ml
Meprobamate	4.946	51596	∞	29.8	2923.0	77396	25.679 ng/ml
Methadone	5.676	782717	143642.1	54.2	183913.7	1635677	23.223 ng/ml
Methamphetamine	3.247	409693	1949.2	240.9	7283.9	1484565	26.182 ng/ml
Metoprolol	4.349	128196	282013.4	94.7	∞	4328935	27.103 ng/ml
Mirtazapine	4.675	917759	2777339.1	48.0	446961.6	1635677	23.318 ng/ml
Mitragynine	5.273	176411	3322.0	31.8	17433.0	846798	23.310 ng/ml
Morphine	1.236	32348	∞	16.8	∞	16443	24.955 ng/ml
Norbuprenorphine	5.029	702	2267.4	98.0	1897.9	15487	2.529 ng/ml
Nordiazepam	5.907	24363	83211.4	66.6	∞	37841	23.844 ng/ml
Norfentanyl	4.109	28176	1395.2	35.5	150622.5	1399813	2.513 ng/ml
Norhydrocodone	3.085	5336	∞	420.7	∞	189688	22.696 ng/ml
Noroxycodone	2.936	130815	∞	44.9	∞	193574	25.195 ng/ml
O-desmethyl-tramadol	3.399	1002931	587007.1	6.2	8133.9	2024200	24.318 ng/ml
Oxazepam	5.776	7692	∞	69.7	71.2	12362	23.239 ng/ml
Oxycodone	2.868	339082	∞	29.0	∞	567297	24.384 ng/ml
Oxymorphone	1.399	198010	∞	43.6	∞	333538	24.898 ng/ml
Phentermine	3.806	175877	1092.4	8.7	2198.5	862363	26.615 ng/ml
Promethazine	5.568	658585	∞	38.3	7805.4	1409162	23.521 ng/ml
Pseudoephedrine	2.605	2258666	403118.0	25.0	111902.9	4328935	23.715 ng/ml
Quetiapine	5.586	673241	579126.3	61.1	1738171.1	376832	25.353 ng/ml
Sertraline	5.786	180129	980292.1	91.5	267545.6	305868	25.022 ng/ml
Temazepam	5.838	79155	7734.4	29.1	274.7	141710	25.001 ng/ml
Tramadol	4.272	925673	1756620.9	3.5	∞	1723711	25.213 ng/ml
Trazodone	5.242	538870	∞	77.3	∞	1056137	26.756 ng/ml
Venlafaxine	5.068	708681	32337554.4	39.3	5729.8	1830693	23.463 ng/ml
Zolpidem	4.999	927957	∞	29.8	721198.9	1718738	23.688 ng/ml

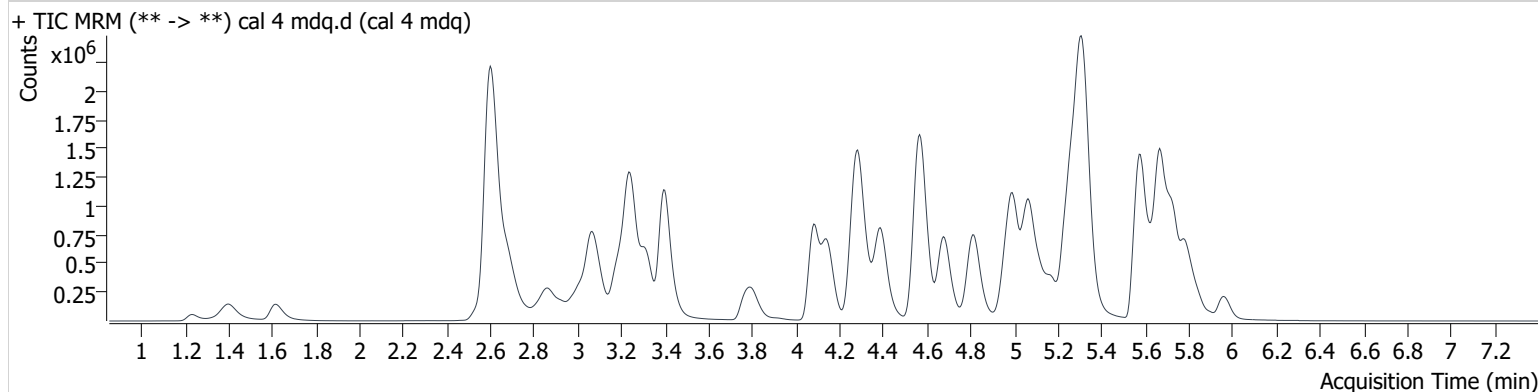
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	cal 4 mdq.d
Type	Cal	Sample	cal 4 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-D1	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 1:19:04 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	18619	69456.4	138.9	52488.7	95809	5.307 ng/ml
7-aminoclonazepam	4.308	204374	15861.4	74.0	112310.8	140262	52.577 ng/ml
a-hydroxyalprazolam	5.722	17699	∞	54.4	∞	237411	54.221 ng/ml
alpha-PHP	4.961	911161	36042.5	39.7	2270112.3	1149552	55.813 ng/ml
alpha-PVP	4.392	1200910	157882.9	52.9	65275.0	976638	51.465 ng/ml
Alprazolam	5.786	356532	∞	84.0	39463.0	251840	52.148 ng/ml
Amphetamine	3.073	1670566	16250.5	45.0	13868.2	602465	56.233 ng/ml
Benzoylcegonine	3.916	19137	290456.5	17.9	∞	13187	51.782 ng/ml
Buprenorphine	5.845	14892	89404.7	14.6	3823.6	95608	5.060 ng/ml
Bupropion	4.821	1254994	293636.9	68.0	16094.4	1149552	51.224 ng/ml
Carisoprodol	5.746	283752	1700341.7	56.1	5569.9	207747	52.679 ng/ml
Citalopram	5.248	856819	70586.6	42.3	∞	756943	51.378 ng/ml
Clonazepam	5.634	41555	3619.7	33.9	22197.7	14123	53.720 ng/ml
Clonazepam	5.581	86886	80484.4	41.1	92892.5	251840	53.361 ng/ml
Cocaine	4.291	869030	3665836.0	45.7	405637.3	1427273	52.034 ng/ml
Codeine	2.613	121200	6606225.3	90.9	∞	115866	55.084 ng/ml
Cyclobenzaprine	5.641	1101023	1680611.0	10.0	∞	740223	52.226 ng/ml
Dextromethorphan	5.292	683350	22590.5	74.9	963541.1	605337	52.072 ng/ml
Dextrophan	4.144	874070	∞	45.2	649970.4	902810	52.292 ng/ml
Diazepam	5.963	261124	∞	87.4	2528.1	237411	52.084 ng/ml
Dihydrocodeine	2.572	332051	7481.3	58.6	4508.8	397143	54.067 ng/ml
Diphenhydramine	5.324	2976056	71164.3	30.3	∞	2730962	51.425 ng/ml
Doxylamine	4.571	2817704	∞	80.3	∞	2134840	51.807 ng/ml
EDDP	5.281	1208445	42296.6	43.2	∞	1131343	51.834 ng/ml
Etizolam	5.831	177508	∞	24.1	99384.3	237411	53.065 ng/ml
Fentanyl	5.144	99231	∞	133.5	92111.8	899856	5.175 ng/ml
Flualprazolam	5.727	176006	∞	99.7	6462.1	251840	52.247 ng/ml
Fluoxetine	5.723	1083761	1393333.9	7.4	229909.6	811699	51.824 ng/ml
Hydrocodone	3.049	396554	∞	36.9	∞	864170	53.693 ng/ml
Hydromorphone	1.618	359203	2812.1	76.2	3456.3	16280	50.854 ng/ml
Ketamine	4.093	807148	∞	39.1	37520.3	800955	53.320 ng/ml
Lamotrigine	4.319	75472	73279.4	87.6	∞	593632	56.048 ng/ml
Levetiracetam	2.686	409883	5409.5	221.0	14977.2	602465	51.984 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	12175	∞	45.9	11831.7	10853	55.856 ng/ml
MDA	3.225	907896	18959.8	26.2	13437.9	593632	56.212 ng/ml
MDMA	3.317	839591	∞	100.0	87553.1	182399	51.532 ng/ml
Meprobamate	4.946	110399	∞	30.0	1006.7	78535	54.834 ng/ml
Methadone	5.676	1702972	91250.5	51.4	659265.5	1576759	52.005 ng/ml
Methamphetamine	3.246	809010	8993.1	249.4	∞	1465424	55.565 ng/ml
Metoprolol	4.349	254669	644864.1	94.5	∞	4136055	57.273 ng/ml
Mirtazapine	4.675	1899717	19040385.2	48.1	∞	1576759	49.769 ng/ml
Mitragynine	5.273	356334	9782.8	32.2	79751.1	811699	48.768 ng/ml
Morphine	1.236	68351	∞	16.6	17889.0	16280	53.360 ng/ml
Norbuprenorphine	5.024	1466	1524.5	101.9	4446.8	15529	5.043 ng/ml
Nordiazepam	5.912	52598	∞	63.3	193749.1	36798	52.932 ng/ml
Norfentanyl	4.103	57977	3203.5	34.8	∞	1347077	5.423 ng/ml
Norhydrocodone	3.095	12017	∞	389.4	∞	187110	48.937 ng/ml
Noroxycodone	2.936	266735	∞	44.6	4340.9	186582	53.442 ng/ml
O-desmethyl-tramadol	3.399	2098435	578097.3	6.1	15848.6	1999625	51.503 ng/ml
Oxazepam	5.776	16430	∞	67.6	∞	10853	56.357 ng/ml
Oxycodone	2.863	717357	∞	28.8	∞	555969	52.765 ng/ml
Oxymorphone	1.399	402986	∞	44.0	∞	321557	52.869 ng/ml
Phentermine	3.806	356291	1822.4	8.7	1097.5	849765	55.351 ng/ml
Promethazine	5.568	1425818	∞	39.0	18802.0	1394647	51.146 ng/ml
Pseudoephedrine	2.605	4666511	∞	24.8	∞	4136055	50.994 ng/ml
Quetiapine	5.586	1381240	930947.7	60.2	∞	369038	53.170 ng/ml
Sertraline	5.786	355065	1658899.1	94.3	993161.8	292337	51.587 ng/ml
Temazepam	5.838	151584	25718.6	31.6	423.7	130977	51.477 ng/ml
Tramadol	4.272	1921088	101387.4	3.5	2086.9	1702600	53.413 ng/ml
Trazodone	5.237	1081466	88278.9	78.5	∞	1071716	53.800 ng/ml
Venlafaxine	5.068	1495481	507385.9	40.0	14871.6	1817618	49.237 ng/ml
Zolpidem	4.999	1943229	∞	30.5	∞	1691594	50.260 ng/ml

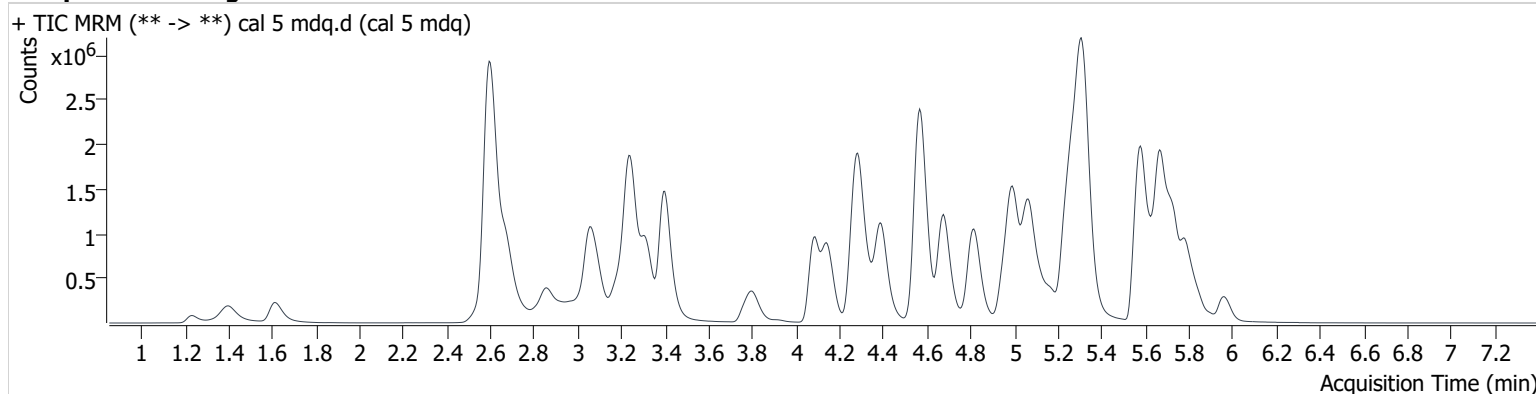
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-E1	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 1:28:06 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	30418	220879.4	136.1	61693.1	82050	10.090 ng/ml
7-aminoclonazepam	4.308	313707	386706.6	75.0	81053.5	112430	100.524 ng/ml
a-hydroxyalprazolam	5.717	27862	1750.7	52.2	1845.1	204182	100.496 ng/ml
alpha-PHP	4.961	1489093	41481.4	39.9	46370.4	1004185	105.059 ng/ml
alpha-PVP	4.392	1987097	62913.4	52.5	71447.6	844134	98.354 ng/ml
Alprazolam	5.791	553030	1422.6	86.4	6168.5	201230	101.020 ng/ml
Amphetamine	3.068	2663901	35094.8	44.1	14288.8	514983	106.096 ng/ml
Benzoylcegonine	3.921	34281	115963.4	16.1	10751.5	12462	98.615 ng/ml
Buprenorphine	5.845	24580	∞	16.1	11179.9	81525	9.333 ng/ml
Bupropion	4.821	2088433	238452.1	67.5	35348.2	1004185	97.423 ng/ml
Carisoprodol	5.746	441358	437065.5	55.4	5598.9	169419	100.546 ng/ml
Citalopram	5.243	1348858	18166.3	42.6	2205862.6	615792	99.386 ng/ml
Clonazepam	5.639	69185	313747.4	32.6	25502.3	12532	101.328 ng/ml
Clonazepam	5.581	140688	∞	38.8	84450.1	201230	107.851 ng/ml
Cocaine	4.286	1424229	209967.2	45.5	653709.7	1212648	100.503 ng/ml
Codeine	2.603	186625	25740.0	88.2	8670.3	93733	105.636 ng/ml
Cyclobenzaprine	5.641	1759102	36931.0	10.0	∞	615368	100.420 ng/ml
Dextromethorphan	5.292	1055397	202259.4	74.9	296926.8	490969	99.271 ng/ml
Dextrophan	4.144	1400026	58586.6	45.0	5584888.3	756168	99.968 ng/ml
Diazepam	5.963	435186	3418.8	87.1	4206.5	204182	100.895 ng/ml
Dihydrocodeine	2.562	536400	1526.9	58.7	642.0	338678	103.209 ng/ml
Diphenhydramine	5.324	4785488	1126178.6	30.8	114024.9	2290456	98.253 ng/ml
Doxylamine	4.566	4691444	∞	81.5	65054.0	1827789	100.574 ng/ml
EDDP	5.281	1908028	229149.6	43.4	∞	915617	101.190 ng/ml
Etizolam	5.831	288070	∞	24.7	∞	204182	100.738 ng/ml
Fentanyl	5.139	165342	18062.8	138.5	786311.4	778062	9.958 ng/ml
Flualprazolam	5.727	285515	2509438.6	94.5	10020.9	201230	105.760 ng/ml
Fluoxetine	5.723	1672758	∞	7.5	162622.2	638070	102.014 ng/ml
Hydrocodone	3.049	627963	∞	38.2	∞	746169	98.707 ng/ml
Hydromorphone	1.613	608314	5354.2	71.4	10551.5	13824	101.249 ng/ml
Ketamine	4.088	1334065	125451.1	39.4	14313.8	696388	101.758 ng/ml
Lamotrigine	4.319	110158	49769.9	93.7	681399.4	486588	99.929 ng/ml
Levetiracetam	2.676	696718	38130.6	222.0	96174.5	514983	102.983 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	19577	1937.4	44.7	530.4	10150	96.495 ng/ml
MDA	3.220	1399313	124791.9	25.8	10156.1	486588	106.416 ng/ml
MDMA	3.317	1371724	1145667.0	99.2	69845.7	157102	97.680 ng/ml
Meprobamate	4.941	178535	∞	30.3	2874.8	68645	101.980 ng/ml
Methadone	5.676	2722985	173019.1	52.3	57551.0	1338337	97.680 ng/ml
Methamphetamine	3.246	1287110	5756.3	248.2	15473.3	1283175	103.560 ng/ml
Metoprolol	4.349	401018	1842785.5	95.4	∞	3483745	107.814 ng/ml
Mirtazapine	4.675	3141356	259589.1	47.4	∞	1338337	96.708 ng/ml
Mitragynine	5.268	560535	2608.4	33.5	94371.5	638070	97.271 ng/ml
Morphine	1.231	107878	45266.5	17.2	∞	13824	99.261 ng/ml
Norbuprenorphine	5.014	2312	77482.1	97.7	9157.1	12510	9.673 ng/ml
Nordiazepam	5.912	87354	∞	65.6	297738.2	32297	100.154 ng/ml
Norfentanyl	4.109	93133	5805.4	35.4	92882.3	1146858	10.269 ng/ml
Norhydrocodone	3.090	20405	∞	385.3	∞	158000	96.135 ng/ml
Noroxycodone	2.931	426709	∞	38.6	∞	156615	101.970 ng/ml
O-desmethyl-tramadol	3.399	3512069	665097.9	6.1	57118.0	1723355	100.015 ng/ml
Oxazepam	5.771	26594	1268.0	67.3	581.6	10150	97.442 ng/ml
Oxycodone	2.858	1174147	∞	28.9	∞	478404	100.466 ng/ml
Oxymorphone	1.399	638775	∞	43.6	∞	264814	102.016 ng/ml
Phentermine	3.806	575319	2623.4	8.7	2652.2	729485	104.646 ng/ml
Promethazine	5.568	2331698	115529.1	38.3	99528.1	1166570	99.747 ng/ml
Pseudoephedrine	2.603	7570399	∞	24.8	∞	3483745	97.987 ng/ml
Quetiapine	5.591	2173676	1012253.9	61.8	3983676.6	311376	99.215 ng/ml
Sertraline	5.786	556575	716838.2	94.6	∞	233057	101.416 ng/ml
Temazepam	5.838	243973	7008.7	30.6	3103.5	109090	99.193 ng/ml
Tramadol	4.272	3160777	79346.1	3.5	∞	1489509	100.805 ng/ml
Trazodone	5.237	1710724	59689.6	79.5	5235455.0	933200	98.473 ng/ml
Venlafaxine	5.068	2518428	544921.4	39.5	30566.3	1554344	96.417 ng/ml
Zolpidem	4.999	3227747	399642.1	30.4	∞	1425938	98.916 ng/ml

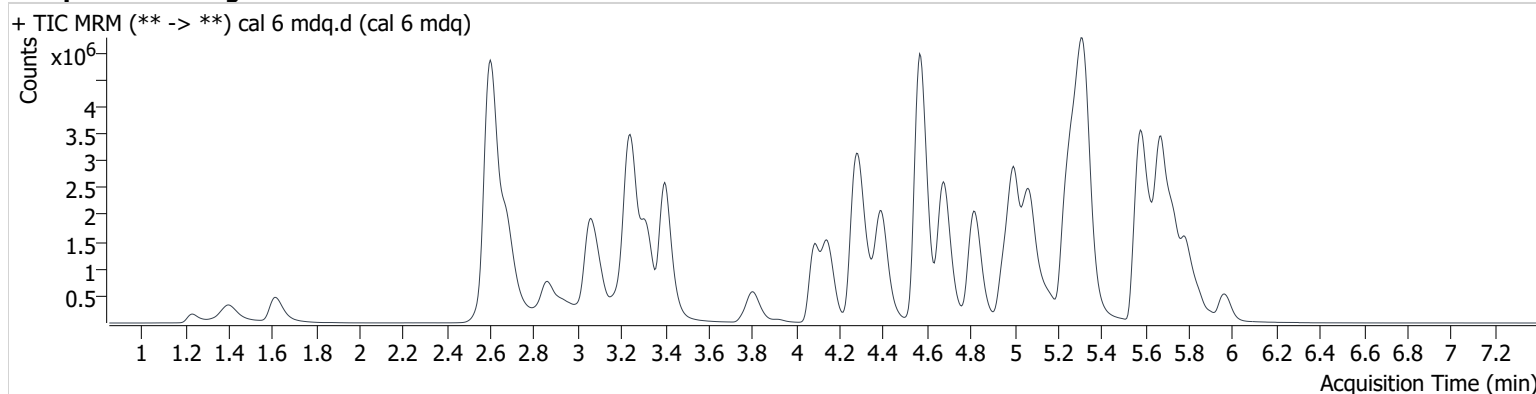
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-F1	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 1:37:09 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	64592	146376.2	139.6	456780.8	71548	24.520 ng/ml
7-aminoclonazepam	4.308	534746	96364.9	77.2	∞	81025	237.535 ng/ml
a-hydroxyalprazolam	5.722	49753	898.8	55.0	∞	175045	210.962 ng/ml
alpha-PHP	4.961	3151444	59157.7	39.3	88543.5	903833	248.024 ng/ml
alpha-PVP	4.392	4332802	7735842.0	53.2	235350.8	740727	244.121 ng/ml
Alprazolam	5.786	1062474	∞	87.8	2689.4	161802	241.058 ng/ml
Amphetamine	3.068	5061980	52136.4	44.5	116361.5	454138	230.209 ng/ml
Benzoylcegonine	3.921	80300	346033.4	16.7	∞	11185	258.183 ng/ml
Buprenorphine	5.850	49145	104296.6	17.1	9999.1	63024	23.354 ng/ml
Bupropion	4.821	4778313	6127382.6	65.3	130614.3	903833	247.380 ng/ml
Carisoprodol	5.746	759665	1126907.4	57.1	6652.3	120411	243.604 ng/ml
Citalopram	5.243	2612752	50813.4	42.4	2639213.0	471753	251.233 ng/ml
Clonazepam	5.634	134719	∞	33.6	106201.8	10016	247.767 ng/ml
Clonazepam	5.586	264398	181855.6	38.9	27694.3	161802	251.708 ng/ml
Cocaine	4.291	2920670	∞	45.7	147380.1	1016023	246.194 ng/ml
Codeine	2.608	344853	∞	93.1	80348.4	77218	238.031 ng/ml
Cyclobenzaprine	5.641	3516868	9507831.1	9.7	21416.2	495480	249.420 ng/ml
Dextromethorphan	5.292	2063137	57835.6	74.1	510891.4	391256	243.700 ng/ml
Dextrophan	4.149	2994638	∞	45.1	153601.0	662278	244.094 ng/ml
Diazepam	5.963	929099	30862.0	87.3	18437.5	175045	251.206 ng/ml
Dihydrocodeine	2.562	1093211	14127.4	59.4	1759.9	301706	237.258 ng/ml
Diphenhydramine	5.324	9603413	811996.4	30.3	1057209.4	1810789	248.830 ng/ml
Doxylamine	4.566	10618339	∞	81.9	394192.6	1680039	247.383 ng/ml
EDDP	5.286	4120908	∞	44.1	∞	824175	242.891 ng/ml
Etizolam	5.831	609367	143876.8	24.1	∞	175045	249.572 ng/ml
Fentanyl	5.139	376976	1659387.8	134.3	1313870.0	720689	24.489 ng/ml
Flualprazolam	5.727	534941	8785.3	96.2	∞	161802	246.036 ng/ml
Fluoxetine	5.728	2997266	∞	7.7	2011270.2	474942	245.952 ng/ml
Hydrocodone	3.049	1389914	∞	37.8	∞	663133	246.250 ng/ml
Hydromorphone	1.618	1322560	8705.1	71.9	2163.5	12202	249.121 ng/ml
Ketamine	4.088	2870779	355721.4	39.1	19691.8	611351	250.074 ng/ml
Lamotrigine	4.319	214059	875399.0	87.0	77047.1	378140	250.113 ng/ml
Levetiracetam	2.681	1522943	58639.5	221.2	118478.1	454138	254.685 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	40270	∞	47.0	20468.1	8664	233.450 ng/ml
MDA	3.215	2544641	81639.3	26.1	15739.5	378140	250.109 ng/ml
MDMA	3.317	2904703	203223.2	98.1	246157.6	132559	245.020 ng/ml
Meprobamate	4.941	361561	286732.3	28.5	176551.6	59259	240.071 ng/ml
Methadone	5.676	5965331	1066206.4	50.4	842962.4	1161585	246.056 ng/ml
Methamphetamine	3.247	2633179	16470.1	253.0	42197.7	1181745	233.939 ng/ml
Metoprolol	4.349	743258	1629715.4	96.2	∞	2840943	246.125 ng/ml
Mirtazapine	4.679	7010895	166813.8	47.2	5356418.9	1161585	248.261 ng/ml
Mitragynine	5.273	1104402	27436.3	32.8	19476.4	474942	256.949 ng/ml
Morphine	1.236	242087	∞	16.4	∞	12202	252.486 ng/ml
Norbuprenorphine	5.024	4588	10878.2	99.3	8390.7	10535	22.516 ng/ml
Nordiazepam	5.912	190446	∞	64.3	∞	28415	248.175 ng/ml
Norfentanyl	4.109	184678	11270.8	35.1	106755.5	960039	24.383 ng/ml
Norhydrocodone	3.090	45882	∞	363.9	∞	133577	251.963 ng/ml
Noroxycodone	2.936	876736	∞	44.0	13668.8	134898	243.422 ng/ml
O-desmethyl-tramadol	3.399	7690813	438804.8	6.1	261349.0	1551169	243.322 ng/ml
Oxazepam	5.771	52045	5501.2	74.4	14965.9	8664	223.239 ng/ml
Oxycodone	2.858	2631597	∞	28.8	∞	437690	246.276 ng/ml
Oxymorphone	1.399	1338553	∞	43.3	∞	229186	247.400 ng/ml
Phentermine	3.806	1191233	80025.8	8.1	10623.3	643527	246.428 ng/ml
Promethazine	5.568	5090740	∞	37.8	∞	1022033	248.190 ng/ml
Pseudoephedrine	2.600	15645046	∞	24.3	∞	2840943	247.940 ng/ml
Quetiapine	5.591	4223000	7351503.8	62.3	∞	248423	241.676 ng/ml
Sertraline	5.786	1023489	2187077.3	94.9	5453487.0	177915	244.270 ng/ml
Temazepam	5.843	475119	5745.8	30.9	2657.4	84122	250.045 ng/ml
Tramadol	4.267	6766900	443980.5	3.4	30953.4	1320053	244.081 ng/ml
Trazodone	5.232	3476468	5179380.8	77.5	∞	864938	216.983 ng/ml
Venlafaxine	5.070	5486872	∞	39.3	40550.9	1338469	243.084 ng/ml
Zolpidem	4.999	7058960	322783.8	29.9	125585.0	1232991	249.987 ng/ml

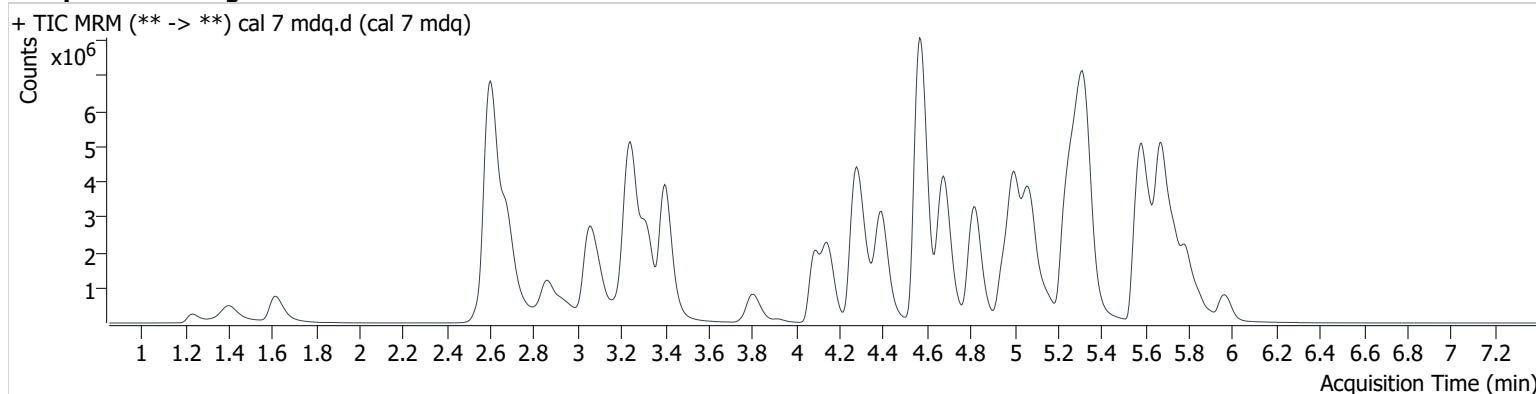
AM #28 Multi-Drug Quant. Results

B. Wylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	cal 7 mdq.d
Type	Cal	Sample	cal 7 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-G1	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 1:46:10 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	106265	225542.5	139.2	951056.5	57837	49.866 ng/ml
7-aminoclonazepam	4.308	689902	20467.0	78.2	18437.4	50107	495.360 ng/ml
a-hydroxyalprazolam	5.717	73133	9479.1	55.9	1699.1	142052	383.343 ng/ml
alpha-PHP	4.956	5035258	∞	39.3	44624.7	749655	478.466 ng/ml
alpha-PVP	4.392	7230246	286464.5	52.9	139684.1	594663	507.230 ng/ml
Alprazolam	5.786	1604825	2805.9	87.4	6543.5	122456	480.874 ng/ml
Amphetamine	3.062	7575161	350795.4	44.7	54812.5	383496	409.028 ng/ml
Benzoylcegonine	3.921	150089	399910.2	16.0	52108.0	11176	483.396 ng/ml
Buprenorphine	5.850	76176	1297040.6	15.9	13755.8	47425	47.584 ng/ml
Bupropion	4.819	8181798	7828182.0	64.6	248817.8	749655	510.511 ng/ml
Carisoprodol	5.751	1032593	8789706.3	57.1	69481.9	83614	476.921 ng/ml
Citalopram	5.243	3744689	124483.9	42.7	200646.7	335593	506.130 ng/ml
Clonazepam	5.634	197034	∞	32.5	∞	7410	490.447 ng/ml
Clonazepam	5.586	368650	∞	38.1	52854.2	122456	463.488 ng/ml
Cocaine	4.290	4547412	6542965.8	45.7	447428.2	782585	497.804 ng/ml
Codeine	2.603	507424	48972.1	92.5	11899.0	59949	451.919 ng/ml
Cyclobenzaprine	5.636	5249492	151145.4	9.7	16962.5	370549	497.874 ng/ml
Dextromethorphan	5.292	2981445	52459.9	74.1	∞	279894	492.420 ng/ml
Dextrophan	4.144	4957224	159966.9	44.8	136735.3	538404	496.994 ng/ml
Diazepam	5.963	1512068	27912.8	86.8	12173.5	142052	503.746 ng/ml
Dihydrocodeine	2.557	1738821	4288.2	59.2	2227.5	253583	449.778 ng/ml
Diphenhydramine	5.329	14426877	206076.1	30.3	223954.6	1346076	502.481 ng/ml
Doxylamine	4.566	18540683	3070001.5	81.9	1430750.3	1405153	516.256 ng/ml
EDDP	5.286	7088334	360467.0	43.1	123592.8	697976	493.405 ng/ml
Etizolam	5.836	940378	∞	24.6	∞	142052	475.213 ng/ml
Fentanyl	5.139	661734	3327725.8	136.4	700804.8	621160	49.859 ng/ml
Flualprazolam	5.727	774305	∞	96.8	3802.0	122456	470.278 ng/ml
Fluoxetine	5.728	4112347	145886.7	7.5	∞	319072	502.584 ng/ml
Hydrocodone	3.049	2375444	∞	37.3	∞	564097	495.027 ng/ml
Hydromorphone	1.618	2199519	3709.7	71.3	5618.3	10320	489.726 ng/ml
Ketamine	4.088	4701058	829766.2	38.8	37215.5	510812	490.534 ng/ml
Lamotrigine	4.324	282968	237586.7	87.8	215049.5	286103	437.107 ng/ml
Levetiracetam	2.676	2584270	257878.2	221.6	304851.4	383496	511.383 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	66670	∞	48.9	∞	6421	522.271 ng/ml
MDA	3.215	3546623	59924.2	26.0	35741.2	286103	461.420 ng/ml
MDMA	3.320	4657538	406156.0	97.9	525156.4	104541	498.093 ng/ml
Meprobamate	4.941	538991	1416044.4	29.3	3134.9	48292	439.665 ng/ml
Methadone	5.676	9952253	282204.2	49.1	132975.6	931215	511.710 ng/ml
Methamphetamine	3.246	4174084	23618.2	254.7	∞	1041843	423.177 ng/ml
Metoprolol	4.349	1045775	∞	96.0	∞	2189940	449.951 ng/ml
Mirtazapine	4.675	11620407	741254.4	46.8	∞	931215	513.001 ng/ml
Mitragynine	5.268	1580912	27298.3	33.9	28658.7	319072	547.134 ng/ml
Morphine	1.236	384824	44679.7	16.9	13722.5	10320	474.663 ng/ml
Norbuprenorphine	5.019	7533	8513.2	92.1	31774.8	7865	49.268 ng/ml
Nordiazepam	5.912	311454	1349987.8	63.9	∞	24038	479.761 ng/ml
Norfentanyl	4.109	277201	35698.4	35.1	∞	743972	47.269 ng/ml
Norhydrocodone	3.095	72436	∞	359.8	∞	104566	505.863 ng/ml
Noroxycodone	2.931	1394291	∞	44.2	∞	106866	488.793 ng/ml
O-desmethyl-tramadol	3.399	13128829	∞	5.9	153318.0	1277641	504.292 ng/ml
Oxazepam	5.771	87756	1256.5	73.8	2686.7	6421	507.712 ng/ml
Oxycodone	2.858	4512305	∞	28.3	∞	375614	492.178 ng/ml
Oxymorphone	1.399	2132490	∞	43.4	∞	183819	491.689 ng/ml
Phentermine	3.806	1941073	20634.5	7.9	6780.3	541798	477.504 ng/ml
Promethazine	5.568	8320452	661043.9	37.0	196796.6	824298	502.692 ng/ml
Pseudoephedrine	2.600	24830339	∞	23.9	∞	2189940	510.223 ng/ml
Quetiapine	5.591	6212955	826661.4	61.4	7479573.3	181042	487.944 ng/ml
Sertraline	5.786	1409638	∞	96.2	629744.1	123393	485.064 ng/ml
Temazepam	5.843	716823	65395.8	30.8	5518.0	64729	489.983 ng/ml
Tramadol	4.271	10758383	474019.9	3.3	25234.5	1097998	466.896 ng/ml
Trazodone	5.233	4979062	153522.1	77.6	179073.6	745025	361.384 ng/ml
Venlafaxine	5.070	9382403	597801.2	38.1	78221.3	1077301	515.805 ng/ml
Zolpidem	5.005	11552954	1185942.2	30.0	291216.0	981320	513.936 ng/ml

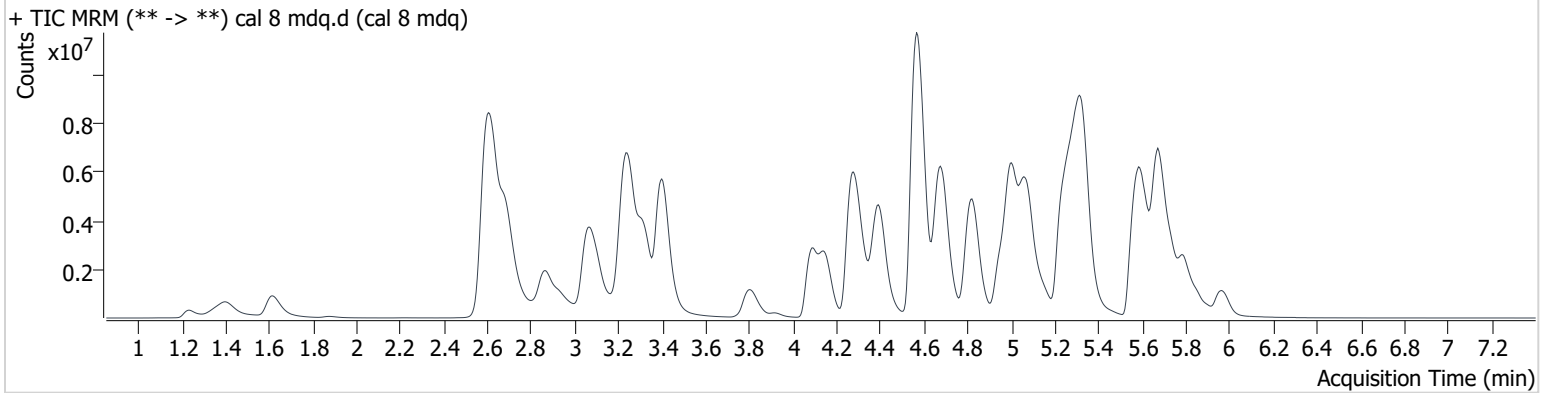
AM #28 Multi-Drug Quant. Results

BWylie

Batch results D:\MassHunter\Data\2021\am 27-28\042921\QuantResults\mdq.batch.bin
Calibration Last Update 4/29/2021 8:41:08 PM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Britany Wylie
Sample Position	P2-H1	Comment	
Injection Volume	3		
Acq. Date-Time	4/29/2021 2:04:08 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	153627	3264617.3	141.7	1976638.1	41713	99.921 ng/ml
7-aminoclonazepam	4.313	756651	26905.8	79.5	11523.5	27000	1008.061 ng/ml
a-hydroxyalprazolam	5.722	97063	∞	55.2	956.3	107611	672.744 ng/ml
alpha-PHP	4.956	7191496	526412.7	39.0	92443.9	590305	868.427 ng/ml
alpha-PVP	4.392	11520406	882060.0	52.6	223541.0	470268	1021.797 ng/ml
Alprazolam	5.791	2173970	5514.4	86.3	∞	77744	1025.805 ng/ml
Amphetamine	3.078	10697989	225542.0	45.4	79776.0	328563	675.122 ng/ml
Benzoylcegonine	3.921	286445	∞	15.9	165318.1	10139	1017.472 ng/ml
Buprenorphine	5.850	115136	∞	15.8	82523.9	29401	115.300 ng/ml
Bupropion	4.821	13110059	18841541.3	63.6	180239.4	590305	1038.652 ng/ml
Carisoprodol	5.746	1189332	1418870.5	54.1	27093.4	44314	1036.558 ng/ml
Citalopram	5.238	4710493	90778.0	43.8	∞	217743	981.221 ng/ml
Clonazepam	5.634	265547	53559.8	32.5	215403.2	5317	921.758 ng/ml
Clonazepam	5.591	452318	4343.1	39.2	3376.2	77744	895.486 ng/ml
Cocaine	4.291	6802616	317034.1	45.2	888127.2	576542	1010.960 ng/ml
Codeine	2.618	658495	50318.2	94.3	15815.2	38388	916.764 ng/ml
Cyclobenzaprine	5.636	6478971	363102.5	9.5	11905.5	232482	979.461 ng/ml
Dextromethorphan	5.292	3000790	83378.2	73.6	∞	134319	1032.899 ng/ml
Dextrophan	4.149	5935768	551397.3	44.7	358507.1	309330	1035.762 ng/ml
Diazepam	5.968	2250083	∞	87.9	21833.1	107611	989.491 ng/ml
Dihydrocodeine	2.567	2201126	1484.0	60.2	3780.5	189938	760.754 ng/ml
Diphenhydramine	5.329	20301792	1161231.6	29.8	55690.5	910187	1045.332 ng/ml
Doxylamine	4.566	28020947	∞	86.4	1478512.5	1112881	984.971 ng/ml
EDDP	5.281	11542857	∞	42.2	84007.8	549072	1021.446 ng/ml
Etizolam	5.836	1413940	∞	24.9	∞	107611	943.877 ng/ml
Fentanyl	5.144	1112775	∞	137.4	4926317.9	503768	103.364 ng/ml
Flualprazolam	5.727	1011712	2085.2	94.0	7939.0	77744	967.548 ng/ml
Fluoxetine	5.728	4511369	7781409.8	7.5	387578.3	176951	994.440 ng/ml
Hydrocodone	3.049	3619343	5172.1	37.6	1721.8	438475	970.609 ng/ml
Hydromorphone	1.618	2720841	4590.4	72.0	8794.3	6381	979.624 ng/ml
Ketamine	4.088	7583734	1411189.4	38.4	260077.2	424433	952.790 ng/ml
Lamotrigine	4.324	333501	22241.1	86.9	26045.3	197579	746.098 ng/ml
Levetiracetam	2.692	3928131	174115.9	222.2	666676.9	328563	906.967 ng/ml

AM #28 Multi-Drug Quant. Results

Boylee

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	98845	∞	46.7	9294.9	4766	1043.895 ng/ml
MDA	3.205	4536307	82253.6	25.8	37158.3	197579	855.300 ng/ml
MDMA	3.319	6898397	384053.8	97.1	417616.8	73719	1046.098 ng/ml
Meprobamate	4.936	717816	∞	28.8	11038.8	38202	740.621 ng/ml
Methadone	5.676	15069913	317180.3	48.0	469135.7	689994	1045.386 ng/ml
Methamphetamine	3.241	5871866	78483.1	261.4	∞	890369	698.636 ng/ml
Metoprolol	4.349	1367389	∞	94.7	27251.4	1539585	837.582 ng/ml
Mirtazapine	4.675	18122334	1598614.1	46.2	7477335.7	689994	1079.440 ng/ml
Mitragynine	5.268	2167722	6553.9	34.7	34008.2	176951	1352.307 ng/ml
Morphine	1.231	493158	∞	17.6	∞	6381	983.923 ng/ml
Norbuprenorphine	5.024	10501	15559.1	88.3	12009.4	4783	112.678 ng/ml
Nordiazepam	5.912	482815	∞	64.8	∞	18057	990.095 ng/ml
Norfentanyl	4.109	375547	20211.9	35.6	∞	495454	96.204 ng/ml
Norhydrocodone	3.095	110046	∞	334.0	∞	69703	1150.034 ng/ml
Noroxycodone	2.936	2065444	∞	44.9	2303.5	81028	955.090 ng/ml
O-desmethyl-tramadol	3.399	21506431	733931.9	5.9	75739.4	1034488	1020.249 ng/ml
Oxazepam	5.776	134947	∞	71.3	1347.6	4766	1051.752 ng/ml
Oxycodone	2.863	7707792	∞	28.2	∞	316733	997.128 ng/ml
Oxymorphone	1.394	3370713	∞	43.6	∞	148819	960.233 ng/ml
Phentermine	3.806	3031277	∞	7.7	∞	473056	854.530 ng/ml
Promethazine	5.563	10611043	1405087.9	35.8	598189.8	504949	1046.248 ng/ml
Pseudoephedrine	2.610	35763909	∞	23.8	∞	1539585	1045.064 ng/ml
Quetiapine	5.596	8163519	∞	61.5	∞	116051	1000.237 ng/ml
Sertraline	5.786	1598951	∞	95.6	∞	66011	1028.474 ng/ml
Temazepam	5.849	1032190	∞	30.5	95942.5	45407	1005.466 ng/ml
Tramadol	4.267	16447962	∞	3.3	18811.9	770508	1017.677 ng/ml
Trazodone	5.226	7107391	410544.6	78.0	954955.0	652397	589.672 ng/ml
Venlafaxine	5.068	15059500	1528449.1	37.6	184947.9	805639	1106.435 ng/ml
Zolpidem	5.004	18553009	2532486.6	29.6	241405.1	782258	1035.233 ng/ml