












Worklist: 5008

REVIEWED
By Brianny Wylie at 2:18 pm, Jun 02, 2021

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-0987	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1019	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1036	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1038	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1079	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1140	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1143	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1146	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
C2021-1148	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1182	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
C2021-1183	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date 5/28/21 Analyst: Anne Nord
Plate lot#: 201207 (part IDP-121) Plate Expiration: 06/07/21

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

Blank Blood Lot: 20K20720 **Urine Blank lot:** 5621

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

LCMS-QQQ ID: 69679

Pre-Analytic:

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

Analytic:

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

Post-Analytic

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

COMMENTS:

Curve limits: amphetamine 5-250, lorazepam 10-1000, oxazepam 10-1000 qualitative only, trazodone 5-250 qualitative only

Hydromorphone- used morphine-D6 as internal standard – report qualitative only.

Alpha-hydroxyalprazolam – used alprazolam-D5 as internal standard – report qualitative only.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1			IS + Cal. 1	IS + QC_1		1079-1				IS + Cal. 8
B	IS + Cal. 2	IS + QC_2		negative blood	IS + Cal. 2	IS + QC_2		1146-3				IS + Cal. 7
C	IS + Cal. 3	qc3		1140-2	IS + Cal. 3	IS + QC_3		1183-1				IS + Cal. 6
D	IS + Cal. 4	IS + QC_4			IS + Cal. 4	IS + QC_4					qc2 urine	IS + Cal. 5
E	IS + Cal. 5	Qc 2 urine		1143-1	IS + Cal. 5	qc2 urine		987-1			IS + QC_4	IS + Cal. 4
F	IS + Cal. 6			1148-1	IS + Cal. 6	1019-1					IS + QC_3	IS + Cal. 3
G	IS + Cal. 7			1182-1	IS + Cal. 7	1036-1					IS + QC_2	IS + Cal. 2
H	IS + Cal. 8			negative urine	IS + Cal. 8	1038-1					IS + QC_1	IS + Cal. 1
					extraction plate column 5, SLE and collection column 6	extraction plate column 6, SLE and collection column 7						

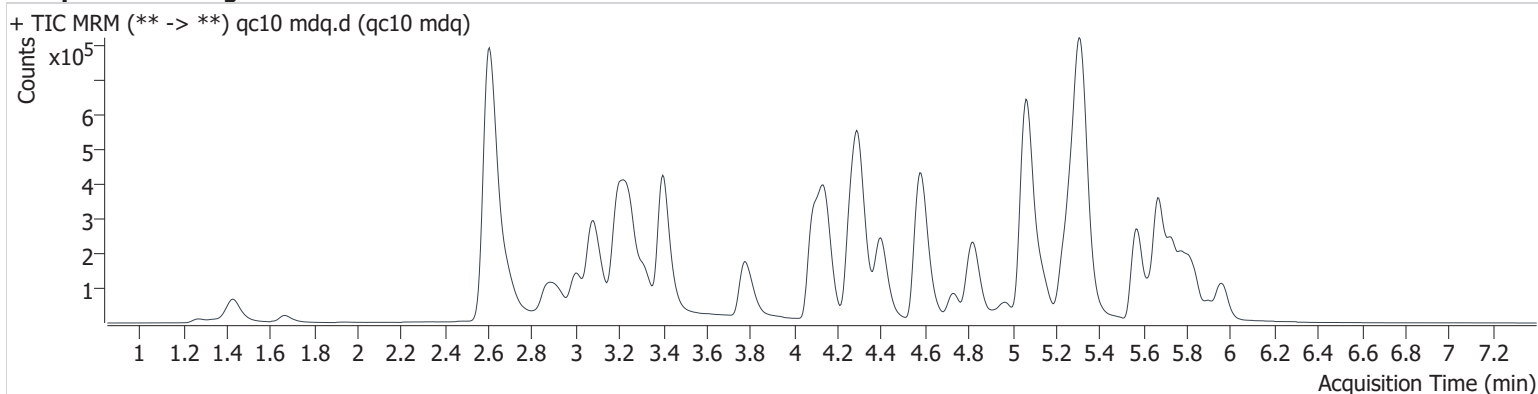


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	qc10 mdq.d
Type	QC	Sample	qc10 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A7	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 2:36:46 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.196	2802	6251.1	153.2	8415.6	76592	0.989 ng/ml
7-aminoclonazepam	4.323	33817	3328.8	73.3	835.3	135318	9.909 ng/ml
a-hydroxyalprazolam	5.717	4299	∞	58.1	∞	264145	11.921 ng/ml
alpha-PHP	4.976	115771	531759.4	39.8	923.2	730953	10.243 ng/ml
alpha-PVP	4.413	150342	11851.7	51.4	10736.6	645699	9.979 ng/ml
Alprazolam	5.796	73009	4289.4	84.4	705.4	264145	10.002 ng/ml
Amphetamine	3.083	274658	∞	44.3	1782.9	513056	9.932 ng/ml
Benzoylcegonine	3.921	2755	3953.5	19.5	551.9	9045	10.323 ng/ml
Buprenorphine	5.762	2412	∞	18.9	774.7	84989	1.001 ng/ml
Bupropion	4.836	150020	11302.2	68.9	3897.1	730953	9.722 ng/ml
Carisoprodol	5.746	60663	∞	55.6	10190.8	226461	10.179 ng/ml
Citalopram	5.253	97645	954.9	40.2	13938.6	458540	9.664 ng/ml
Clonazepam	5.644	13378	∞	31.3	∞	21836	10.572 ng/ml
Clonazepam	5.586	19978	∞	40.5	∞	264145	10.547 ng/ml
Cocaine	4.296	113233	11389.3	47.5	5037.9	984702	9.634 ng/ml
Codeine	2.700	21417	2535.5	81.7	2821.4	96143	10.141 ng/ml
Cyclobenzaprine	5.641	66731	1516.6	9.6	3148.2	235814	10.030 ng/ml
Dextromethorphan	5.297	68448	4856.7	76.4	∞	327612	9.649 ng/ml
Dextrophan	4.154	107365	4073.9	45.0	∞	594026	9.780 ng/ml
Diazepam	5.968	56291	26440.9	88.3	39784.5	265429	9.678 ng/ml
Dihydrocodeine	2.613	45804	526.3	57.6	74.3	265074	10.234 ng/ml
Diphenhydramine	5.323	328945	96542.5	29.9	∞	1670289	9.517 ng/ml
Doxylamine	4.592	329678	9626.8	81.5	∞	1348071	9.728 ng/ml
EDDP	5.286	161948	∞	43.1	457203.4	807055	9.748 ng/ml
Etizolam	5.831	31142	85876.9	24.2	22333.9	265429	8.248 ng/ml
Fentanyl	5.149	6643	331.6	142.9	32184.8	340146	0.936 ng/ml
Flualprazolam	5.727	29856	∞	91.7	2344.2	264145	9.222 ng/ml
Fluoxetine	5.728	50133	15051.8	7.6	15717.1	190959	10.167 ng/ml
Hydrocodone	3.110	54132	∞	34.3	888.8	601254	10.176 ng/ml
Hydromorphone	1.668	47249	1832.4	77.4	3601.4	10069	9.912 ng/ml
Ketamine	4.139	101519	28366.1	37.6	511.4	523136	10.153 ng/ml
Lamotrigine	4.345	10899	1767.0	83.3	∞	549149	9.811 ng/ml
Levetiracetam	2.692	53767	1968.9	226.1	5268.9	2796189	10.128 ng/ml

AM #28 Multi-Drug Quant. Results

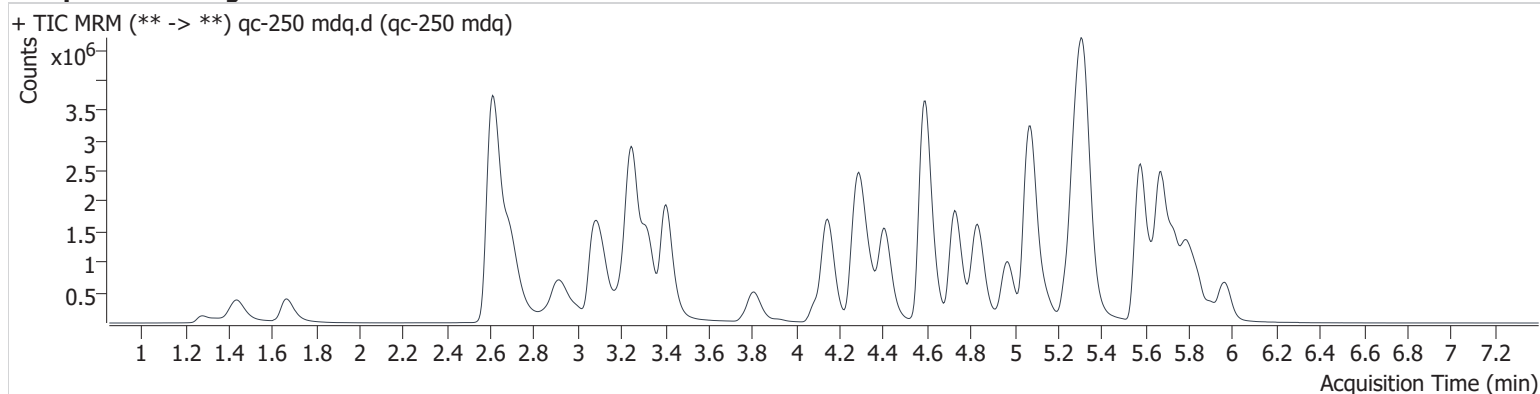
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	6700	∞	49.2	63.0	40432	7.981 ng/ml
MDA	3.230	160811	4100.1	25.2	1489.4	549149	10.319 ng/ml
MDMA	3.323	107094	∞	97.9	∞	118169	10.218 ng/ml
Meprobamate	4.951	21356	∞	31.1	13902.8	73664	10.093 ng/ml
Methadone	5.671	154591	6206.1	56.3	4702.5	816716	9.596 ng/ml
Methamphetamine	3.252	146492	48.2	256.2	46.3	946498	10.634 ng/ml
Metoprolol	4.354	31551	∞	98.3	∞	2796189	10.112 ng/ml
Mirtazapine	4.732	200973	5036.7	48.3	2627.1	816716	9.302 ng/ml
Mitragynine	5.278	31635	31921.0	31.8	61521.5	190959	10.763 ng/ml
Morphine	1.281	7899	∞	16.9	732.0	10069	9.496 ng/ml
Norbuprenorphine	5.040	281	1275.6	100.9	∞	22795	0.532 ng/ml
Nordiazepam	5.912	33118	36682.6	64.3	47247.2	124142	10.045 ng/ml
Norfentanyl	4.114	8808	∞	32.8	∞	1095217	1.011 ng/ml
Norhydrocodone	3.095	1219	∞	437.0	1024.3	117620	9.199 ng/ml
Noroxycodone	2.941	40573	∞	47.8	∞	152942	9.786 ng/ml
O-desmethyl-tramadol	3.404	246270	12425.0	6.0	9142.9	1246734	9.681 ng/ml
Oxazepam	5.776	10978	834.3	77.7	540.4	40432	8.848 ng/ml
Oxycodone	2.904	103079	2997.0	28.9	∞	438555	9.732 ng/ml
Oxymorphone	1.434	72168	38000.6	43.3	∞	295339	10.029 ng/ml
Phentermine	3.811	45200	682.7	11.7	∞	613952	9.550 ng/ml
Promethazine	5.568	84583	8840.0	40.7	2111.4	440017	9.652 ng/ml
Pseudoephedrine	2.615	577414	∞	25.2	5245.1	2796189	9.688 ng/ml
Quetiapine	5.580	147551	3016.3	61.0	82783.4	204974	10.218 ng/ml
Sertraline	5.791	16898	32816.3	89.6	∞	71978	10.076 ng/ml
Temazepam	5.833	57657	3003.2	31.8	88.3	274074	10.023 ng/ml
Tramadol	4.277	249599	15786.8	3.7	210.8	1168799	9.984 ng/ml
Trazodone	5.294	99097	2217.3	78.3	2762.5	484449	9.883 ng/ml
Venlafaxine	5.073	180898	12727.6	41.0	3925.4	1166738	10.030 ng/ml
Zolpidem	5.072	236686	5312.2	31.1	4156.1	1103055	9.615 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	qc-250 mdq.d
Type	QC	Sample	qc-250 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C7	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 2:45:51 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.196	56485	85630.9	142.1	2765.9	64379	25.164 ng/ml
7-aminoclonazepam	4.318	474856	6365.2	74.4	70346.5	82008	235.408 ng/ml
a-hydroxyalprazolam	5.717	62396	31799.5	54.5	6089.0	184645	230.183 ng/ml
alpha-PHP	4.971	2670226	626905.7	39.1	477957.0	678774	252.903 ng/ml
alpha-PVP	4.408	3341370	514910.0	53.3	40189.1	570350	247.201 ng/ml
Alprazolam	5.791	1269082	10684.5	87.0	19976.4	184645	247.714 ng/ml
Amphetamine	3.078	4669451	∞	44.4	19986.6	456635	210.486 ng/ml
Benzoylcegonine	3.921	58733	∞	15.9	21621.2	9104	242.073 ng/ml
Buprenorphine	5.773	52037	62625.2	16.9	28115.2	77117	24.093 ng/ml
Bupropion	4.831	3594069	201071.6	66.0	76217.6	678774	249.617 ng/ml
Carisoprodol	5.746	962229	1868311.8	56.7	19647.6	151018	241.908 ng/ml
Citalopram	5.248	2098384	36114.0	41.7	37357.4	385996	247.432 ng/ml
Clonazepam	5.639	249861	162415.8	31.0	160379.8	16270	261.706 ng/ml
Clonazepam	5.586	323704	∞	39.9	∞	184645	234.214 ng/ml
Cocaine	4.296	2444966	632572.9	45.5	192119.8	825763	250.873 ng/ml
Codeine	2.700	395434	45658.5	87.2	∞	67755	243.166 ng/ml
Cyclobenzaprine	5.641	1982400	106655.4	10.2	550630.5	278471	249.443 ng/ml
Dextromethorphan	5.297	1533877	130488.7	75.1	∞	292130	244.938 ng/ml
Dextrophan	4.154	2289057	216332.8	45.6	2491399.0	500181	247.844 ng/ml
Diazepam	5.968	1165041	20395.1	86.8	12014.1	218944	248.516 ng/ml
Dihydrocodeine	2.618	896447	4658.7	58.8	3338.7	230790	249.637 ng/ml
Diphenhydramine	5.323	7190760	139092.5	30.5	73873.7	1414481	240.186 ng/ml
Doxylamine	4.592	8016375	767053.4	81.1	256185.7	1256058	249.410 ng/ml
EDDP	5.286	3602160	528741.7	42.9	847442.9	715400	243.570 ng/ml
Etizolam	5.831	637510	∞	25.1	∞	218944	241.509 ng/ml
Fentanyl	5.149	221488	59331.7	131.4	3737130.3	429993	24.301 ng/ml
Flualprazolam	5.727	532581	15336.3	94.4	14241.0	184645	248.119 ng/ml
Fluoxetine	5.723	1439193	60315.7	7.2	163449.4	221457	254.074 ng/ml
Hydrocodone	3.110	1083228	∞	37.3	∞	504593	246.521 ng/ml
Hydromorphone	1.668	1062427	5083.1	68.7	2624.0	8677	260.999 ng/ml
Ketamine	4.139	2013268	∞	38.8	63544.3	441394	243.912 ng/ml
Lamotrigine	4.345	199131	346317.8	86.3	∞	364805	272.534 ng/ml
Levetiracetam	2.692	1029194	219408.0	225.0	344944.1	2312266	244.189 ng/ml

AM #28 Multi-Drug Quant. Results

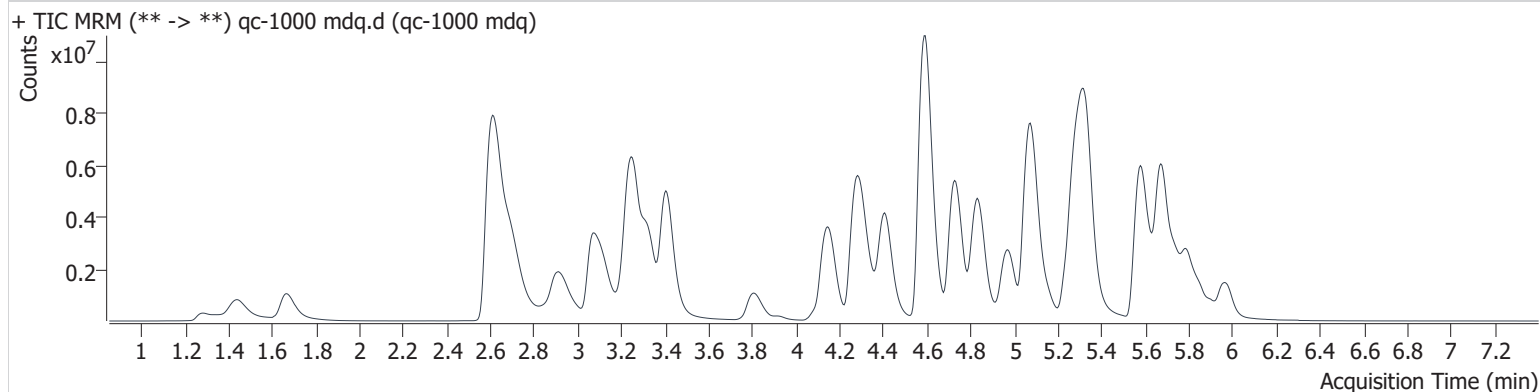
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	89542	∞	46.6	4099.6	19932	249.177 ng/ml
MDA	3.225	2505045	552997.0	26.1	6280.8	364805	253.006 ng/ml
MDMA	3.323	2246916	136454.7	99.4	80359.1	100695	247.699 ng/ml
Meprobamate	4.946	410240	551480.0	29.9	6654.8	62662	246.575 ng/ml
Methadone	5.671	4353762	∞	51.4	91825.9	868606	245.919 ng/ml
Methamphetamine	3.252	2096141	4121.6	250.4	10160.4	880002	272.462 ng/ml
Metoprolol	4.354	596732	440286.7	96.1	∞	2312266	255.556 ng/ml
Mirtazapine	4.727	5045798	212123.6	48.1	∞	868606	226.392 ng/ml
Mitragynine	5.278	742114	162879.9	33.0	115189.5	221457	223.532 ng/ml
Morphine	1.281	174667	∞	16.4	∞	8677	251.955 ng/ml
Norbuprenorphine	5.024	8579	16136.2	94.3	13536.3	20495	24.610 ng/ml
Nordiazepam	5.912	530217	321737.9	63.3	∞	81710	242.517 ng/ml
Norfentanyl	4.103	179248	26518.4	34.9	204188.1	1006697	24.685 ng/ml
Norhydrocodone	3.101	27434	∞	452.9	∞	103836	200.155 ng/ml
Noroxycodone	2.946	791121	∞	43.8	∞	114504	256.633 ng/ml
O-desmethyl-tramadol	3.408	5632595	379662.3	6.1	63653.2	1144403	241.009 ng/ml
Oxazepam	5.776	128842	2861.0	71.9	2586.3	19932	240.956 ng/ml
Oxycodone	2.904	2228330	∞	29.0	∞	389151	244.766 ng/ml
Oxymorphone	1.434	1474568	∞	43.3	∞	247559	252.099 ng/ml
Phentermine	3.811	1005219	5791.7	9.0	6048.5	534622	248.630 ng/ml
Promethazine	5.568	2737693	4526514.6	38.8	43706.5	566051	245.127 ng/ml
Pseudoephedrine	2.610	12258467	∞	24.5	∞	2312266	247.196 ng/ml
Quetiapine	5.580	3339251	10395783.7	61.7	21911881.5	193872	247.723 ng/ml
Sertraline	5.791	513354	756437.0	93.8	876854.7	89177	246.362 ng/ml
Temazepam	5.843	939428	97063.7	30.9	2872.1	173305	250.787 ng/ml
Tramadol	4.277	5473982	∞	3.5	4553.6	1087788	247.045 ng/ml
Trazodone	5.289	2039994	71131.9	79.5	∞	500738	209.085 ng/ml
Venlafaxine	5.073	3932303	180123.9	39.1	23573.2	960475	249.728 ng/ml
Zolpidem	5.072	5250260	8003659.9	30.8	64540.8	975064	240.496 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	qc-1000 mdq.d
Type	QC	Sample	qc-1000 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D7	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 2:54:53 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	161172	332156.9	138.9	942743.2	46420	99.767 ng/ml
7-aminoclonazepam	4.318	838170	21615.6	78.9	5238.6	35298	966.196 ng/ml
a-hydroxyalprazolam	5.722	140068	1569.2	57.7	3258.9	97299	977.722 ng/ml
alpha-PHP	4.971	8041606	320486.5	39.2	229882.2	541063	955.314 ng/ml
alpha-PVP	4.408	10466938	672959.4	53.1	280674.3	438603	1006.475 ng/ml
Alprazolam	5.791	2766192	15022.8	88.7	26652.2	97299	1024.509 ng/ml
Amphetamine	3.067	10119349	31706.1	45.4	25343.4	358086	583.714 ng/ml ocr
Benzoylcegonine	3.921	226217	641230.7	16.2	119198.5	8466	1006.323 ng/ml
Buprenorphine	5.773	100777	148509.0	15.1	23354.3	38174	94.298 ng/ml
Bupropion	4.831	11887098	11891212.3	64.5	166001.5	541063	1035.565 ng/ml
Carisoprodol	5.751	1928255	∞	55.9	41681.2	77823	940.680 ng/ml
Citalopram	5.237	4930008	184490.7	43.4	17769876.2	231941	967.526 ng/ml
Clonazepam	5.639	538464	∞	32.4	299228.7	9614	954.058 ng/ml
Clonazepam	5.591	662789	80274.9	38.7	29827673.6	97299	908.723 ng/ml
Cocaine	4.296	6589886	∞	44.9	1753802.7	556369	1003.917 ng/ml
Codeine	2.700	1017173	37837.9	91.2	386164.6	37078	1139.699 ng/ml
Cyclobenzaprine	5.636	4573991	125237.0	9.8	29688.6	165768	966.497 ng/ml
Dextromethorphan	5.297	3231658	78879.1	73.5	50159.6	152692	987.612 ng/ml
Dextrophan	4.153	6392649	110580.9	44.5	295222.4	333430	1038.330 ng/ml
Diazepam	5.968	3018281	204021.9	87.0	87598.0	141817	994.690 ng/ml
Dihydrocodeine	2.613	2244762	3380.9	60.5	2975.5	180174	802.733 ng/ml
Diphenhydramine	5.334	17188012	188436.3	29.9	226129.1	790339	1026.780 ng/ml
Doxylamine	4.587	26656366	∞	84.1	3334645.4	1029475	1011.344 ng/ml
EDDP	5.286	11466015	414197.7	42.2	826458.5	547676	1012.603 ng/ml
Etizolam	5.831	1641903	512925.2	24.6	∞	141817	964.880 ng/ml
Fentanyl	5.154	735273	1025057.1	131.5	594905.2	338186	102.524 ng/ml
Flualprazolam	5.727	1167044	23511.7	94.8	10063.8	97299	1033.431 ng/ml
Fluoxetine	5.728	2450370	90710.9	7.7	57975.1	99131	966.677 ng/ml
Hydrocodone	3.105	3309634	∞	37.7	∞	414794	916.731 ng/ml
Hydromorphone	1.668	3165349	3265.6	72.7	6785.6	6888	979.879 ng/ml
Ketamine	4.134	5177332	481942.6	38.5	21226.8	311611	889.110 ng/ml
Lamotrigine	4.350	374610	123492.3	88.2	16079.9	196358	952.774 ng/ml
Levetiracetam	2.697	2697992	182943.3	224.8	227465.6	1545882	958.771 ng/ml

AM #28 Multi-Drug Quant. Results

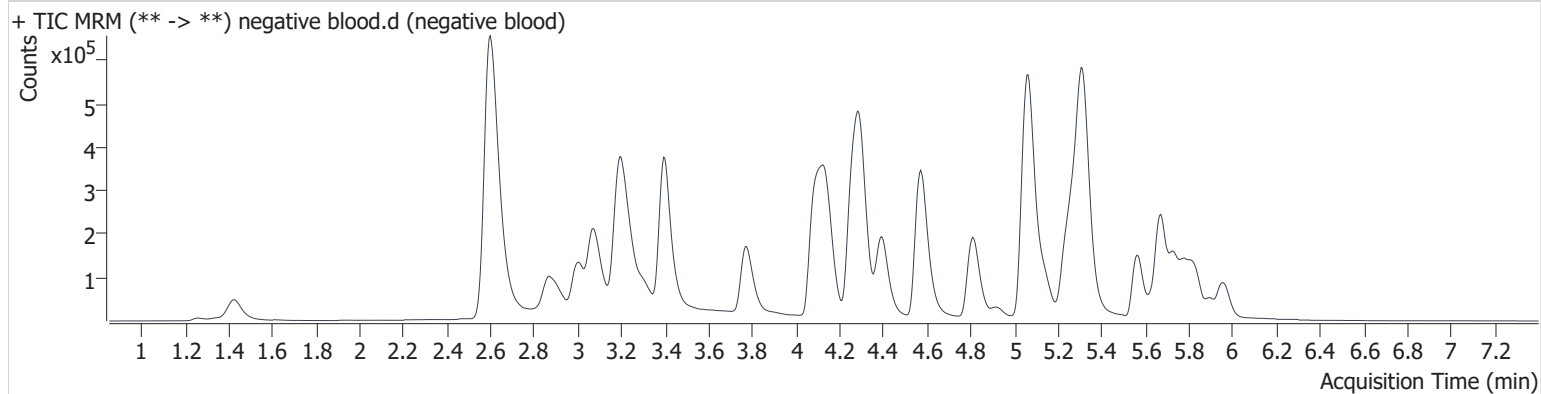
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.	
Lorazepam	5.764	206386	48052.6	49.0	1388.5	10571	1087.125	ng/ml
MDA	3.215	4531873	194268.5	26.0	19657.2	196358	851.524	ng/ml
MDMA	3.323	6207457	691461.3	97.4	492544.5	68089	1011.490	ng/ml
Meprobamate	4.936	983830	767201.0	30.0	40302.0	48049	773.011	ng/ml
Methadone	5.676	12957970	378212.8	48.5	582765.4	615233	1032.322	ng/ml
Methamphetamine	3.252	5359664	13559.8	253.0	903.5	752756	829.466	ng/ml
Metoprolol	4.354	1261917	553215.7	96.4	49904.6	1545882	810.750	ng/ml
Mirtazapine	4.727	15814911	∞	46.2	143911.4	615233	1002.829	ng/ml
Mitragynine	5.273	1538096	55262.2	33.6	6191.3	99131	1036.083	ng/ml
Morphine	1.281	527724	∞	15.8	∞	6888	959.938	ng/ml
Norbuprenorphine	5.024	22460	30735.0	92.1	65966.3	12420	106.979	ng/ml
Nordiazepam	5.912	1084035	∞	63.7	∞	40476	1000.704	ng/ml
Norfentanyl	4.098	505310	∞	34.9	34688.2	855186	82.169	ng/ml
Norhydrocodone	3.095	98378	∞	329.6	∞	71860	1031.289	ng/ml
Noroxycodone	2.946	2035961	∞	44.6	3305.6	77976	970.030	ng/ml
O-desmethyl-tramadol	3.404	18217978	2461992.5	5.9	184001.3	903621	987.201	ng/ml
Oxazepam	5.771	273685	12106.9	73.8	119535.1	10571	969.077	ng/ml
Oxycodone	2.899	7099424	∞	28.3	∞	318635	953.351	ng/ml
Oxymorphone	1.439	3964036	∞	43.6	∞	171650	978.359	ng/ml
Phentermine	3.811	2766734	16649.6	8.2	15306.2	421377	868.709	ng/ml
Promethazine	5.563	7580170	∞	37.0	984810.0	373764	1028.183	ng/ml
Pseudoephedrine	2.610	32825887	∞	24.0	∞	1545882	989.925	ng/ml
Quetiapine	5.586	8592978	∞	60.8	844580.8	128503	962.156	ng/ml
Sertraline	5.786	916554	∞	93.1	91023.8	38834	1009.977	ng/ml
Temazepam	5.849	1862244	61698.8	31.2	16327.7	80194	1073.361	ng/ml
Tramadol	4.267	15852770	1150235.3	3.3	19510.6	768645	1014.119	ng/ml
Trazodone	5.289	3626610	∞	76.2	59857.3	352541	528.941	ng/ml ocr
Venlafaxine	5.068	10399149	247811.8	38.4	40541.4	579114	1093.302	ng/ml
Zolpidem	5.072	15963139	838562.7	29.9	20086.7	744622	957.408	ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	negative blood.d
Type	Sample	Sample	negative blood
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B4	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 3:12:57 PM		
Sample Info.			

Sample Chromatogram

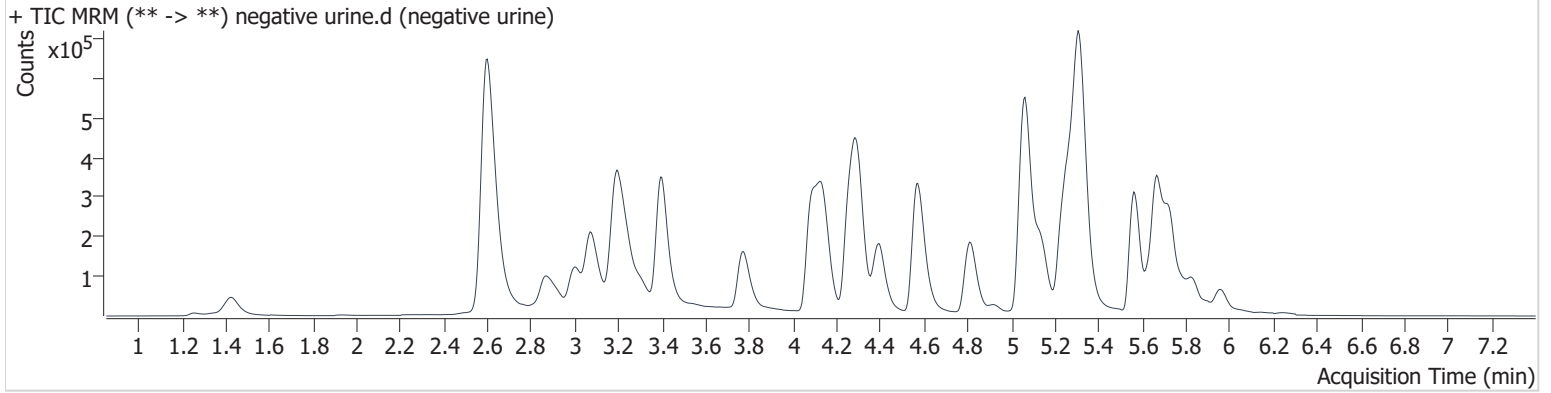


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	negative urine.d
Type	Sample	Sample	negative urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-H4	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 4:24:56 PM		
Sample Info.			

Sample Chromatogram

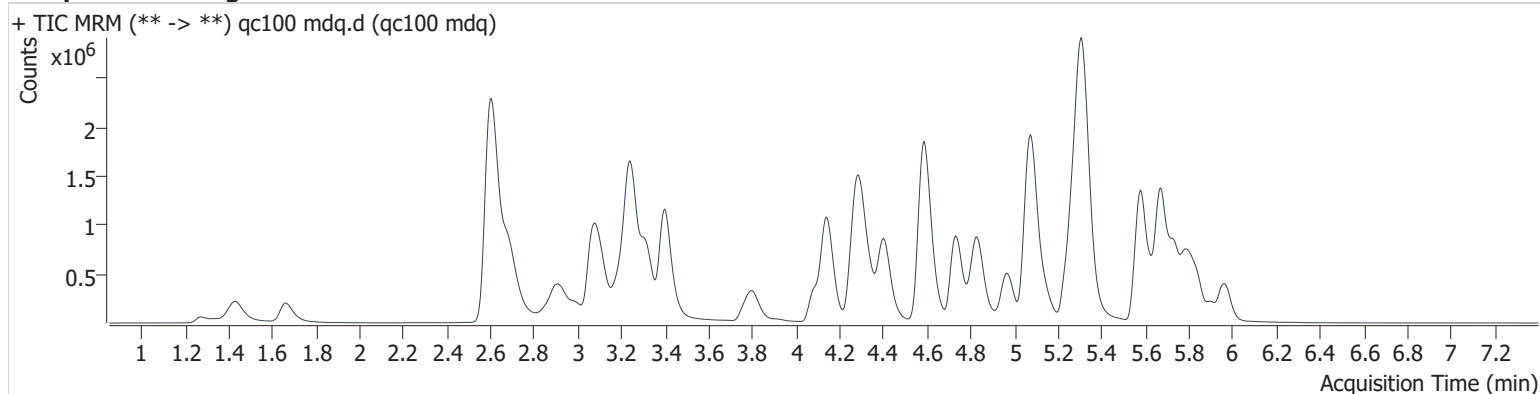


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	qc100 mdq.d
Type	QC	Sample	qc100 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-B7	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 7:15:55 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	28378	45725.2	140.2	102782.8	77297	10.493 ng/ml
7-aminoclonazepam	4.313	324840	97366.8	75.4	27456.3	129082	102.162 ng/ml
a-hydroxyalprazolam	5.717	36777	2209.8	55.4	1979.0	243536	103.350 ng/ml
alpha-PHP	4.971	1287152	237534.1	39.0	111444.7	788979	104.918 ng/ml
alpha-PVP	4.408	1606754	19400154.2	53.1	143717.3	661205	102.631 ng/ml
Alprazolam	5.796	689612	177288.6	87.8	3911.6	243536	102.081 ng/ml
Amphetamine	3.073	2551020	149422.9	43.4	7435.7	512596	101.850 ng/ml
Benzoylcegonine	3.921	27937	326555.9	16.8	21082.1	9804	106.287 ng/ml
Buprenorphine	5.778	27153	78855.0	18.0	6963.1	94538	10.248 ng/ml
Bupropion	4.831	1695813	162426.7	67.0	29557.7	788979	101.356 ng/ml
Carisoprodol	5.746	554954	2537816.2	57.2	9863.9	206725	101.926 ng/ml
Citalopram	5.248	1082778	23426.5	41.6	1190381.8	489363	100.690 ng/ml
Clonazepam	5.639	134982	7694477.6	30.7	∞	21971	104.776 ng/ml
Clonazepam	5.581	189769	146572.8	39.6	58597.3	243536	104.360 ng/ml
Cocaine	4.296	1203774	1312372.9	46.7	4722123.0	991307	102.823 ng/ml
Codeine	2.695	208803	∞	88.2	∞	90119	97.075 ng/ml
Cyclobenzaprine	5.641	821897	32459.9	10.4	35137.9	278845	103.350 ng/ml
Dextromethorphan	5.291	790594	1251266.6	74.5	560885.7	351197	104.955 ng/ml
Dextrophan	4.144	1123442	∞	46.3	1513210.4	603511	100.807 ng/ml
Diazepam	5.968	586603	13078.9	86.6	7250.1	268027	102.075 ng/ml
Dihydrocodeine	2.613	459106	815.5	59.0	1658.1	267265	109.892 ng/ml
Diphenhydramine	5.323	3563370	210984.7	30.8	180632.6	1747768	96.459 ng/ml
Doxylamine	4.587	3681387	874794.4	81.2	8261943.1	1416972	101.636 ng/ml
EDDP	5.286	1702115	46238.2	43.4	7513385.6	837708	98.315 ng/ml
Etizolam	5.831	322940	327227.7	24.6	∞	268027	99.030 ng/ml
Fentanyl	5.154	93327	185753.7	132.9	241090.5	443375	9.940 ng/ml
Flualprazolam	5.722	286661	3399.9	95.3	10006.8	243536	100.947 ng/ml
Fluoxetine	5.728	515665	∞	7.4	45248.3	203683	98.917 ng/ml
Hydrocodone	3.105	523893	∞	38.2	∞	585901	102.583 ng/ml
Hydromorphone	1.663	532701	4913.5	71.7	7239.8	10101	112.363 ng/ml
Ketamine	4.139	1012382	1051243.5	39.2	∞	520770	103.823 ng/ml
Lamotrigine	4.340	104589	19683.4	86.3	302758.5	474459	109.999 ng/ml
Levetiracetam	2.686	545139	11466.1	222.2	∞	2821622	105.743 ng/ml

AM #28 Multi-Drug Quant. Results

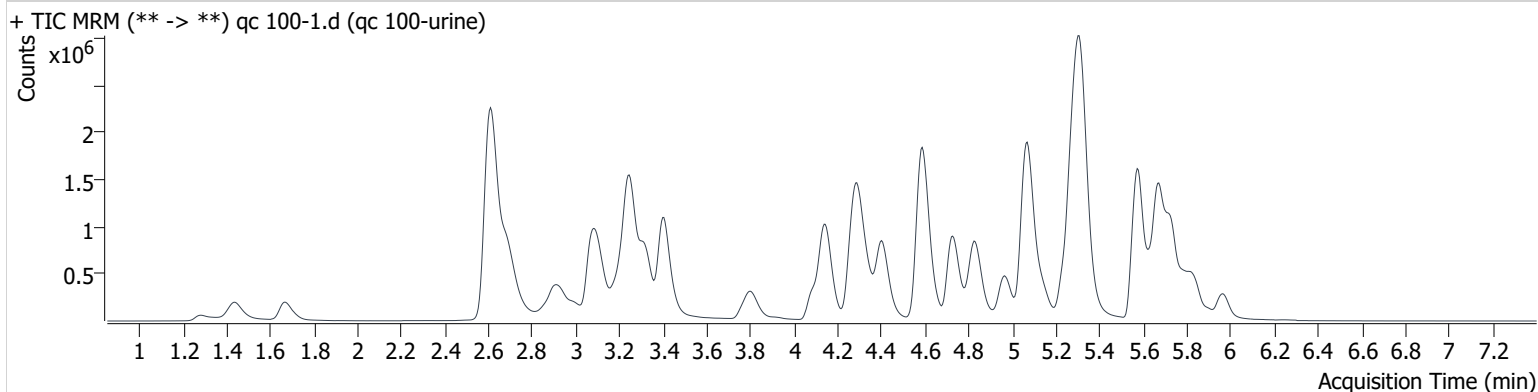
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	52786	∞	46.9	891.8	27958	103.993 ng/ml
	3.220	1405619	137849.4	25.9	4658.6	474459	108.876 ng/ml
MDMA	3.317	1112168	∞	99.0	46027.5	120027	102.953 ng/ml
Meprobamate	4.946	212461	318105.0	30.2	14470.6	76525	104.068 ng/ml
Methadone	5.676	1995093	∞	53.3	190844.4	988107	99.255 ng/ml
Methamphetamine	3.246	1072314	352.7	248.5	410.1	998790	118.652 ng/ml
Metoprolol	4.349	323678	541089.5	93.9	∞	2821622	112.979 ng/ml
Mirtazapine	4.732	2357315	4271985.5	48.9	292520.7	988107	92.798 ng/ml
Mitragynine	5.283	364475	∞	32.3	11717.4	203683	119.222 ng/ml
Morphine	1.276	82245	∞	17.0	∞	10101	101.713 ng/ml
Norbuprenorphine	5.014	4363	10102.3	89.7	15168.8	24760	10.246 ng/ml
Nordiazepam	5.912	303679	∞	63.5	∞	111015	102.280 ng/ml
Norfentanyl	4.103	89828	4464.3	34.2	48041.1	1144867	10.817 ng/ml
Norhydrocodone	3.095	14785	∞	405.6	∞	122267	92.370 ng/ml
Noroxycodone	2.941	401304	5726.7	44.3	∞	142444	104.603 ng/ml
O-desmethyl-tramadol	3.404	2676305	∞	6.2	30208.5	1299435	100.857 ng/ml
Oxazepam	5.776	80549	∞	72.3	3980.1	27958	106.657 ng/ml
Oxycodone	2.899	1069361	∞	29.0	∞	446106	102.274 ng/ml
Oxymorphone	1.429	737423	∞	43.4	∞	292203	106.623 ng/ml
Phentermine	3.806	508784	2643.5	9.1	4853.2	636587	105.575 ng/ml
Promethazine	5.563	1100387	∞	39.6	58664.8	564405	98.757 ng/ml
Pseudoephedrine	2.605	6107030	57552.8	24.7	∞	2821622	100.956 ng/ml
Quetiapine	5.586	1711656	1857372.0	60.0	878790.1	236573	103.978 ng/ml
Sertraline	5.791	157107	∞	96.4	∞	67507	99.617 ng/ml
Temazepam	5.838	547438	888575.8	31.0	1928.6	244458	103.782 ng/ml
Tramadol	4.272	2671588	1459910.7	3.4	2321.5	1228350	106.478 ng/ml
Trazodone	5.304	1103568	3176332.4	78.9	∞	552020	102.270 ng/ml
Venlafaxine	5.068	1947497	13829235.7	39.6	8219.4	1170504	101.840 ng/ml
Zolpidem	5.082	2605494	∞	31.1	22613.9	1139306	102.162 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 6/1/2021 10:46:04 AM

Instrument	69679	Data File	qc 100-1.d
Type	Sample	Sample	qc 100-urine
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E7	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 3:03:55 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.196	27287	431181.3	142.2	∞	70391	11.084 ng/ml
7-aminoclonazepam	4.318	321012	6892.6	74.9	7680.6	122668	106.247 ng/ml
a-hydroxyalprazolam	5.717	29888	1408.8	55.0	1580.2	127374	160.102 ng/ml
alpha-PHP	4.966	1203676	66808.9	40.1	24172.9	727807	106.359 ng/ml
alpha-PVP	4.408	1566121	46818.0	53.5	90828.0	630936	104.831 ng/ml
Alprazolam	5.796	389970	19383.8	88.6	8437.9	127374	110.367 ng/ml
Amphetamine	3.078	2298546	17805.5	45.4	65825.5	458274	102.657 ng/ml
Benzoylcegonine	3.921	28992	17659.5	16.8	∞	10334	104.614 ng/ml
Buprenorphine	5.762	16305	∞	15.3	10698.8	74329	7.823 ng/ml
Bupropion	4.831	1649173	39891.9	66.3	26767.9	727807	106.850 ng/ml
Carisoprodol	5.741	343604	403019.6	55.8	7135.7	133293	97.875 ng/ml
Citalopram	5.248	1083137	35267.9	42.1	18994.4	471109	104.627 ng/ml
Clonazepam	5.639	55664	1157.7	33.9	21043.8	9775	97.123 ng/ml
Clonazepam	5.581	75522	3365.7	39.4	20439.2	127374	79.519 ng/ml
Cocaine	4.296	1144584	113633.7	46.6	39555.6	914221	106.014 ng/ml
Codeine	2.695	192096	12880.8	87.2	27142.6	81338	98.932 ng/ml
Cyclobenzaprine	5.641	1282280	31091.2	10.0	1882.9	428580	104.905 ng/ml
Dextromethorphan	5.291	866455	∞	74.0	42052.0	382111	105.721 ng/ml
Dextrophan	4.149	1121336	73266.5	44.8	28769.2	569284	106.668 ng/ml
Diazepam	5.968	416037	17078.5	87.5	6727.3	178636	108.637 ng/ml
Dihydrocodeine	2.613	449317	2139.4	58.9	2725.4	250999	114.557 ng/ml
Diphenhydramine	5.323	3701726	284287.3	30.7	17562.7	1708702	102.482 ng/ml
Doxylamine	4.587	3669192	71444.5	81.2	19638.9	1345464	106.674 ng/ml
EDDP	5.281	1881398	∞	43.6	745635.5	889356	102.358 ng/ml
Etizolam	5.831	235192	102826.1	24.3	∞	178636	108.356 ng/ml
Fentanyl	5.149	131676	44653.6	132.4	∞	602900	10.313 ng/ml
Flualprazolam	5.722	218023	4460.8	96.8	5685.5	127374	147.031 ng/ml
Fluoxetine	5.723	1248218	20418.5	7.4	∞	463477	105.232 ng/ml
Hydrocodone	3.105	539262	∞	35.5	7009119737 9173.0	583876	105.964 ng/ml
Hydromorphone	1.668	506324	3483.0	67.9	1260.7	10460	103.122 ng/ml
Ketamine	4.139	1004041	134820.4	39.0	13573.4	497904	107.705 ng/ml
Lamotrigine	4.345	102348	4488.9	86.2	18287.7	430126	118.745 ng/ml



AM #28 Multi-Drug Quant. Results

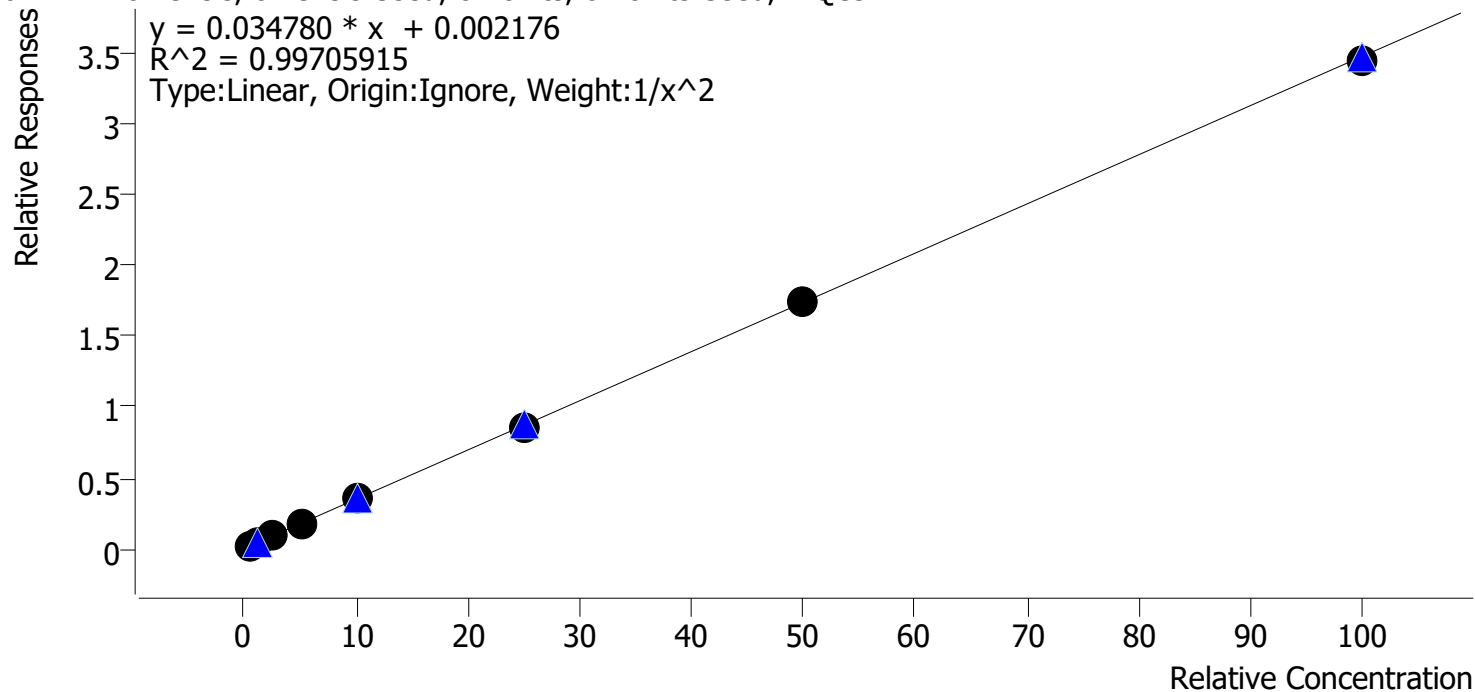
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.692	527819	20611.0	224.8	20991.0	2707211	106.714 ng/ml
Lorazepam	5.764	31261	∞	49.7	1351.9	14962	115.221 ng/ml
MDA	3.225	1276417	17790.3	29.4	9568.3	430126	109.059 ng/ml
MDMA	3.323	1095587	19030.9	98.0	87314.8	115156	105.704 ng/ml
Meprobamate	4.946	198127	17690.5	30.1	∞	68589	108.311 ng/ml
Methadone	5.676	2064053	17364.1	52.0	53116.6	968282	104.770 ng/ml
Methamphetamine	3.252	1007382	346.5	247.3	364.1	942086	118.146 ng/ml
Metoprolol	4.354	311041	18345.8	96.3	3808.9	2707211	113.158 ng/ml
Mirtazapine	4.727	2408935	40468.8	48.4	89197.2	968282	96.785 ng/ml
Mitragynine	5.278	483688	27058.5	32.3	2829.3	463477	69.405 ng/ml
Morphine	1.281	89123	∞	18.3	∞	10460	106.447 ng/ml
Norbuprenorphine	5.019	4742	9594.9	93.1	9838.1	25340	10.894 ng/ml
Nordiazepam	5.912	124479	15668.4	64.2	∞	42392	109.786 ng/ml
Norfentanyl	4.103	84153	∞	34.1	4021.7	1049807	11.053 ng/ml
Norhydrocodone	3.101	14525	∞	360.5	∞	111286	99.591 ng/ml
Noroxycodone	2.941	381569	3458.4	45.6	∞	132303	107.084 ng/ml
O-desmethyl-tramadol	3.404	2568505	83261.3	6.2	19588.8	1220314	103.071 ng/ml
Oxazepam	5.771	40413	1117.7	78.8	203.7	14962	99.912 ng/ml
Oxycodone	2.904	1047423	∞	29.0	∞	414579	107.812 ng/ml
Oxymorphone	1.439	624777	∞	43.9	∞	243154	108.564 ng/ml
Phentermine	3.806	480497	1364.8	9.4	704.6	578235	109.774 ng/ml
Promethazine	5.568	1839218	29462.2	38.4	21642.2	874902	106.492 ng/ml
Pseudoephedrine	2.616	6039310	∞	24.8	89016.5	2707211	104.054 ng/ml
Quetiapine	5.580	1572864	∞	61.2	∞	211155	107.052 ng/ml
Sertraline	5.791	281684	∞	95.4	∞	117613	102.515 ng/ml
Temazepam	5.838	462460	∞	35.5	∞	194269	110.303 ng/ml
Tramadol	4.272	2660753	81345.9	3.5	841.9	1176491	110.741 ng/ml
Trazodone	5.289	1284699	21409.9	78.7	13319.0	661623	99.315 ng/ml
Venlafaxine	5.068	1908006	34908.3	39.3	7553.7	1103728	105.788 ng/ml
Zolpidem	5.072	2519406	31617.8	31.4	81695.4	1092369	103.031 ng/ml

Compound Calibration Report



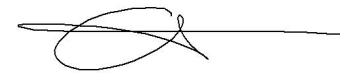
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Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



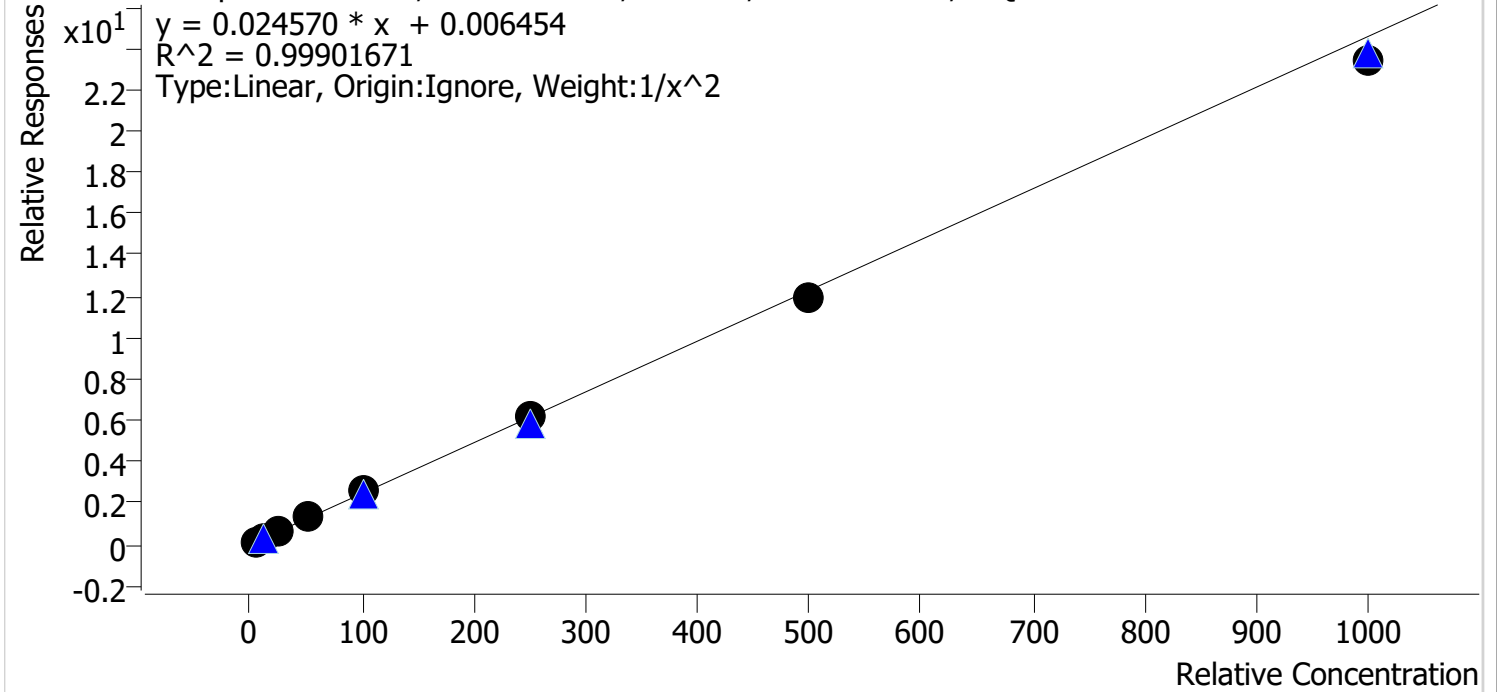
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	104.5
cal 2 mdq	2	✓	1.0	0.9	89.8
cal 3 mdq	3	✓	2.5	2.5	100.1
cal 4 mdq	4	✓	5.0	5.2	104.7
cal 5 mdq	5	✓	10.0	10.2	102.2
cal 6 mdq	6	✓	25.0	24.7	98.9
cal 7 mdq	7	✓	50.0	50.5	100.9
cal 8 mdq	8	✓	100.0	98.8	98.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



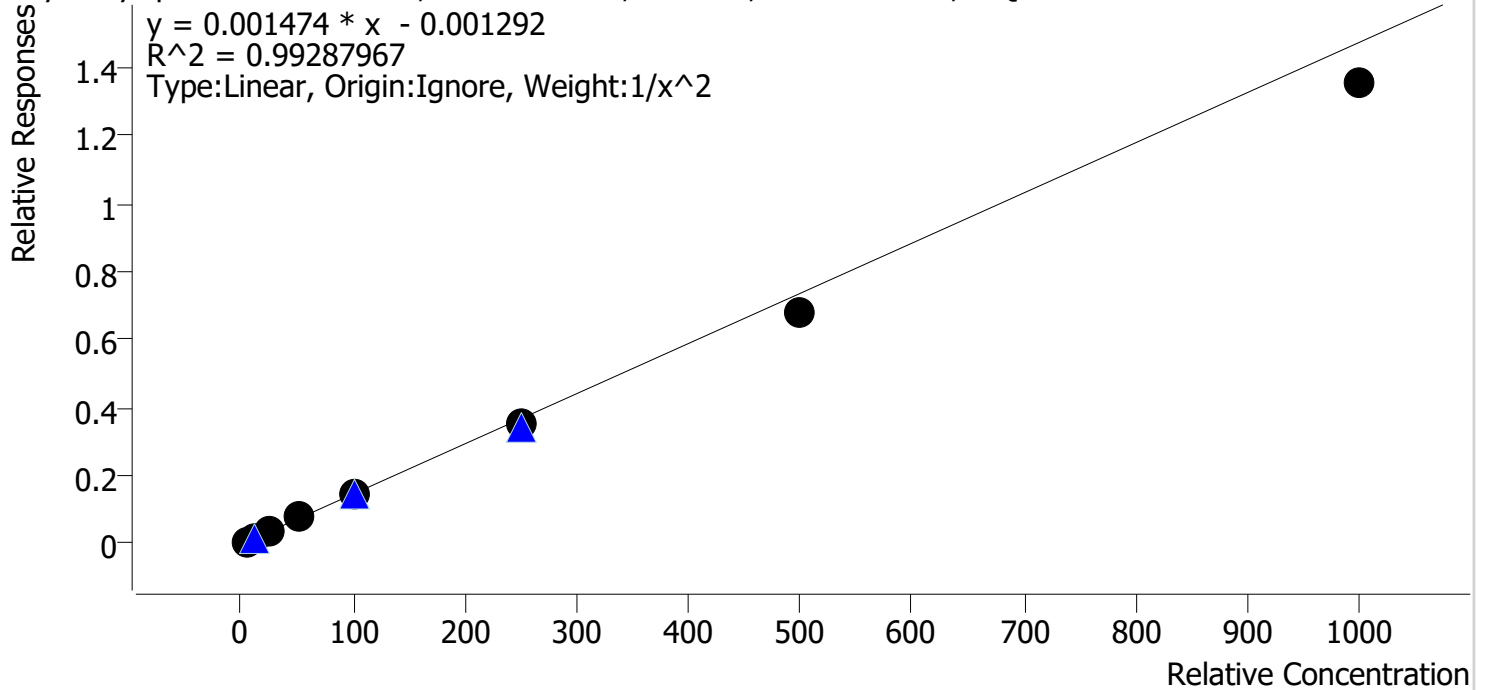
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.1
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	24.7	98.7
cal 4 mdq	4	✓	50.0	51.8	103.5
cal 5 mdq	5	✓	100.0	102.9	102.9
cal 6 mdq	6	✓	250.0	253.0	101.2
cal 7 mdq	7	✓	500.0	488.5	97.7
cal 8 mdq	8	✓	1000.0	955.2	95.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

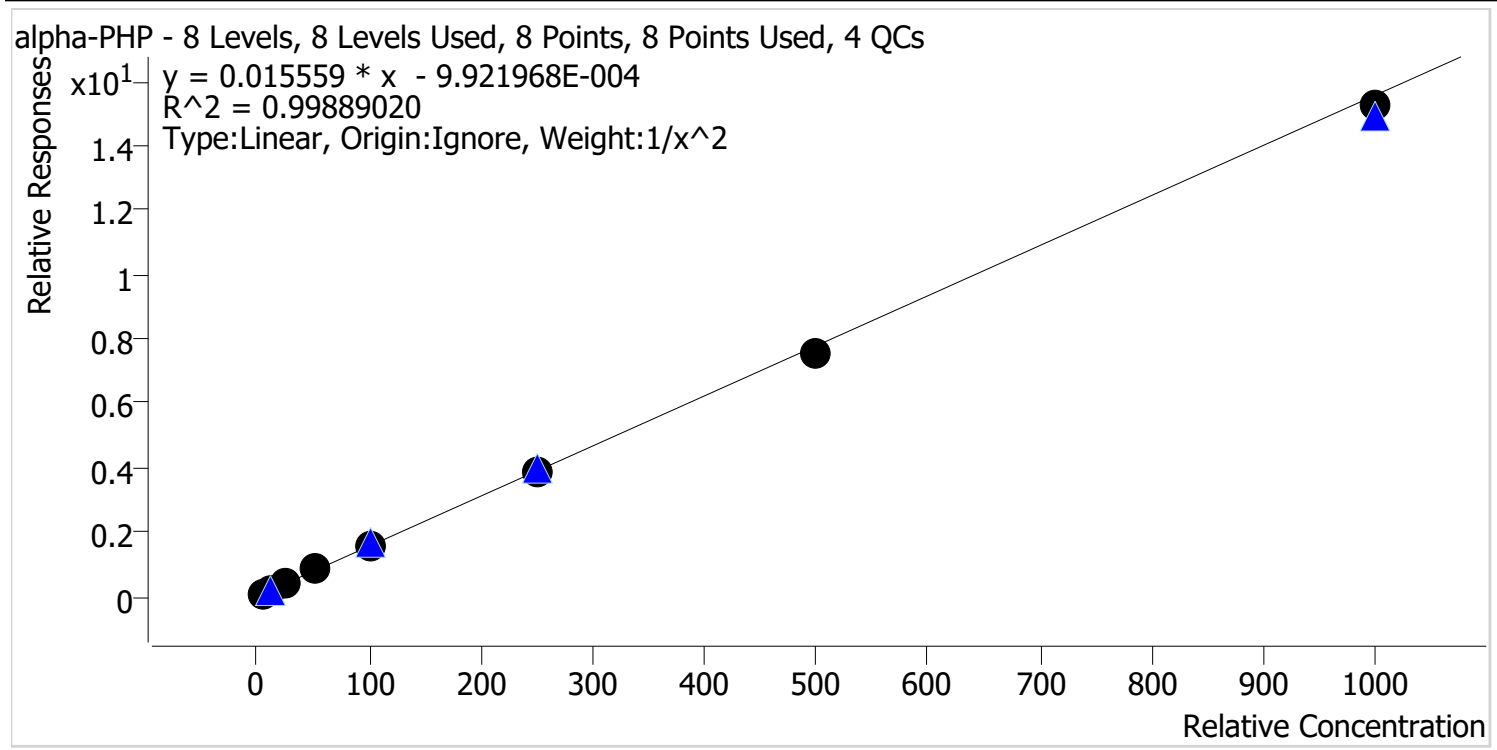


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	27.2	108.6
cal 4 mdq	4	✓	50.0	56.2	112.5
cal 5 mdq	5	✓	100.0	102.1	102.1
cal 6 mdq	6	✓	250.0	240.6	96.2
cal 7 mdq	7	✓	500.0	459.9	92.0
cal 8 mdq	8	✓	1000.0	923.3	92.3

Compound Calibration Report

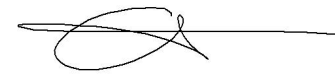


Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** Bupropion-D9

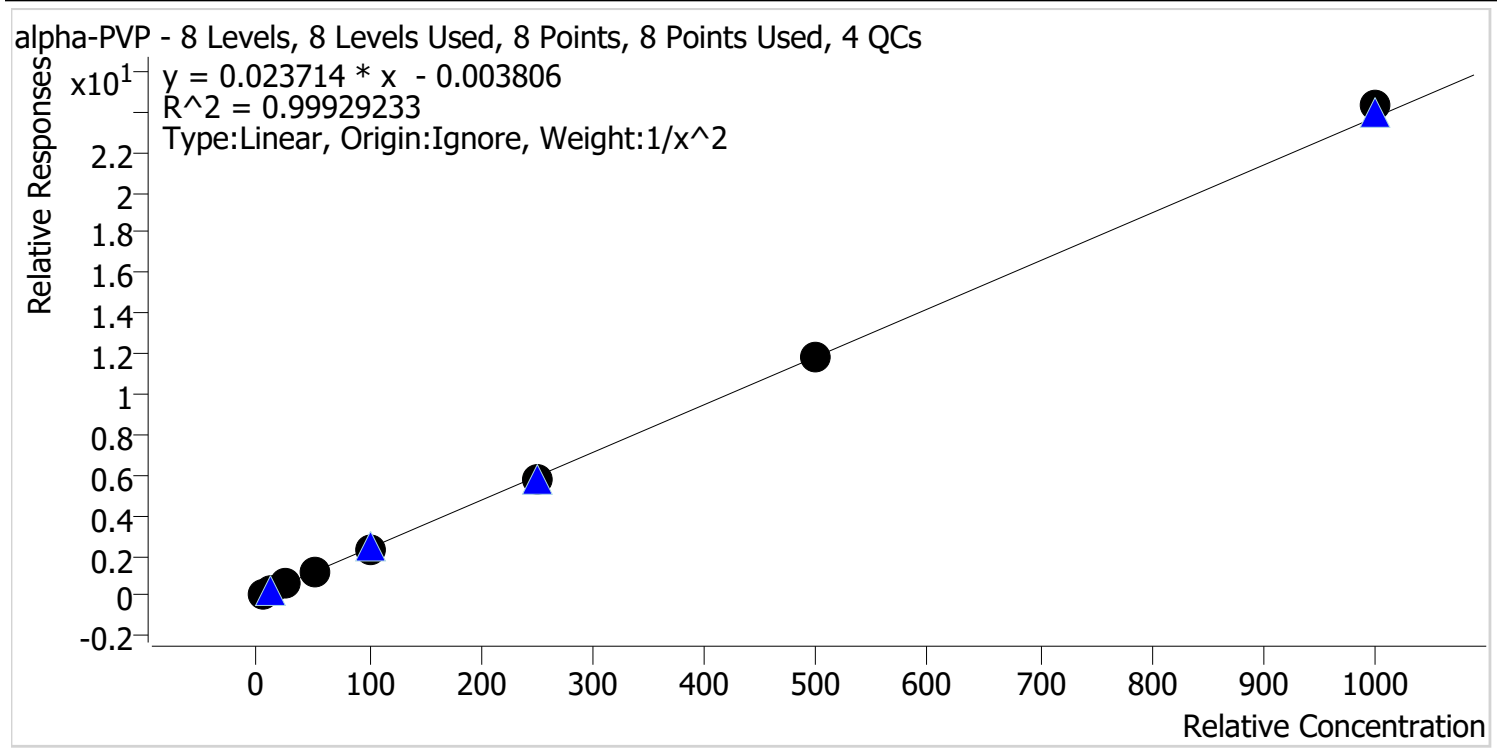


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.4
cal 2 mdq	2	✓	10.0	9.6	96.2
cal 3 mdq	3	✓	25.0	24.8	99.4
cal 4 mdq	4	✓	50.0	52.6	105.3
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	250.5	100.2
cal 7 mdq	7	✓	500.0	488.2	97.6
cal 8 mdq	8	✓	1000.0	979.4	97.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



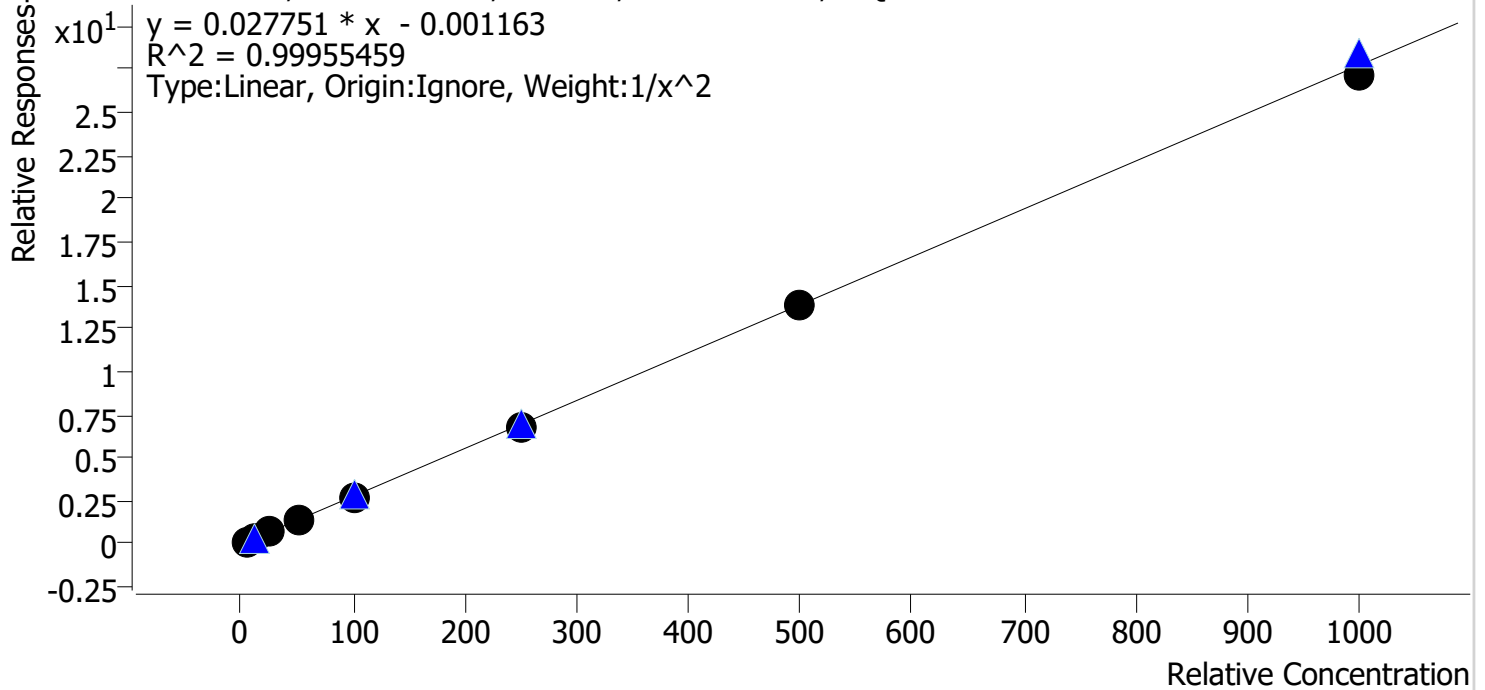
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.1
cal 2 mdq	2	✓	10.0	9.9	98.6
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	51.7	103.4
cal 5 mdq	5	✓	100.0	99.3	99.3
cal 6 mdq	6	✓	250.0	245.9	98.4
cal 7 mdq	7	✓	500.0	501.7	100.3
cal 8 mdq	8	✓	1000.0	1024.3	102.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



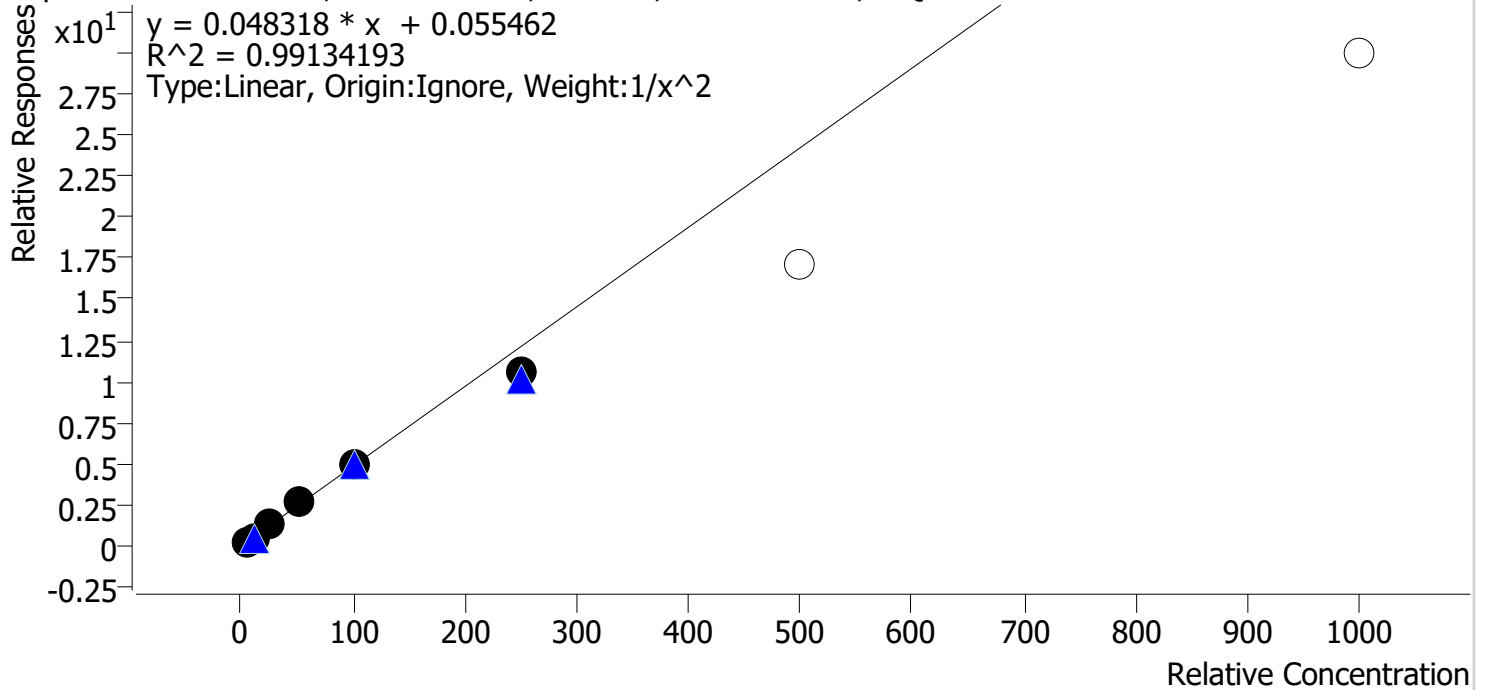
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	25.0	100.0
cal 4 mdq	4	✓	50.0	52.0	104.0
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	245.5	98.2
cal 7 mdq	7	✓	500.0	501.1	100.2
cal 8 mdq	8	✓	1000.0	982.6	98.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

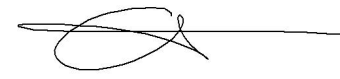
Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.7
cal 2 mdq	2	✓	10.0	10.3	102.5
cal 3 mdq	3	✓	25.0	25.2	100.9
cal 4 mdq	4	✓	50.0	55.2	110.5
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	217.8	87.1
cal 7 mdq	7	✗	500.0	354.3	70.9
cal 8 mdq	8	✗	1000.0	618.2	61.8

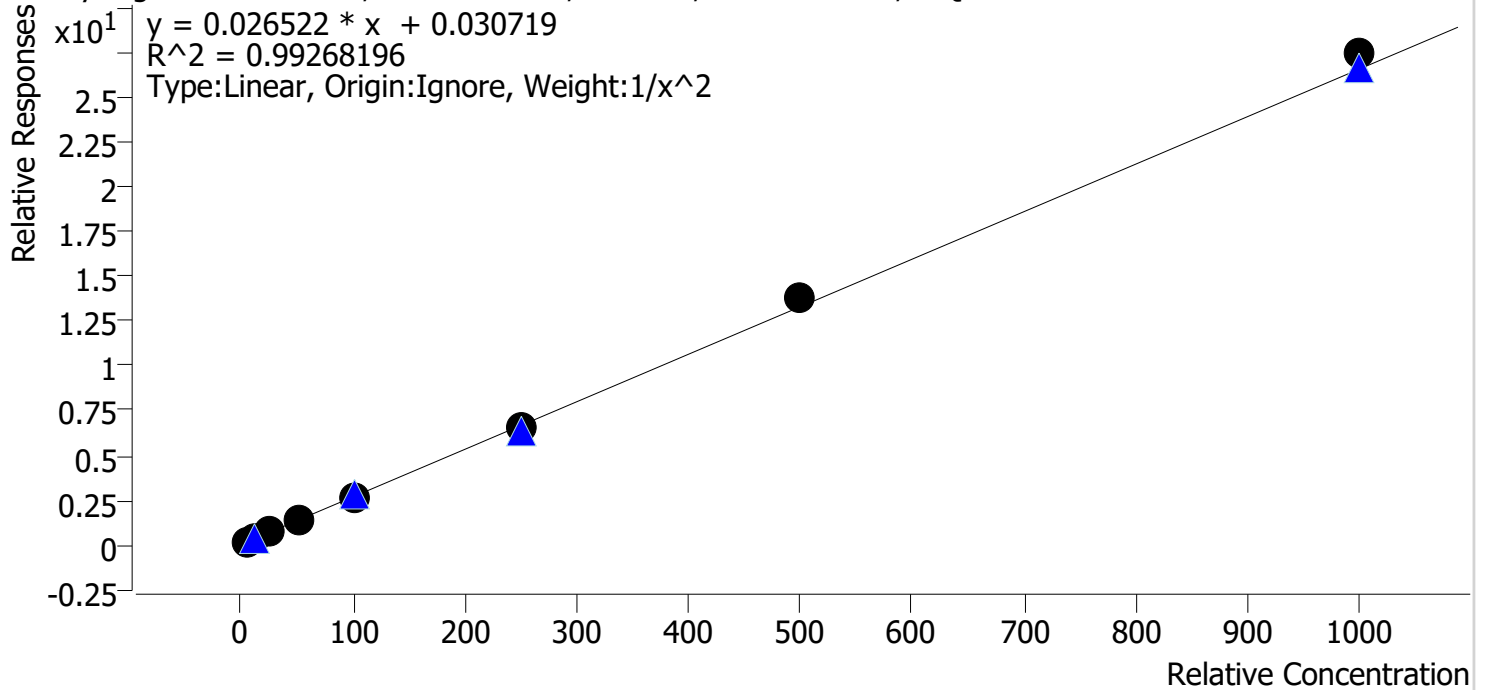
dropped cal 7 and cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



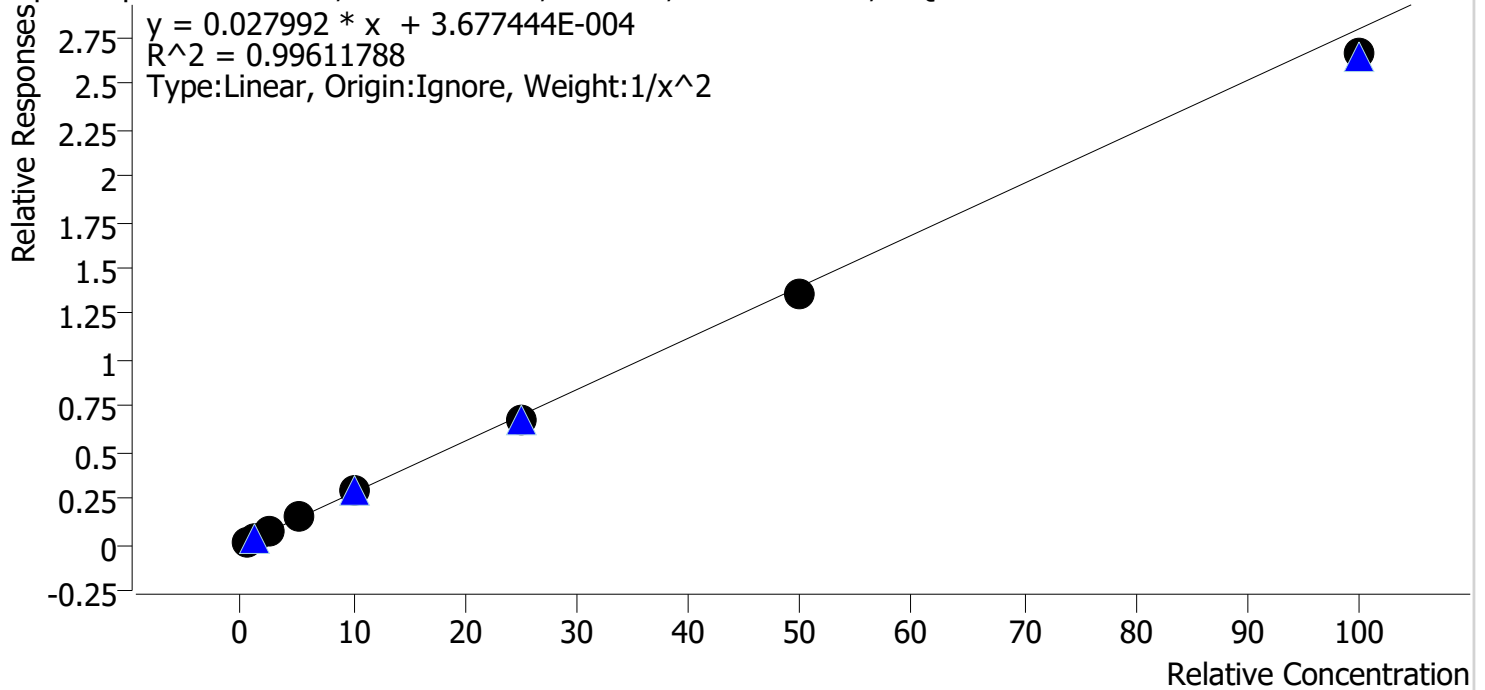
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.4	108.5
cal 2 mdq	2	✓	10.0	8.3	83.2
cal 3 mdq	3	✓	25.0	24.5	98.1
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	249.8	99.9
cal 7 mdq	7	✓	500.0	519.3	103.9
cal 8 mdq	8	✓	1000.0	1032.8	103.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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

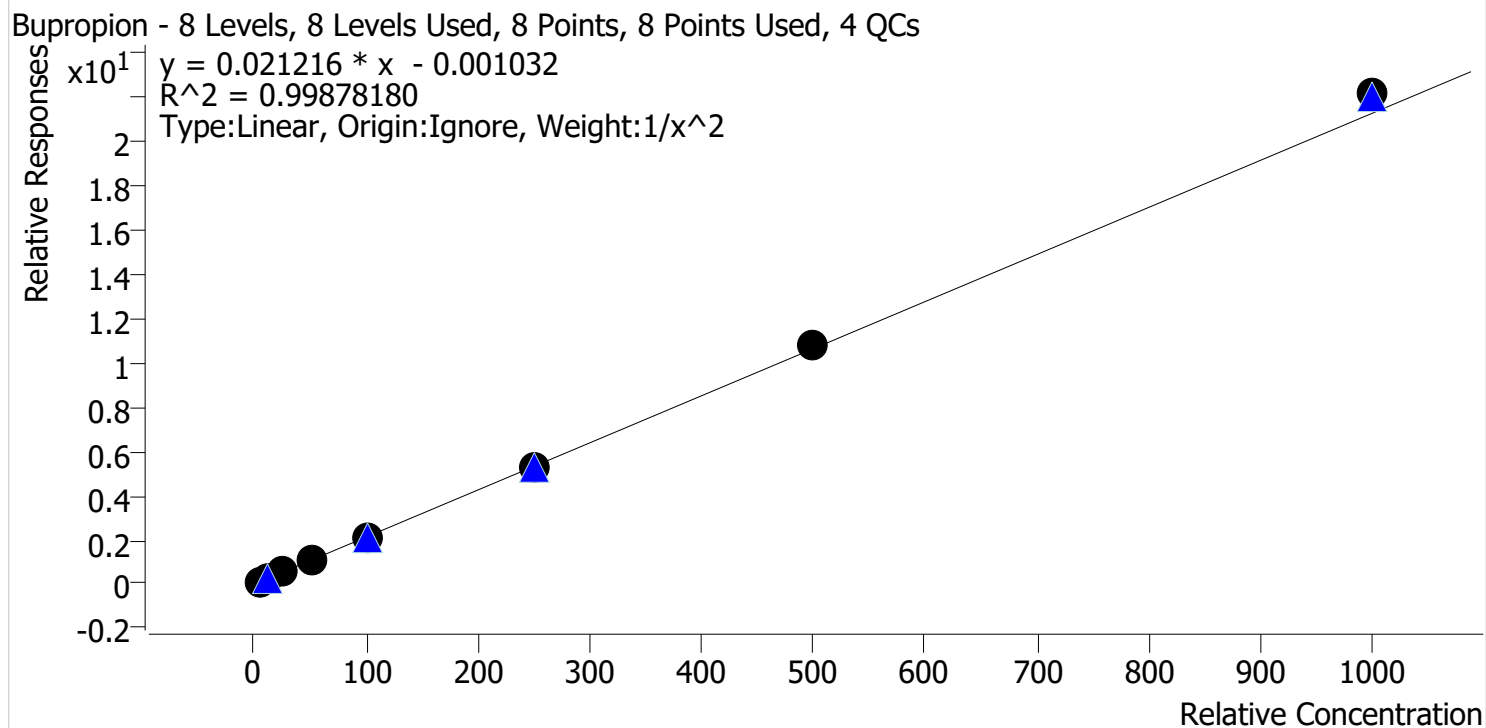


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	99.4
cal 2 mdq	2	✓	1.0	1.0	98.8
cal 3 mdq	3	✓	2.5	2.5	100.1
cal 4 mdq	4	✓	5.0	5.6	112.4
cal 5 mdq	5	✓	10.0	10.1	101.1
cal 6 mdq	6	✓	25.0	23.9	95.7
cal 7 mdq	7	✓	50.0	48.6	97.2
cal 8 mdq	8	✓	100.0	95.2	95.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.3
cal 2 mdq	2	✓	10.0	9.7	96.9
cal 3 mdq	3	✓	25.0	23.8	95.3
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	98.9	98.9
cal 6 mdq	6	✓	250.0	246.6	98.6
cal 7 mdq	7	✓	500.0	508.6	101.7
cal 8 mdq	8	✓	1000.0	1041.8	104.2

Compound Calibration Report

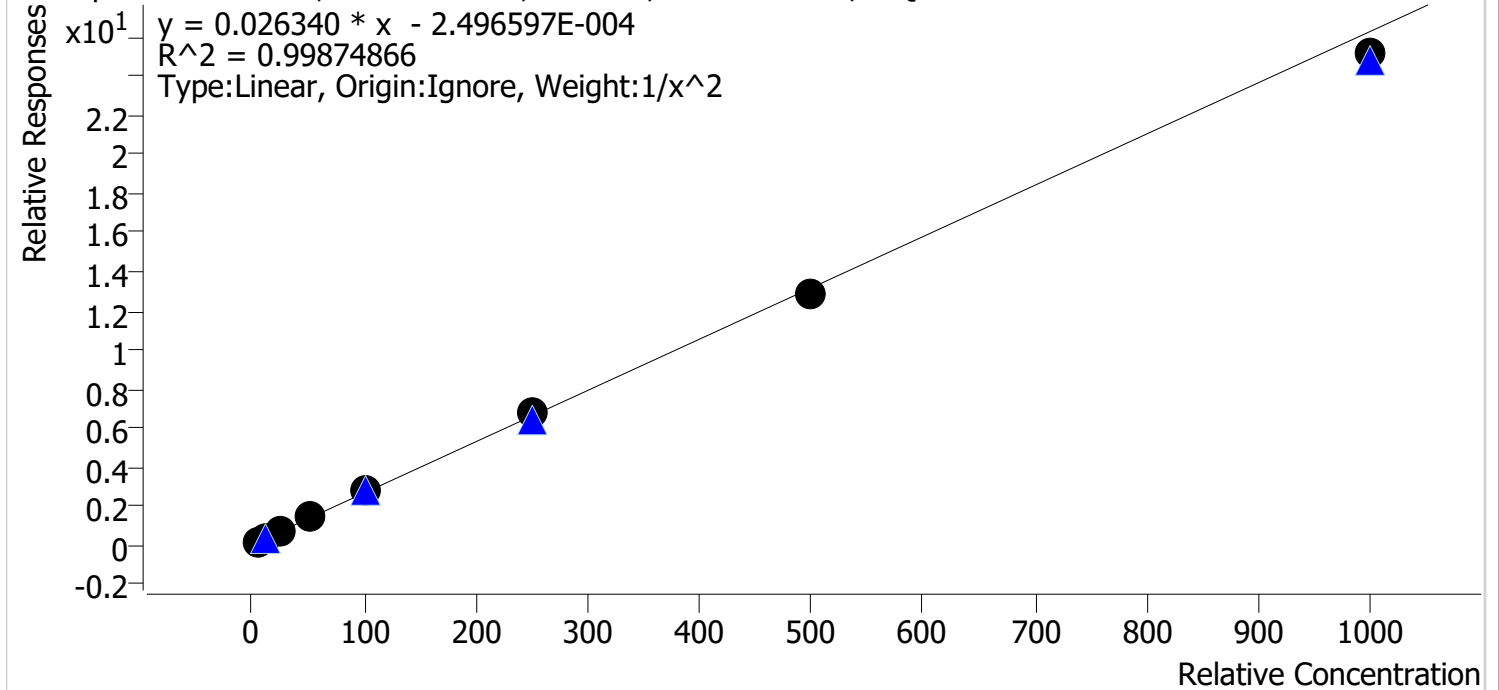


Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

Carisoprodol-D7

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



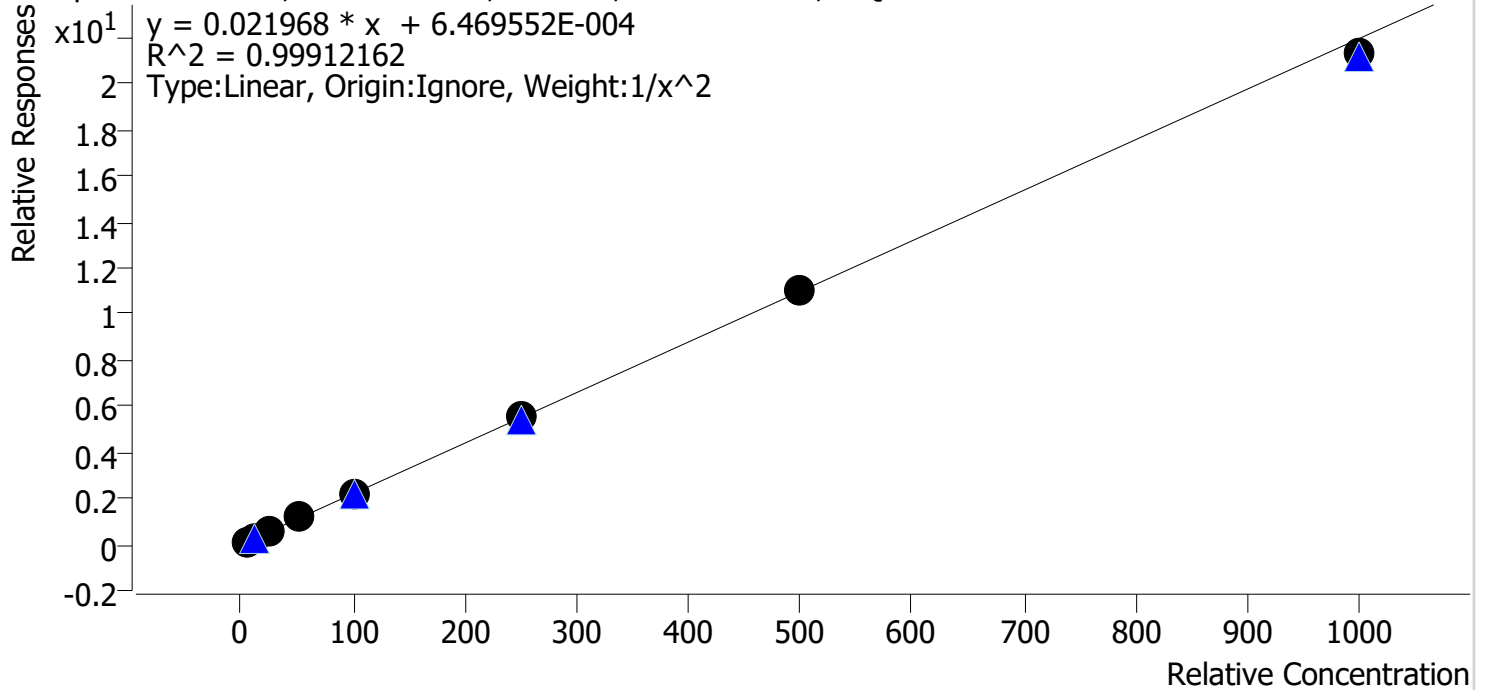
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	10.1	100.6
cal 3 mdq	3	✓	25.0	24.6	98.2
cal 4 mdq	4	✓	50.0	52.7	105.4
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	254.1	101.6
cal 7 mdq	7	✓	500.0	485.7	97.1
cal 8 mdq	8	✓	1000.0	956.8	95.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.5	98.0
cal 4 mdq	4	✓	50.0	52.8	105.7
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	250.1	100.1
cal 7 mdq	7	✓	500.0	498.9	99.8
cal 8 mdq	8	✓	1000.0	970.3	97.0

Compound Calibration Report

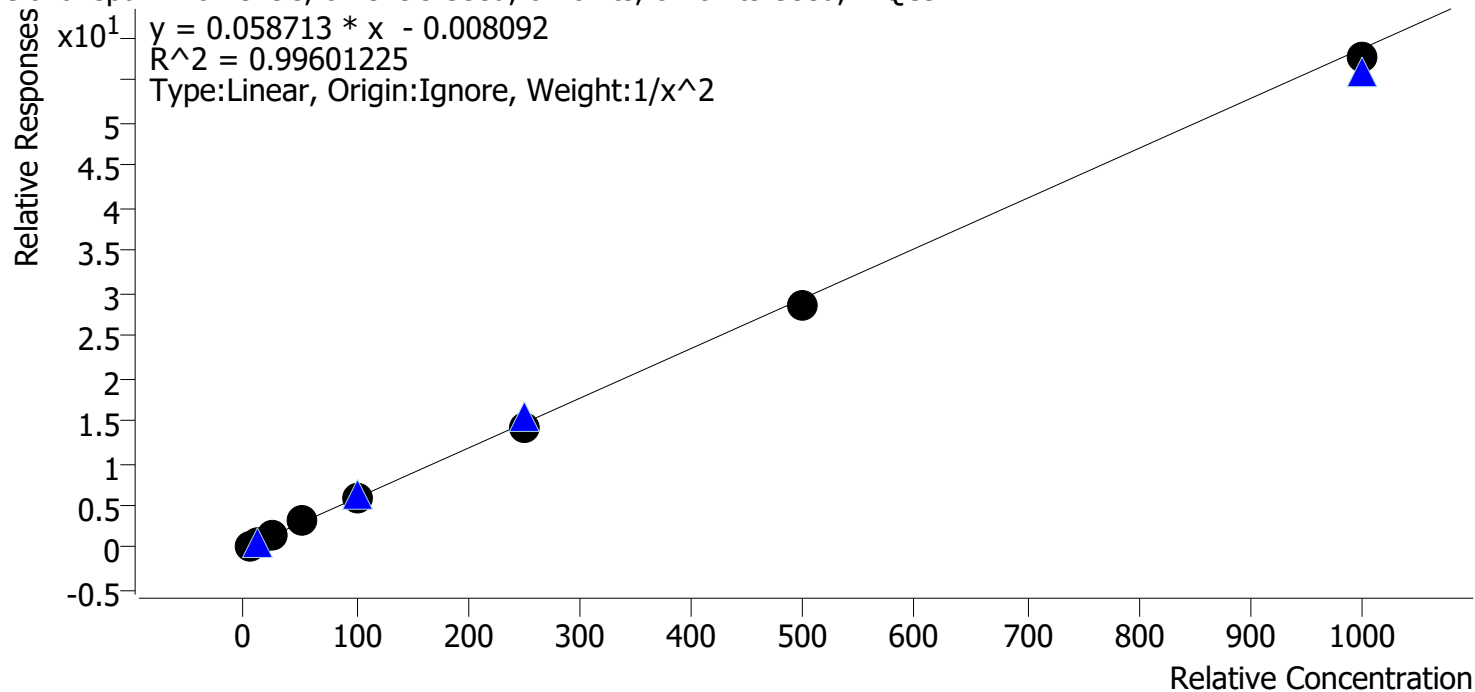


Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

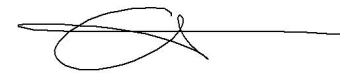
Clonazepam-D4

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



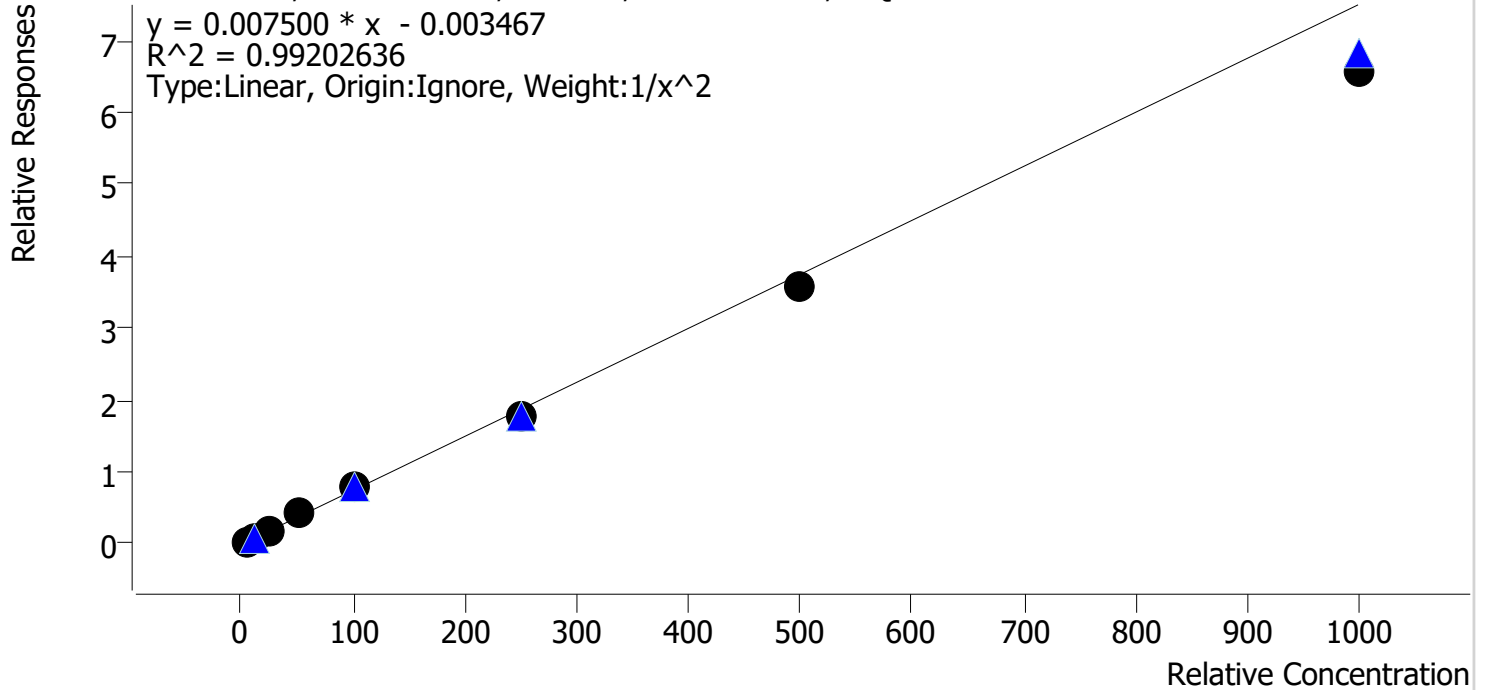
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.8
cal 2 mdq	2	✓	10.0	10.4	104.5
cal 3 mdq	3	✓	25.0	23.7	94.7
cal 4 mdq	4	✓	50.0	55.6	111.2
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	239.9	96.0
cal 7 mdq	7	✓	500.0	482.9	96.6
cal 8 mdq	8	✓	1000.0	982.0	98.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Alprazolam-D5

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



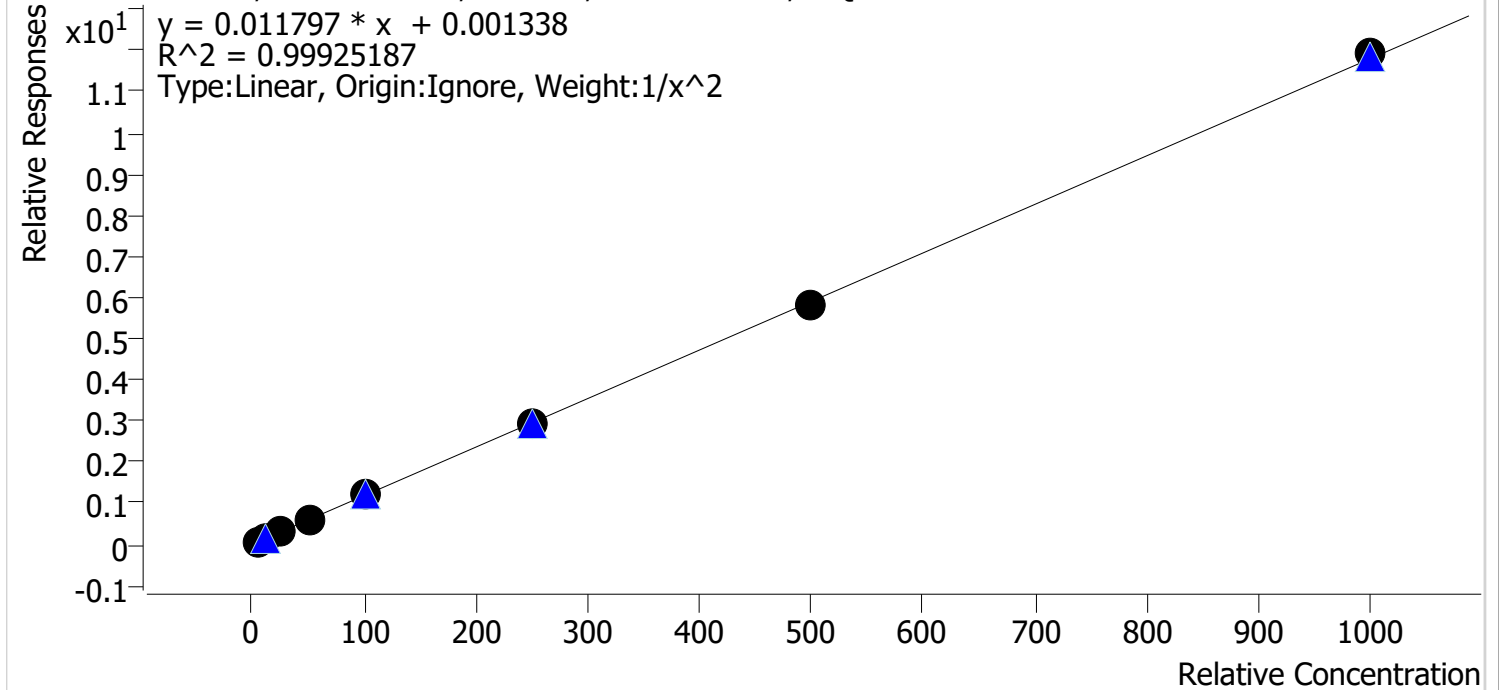
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.3
cal 2 mdq	2	✓	10.0	10.3	103.2
cal 3 mdq	3	✓	25.0	26.0	104.1
cal 4 mdq	4	✓	50.0	55.9	111.8
cal 5 mdq	5	✓	100.0	106.7	106.7
cal 6 mdq	6	✓	250.0	237.4	95.0
cal 7 mdq	7	✓	500.0	476.2	95.2
cal 8 mdq	8	✓	1000.0	877.3	87.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



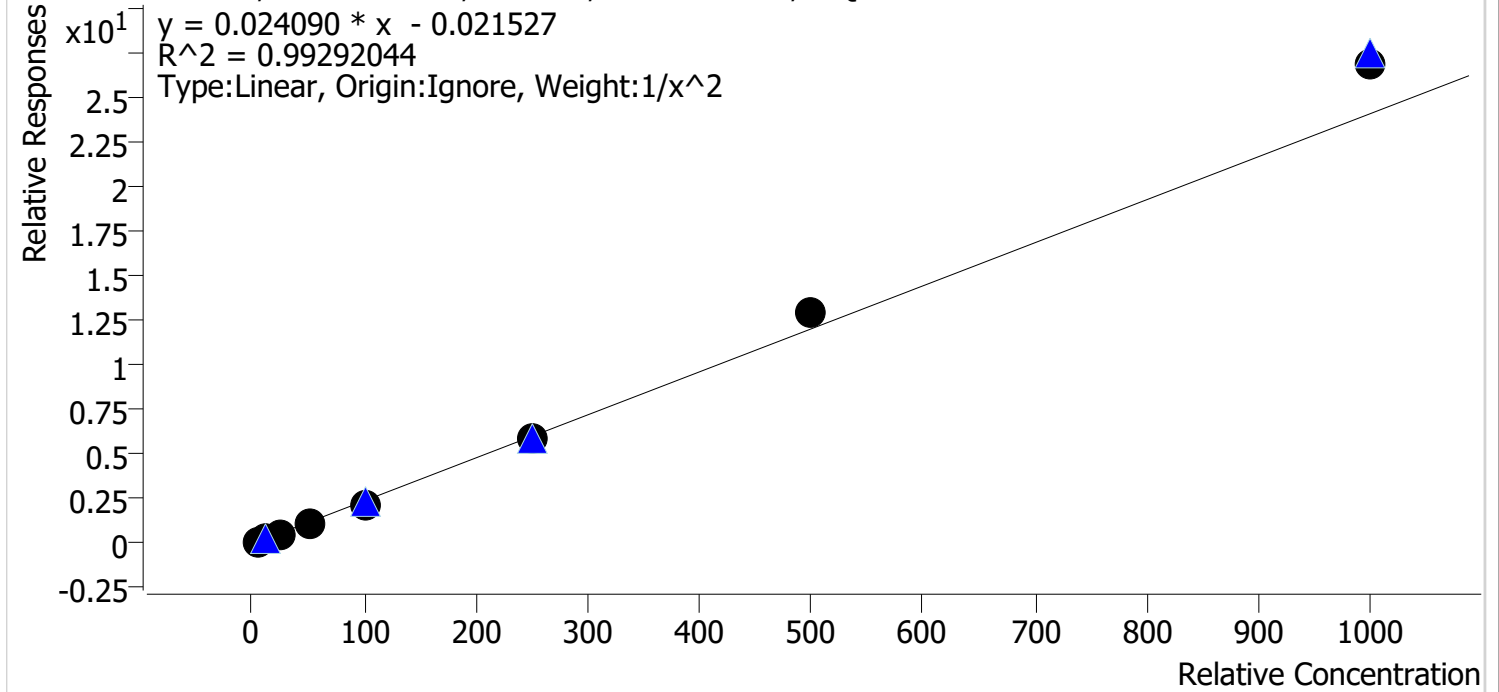
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.0
cal 2 mdq	2	✓	10.0	9.8	98.5
cal 3 mdq	3	✓	25.0	24.1	96.4
cal 4 mdq	4	✓	50.0	52.2	104.5
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	247.8	99.1
cal 7 mdq	7	✓	500.0	494.7	98.9
cal 8 mdq	8	✓	1000.0	1010.7	101.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



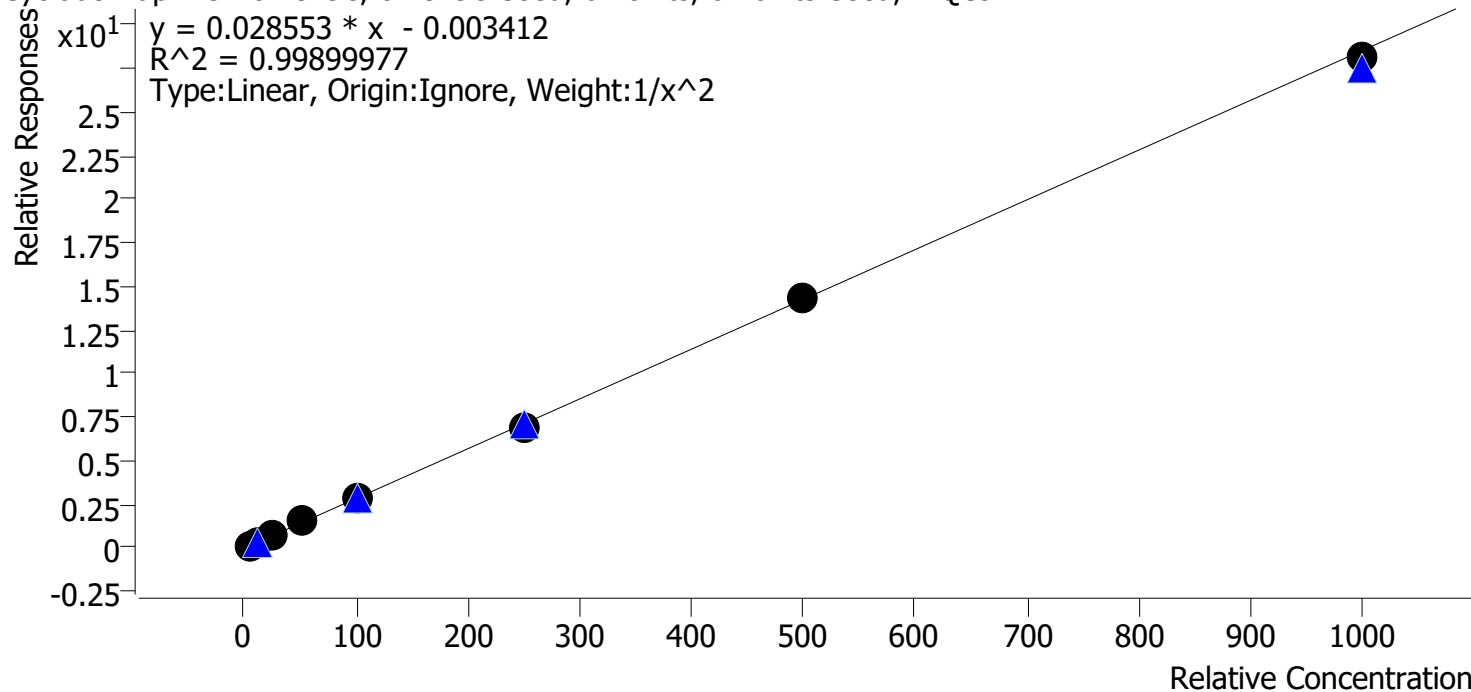
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.2
cal 2 mdq	2	✓	10.0	9.9	98.7
cal 3 mdq	3	✓	25.0	22.4	89.7
cal 4 mdq	4	✓	50.0	48.6	97.2
cal 5 mdq	5	✓	100.0	93.6	93.6
cal 6 mdq	6	✓	250.0	244.1	97.7
cal 7 mdq	7	✓	500.0	541.5	108.3
cal 8 mdq	8	✓	1000.0	1116.2	111.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



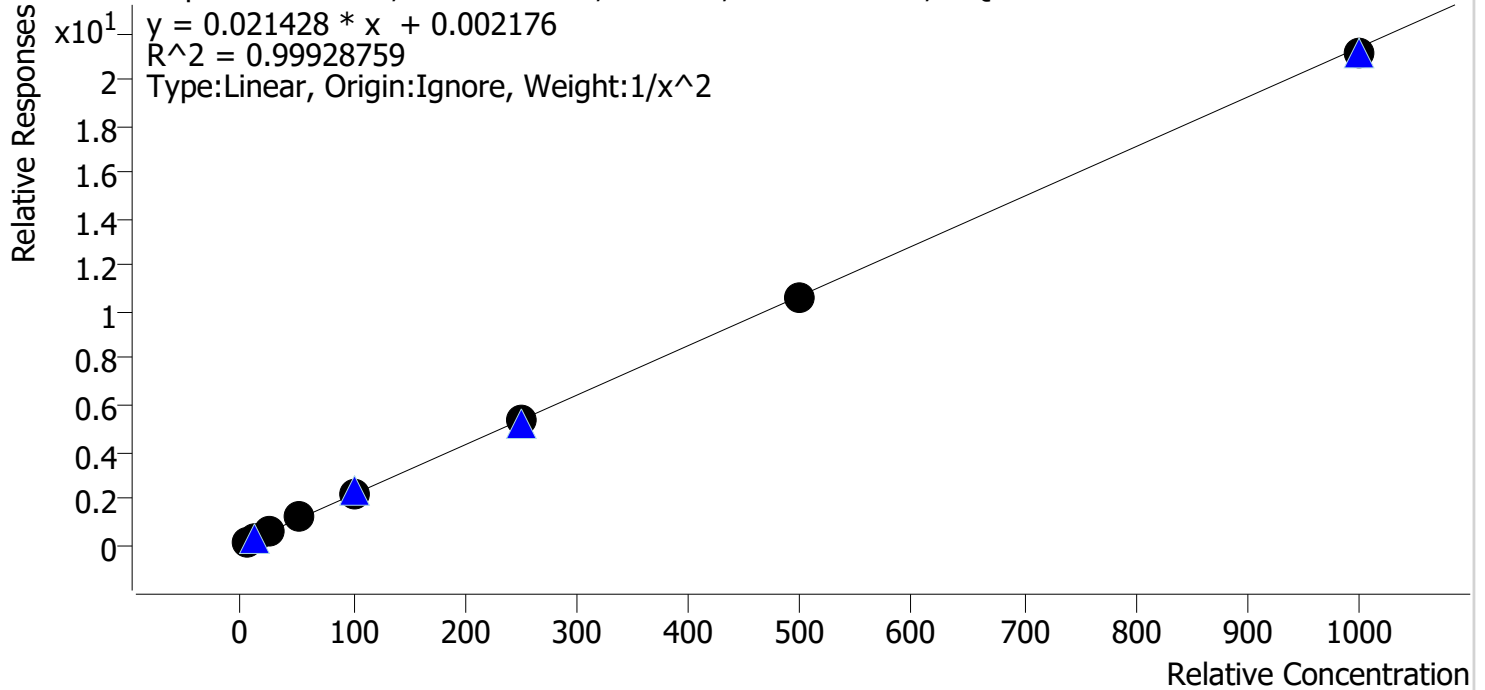
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.7
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	24.2	96.9
cal 4 mdq	4	✓	50.0	52.9	105.8
cal 5 mdq	5	✓	100.0	99.9	99.9
cal 6 mdq	6	✓	250.0	243.7	97.5
cal 7 mdq	7	✓	500.0	504.0	100.8
cal 8 mdq	8	✓	1000.0	985.9	98.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



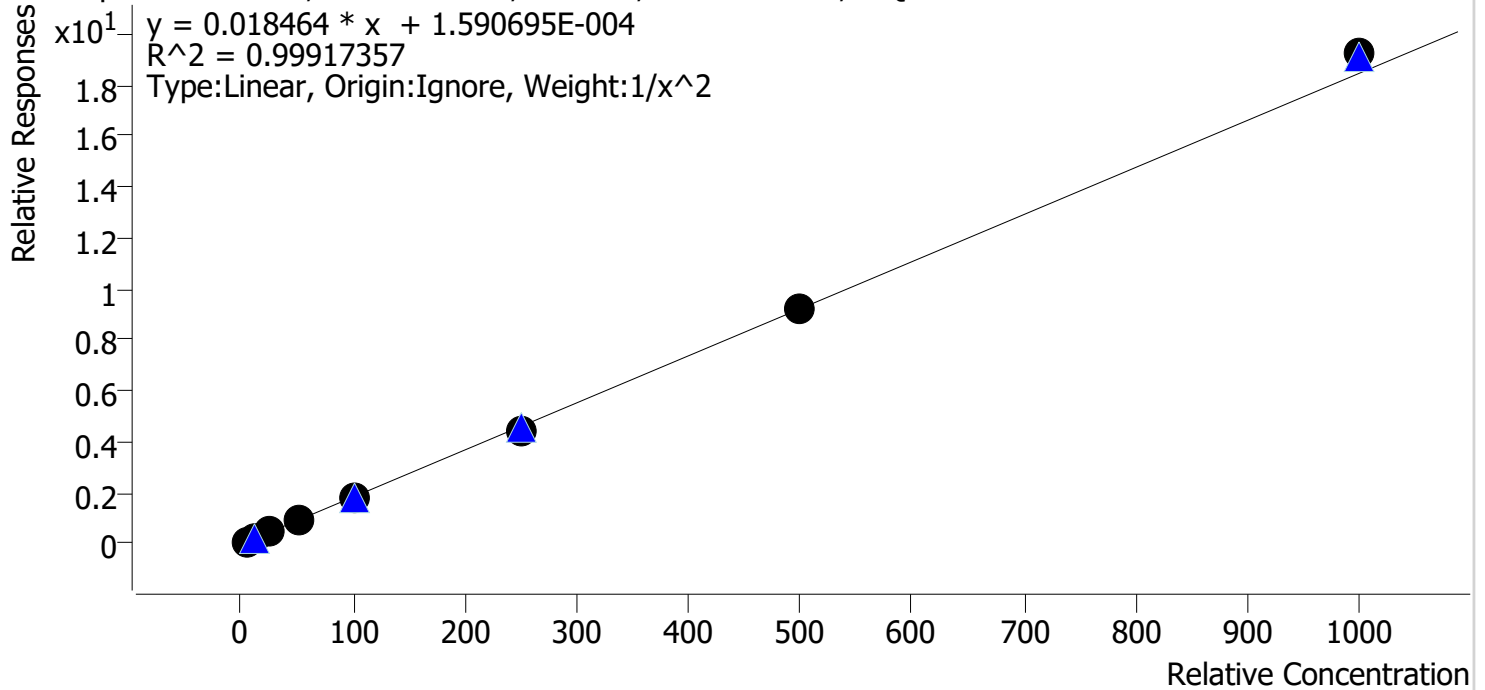
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.4	97.4
cal 4 mdq	4	✓	50.0	52.3	104.6
cal 5 mdq	5	✓	100.0	102.0	102.0
cal 6 mdq	6	✓	250.0	246.5	98.6
cal 7 mdq	7	✓	500.0	494.9	99.0
cal 8 mdq	8	✓	1000.0	985.8	98.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



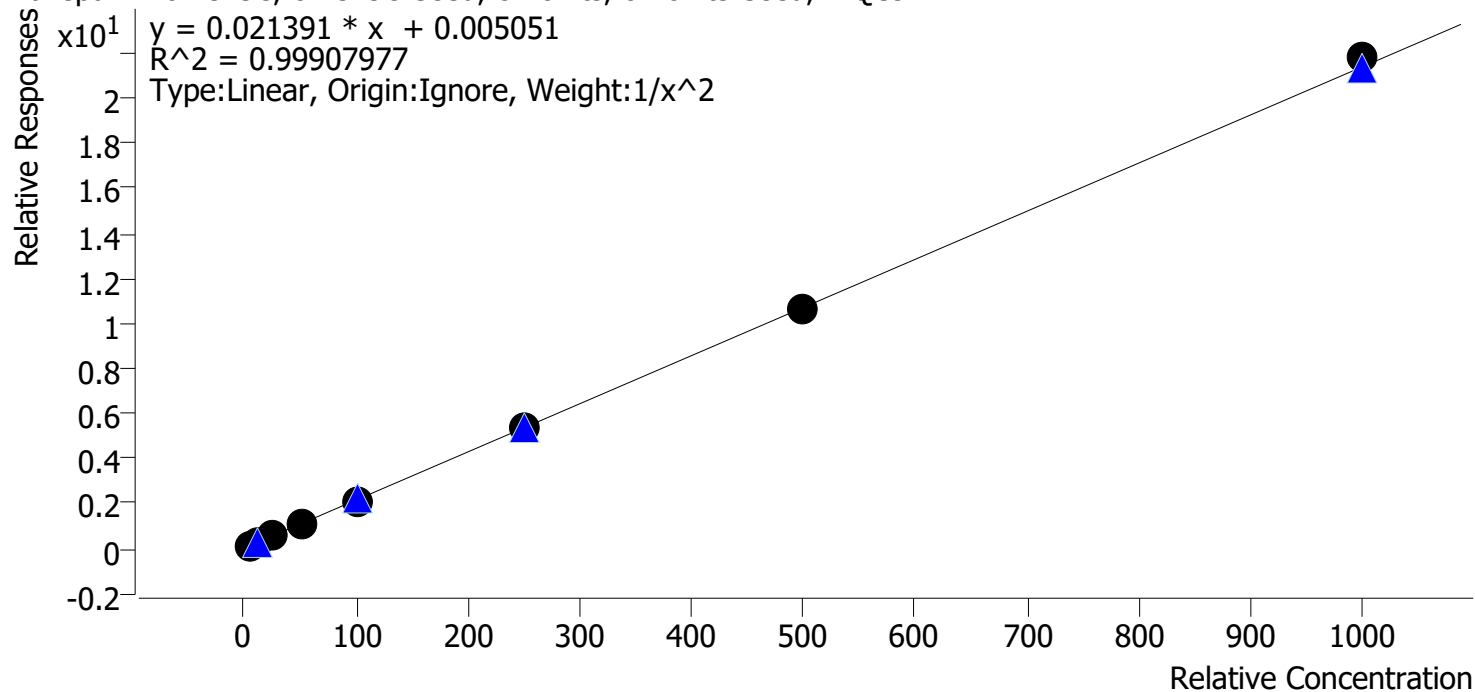
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.6
cal 2 mdq	2	✓	10.0	10.0	99.7
cal 3 mdq	3	✓	25.0	24.3	97.0
cal 4 mdq	4	✓	50.0	51.4	102.9
cal 5 mdq	5	✓	100.0	98.7	98.7
cal 6 mdq	6	✓	250.0	243.6	97.4
cal 7 mdq	7	✓	500.0	497.7	99.5
cal 8 mdq	8	✓	1000.0	1041.9	104.2

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



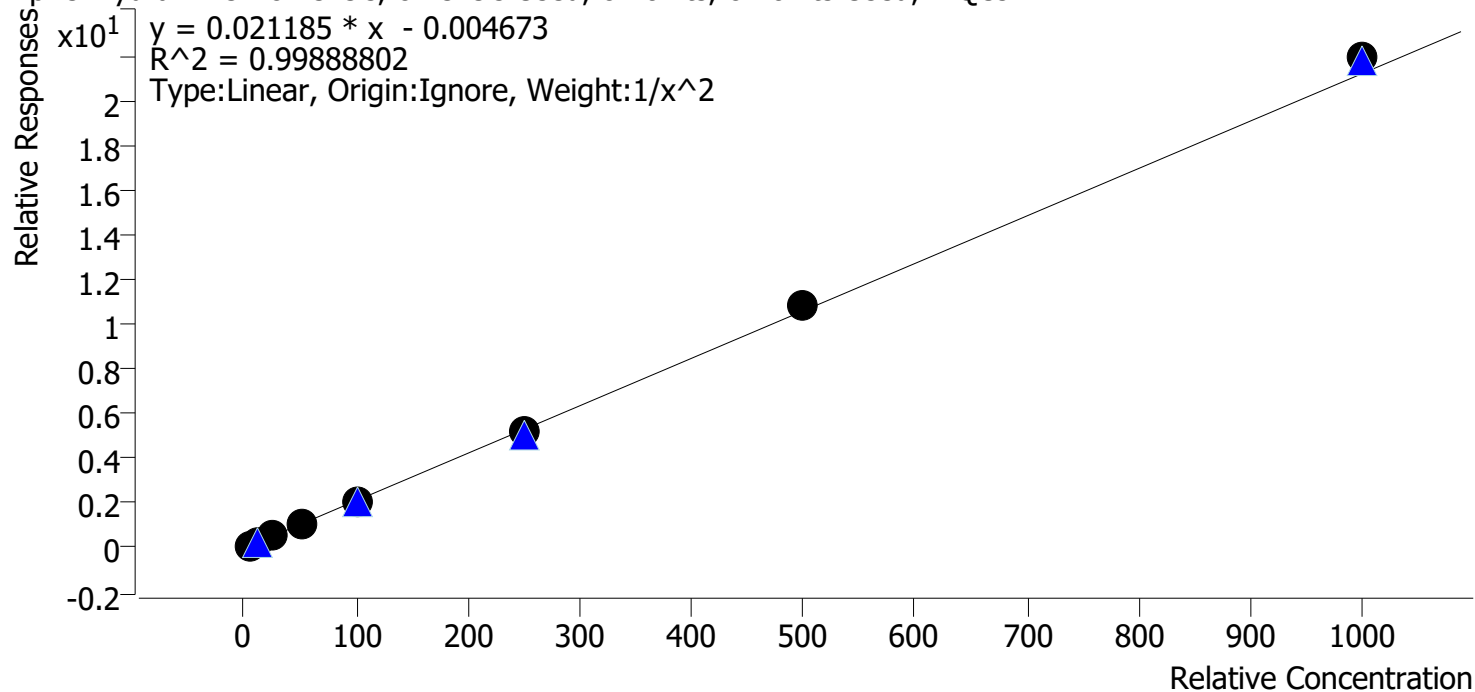
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.0	99.8
cal 3 mdq	3	✓	25.0	24.2	96.7
cal 4 mdq	4	✓	50.0	52.6	105.3
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	247.0	98.8
cal 7 mdq	7	✓	500.0	495.0	99.0
cal 8 mdq	8	✓	1000.0	1019.3	101.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



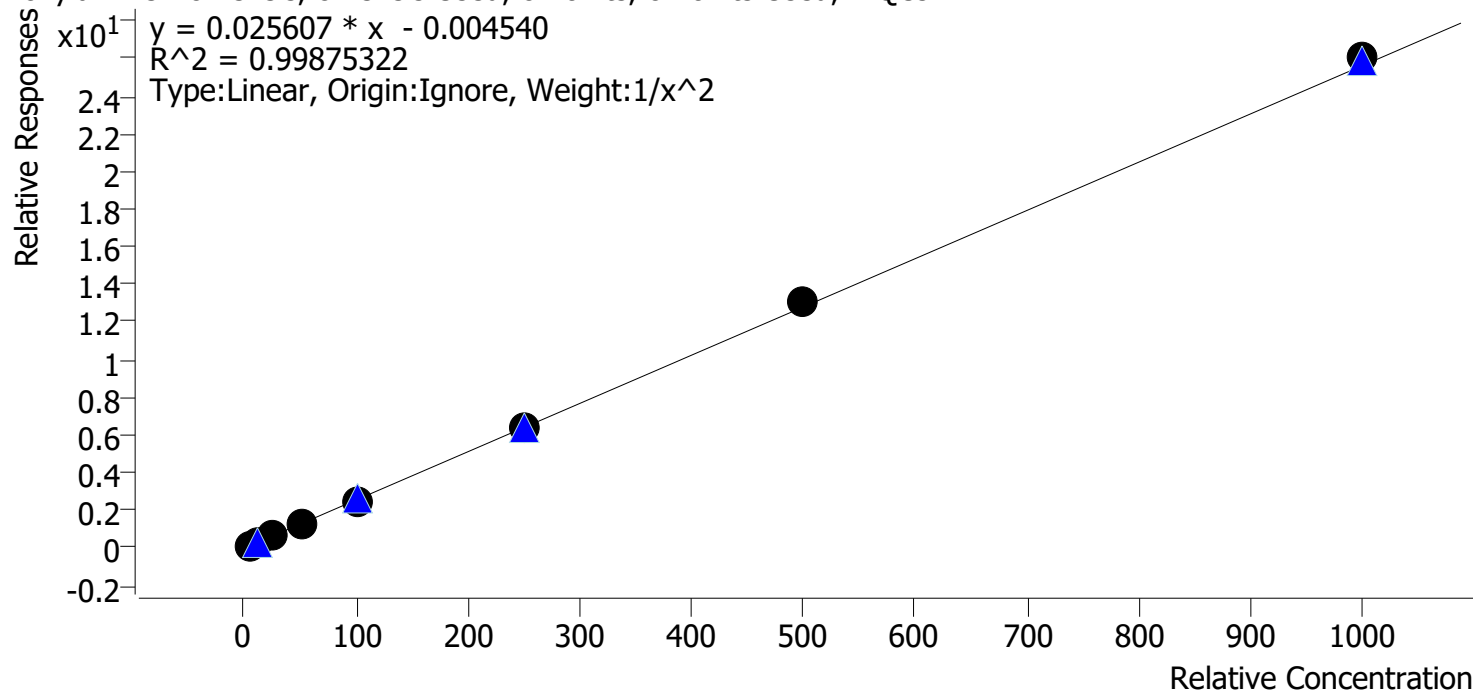
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.0
cal 2 mdq	2	✓	10.0	9.7	97.4
cal 3 mdq	3	✓	25.0	23.9	95.4
cal 4 mdq	4	✓	50.0	51.1	102.1
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	246.0	98.4
cal 7 mdq	7	✓	500.0	512.9	102.6
cal 8 mdq	8	✓	1000.0	1033.7	103.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



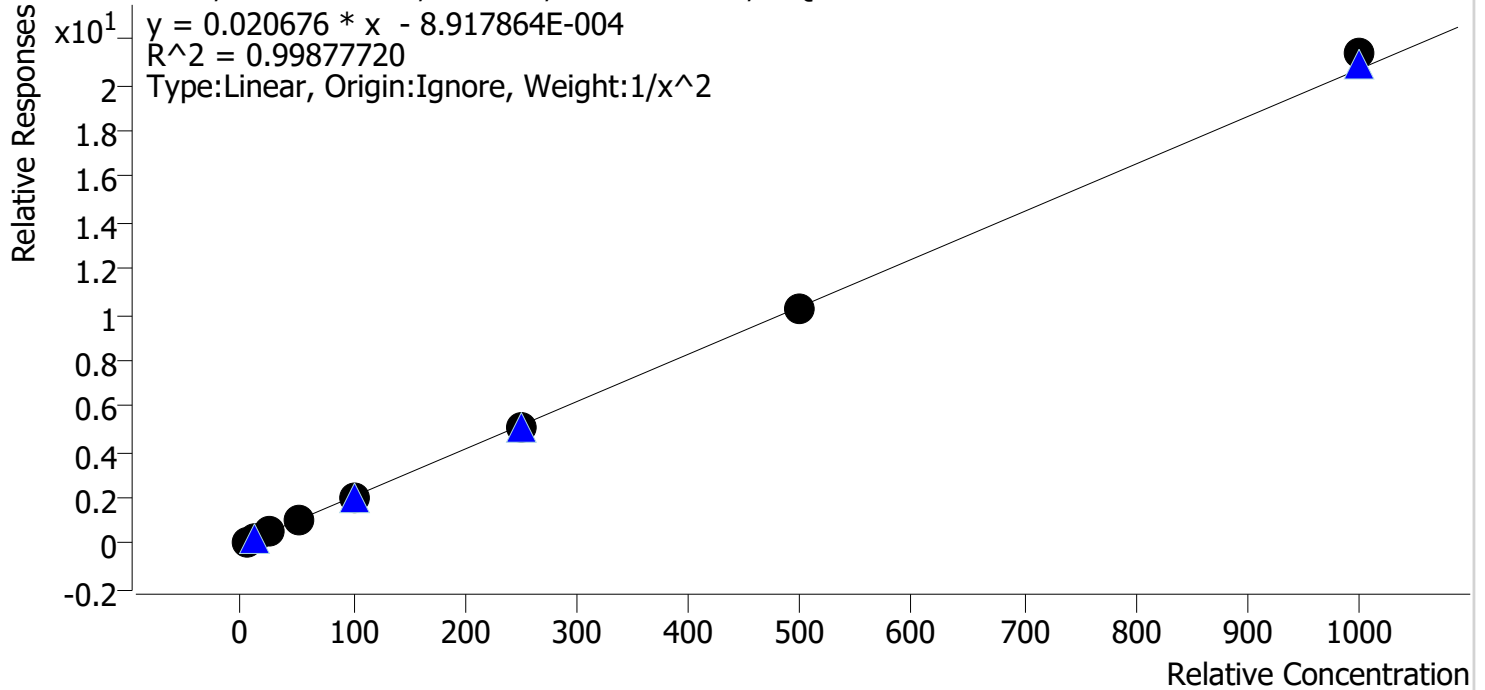
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.8
cal 2 mdq	2	✓	10.0	9.6	95.6
cal 3 mdq	3	✓	25.0	23.9	95.4
cal 4 mdq	4	✓	50.0	51.6	103.2
cal 5 mdq	5	✓	100.0	99.0	99.0
cal 6 mdq	6	✓	250.0	251.4	100.6
cal 7 mdq	7	✓	500.0	508.7	101.7
cal 8 mdq	8	✓	1000.0	1016.9	101.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



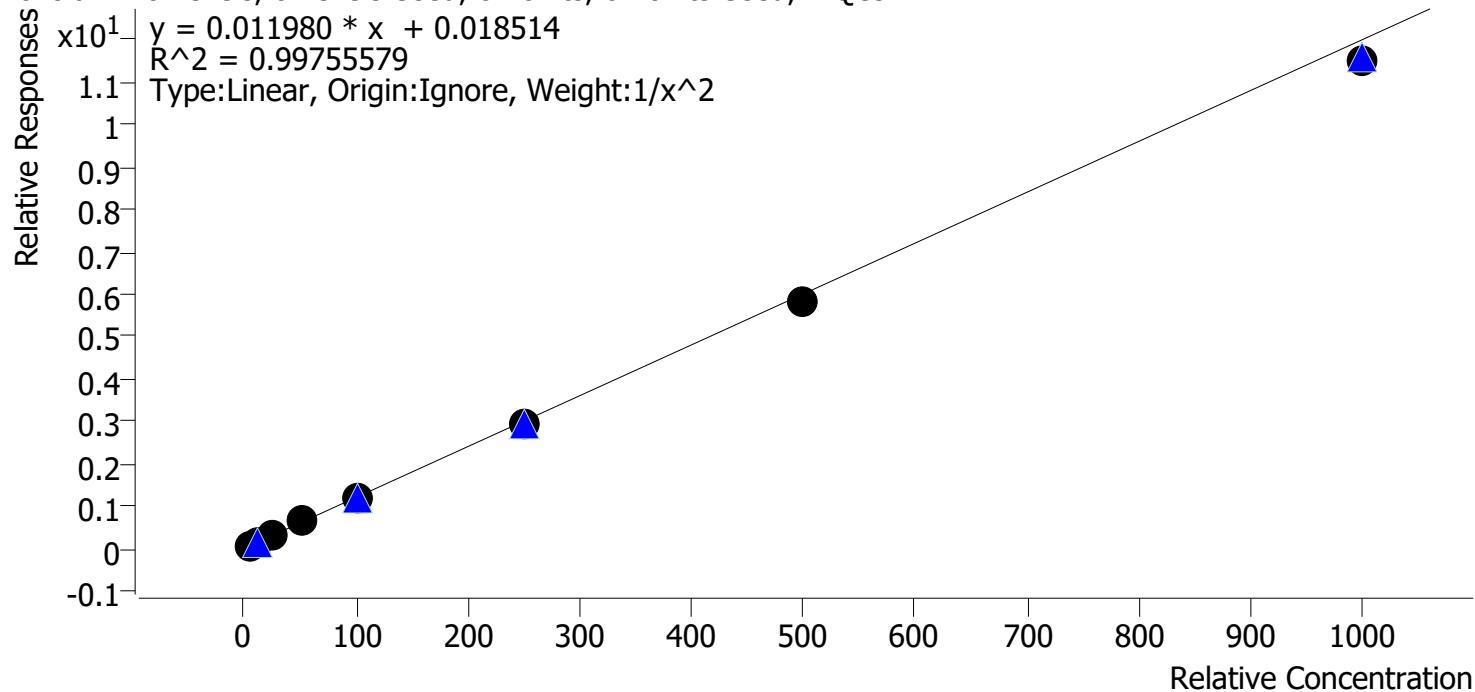
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.4
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.4	97.6
cal 4 mdq	4	✓	50.0	52.8	105.7
cal 5 mdq	5	✓	100.0	98.0	98.0
cal 6 mdq	6	✓	250.0	242.0	96.8
cal 7 mdq	7	✓	500.0	494.3	98.9
cal 8 mdq	8	✓	1000.0	1032.8	103.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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



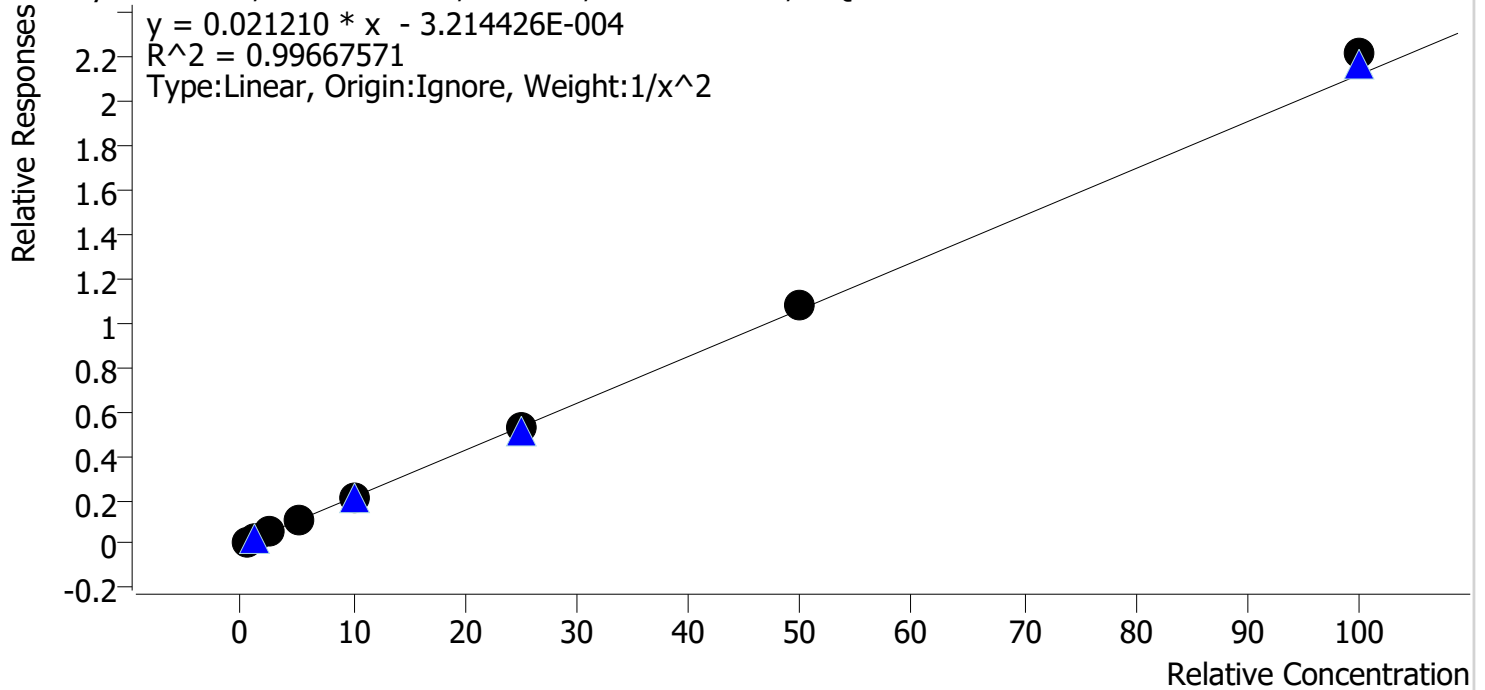
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.9
cal 2 mdq	2	✓	10.0	10.1	101.0
cal 3 mdq	3	✓	25.0	24.6	98.3
cal 4 mdq	4	✓	50.0	55.0	110.0
cal 5 mdq	5	✓	100.0	99.2	99.2
cal 6 mdq	6	✓	250.0	247.1	98.8
cal 7 mdq	7	✓	500.0	487.7	97.5
cal 8 mdq	8	✓	1000.0	961.1	96.1

Compound Calibration Report



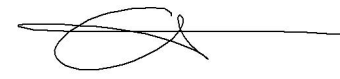
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



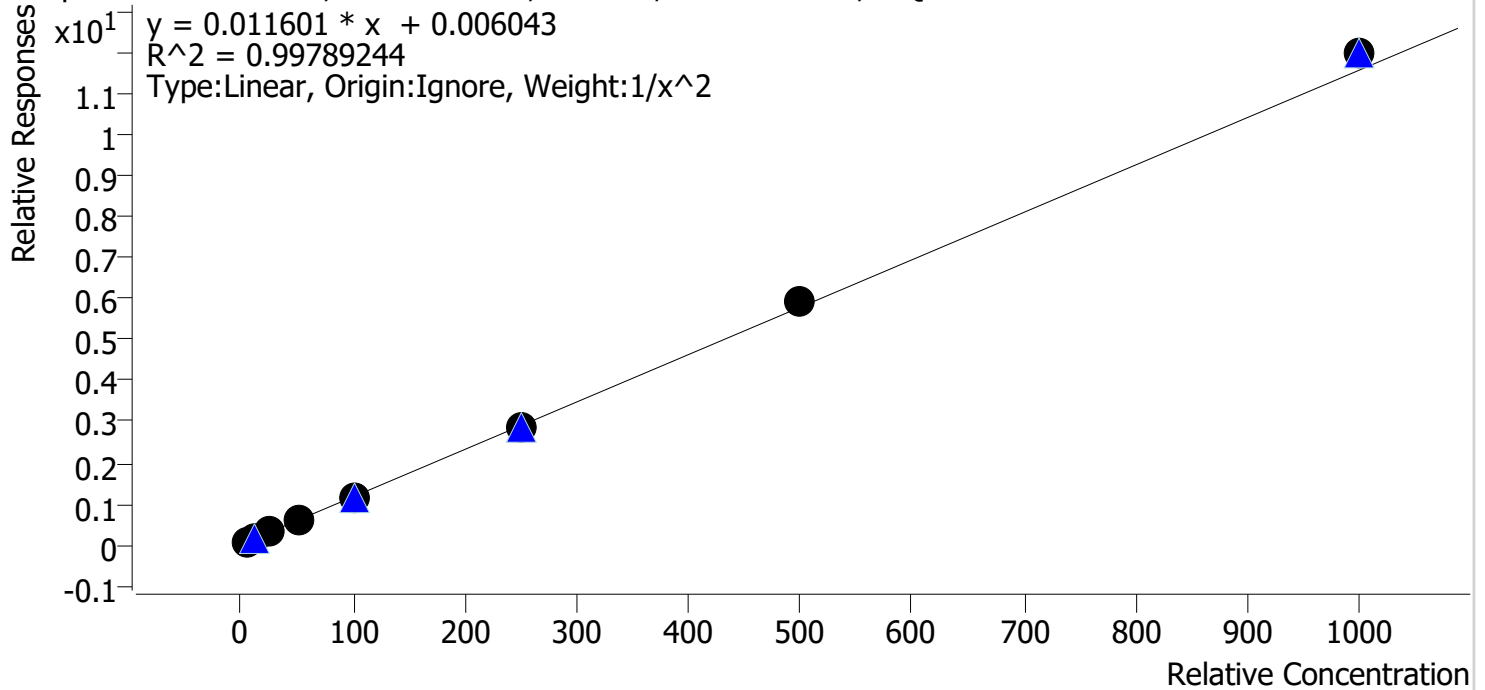
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	105.5
cal 2 mdq	2	✓	1.0	0.9	90.1
cal 3 mdq	3	✓	2.5	2.4	96.1
cal 4 mdq	4	✓	5.0	5.1	101.4
cal 5 mdq	5	✓	10.0	10.1	101.1
cal 6 mdq	6	✓	25.0	24.7	98.8
cal 7 mdq	7	✓	50.0	51.3	102.5
cal 8 mdq	8	✓	100.0	104.5	104.5

Compound Calibration Report



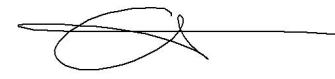
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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

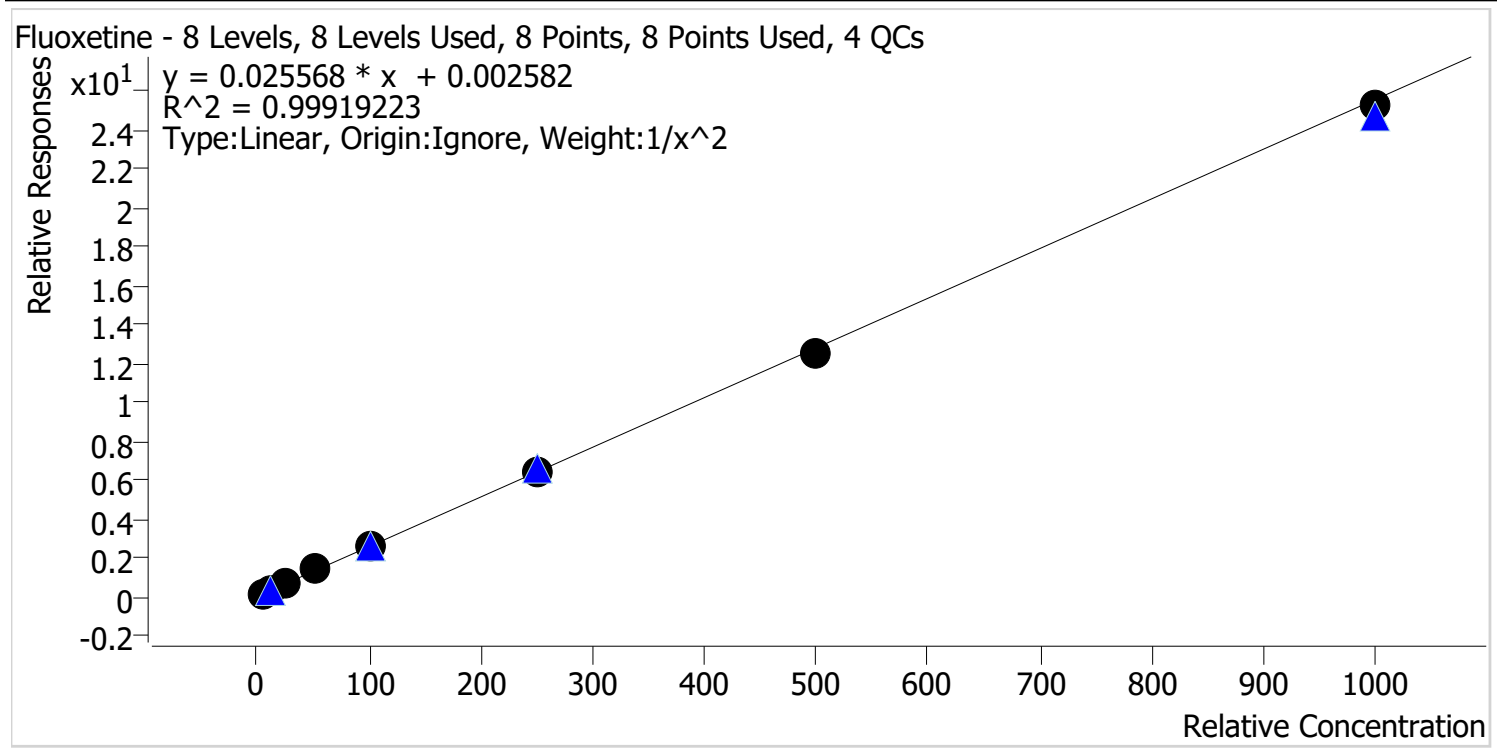


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.6
cal 2 mdq	2	✓	10.0	9.4	94.4
cal 3 mdq	3	✓	25.0	23.5	94.0
cal 4 mdq	4	✓	50.0	51.7	103.4
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	245.6	98.2
cal 7 mdq	7	✓	500.0	508.4	101.7
cal 8 mdq	8	✓	1000.0	1035.0	103.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



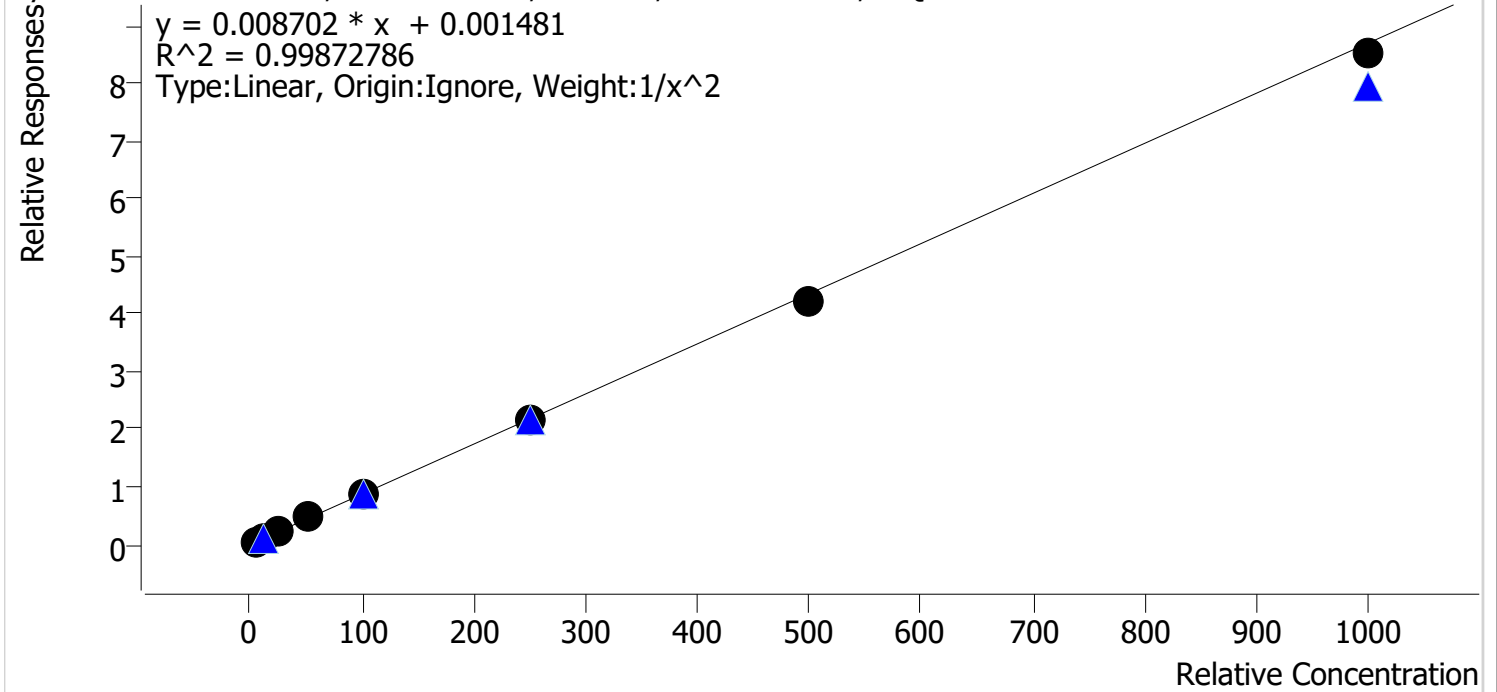
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.8	97.5
cal 3 mdq	3	✓	25.0	24.7	98.9
cal 4 mdq	4	✓	50.0	52.4	104.8
cal 5 mdq	5	✓	100.0	101.9	101.9
cal 6 mdq	6	✓	250.0	248.8	99.5
cal 7 mdq	7	✓	500.0	487.8	97.6
cal 8 mdq	8	✓	1000.0	987.8	98.8

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



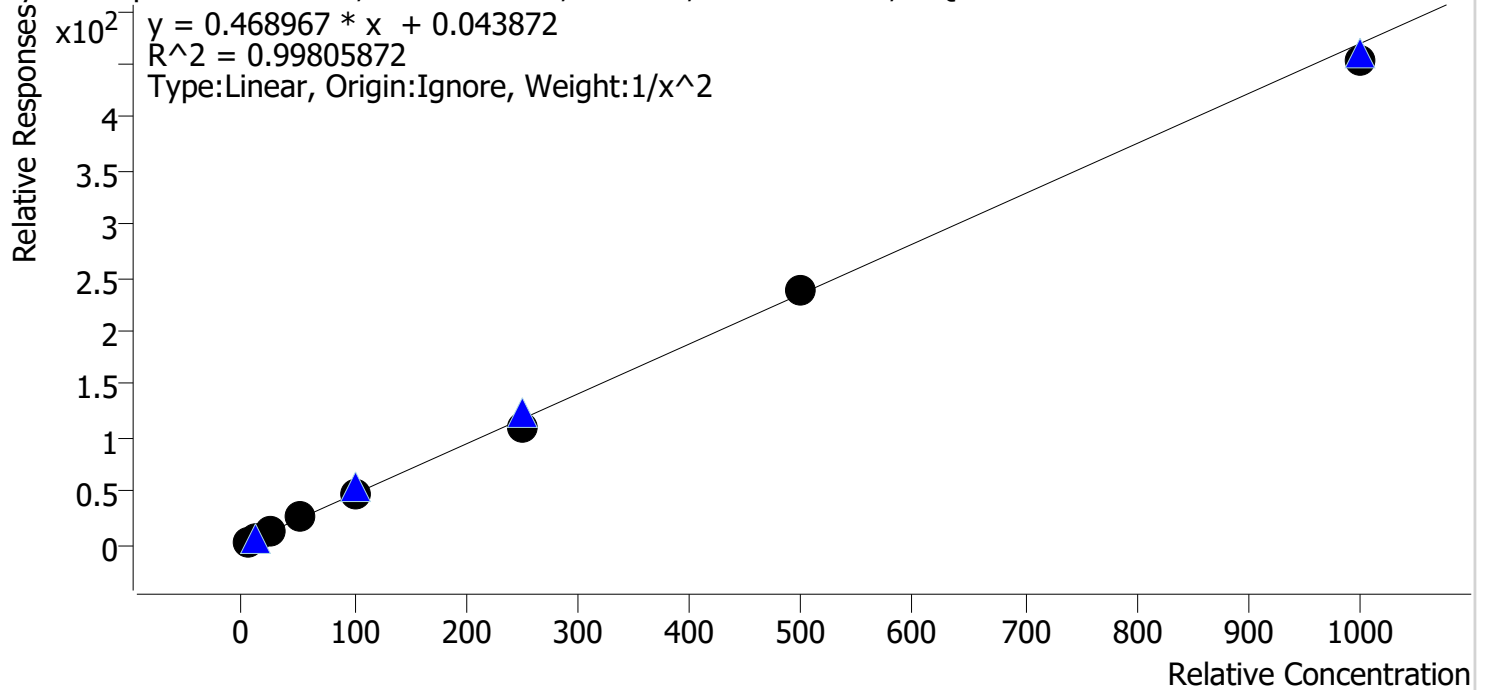
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.6	96.4
cal 3 mdq	3	✓	25.0	25.4	101.6
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	102.7	102.7
cal 6 mdq	6	✓	250.0	246.2	98.5
cal 7 mdq	7	✓	500.0	484.4	96.9
cal 8 mdq	8	✓	1000.0	979.1	97.9

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Morphine-D6

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

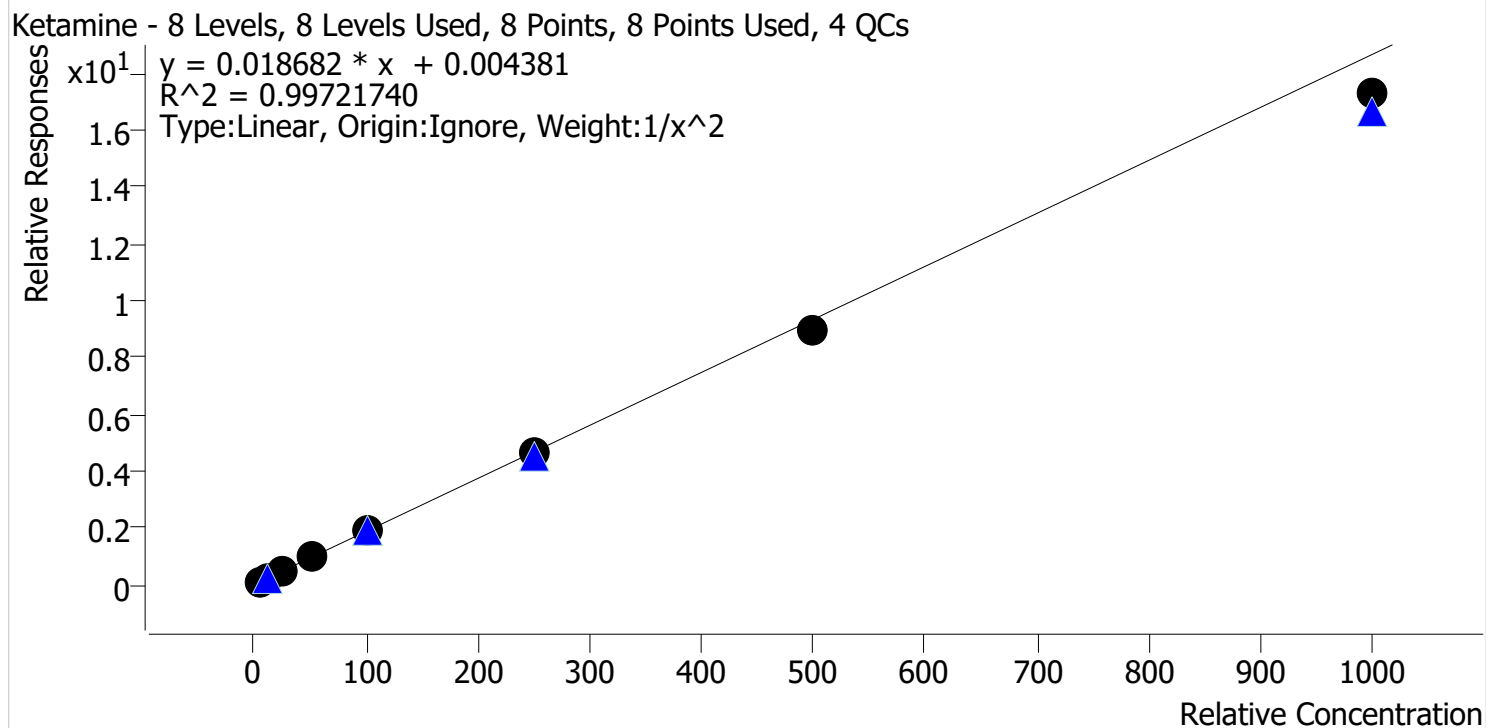


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.9
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	26.4	105.4
cal 4 mdq	4	✓	50.0	52.4	104.8
cal 5 mdq	5	✓	100.0	98.6	98.6
cal 6 mdq	6	✓	250.0	236.7	94.7
cal 7 mdq	7	✓	500.0	504.0	100.8
cal 8 mdq	8	✓	1000.0	963.7	96.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



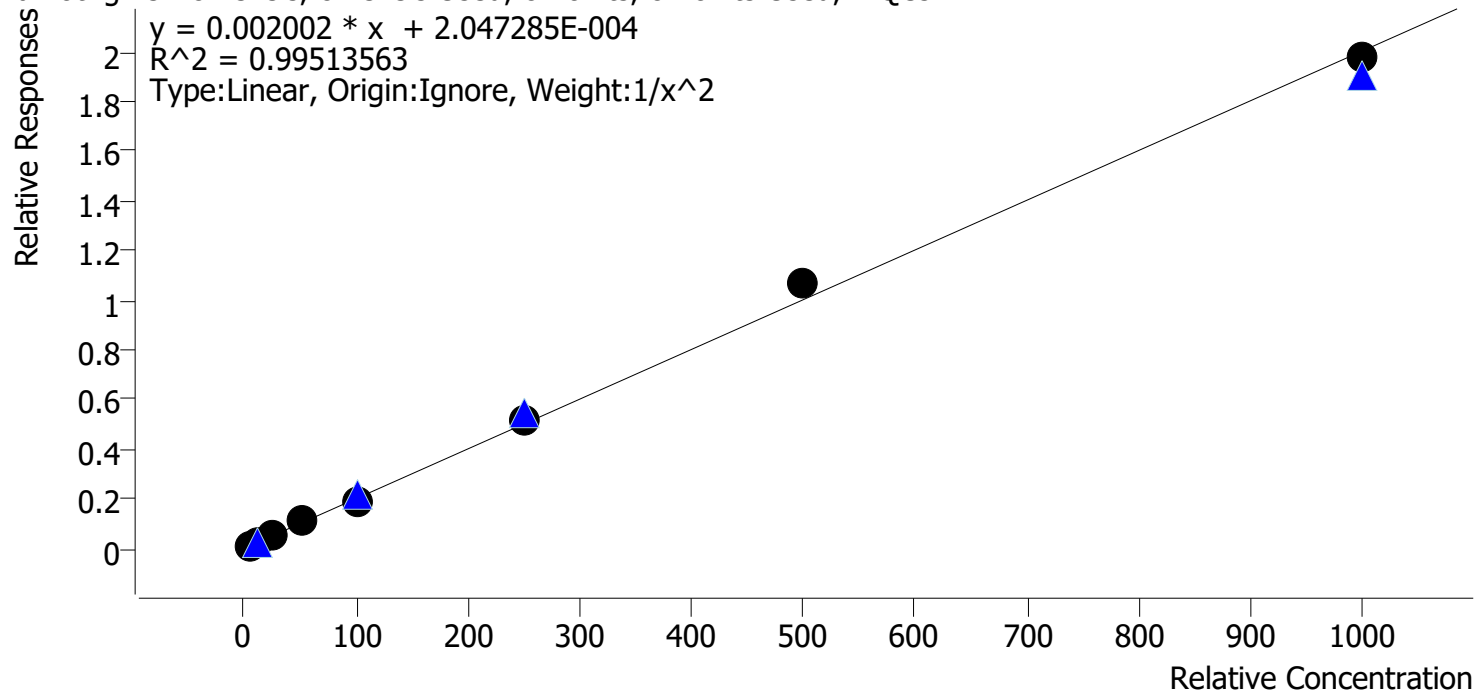
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.5
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	25.2	100.6
cal 4 mdq	4	✓	50.0	54.1	108.1
cal 5 mdq	5	✓	100.0	103.3	103.3
cal 6 mdq	6	✓	250.0	248.6	99.5
cal 7 mdq	7	✓	500.0	482.4	96.5
cal 8 mdq	8	✓	1000.0	926.1	92.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

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



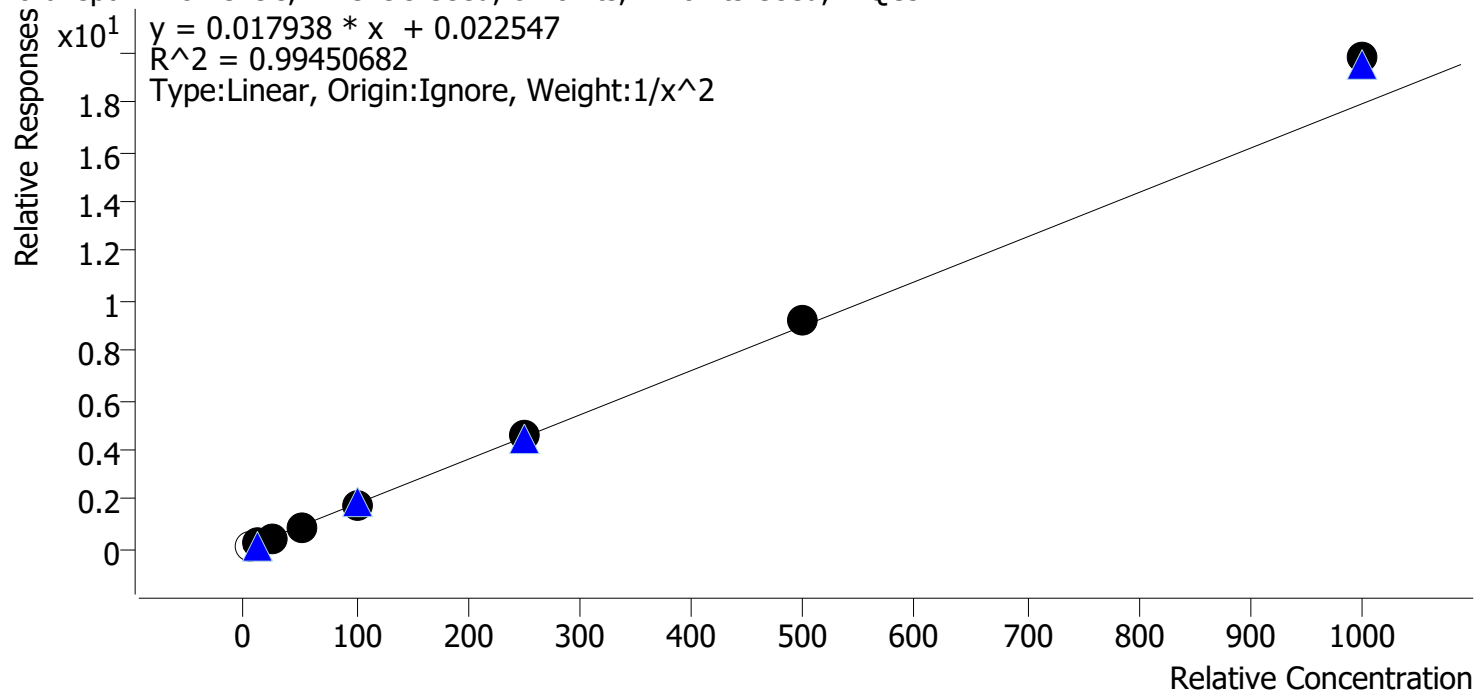
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	105.0
cal 2 mdq	2	✓	10.0	9.2	92.3
cal 3 mdq	3	✓	25.0	23.0	91.8
cal 4 mdq	4	✓	50.0	52.9	105.8
cal 5 mdq	5	✓	100.0	96.3	96.3
cal 6 mdq	6	✓	250.0	258.1	103.3
cal 7 mdq	7	✓	500.0	534.3	106.9
cal 8 mdq	8	✓	1000.0	986.9	98.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	5.8	115.5
cal 2 mdq	2	✓	10.0	10.3	103.4
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	46.5	93.0
cal 5 mdq	5	✓	100.0	92.9	92.9
cal 6 mdq	6	✓	250.0	255.5	102.2
cal 7 mdq	7	✓	500.0	510.1	102.0
cal 8 mdq	8	✓	1000.0	1103.8	110.4

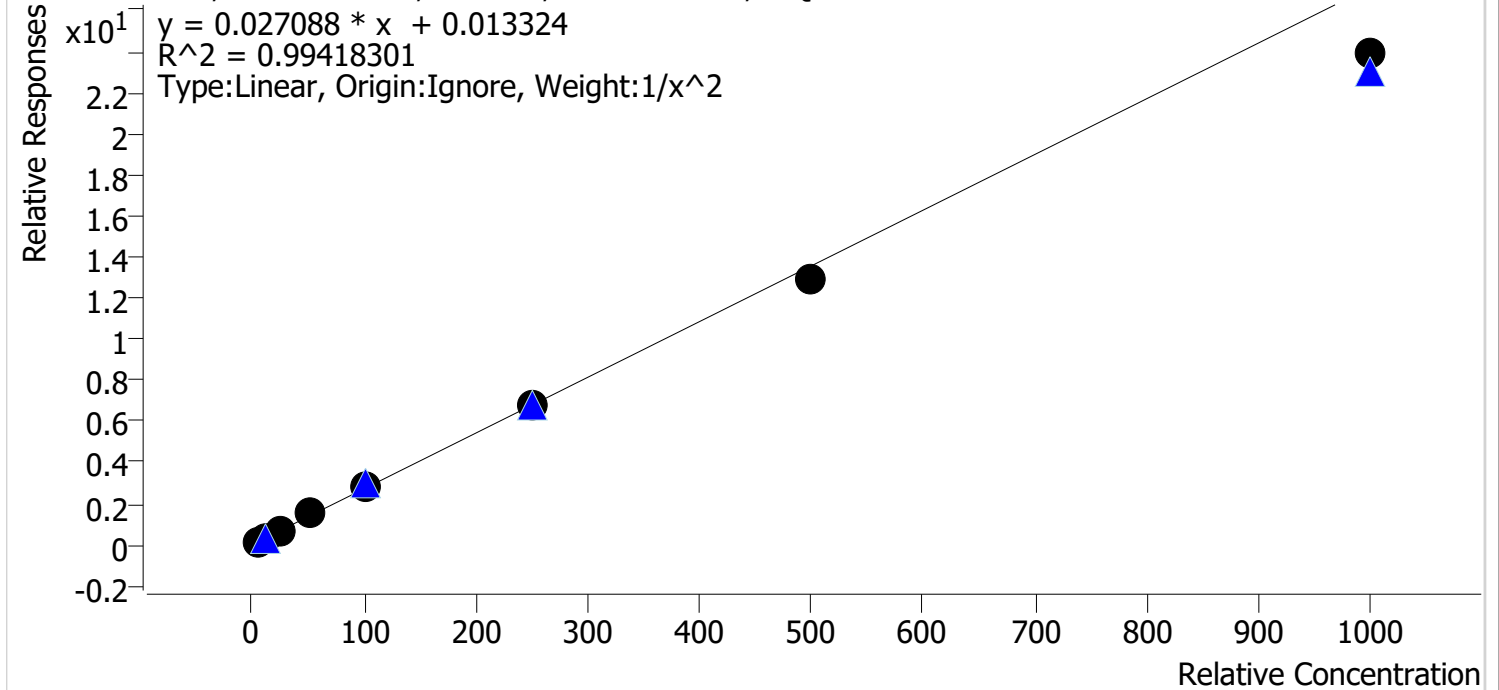
dropped cal 1 does not meet S/N requirements

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



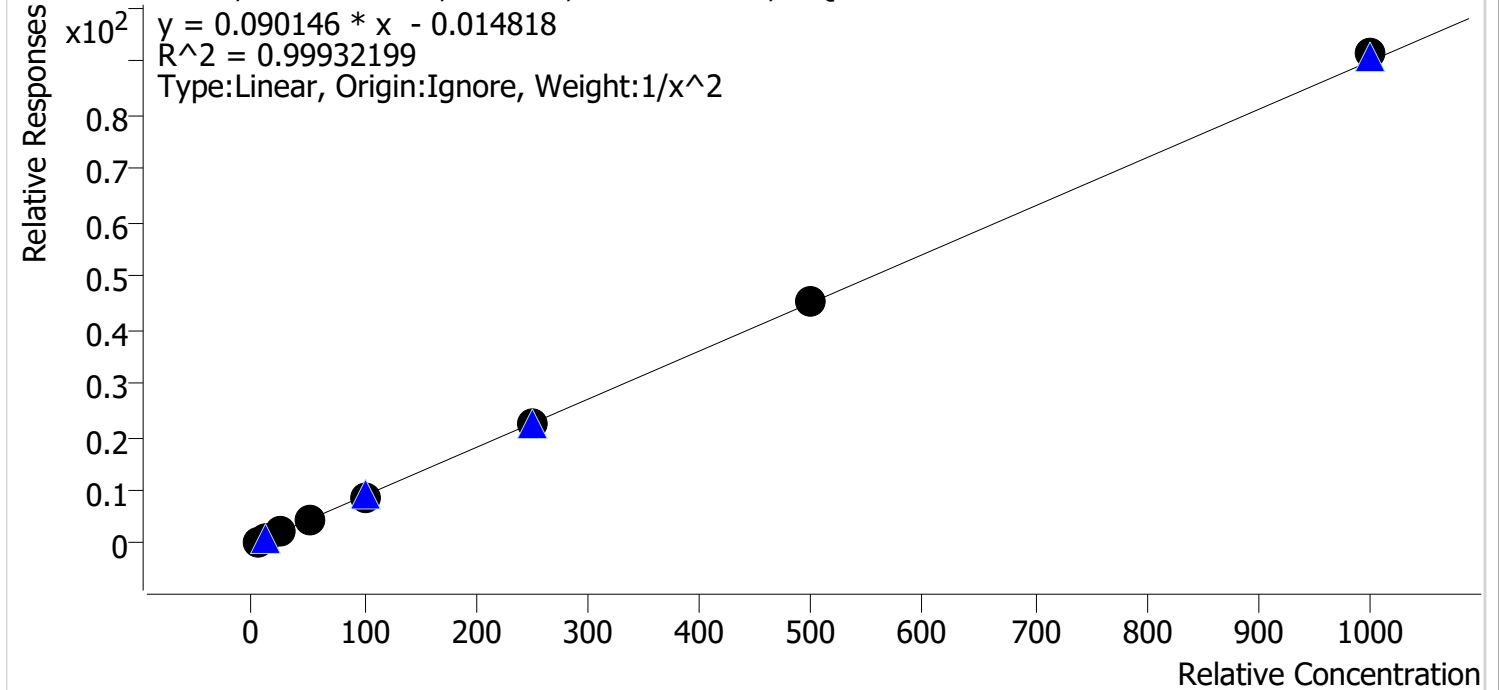
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.1	101.3
cal 3 mdq	3	✓	25.0	25.7	102.7
cal 4 mdq	4	✓	50.0	55.3	110.5
cal 5 mdq	5	✓	100.0	104.6	104.6
cal 6 mdq	6	✓	250.0	249.0	99.6
cal 7 mdq	7	✓	500.0	477.5	95.5
cal 8 mdq	8	✓	1000.0	881.1	88.1

Compound Calibration Report



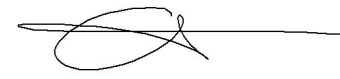
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



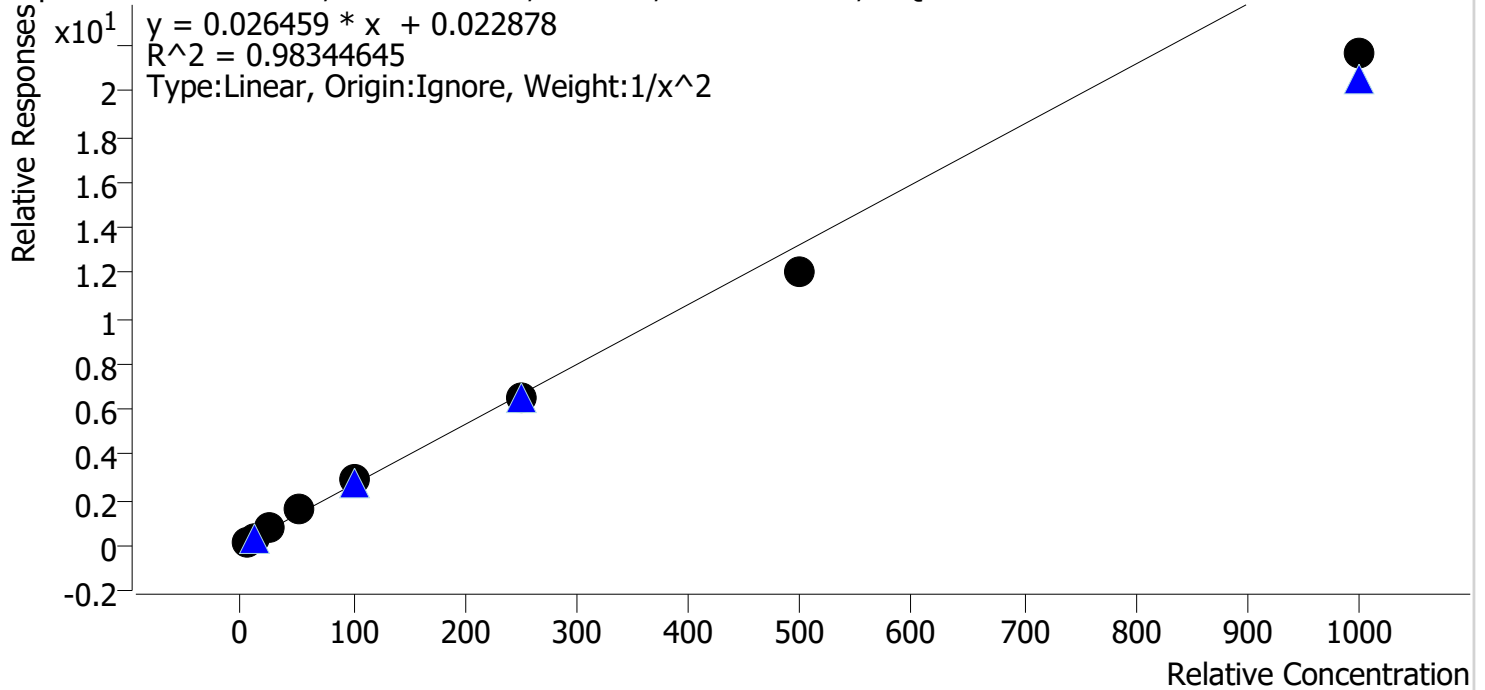
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.5
cal 2 mdq	2	✓	10.0	10.0	100.0
cal 3 mdq	3	✓	25.0	24.0	95.9
cal 4 mdq	4	✓	50.0	51.8	103.5
cal 5 mdq	5	✓	100.0	98.1	98.1
cal 6 mdq	6	✓	250.0	250.6	100.2
cal 7 mdq	7	✓	500.0	500.4	100.1
cal 8 mdq	8	✓	1000.0	1015.7	101.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



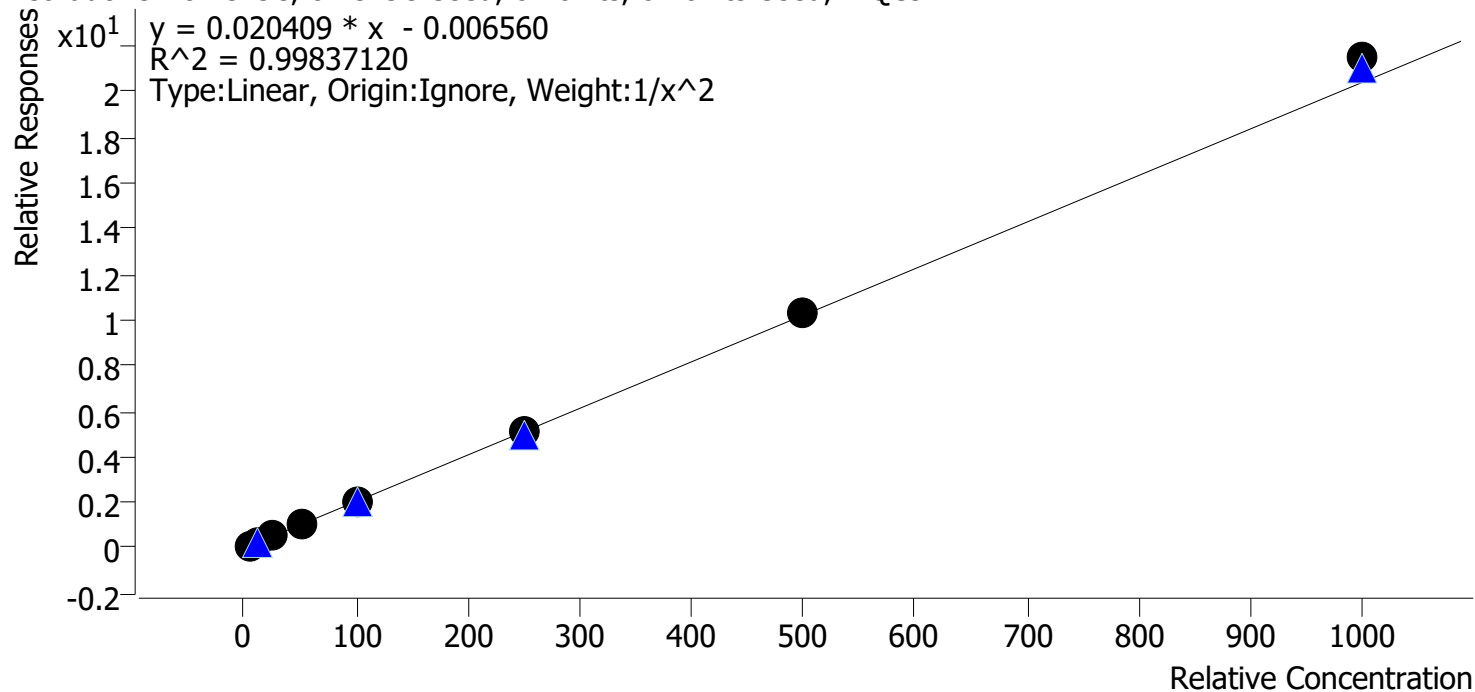
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.5
cal 2 mdq	2	✓	10.0	10.0	100.2
cal 3 mdq	3	✓	25.0	26.8	107.4
cal 4 mdq	4	✓	50.0	59.1	118.2
cal 5 mdq	5	✓	100.0	108.0	108.0
cal 6 mdq	6	✓	250.0	243.2	97.3
cal 7 mdq	7	✓	500.0	453.9	90.8
cal 8 mdq	8	✓	1000.0	817.6	81.8

Compound Calibration Report



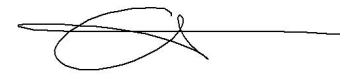
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



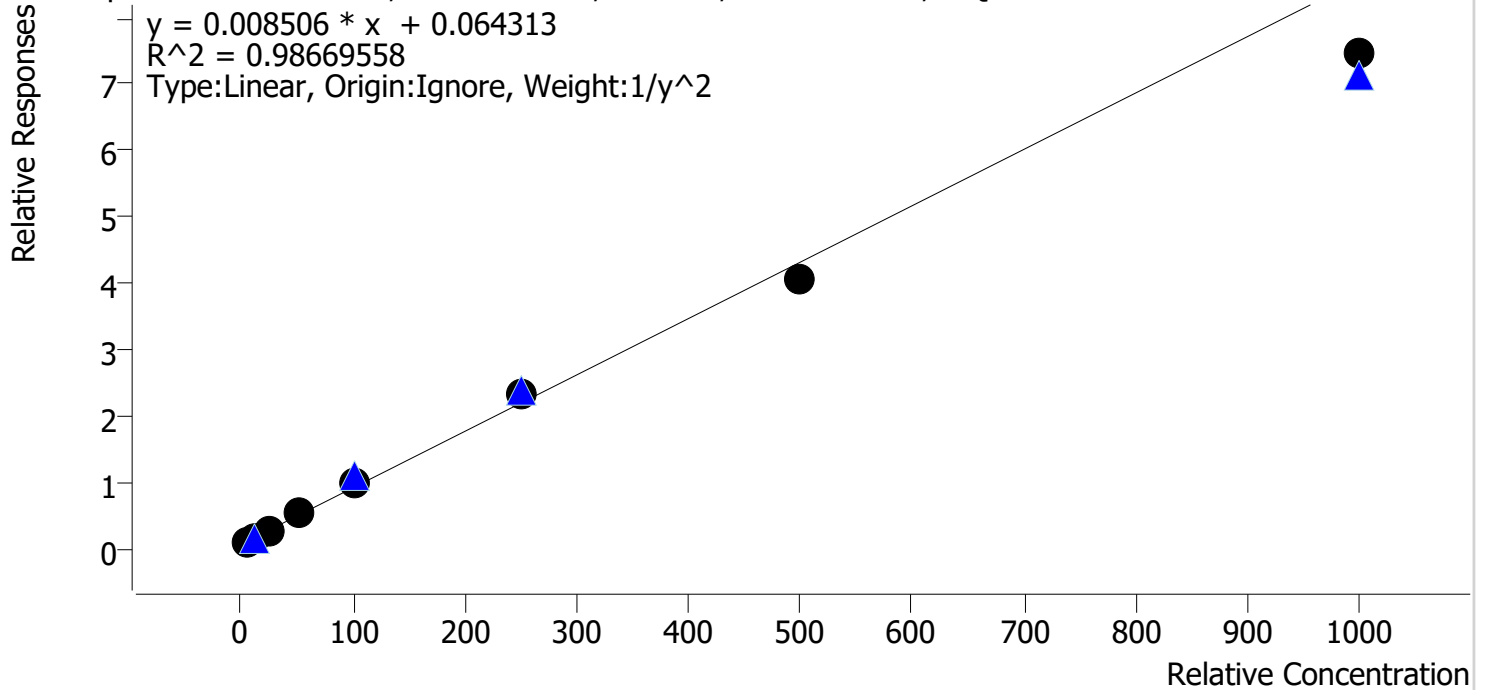
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.8
cal 2 mdq	2	✓	10.0	9.8	98.3
cal 3 mdq	3	✓	25.0	23.8	95.1
cal 4 mdq	4	✓	50.0	51.3	102.7
cal 5 mdq	5	✓	100.0	95.9	95.9
cal 6 mdq	6	✓	250.0	247.9	99.2
cal 7 mdq	7	✓	500.0	508.9	101.8
cal 8 mdq	8	✓	1000.0	1053.3	105.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.2	83.1
cal 2 mdq	2	✓	10.0	11.1	111.4
cal 3 mdq	3	✓	25.0	25.5	102.0
cal 4 mdq	4	✓	50.0	57.2	114.3
cal 5 mdq	5	✓	100.0	111.3	111.3
cal 6 mdq	6	✓	250.0	266.2	106.5
cal 7 mdq	7	✓	500.0	470.6	94.1
cal 8 mdq	8	✓	1000.0	869.9	87.0

Compound Calibration Report

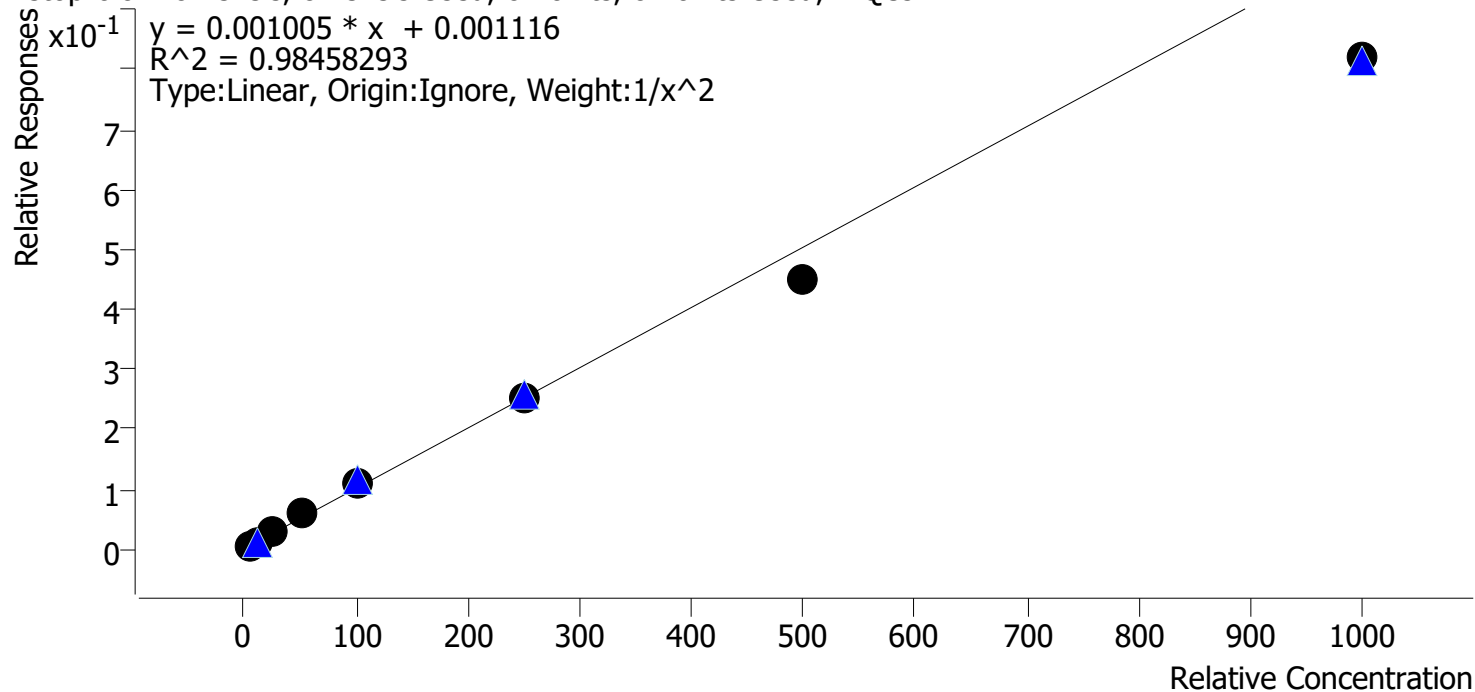


Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Metoprolol

Internal Standard

Pseudoephedrine-D3

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



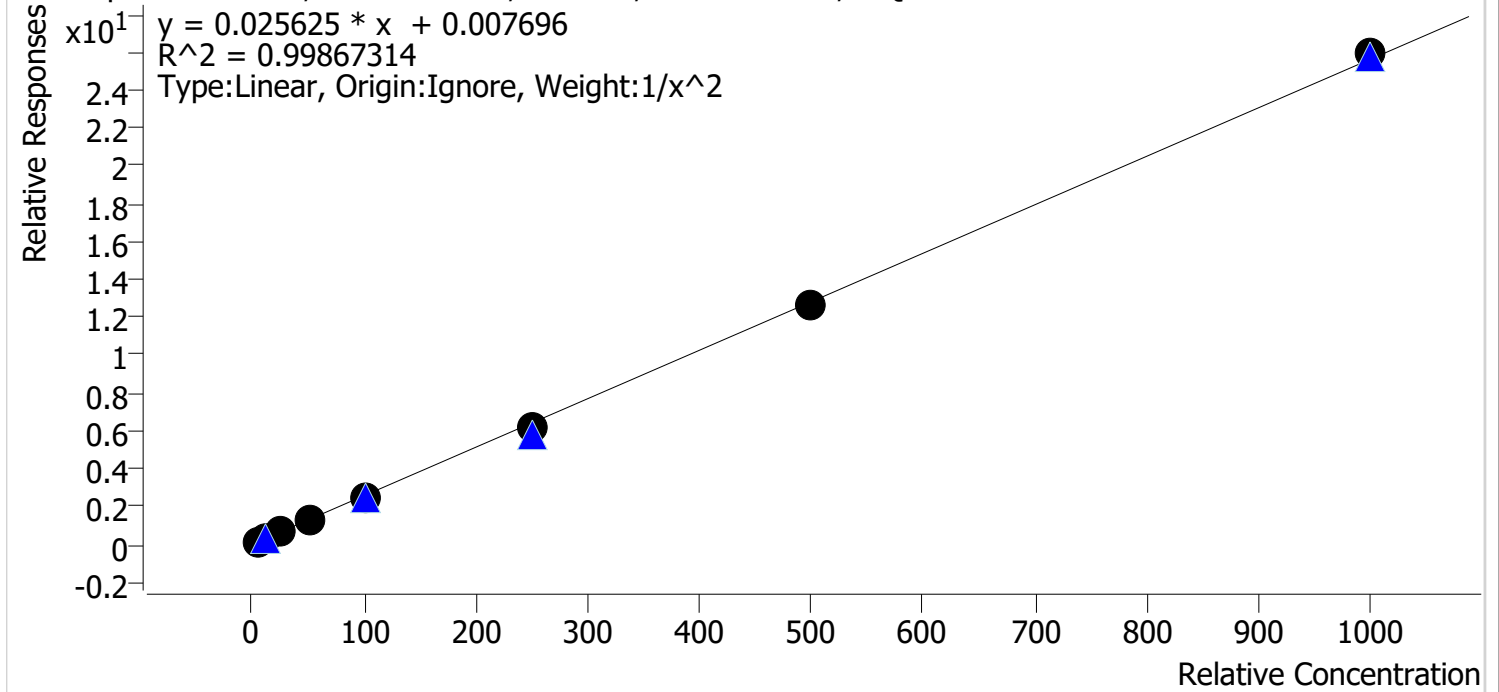
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.7	94.9
cal 2 mdq	2	✓	10.0	10.4	104.2
cal 3 mdq	3	✓	25.0	26.5	106.2
cal 4 mdq	4	✓	50.0	57.6	115.2
cal 5 mdq	5	✓	100.0	107.7	107.7
cal 6 mdq	6	✓	250.0	251.8	100.7
cal 7 mdq	7	✓	500.0	447.9	89.6
cal 8 mdq	8	✓	1000.0	814.4	81.4

Compound Calibration Report



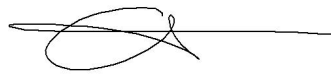
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.8
cal 2 mdq	2	✓	10.0	10.1	100.9
cal 3 mdq	3	✓	25.0	25.7	102.6
cal 4 mdq	4	✓	50.0	52.6	105.2
cal 5 mdq	5	✓	100.0	96.3	96.3
cal 6 mdq	6	✓	250.0	239.2	95.7
cal 7 mdq	7	✓	500.0	496.9	99.4
cal 8 mdq	8	✓	1000.0	1011.9	101.2

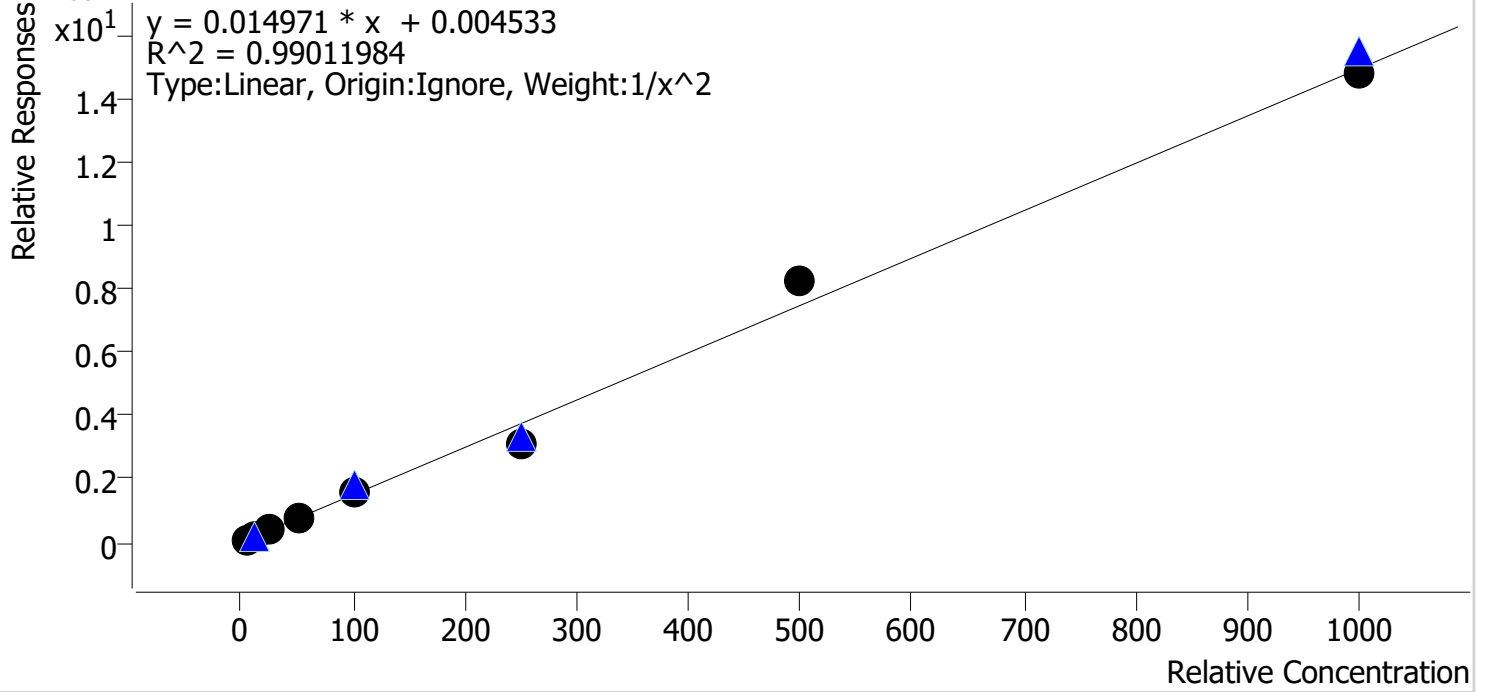
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Mitragynine

Internal Standard Fluoxetine-D6

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



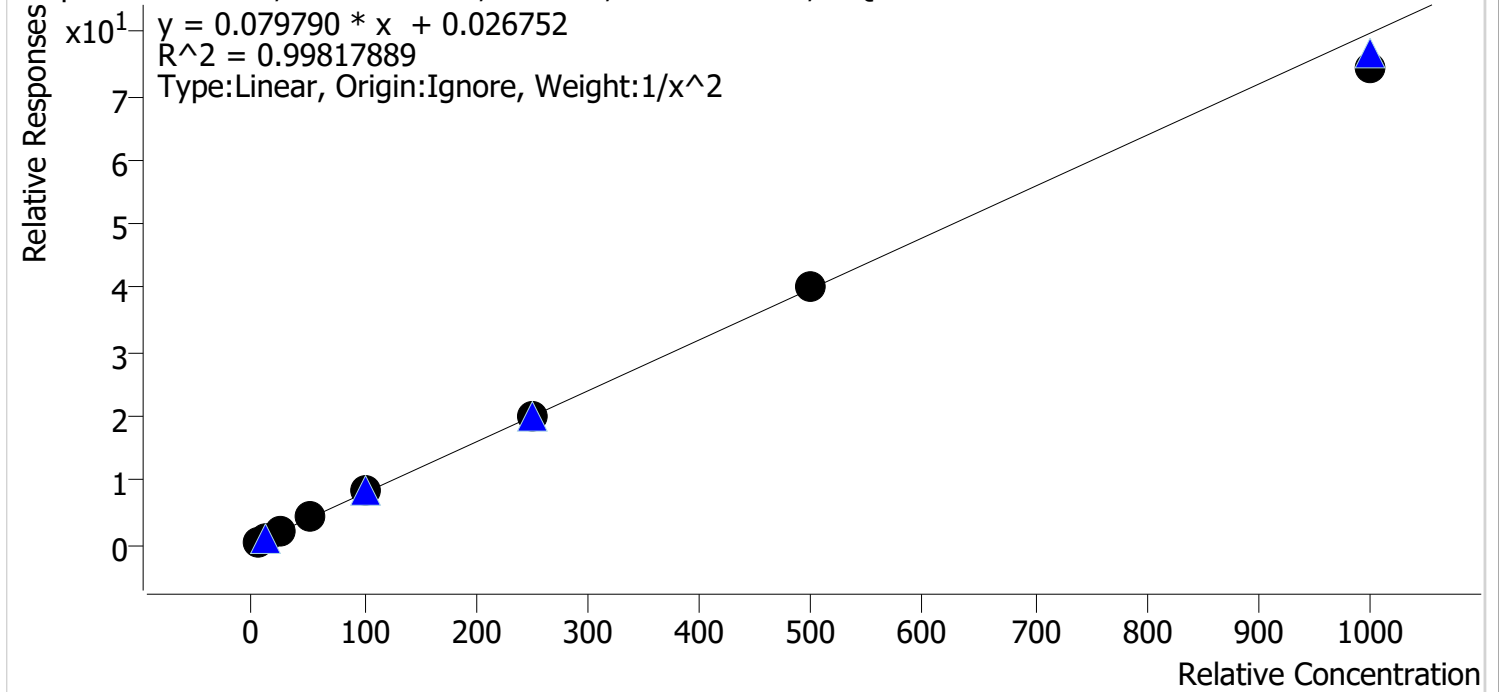
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.5
cal 2 mdq	2	✓	10.0	9.8	97.7
cal 3 mdq	3	✓	25.0	27.7	110.7
cal 4 mdq	4	✓	50.0	47.8	95.7
cal 5 mdq	5	✓	100.0	102.5	102.5
cal 6 mdq	6	✓	250.0	209.5	83.8
cal 7 mdq	7	✓	500.0	554.7	110.9
cal 8 mdq	8	✓	1000.0	991.2	99.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



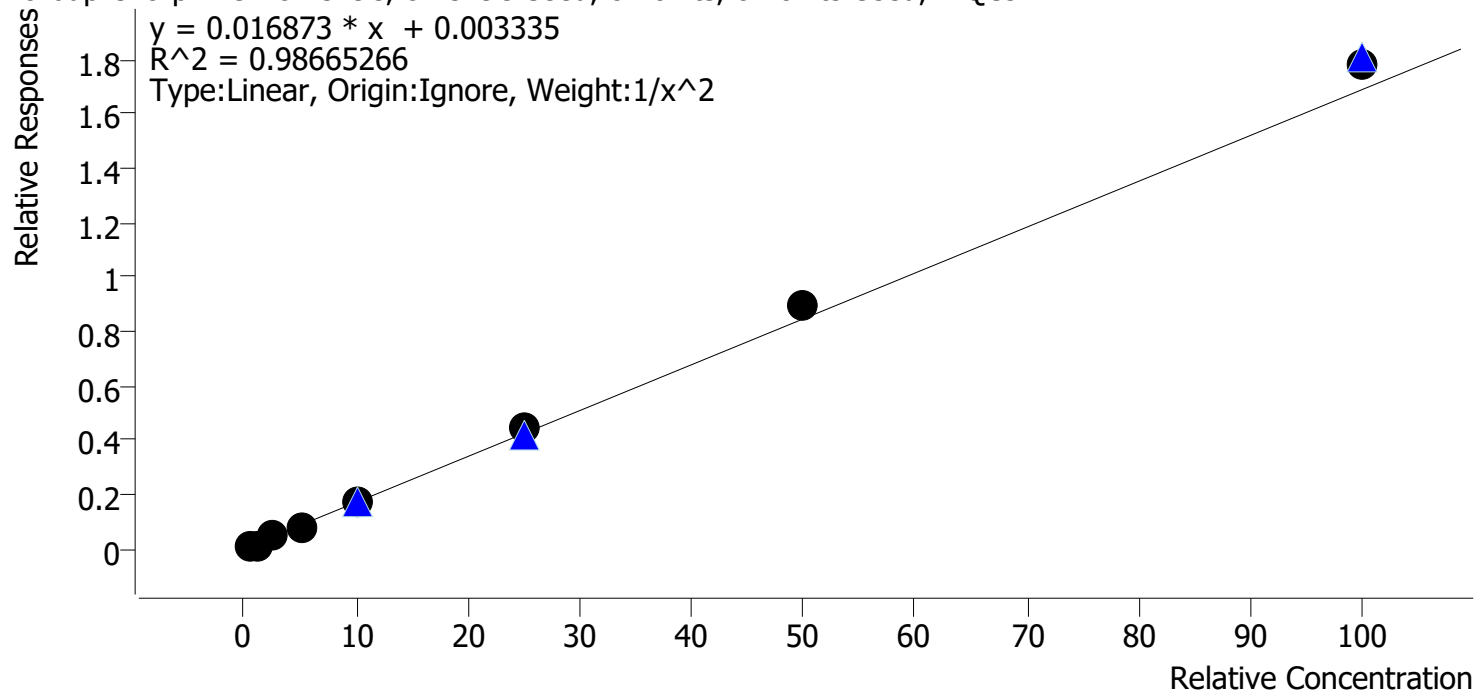
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	99.3
cal 2 mdq	2	✓	10.0	10.2	101.5
cal 3 mdq	3	✓	25.0	24.1	96.6
cal 4 mdq	4	✓	50.0	51.9	103.7
cal 5 mdq	5	✓	100.0	105.0	105.0
cal 6 mdq	6	✓	250.0	250.4	100.2
cal 7 mdq	7	✓	500.0	501.3	100.3
cal 8 mdq	8	✓	1000.0	934.7	93.5

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



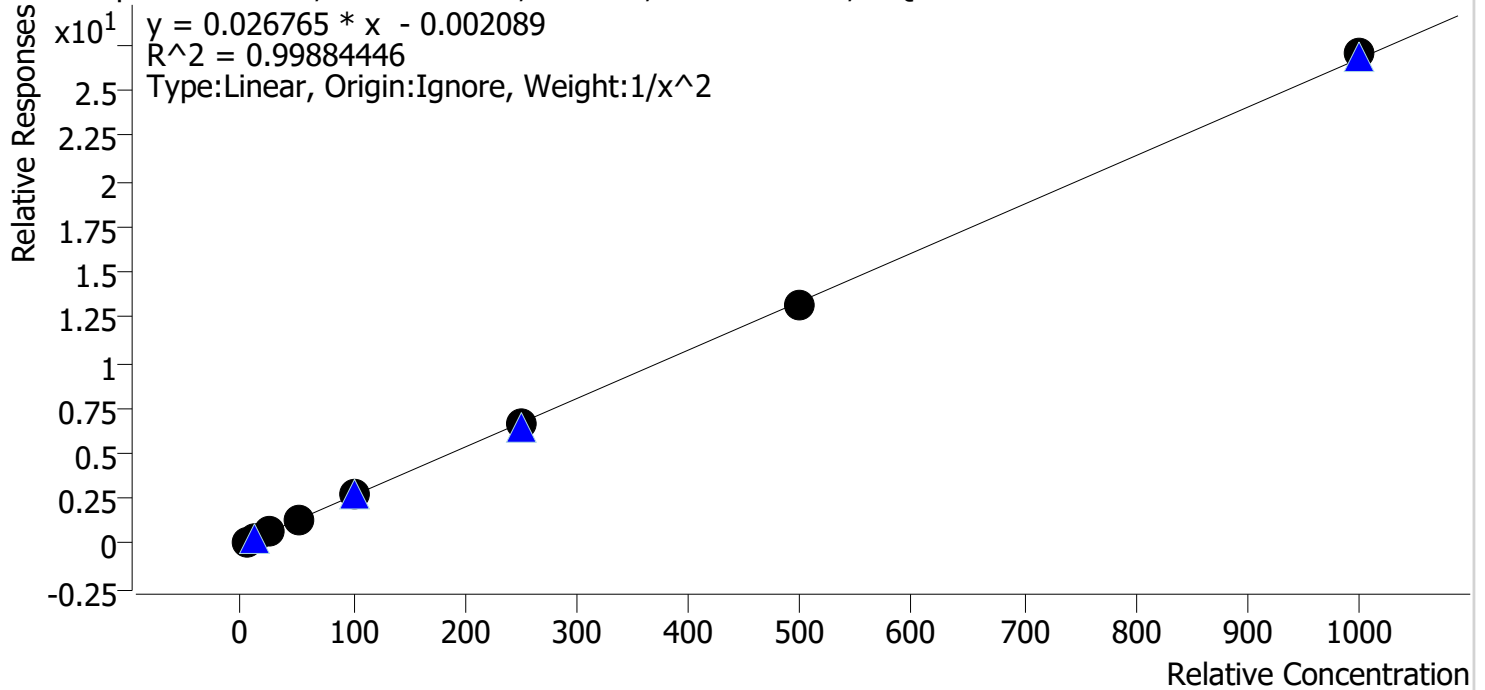
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.6	111.0
cal 2 mdq	2	✓	1.0	0.8	78.3
cal 3 mdq	3	✓	2.5	2.5	101.5
cal 4 mdq	4	✓	5.0	4.7	94.5
cal 5 mdq	5	✓	10.0	9.8	98.5
cal 6 mdq	6	✓	25.0	26.3	105.1
cal 7 mdq	7	✓	50.0	53.0	106.0
cal 8 mdq	8	✓	100.0	105.1	105.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



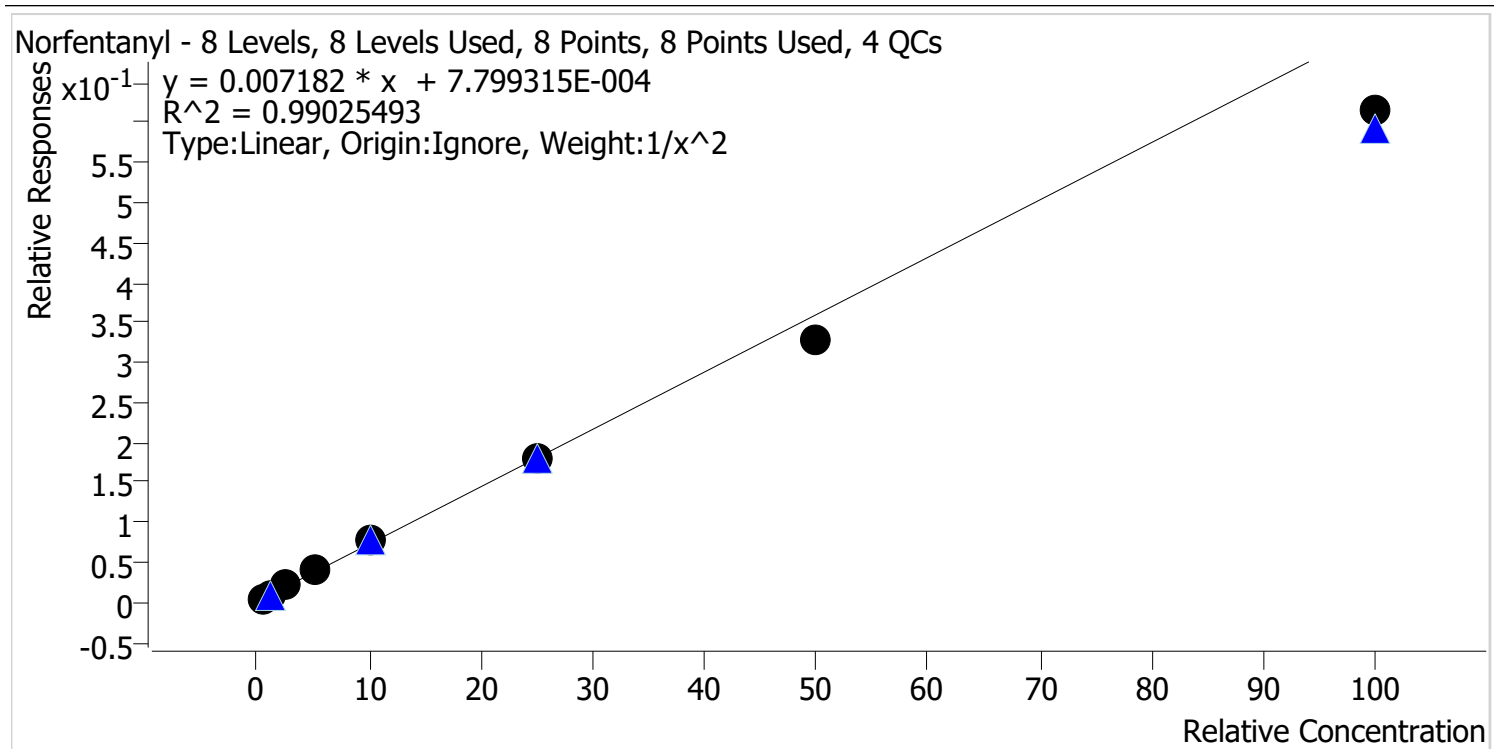
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	102.1
cal 2 mdq	2	✓	10.0	9.6	96.2
cal 3 mdq	3	✓	25.0	24.1	96.2
cal 4 mdq	4	✓	50.0	52.3	104.7
cal 5 mdq	5	✓	100.0	101.2	101.2
cal 6 mdq	6	✓	250.0	250.8	100.3
cal 7 mdq	7	✓	500.0	491.0	98.2
cal 8 mdq	8	✓	1000.0	1010.6	101.1

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Norfentanyl

Internal Standard Norfentanyl-D5



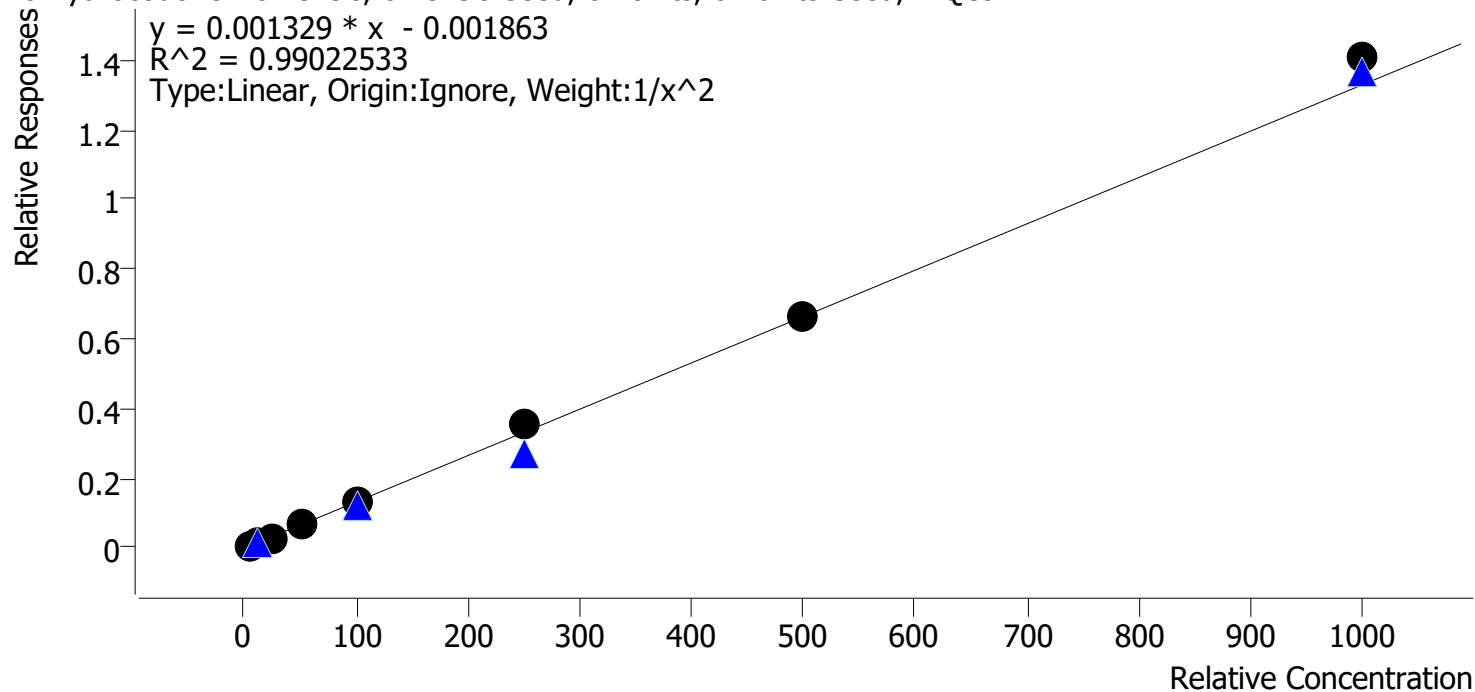
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	0.5	0.5	94.7
cal 2 mdq	2	✓	1.0	1.1	105.8
cal 3 mdq	3	✓	2.5	2.6	105.8
cal 4 mdq	4	✓	5.0	5.5	109.9
cal 5 mdq	5	✓	10.0	10.7	107.0
cal 6 mdq	6	✓	25.0	24.9	99.4
cal 7 mdq	7	✓	50.0	45.9	91.7
cal 8 mdq	8	✓	100.0	85.6	85.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



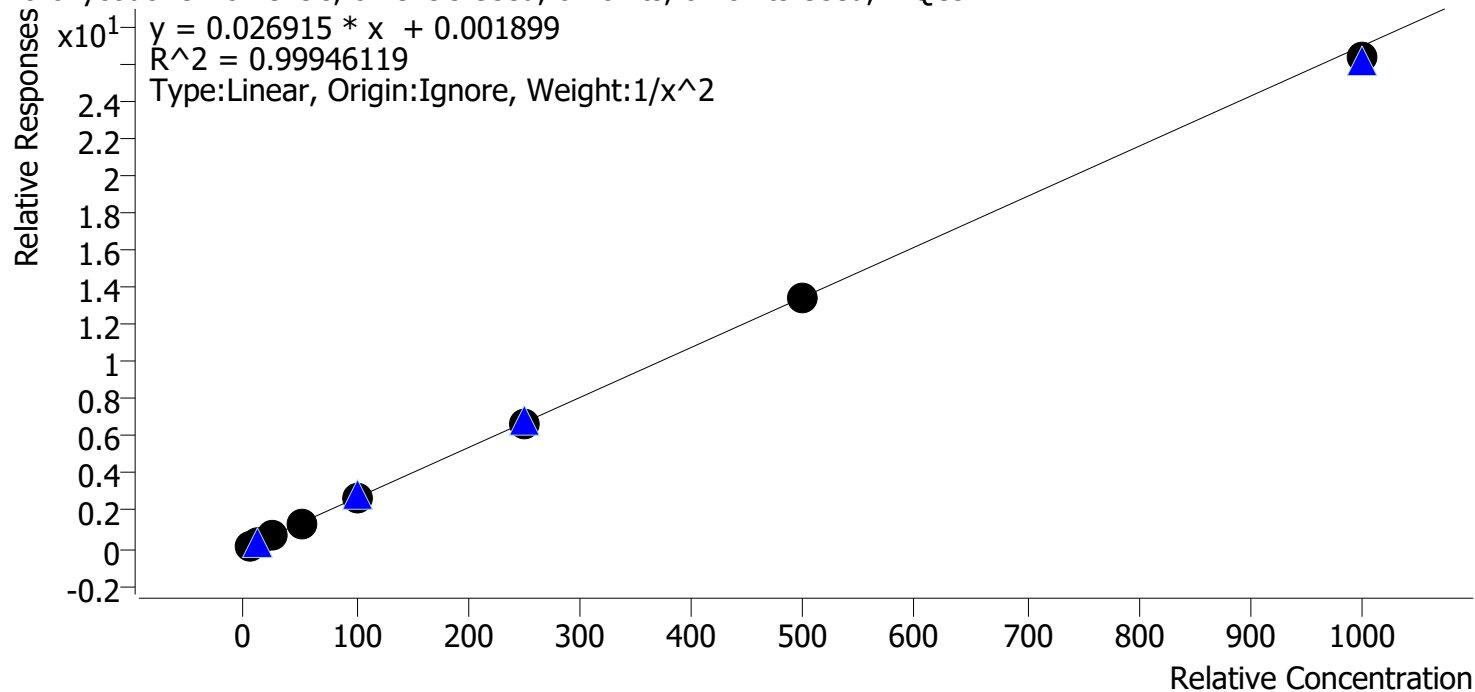
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.5	109.2
cal 2 mdq	2	✓	10.0	8.5	85.0
cal 3 mdq	3	✓	25.0	22.4	89.5
cal 4 mdq	4	✓	50.0	51.2	102.3
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	269.5	107.8
cal 7 mdq	7	✓	500.0	500.0	100.0
cal 8 mdq	8	✓	1000.0	1058.9	105.9

Compound Calibration Report



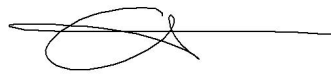
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

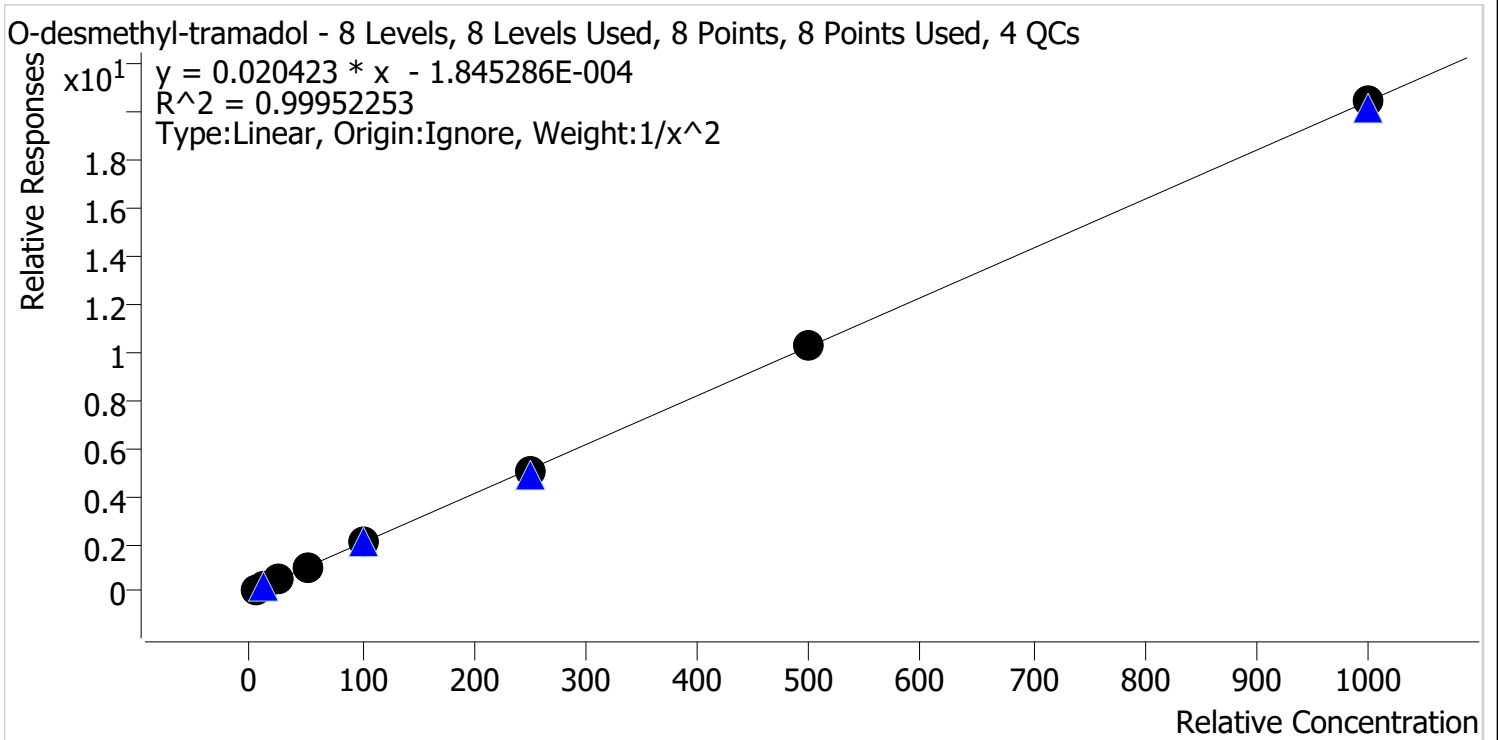


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.8	98.1
cal 3 mdq	3	✓	25.0	24.8	99.4
cal 4 mdq	4	✓	50.0	51.5	103.0
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	246.4	98.6
cal 7 mdq	7	✓	500.0	499.2	99.8
cal 8 mdq	8	✓	1000.0	976.8	97.7

Compound Calibration Report

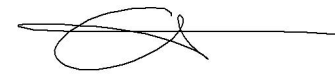


Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



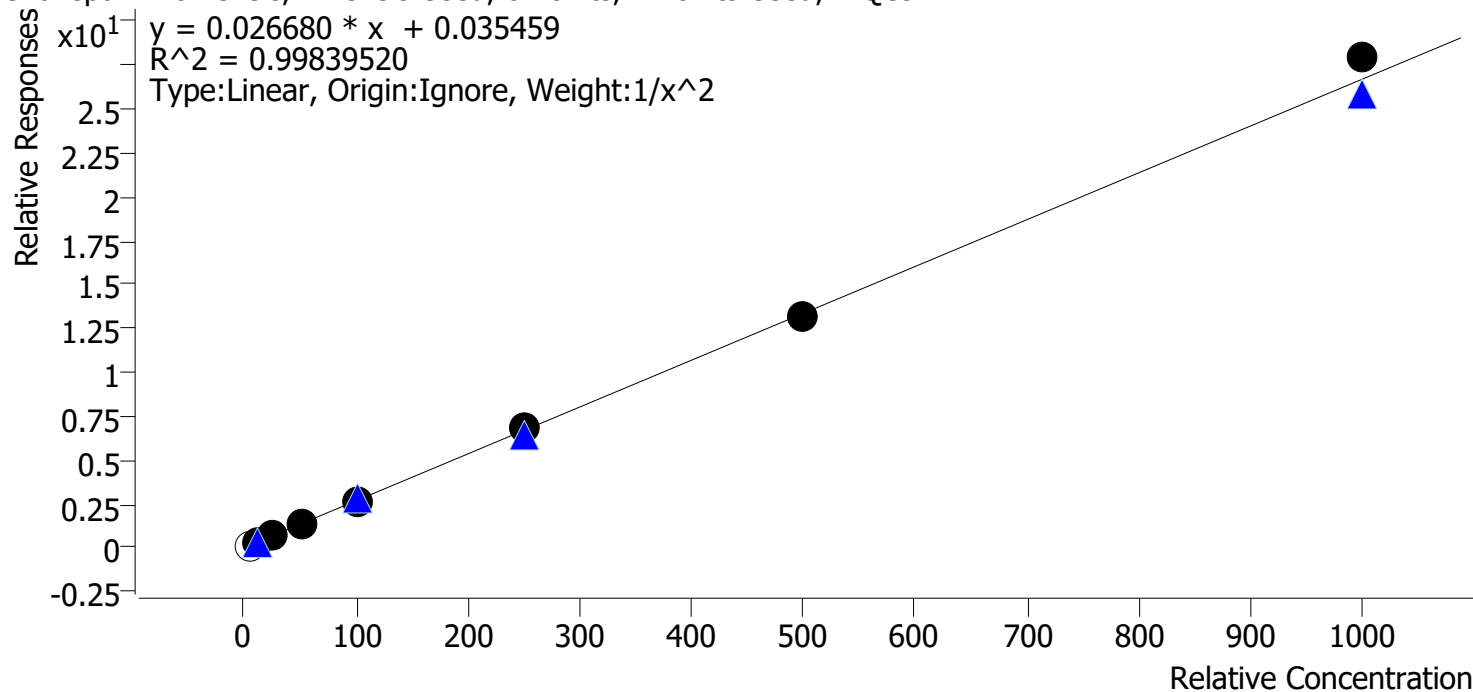
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	99.4
cal 3 mdq	3	✓	25.0	24.6	98.4
cal 4 mdq	4	✓	50.0	52.0	104.0
cal 5 mdq	5	✓	100.0	100.4	100.4
cal 6 mdq	6	✓	250.0	243.7	97.5
cal 7 mdq	7	✓	500.0	500.6	100.1
cal 8 mdq	8	✓	1000.0	999.9	100.0

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	x	5.0	3.8	76.8
cal 2 mdq	2	✓	10.0	10.1	101.4
cal 3 mdq	3	✓	25.0	24.1	96.5
cal 4 mdq	4	✓	50.0	51.0	102.0
cal 5 mdq	5	✓	100.0	95.1	95.1
cal 6 mdq	6	✓	250.0	255.4	102.2
cal 7 mdq	7	✓	500.0	491.2	98.2
cal 8 mdq	8	✓	1000.0	1046.1	104.6

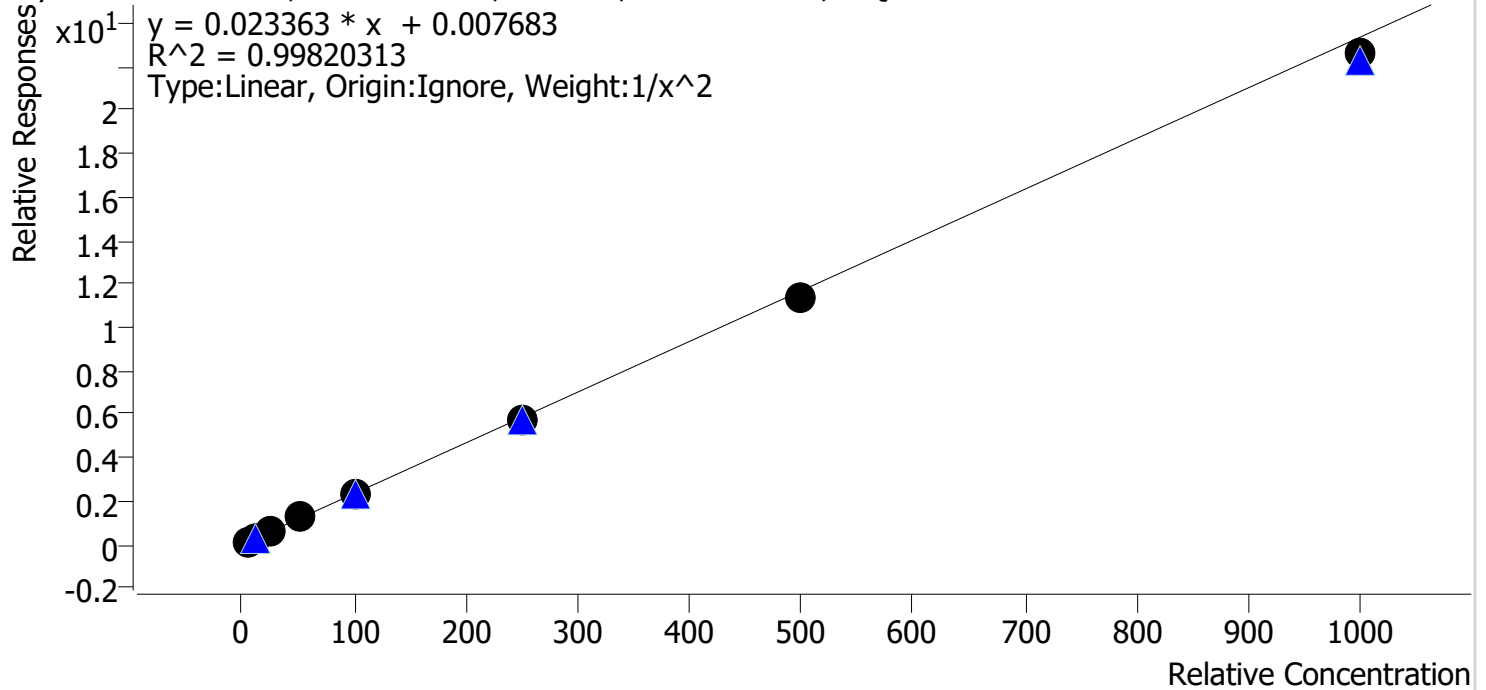
dropped cal 1 does not meet S/N requirements

Compound Calibration Report



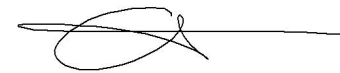
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



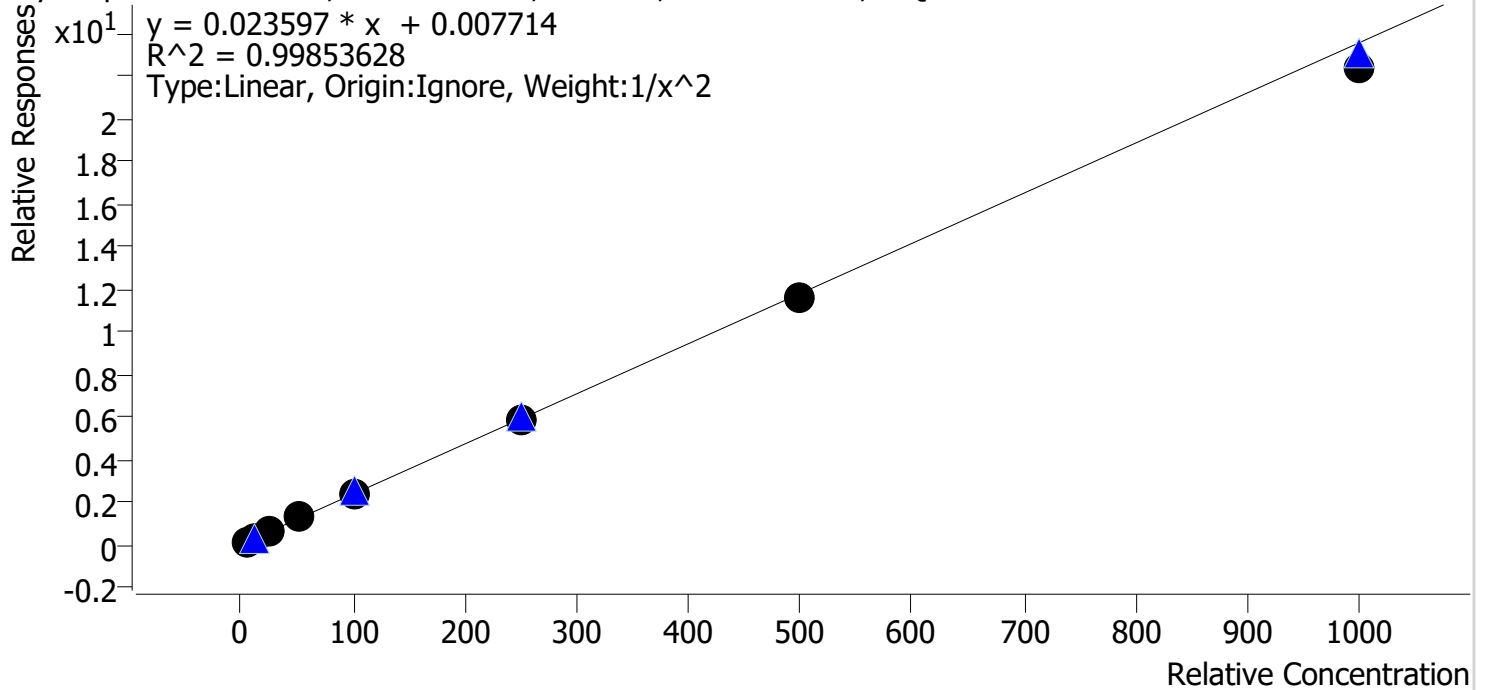
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.9
cal 2 mdq	2	✓	10.0	9.7	96.5
cal 3 mdq	3	✓	25.0	25.1	100.2
cal 4 mdq	4	✓	50.0	54.0	108.0
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	247.1	98.8
cal 7 mdq	7	✓	500.0	488.5	97.7
cal 8 mdq	8	✓	1000.0	967.5	96.7

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



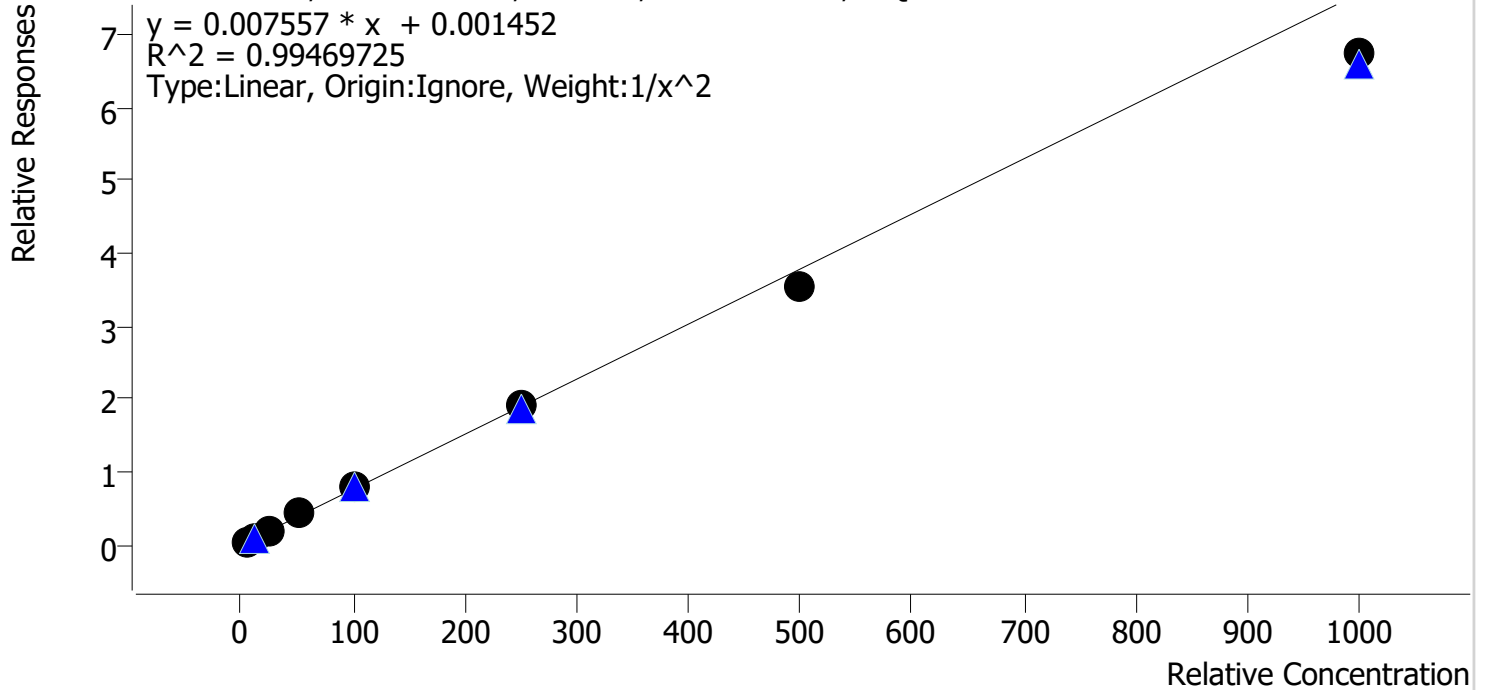
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.1
cal 2 mdq	2	✓	10.0	9.9	98.9
cal 3 mdq	3	✓	25.0	24.7	98.8
cal 4 mdq	4	✓	50.0	53.2	106.4
cal 5 mdq	5	✓	100.0	102.8	102.8
cal 6 mdq	6	✓	250.0	249.5	99.8
cal 7 mdq	7	✓	500.0	489.9	98.0
cal 8 mdq	8	✓	1000.0	953.1	95.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



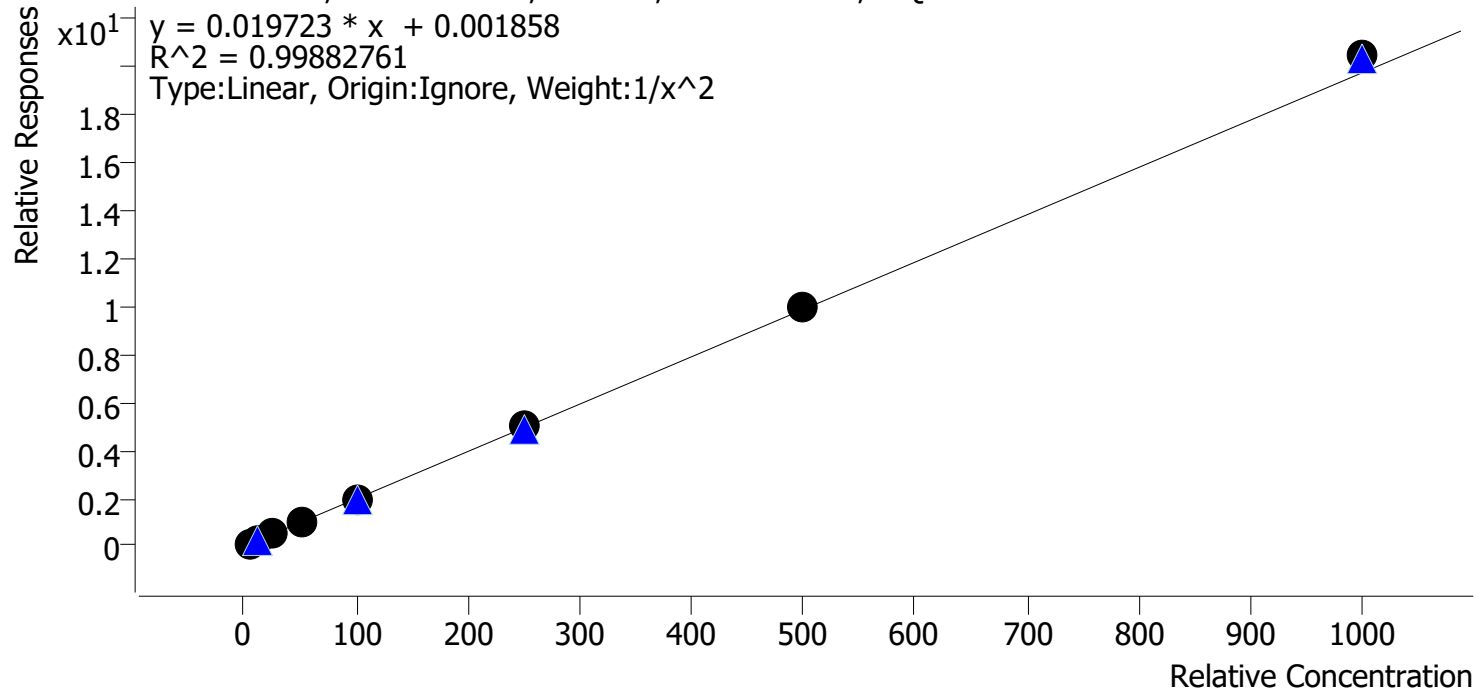
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	97.6
cal 2 mdq	2	✓	10.0	10.2	101.6
cal 3 mdq	3	✓	25.0	25.7	102.9
cal 4 mdq	4	✓	50.0	54.3	108.7
cal 5 mdq	5	✓	100.0	104.4	104.4
cal 6 mdq	6	✓	250.0	256.1	102.4
cal 7 mdq	7	✓	500.0	466.4	93.3
cal 8 mdq	8	✓	1000.0	891.0	89.1

Compound Calibration Report



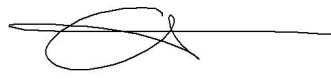
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



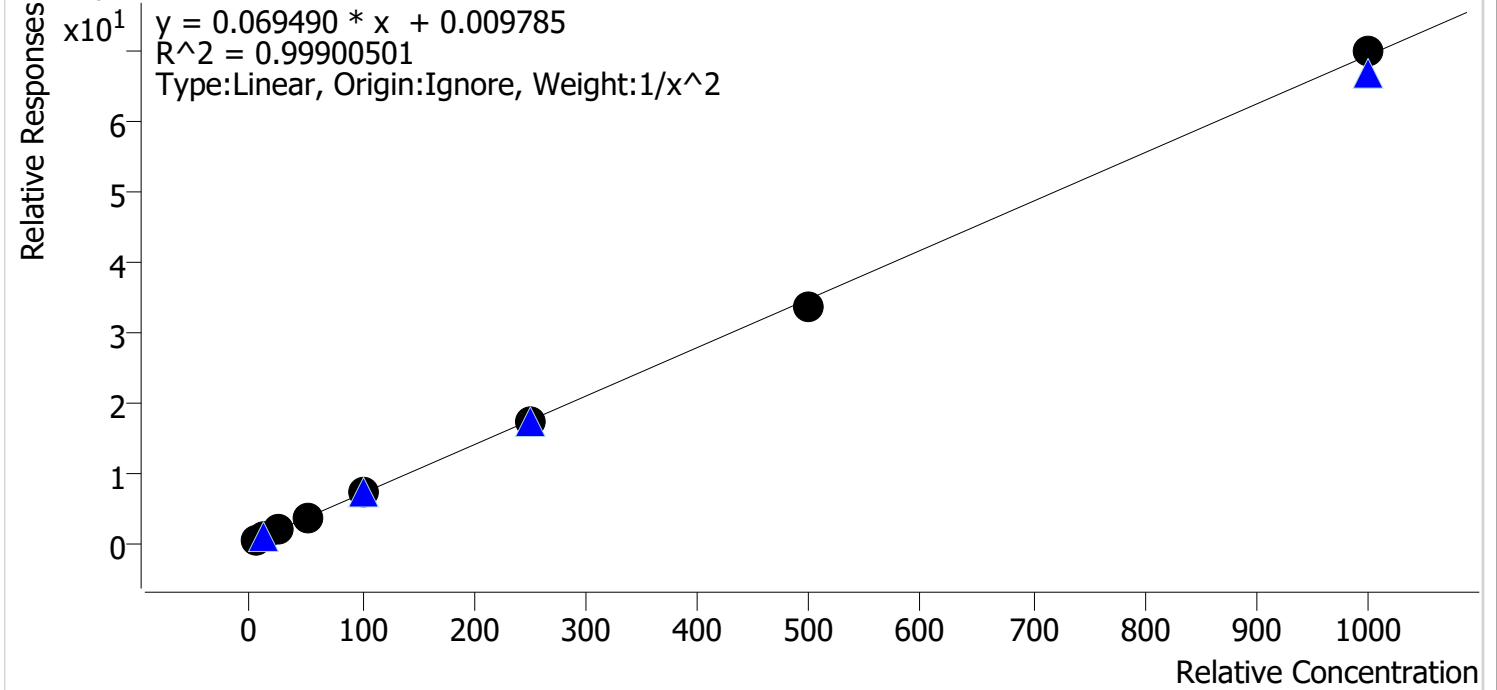
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.1	101.7
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	23.5	93.9
cal 4 mdq	4	✓	50.0	50.7	101.5
cal 5 mdq	5	✓	100.0	98.4	98.4
cal 6 mdq	6	✓	250.0	251.0	100.4
cal 7 mdq	7	✓	500.0	508.1	101.6
cal 8 mdq	8	✓	1000.0	1036.4	103.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

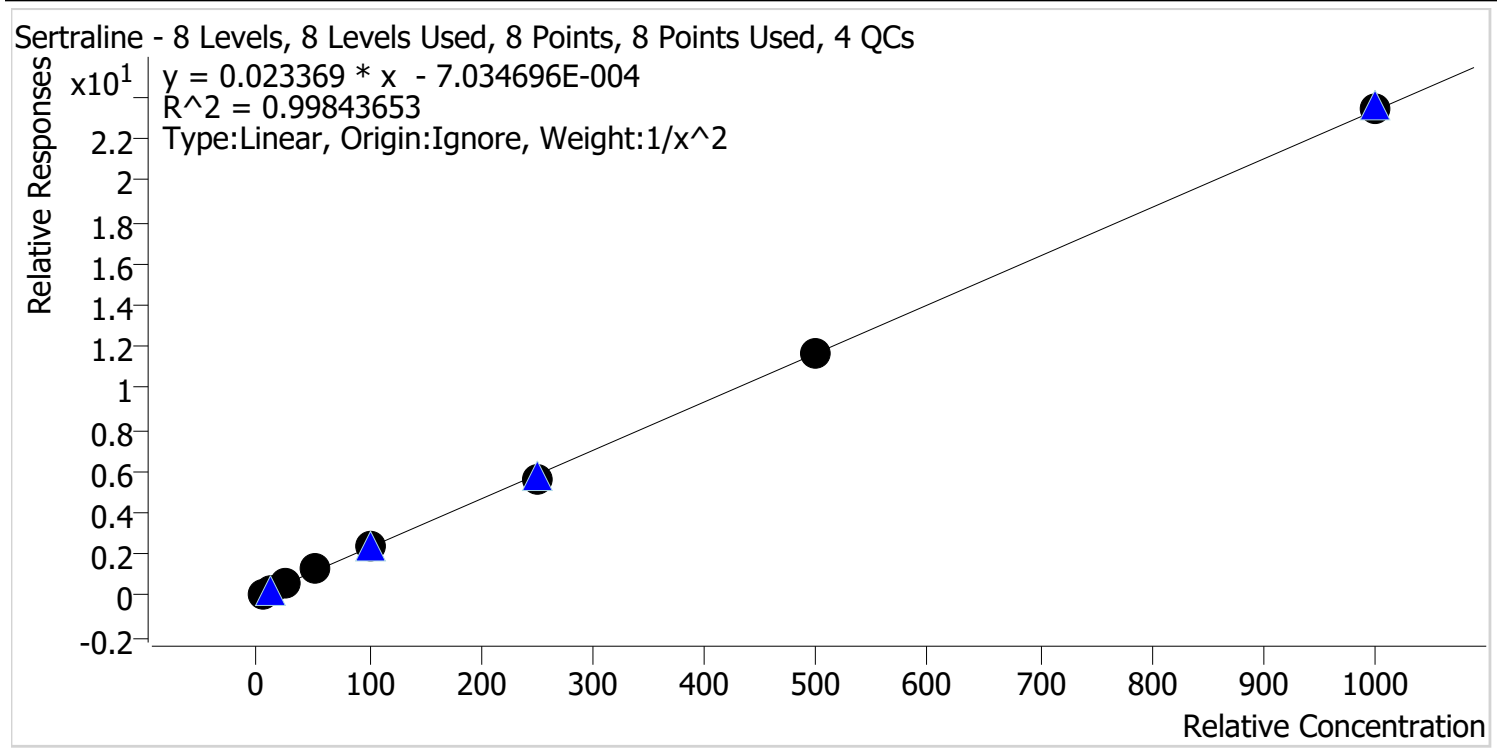


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.3
cal 2 mdq	2	✓	10.0	10.0	99.6
cal 3 mdq	3	✓	25.0	24.2	96.6
cal 4 mdq	4	✓	50.0	52.5	105.0
cal 5 mdq	5	✓	100.0	101.8	101.8
cal 6 mdq	6	✓	250.0	247.9	99.1
cal 7 mdq	7	✓	500.0	483.5	96.7
cal 8 mdq	8	✓	1000.0	1007.8	100.8

Compound Calibration Report

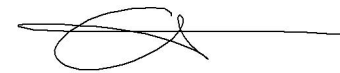


Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



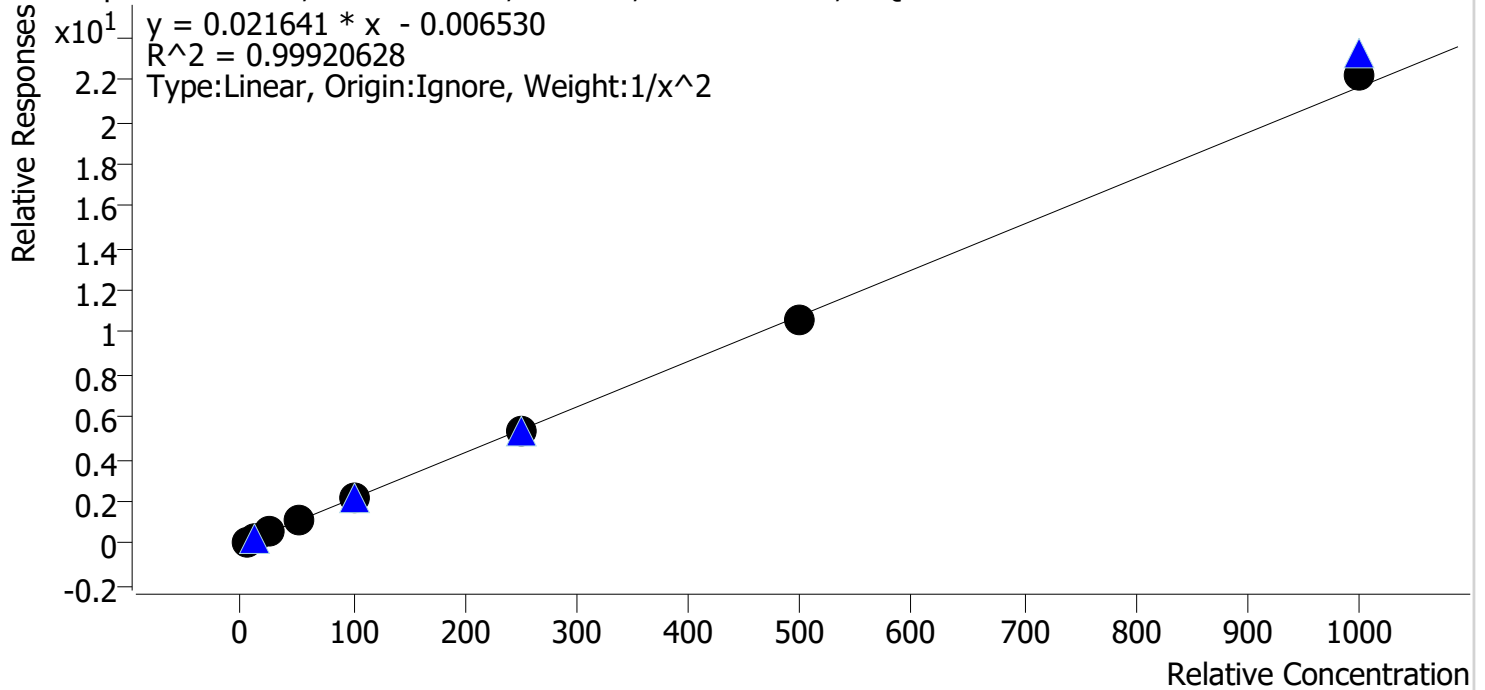
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.7
cal 2 mdq	2	✓	10.0	9.9	98.8
cal 3 mdq	3	✓	25.0	24.0	96.1
cal 4 mdq	4	✓	50.0	53.8	107.5
cal 5 mdq	5	✓	100.0	100.1	100.1
cal 6 mdq	6	✓	250.0	242.5	97.0
cal 7 mdq	7	✓	500.0	497.2	99.4
cal 8 mdq	8	✓	1000.0	1003.5	100.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

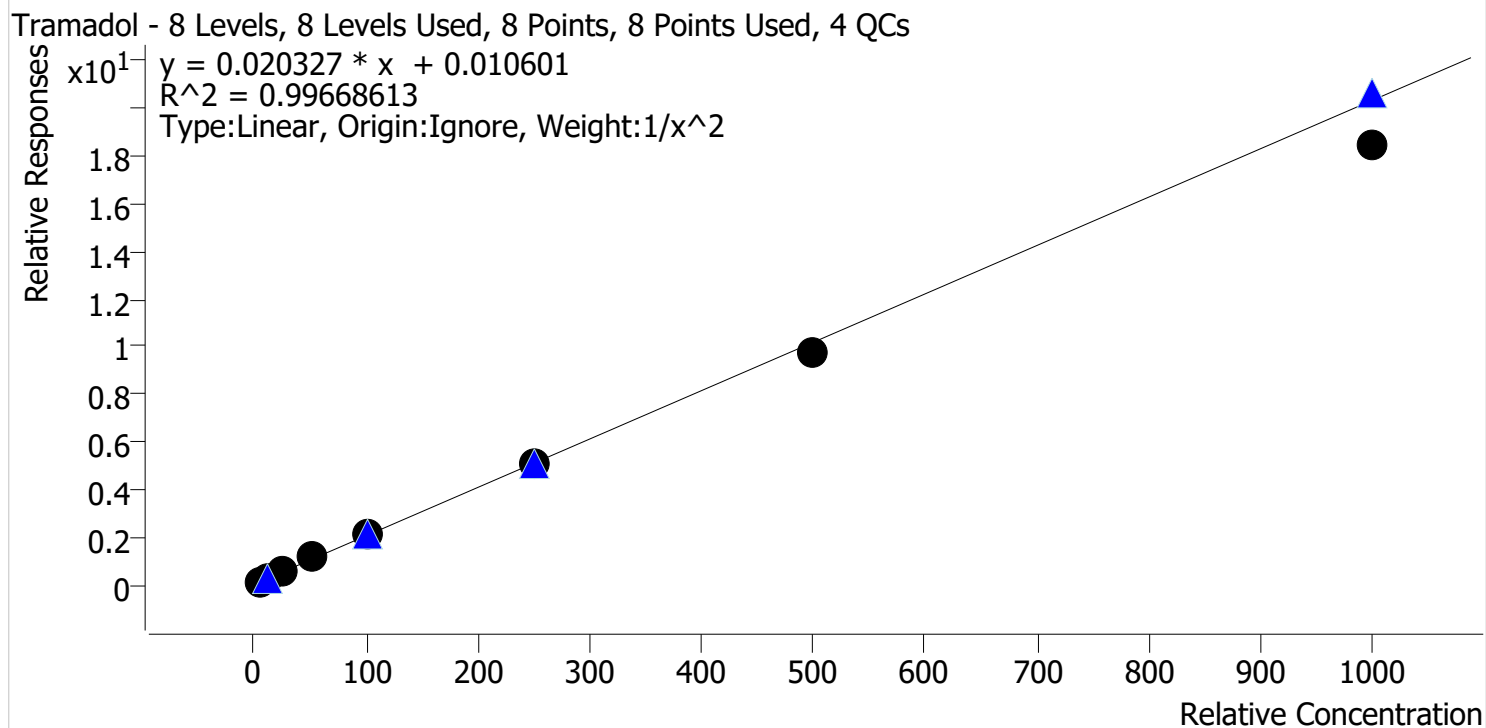


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.8
cal 2 mdq	2	✓	10.0	9.8	97.9
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	52.3	104.7
cal 5 mdq	5	✓	100.0	97.7	97.7
cal 6 mdq	6	✓	250.0	246.1	98.4
cal 7 mdq	7	✓	500.0	493.7	98.7
cal 8 mdq	8	✓	1000.0	1022.8	102.3

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.9	98.7
cal 2 mdq	2	✓	10.0	10.0	99.9
cal 3 mdq	3	✓	25.0	25.5	102.2
cal 4 mdq	4	✓	50.0	53.9	107.9
cal 5 mdq	5	✓	100.0	103.5	103.5
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	480.9	96.2
cal 8 mdq	8	✓	1000.0	910.6	91.1

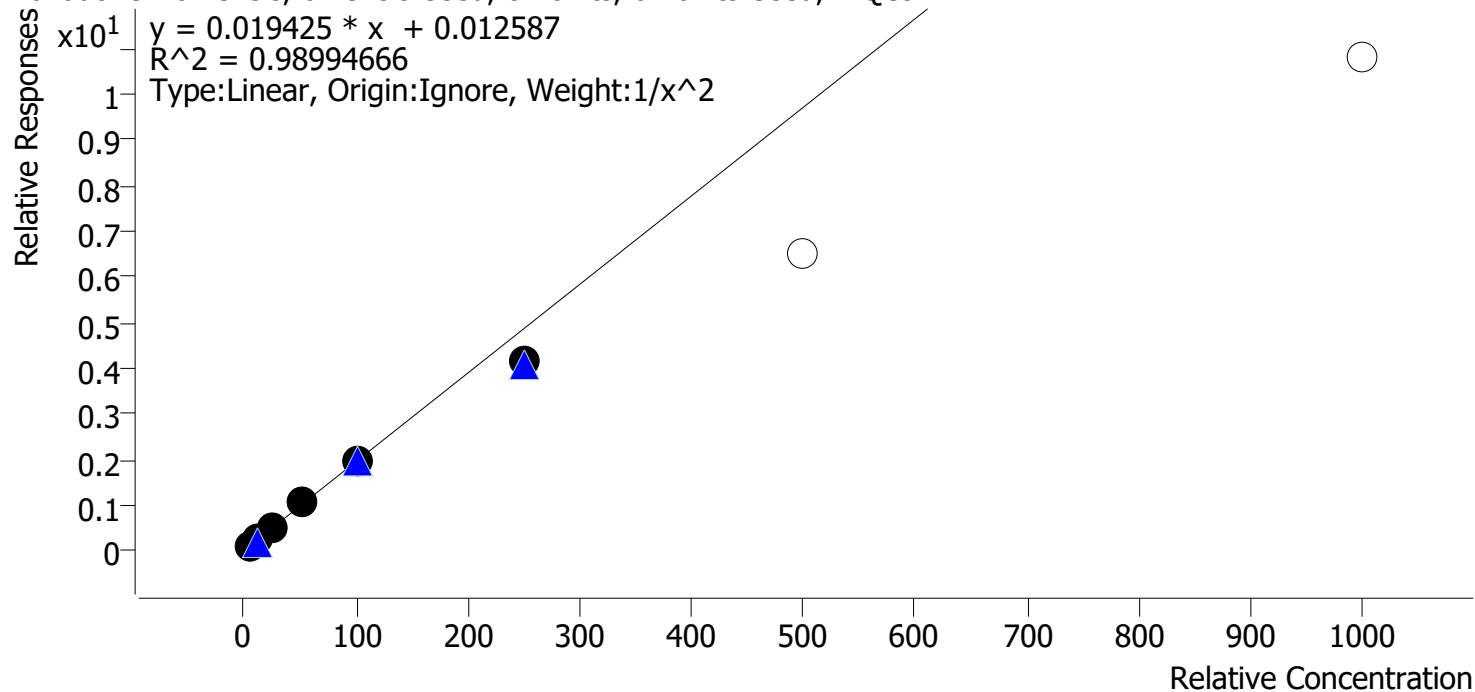
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

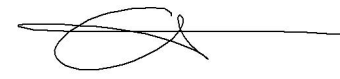
Trazodone - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	96.2
cal 2 mdq	2	✓	10.0	10.5	104.7
cal 3 mdq	3	✓	25.0	26.0	104.0
cal 4 mdq	4	✓	50.0	54.3	108.5
cal 5 mdq	5	✓	100.0	101.1	101.1
cal 6 mdq	6	✓	250.0	213.7	85.5
cal 7 mdq	7	✗	500.0	335.6	67.1
cal 8 mdq	8	✗	1000.0	556.1	55.6

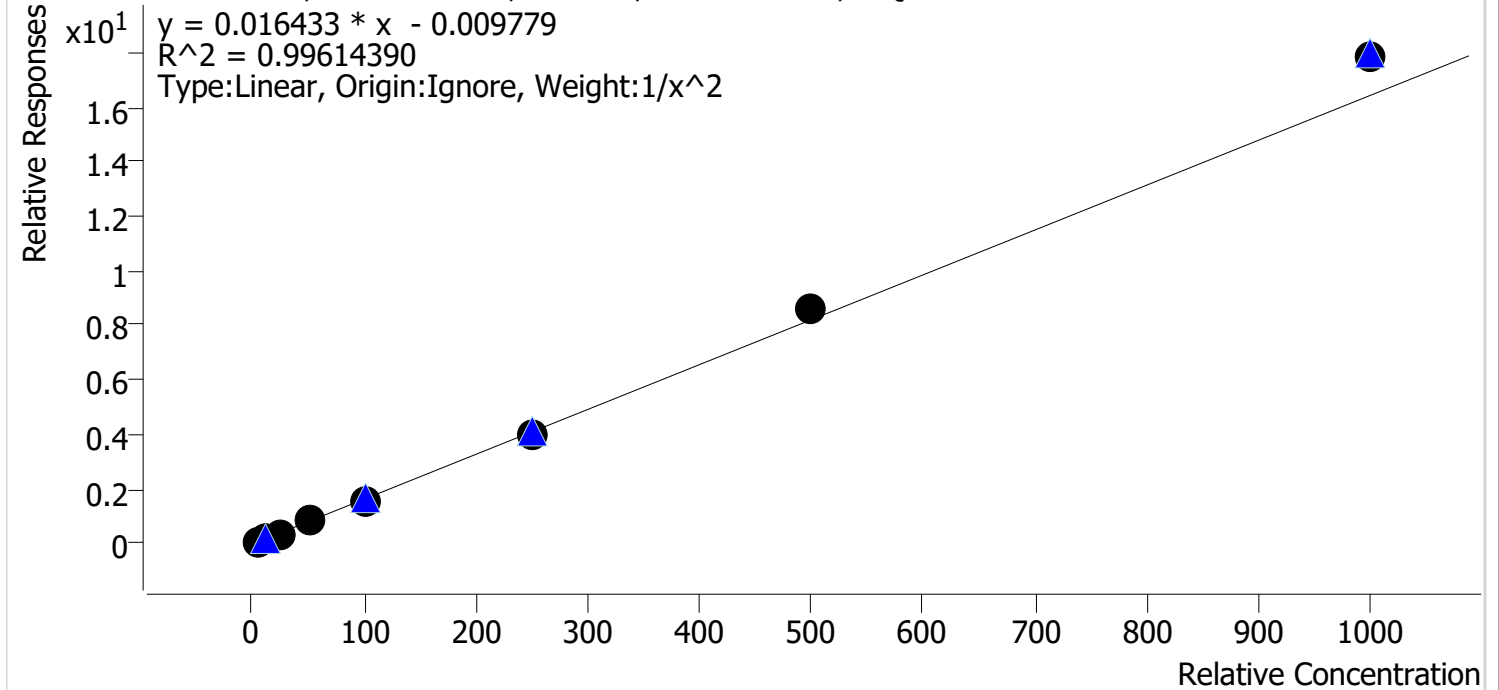
dropped cal 7 and 8 does not meet accuracy requirements.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



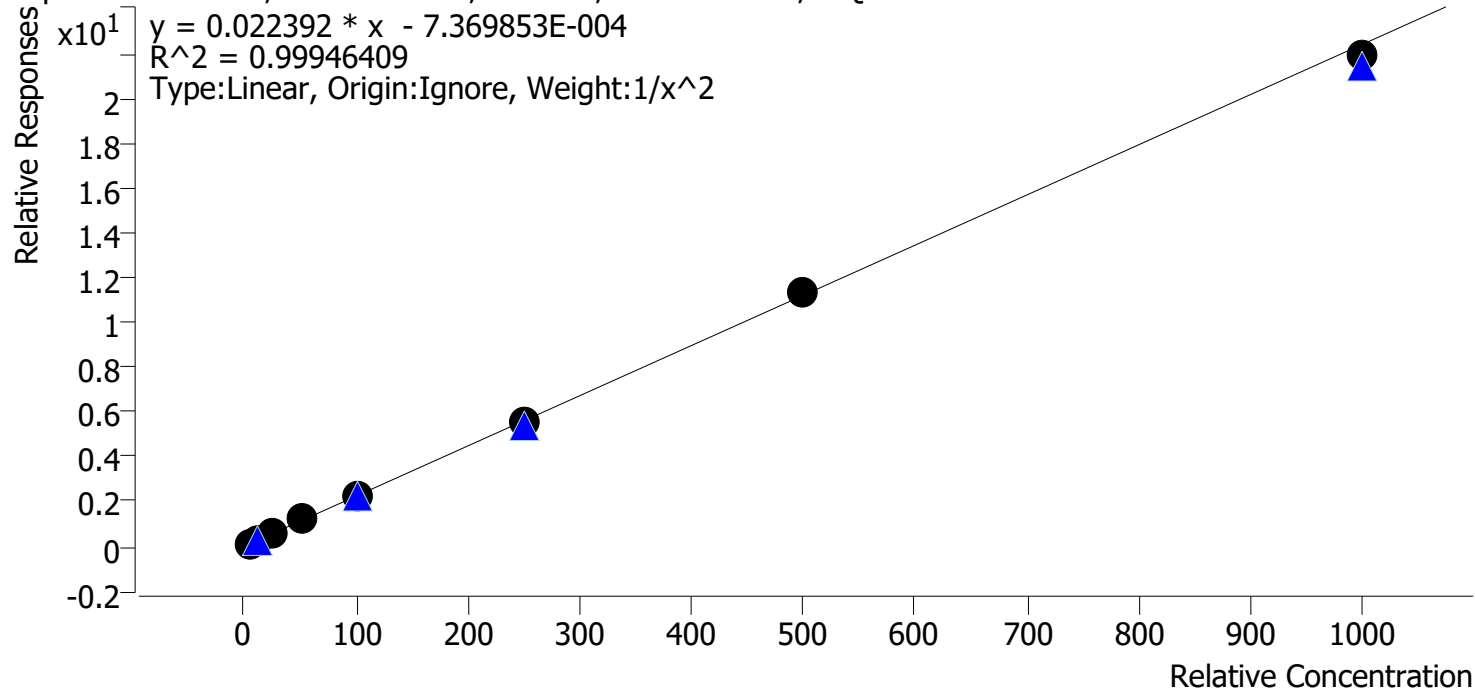
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.2	103.4
cal 2 mdq	2	✓	10.0	9.6	96.1
cal 3 mdq	3	✓	25.0	23.4	93.4
cal 4 mdq	4	✓	50.0	50.2	100.4
cal 5 mdq	5	✓	100.0	94.6	94.6
cal 6 mdq	6	✓	250.0	246.4	98.6
cal 7 mdq	7	✓	500.0	522.7	104.5
cal 8 mdq	8	✓	1000.0	1090.2	109.0

Compound Calibration Report



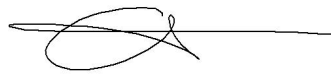
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



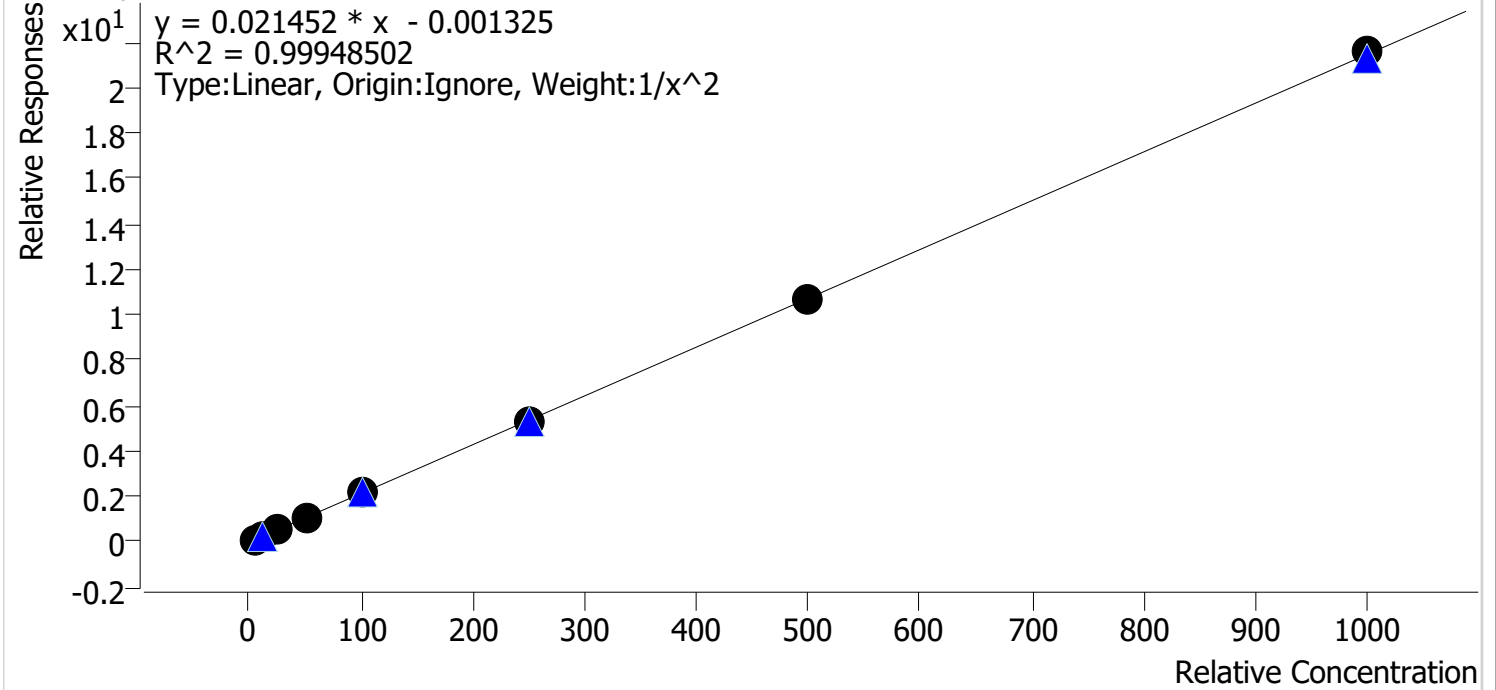
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	100.2
cal 2 mdq	2	✓	10.0	9.9	99.0
cal 3 mdq	3	✓	25.0	24.9	99.5
cal 4 mdq	4	✓	50.0	52.2	104.3
cal 5 mdq	5	✓	100.0	99.7	99.7
cal 6 mdq	6	✓	250.0	246.2	98.5
cal 7 mdq	7	✓	500.0	505.0	101.0
cal 8 mdq	8	✓	1000.0	977.8	97.8

Compound Calibration Report



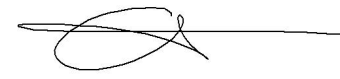
Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



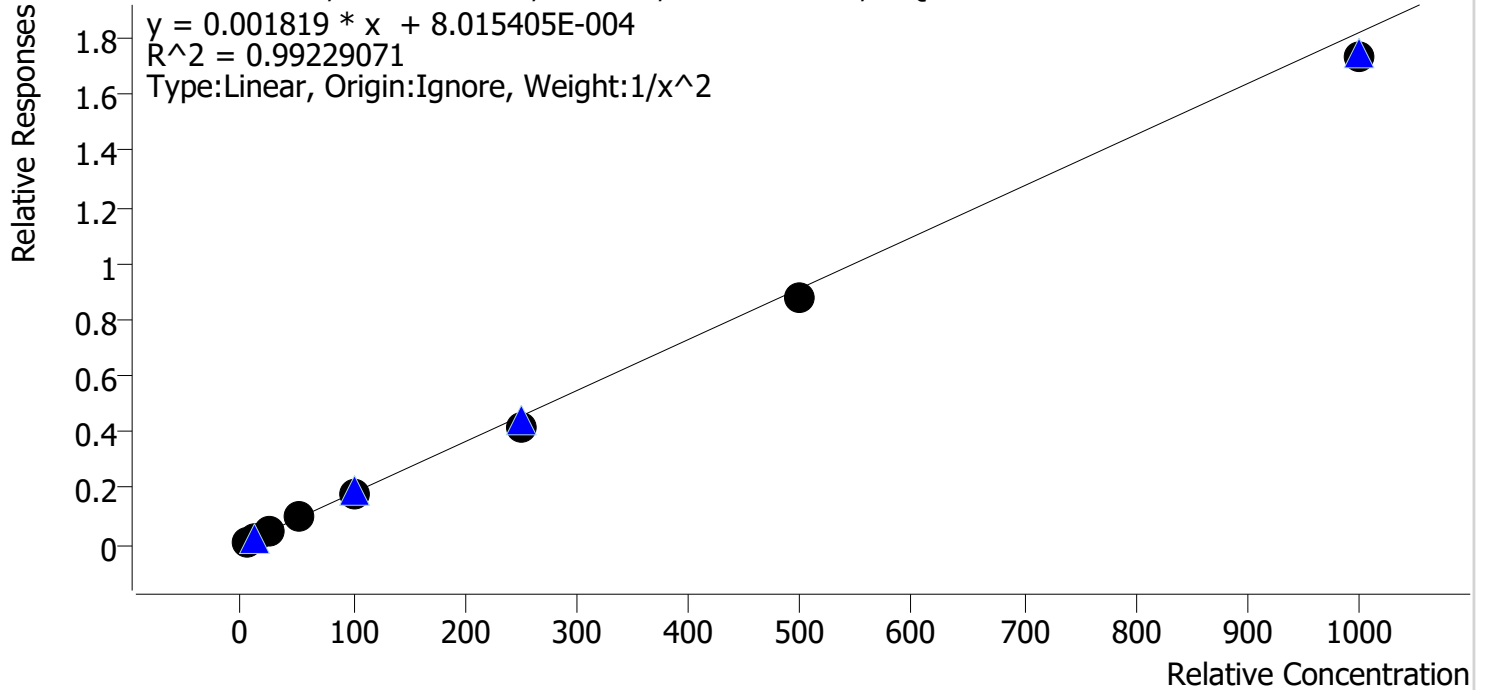
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	5.0	101.0
cal 2 mdq	2	✓	10.0	9.8	98.4
cal 3 mdq	3	✓	25.0	24.4	97.5
cal 4 mdq	4	✓	50.0	51.8	103.6
cal 5 mdq	5	✓	100.0	100.5	100.5
cal 6 mdq	6	✓	250.0	245.6	98.2
cal 7 mdq	7	✓	500.0	501.1	100.2
cal 8 mdq	8	✓	1000.0	1005.7	100.6

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

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



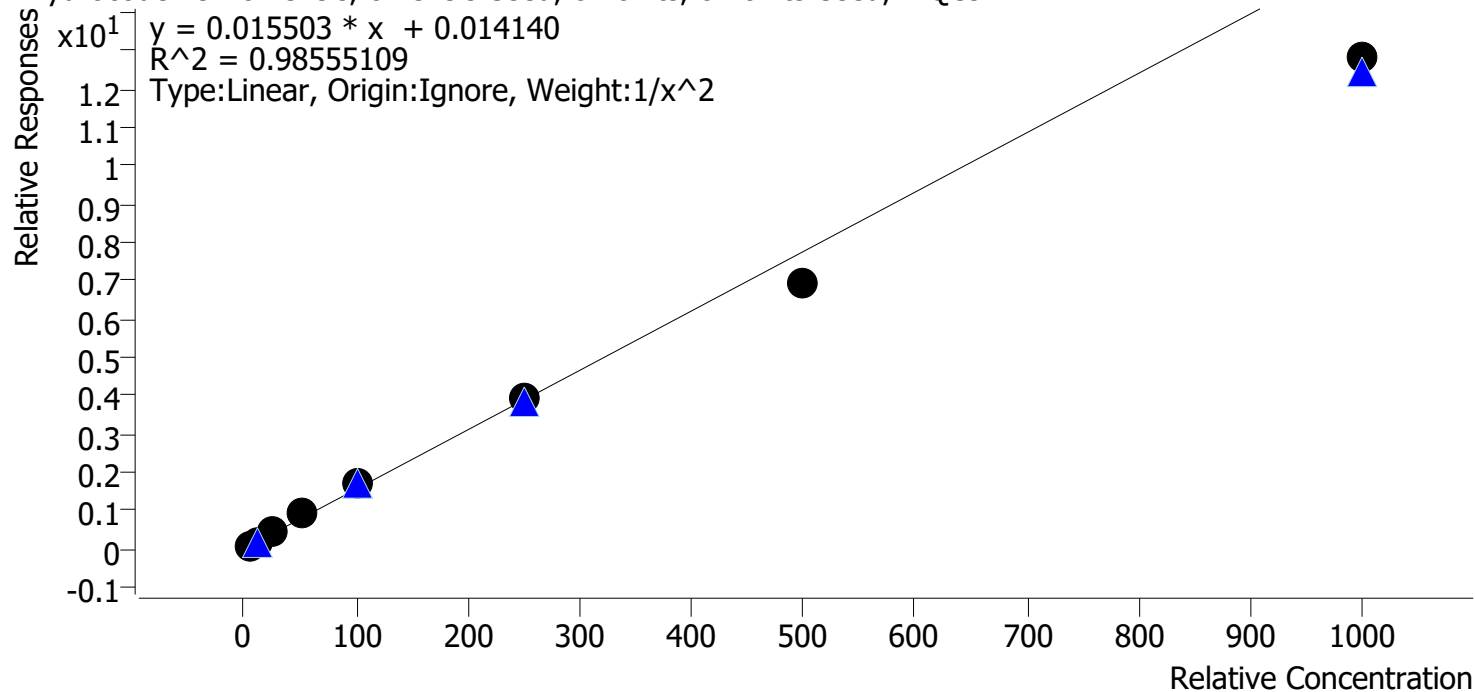
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.6	92.6
cal 2 mdq	2	✓	10.0	11.3	113.0
cal 3 mdq	3	✓	25.0	25.2	100.8
cal 4 mdq	4	✓	50.0	54.8	109.5
cal 5 mdq	5	✓	100.0	100.3	100.3
cal 6 mdq	6	✓	250.0	231.5	92.6
cal 7 mdq	7	✓	500.0	478.4	95.7
cal 8 mdq	8	✓	1000.0	954.3	95.4

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Last Cal. Update 5/29/2021 9:25 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



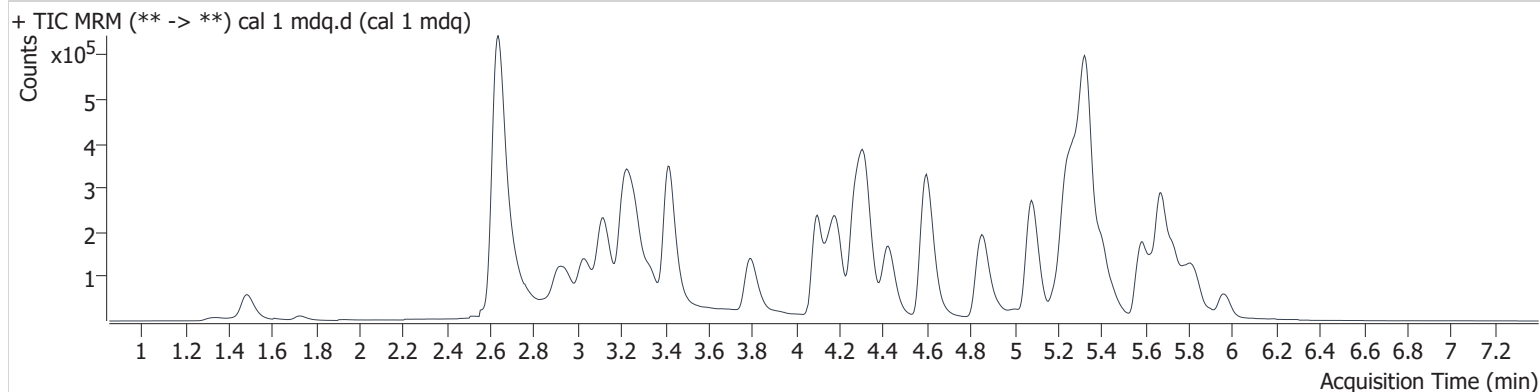
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
cal 1 mdq	1	✓	5.0	4.8	95.7
cal 2 mdq	2	✓	10.0	10.3	102.7
cal 3 mdq	3	✓	25.0	26.7	106.8
cal 4 mdq	4	✓	50.0	57.1	114.1
cal 5 mdq	5	✓	100.0	108.7	108.7
cal 6 mdq	6	✓	250.0	251.5	100.6
cal 7 mdq	7	✓	500.0	444.2	88.8
cal 8 mdq	8	✓	1000.0	826.5	82.6

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	cal 1 mdq.d
Type	Cal	Sample	cal 1 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-A6	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 1:06:35 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.232	1332	2883.1	131.4	∞	65437	0.523 ng/ml
7-aminoclonazepam	4.334	9921	1749.2	71.3	2467.5	77393	4.955 ng/ml
a-hydroxyalprazolam	5.722	1062	433.5	45.6	∞	179238	4.897 ng/ml
alpha-PHP	5.002	47250	110839.9	40.1	1553.6	606355	5.072 ng/ml
alpha-PVP	4.439	61384	8116.3	54.4	3594.5	528633	5.057 ng/ml
Alprazolam	5.796	24714	∞	90.3	4976.7	179238	5.011 ng/ml
Amphetamine	3.103	121350	1169.1	42.3	690.1	416268	4.885 ng/ml
Benzoylcegonine	3.931	1274	∞	17.1	∞	7299	5.424 ng/ml
Buprenorphine	5.861	909	∞	15.4	799.5	63621	0.497 ng/ml
Bupropion	4.878	65191	10571.7	66.4	53602.3	606355	5.116 ng/ml
Carisoprodol	5.751	20021	18580.2	59.3	256.0	153150	4.973 ng/ml
Citalopram	5.264	42573	503.6	40.7	13721.7	384025	5.017 ng/ml
Clonazepam	5.644	3444	318.8	28.2	1694.5	12348	4.888 ng/ml
Clonazepam	5.581	5850	94347.6	46.6	∞	179238	4.814 ng/ml
Cocaine	4.322	51053	1505348.0	46.1	106541.6	837951	5.051 ng/ml
Codeine	2.766	9196	589316.2	86.9	8130491.6	89439	5.162 ng/ml
Cyclobenzaprine	5.657	34005	30956.8	9.7	∞	244886	4.983 ng/ml
Dextromethorphan	5.313	31576	∞	80.3	21950.9	288022	5.015 ng/ml
Dextropropoxyphene	4.159	45994	∞	46.5	∞	494577	5.028 ng/ml
Diazepam	5.963	18301	∞	83.6	∞	162873	5.017 ng/ml
Dihydrocodeine	2.664	20463	3150.1	57.3	4419.9	231790	4.783 ng/ml
Diphenhydramine	5.334	151070	8586.1	30.4	∞	1460717	5.102 ng/ml
Doxylamine	4.613	146154	5831.5	80.2	9130.7	1150023	5.140 ng/ml
EDDP	5.296	62118	∞	45.1	28522.0	603957	5.018 ng/ml
Etizolam	5.836	12667	174824.0	24.5	15175.4	162873	4.946 ng/ml
Fentanyl	5.216	3345	5065.8	135.3	3863.7	307749	0.528 ng/ml
Flualprazolam	5.732	11854	∞	90.0	84053.1	179238	5.180 ng/ml
Fluoxetine	5.733	26730	5141.4	7.2	∞	203125	5.046 ng/ml
Hydrocodone	3.157	24076	∞	32.3	∞	530405	5.046 ng/ml
Hydromorphone	1.729	21542	26159.3	71.1	3917.7	9206	4.896 ng/ml
Ketamine	4.212	41740	∞	39.0	180.8	432914	4.926 ng/ml
Lamotrigine	4.391	4810	28590.3	84.0	∞	449021	5.248 ng/ml
Levetiracetam	2.717	22116	1584.3	230.9	1274.2	2397565	4.629 ng/ml

AM #28 Multi-Drug Quant. Results

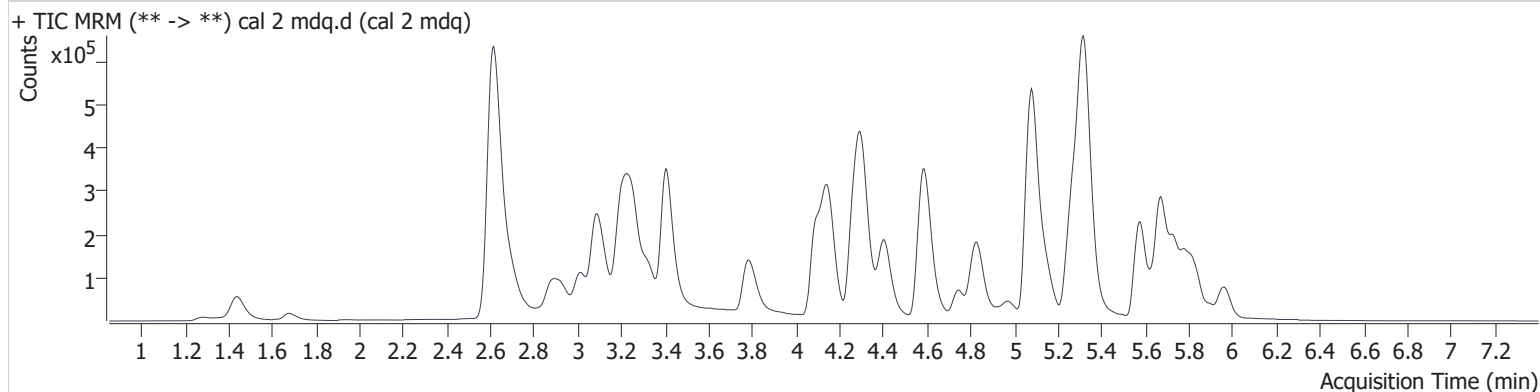
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.774	2099	5.7 Low	56.3	34.9	16649	5.773 ng/ml
MDA	3.256	65354	∞	25.5	81.3	449021	4.881 ng/ml
MDMA	3.343	44275	2820.8	100.2	1159.2	101006	5.027 ng/ml
Meprobamate	4.961	7318	∞	32.5	210.9	48631	4.823 ng/ml
Methadone	5.681	66341	1176.3	53.9	81090.5	681972	5.088 ng/ml
Methamphetamine	3.272	78989	47.5	250.4	55.1	792653	4.154 ng/ml
Metoprolol	4.360	14118	28864.3	101.9	∞	2397565	4.746 ng/ml
Mirtazapine	4.835	91545	∞	47.8	22599.9	681972	4.938 ng/ml
Mitragynine	5.335	16053	26967.6	29.2	6393.9	203125	4.976 ng/ml
Morphine	1.352	3894	20586.2	17.7	∞	9206	4.966 ng/ml
Norbuprenorphine	5.045	198	618.8	83.0	7.6 Low	15631	0.555 ng/ml
Nordiazepam	5.912	5106	11170.8	64.1	7733.1	37931	5.107 ng/ml
Norfentanyl	4.119	3688	167.0	32.3	∞	881792	0.474 ng/ml
Norhydrocodone	3.116	558	2145.4	451.2	∞	103503	5.458 ng/ml
Noroxycodone	2.967	17412	626.4	46.5	∞	126739	5.034 ng/ml
O-desmethyl-tramadol	3.424	111016	2046108.3	6.2	883.0	1086639	5.012 ng/ml
Oxazepam	5.776	2297	40.6	74.8	4.9 Low	16649	3.841 ng/ml
Oxycodone	2.950	45339	∞	28.2	∞	361126	5.045 ng/ml
Oxymorphone	1.495	32267	6719.1	43.9	5905.7	256580	5.003 ng/ml
Phentermine	3.816	18286	49.2	11.6	169.7	477052	4.880 ng/ml
Promethazine	5.578	44390	420968.1	40.7	∞	434596	5.085 ng/ml
Pseudoephedrine	2.646	256469	4275.4	25.3	52887.3	2397565	5.048 ng/ml
Quetiapine	5.627	66330	35890.7	59.6	61663.8	185058	5.017 ng/ml
Sertraline	5.796	8938	10057.5	96.4	∞	76439	5.034 ng/ml
Temazepam	5.838	15585	681.4	30.5	97.9	151917	5.042 ng/ml
Tramadol	4.288	112418	23732.5	3.4	87.8	1013491	4.935 ng/ml
Trazodone	5.456	50528	∞	82.7	39546.0	476428	4.812 ng/ml
Venlafaxine	5.083	76054	76581.1	39.6	300.4	1011227	5.172 ng/ml
Zolpidem	5.259	109593	289022.1	36.1	∞	983276	5.010 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument 69679 Data File cal 2 mdq.d
Type Cal Sample cal 2 mdq
Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
Sample Position P2-B6 Comment
Injection Volume 3
Acq. Date-Time 5/28/2021 1:15:39 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.201	2027	11895.8	161.4	4561.5	60684	0.898 ng/ml
7-aminoclonazepam	4.323	21899	∞	70.2	6064.6	85704	10.137 ng/ml
a-hydroxyalprazolam	5.722	2641	216.8	57.2	1423.5	200053	9.834 ng/ml
alpha-PHP	4.976	84529	∞	40.1	33163.1	568665	9.617 ng/ml
alpha-PVP	4.418	114877	368679.7	51.6	3342.5	499500	9.859 ng/ml
Alprazolam	5.796	54645	17846.7	86.1	6569.5	200053	9.885 ng/ml
Amphetamine	3.093	214689	∞	43.4	1378.6	389810	10.251 ng/ml
Benzoylcegonine	3.921	2035	1270.7	19.9	2665.3	8095	8.320 ng/ml
Buprenorphine	5.788	1647	∞	12.6	1181.3	58806	0.988 ng/ml
Bupropion	4.841	116327	4604.5	66.5	2795.6	568665	9.690 ng/ml
Carisoprodol	5.746	43813	67949.0	56.5	1133.4	165534	10.058 ng/ml
Citalopram	5.258	78323	1179.0	40.4	82326.2	359091	9.899 ng/ml
Clonazepam	5.639	9275	12590.7	31.1	∞	15321	10.449 ng/ml
Clonazepam	5.586	14786	29591.3	37.4	13546.5	200053	10.317 ng/ml
Cocaine	4.307	93664	∞	46.4	∞	796924	9.850 ng/ml
Codeine	2.710	16943	33328.6	83.0	25242.0	78393	9.866 ng/ml
Cyclobenzaprine	5.647	61562	∞	10.5	∞	216302	10.087 ng/ml
Dextromethorphan	5.302	56193	∞	74.5	∞	261174	9.939 ng/ml
Dextrophan	4.154	83853	∞	44.6	∞	455097	9.970 ng/ml
Diazepam	5.968	39832	765.3	85.5	∞	182211	9.983 ng/ml
Dihydrocodeine	2.628	37217	4194.5	57.1	5155.2	214765	10.266 ng/ml
Diphenhydramine	5.329	269457	16164.3	30.9	9844.4	1335654	9.743 ng/ml
Doxylamine	4.597	260262	26557.7	82.9	11891.3	1083126	9.561 ng/ml
EDDP	5.286	103655	28522.0	42.7	∞	506301	9.945 ng/ml
Etizolam	5.831	25430	∞	23.4	14770.7	182211	10.104 ng/ml
Fentanyl	5.165	5491	10593.0	142.2	∞	292365	0.901 ng/ml
Flualprazolam	5.727	23120	62700.2	95.8	∞	200053	9.442 ng/ml
Fluoxetine	5.728	47441	53974.3	8.0	94753.5	188326	9.752 ng/ml
Hydrocodone	3.121	42312	∞	37.4	∞	495871	9.635 ng/ml
Hydromorphone	1.678	37039	1751.8	80.3	648.5	7717	10.141 ng/ml
Ketamine	4.150	84320	4029.4	37.2	1559.7	437086	10.092 ng/ml
Lamotrigine	4.355	8135	557.0	91.2	27772.4	435337	9.231 ng/ml
Levetiracetam	2.697	47711	2458.6	231.8	3073.9	2233826	11.298 ng/ml

AM #28 Multi-Drug Quant. Results

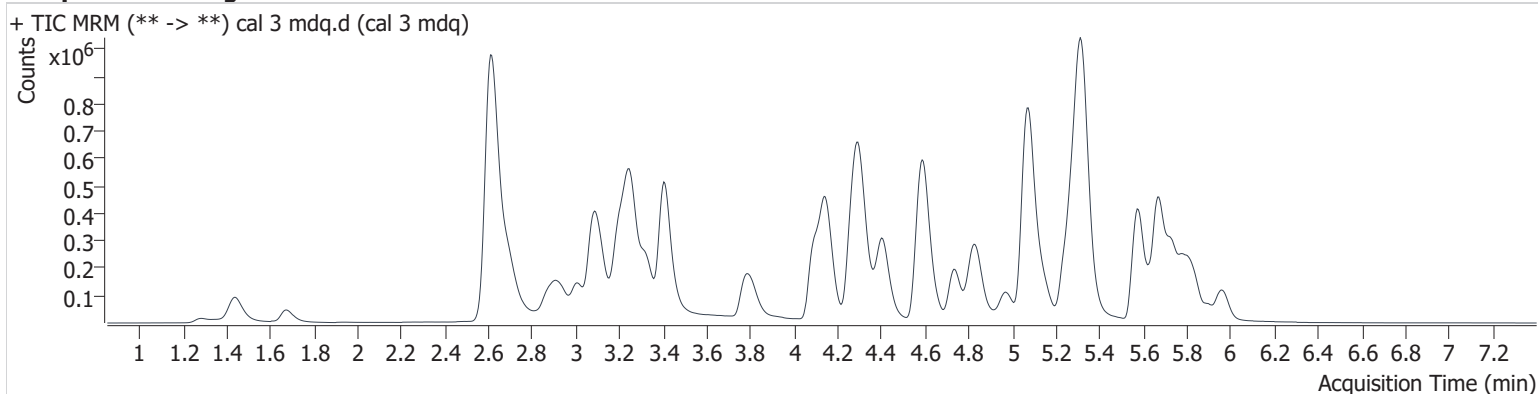
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.774	4572	141.9	40.1	34.8	21968	10.344 ng/ml
MDA	3.240	125291	4758.9	25.6	351.1	435337	10.133 ng/ml
MDMA	3.333	81542	∞	99.4	1471.7	91957	10.001 ng/ml
Meprobamate	4.951	16844	32224.0	31.1	272.3	58511	10.016 ng/ml
Methadone	5.676	122861	5696.6	54.2	71846.2	633390	9.826 ng/ml
Methamphetamine	3.262	117992	32.2	242.9	28.6	741591	11.144 ng/ml
Metoprolol	4.360	25902	281587.0	97.7	1365.0	2233826	10.422 ng/ml
Mirtazapine	4.748	168725	1802670.0	48.6	281346.8	633390	10.095 ng/ml
Mitragynine	5.293	28410	66312.0	29.7	78436.2	188326	9.774 ng/ml
Morphine	1.291	6458	∞	17.0	∞	7717	10.154 ng/ml
Norbuprenorphine	5.034	246	1401.6	113.2	272.1	14896	0.783 ng/ml
Nordiazepam	5.912	16476	62907.1	66.0	24976.1	64531	9.617 ng/ml
Norfentanyl	4.114	6934	544.3	34.6	14624.9	827288	1.058 ng/ml
Norhydrocodone	3.101	875	∞	447.7	∞	92757	8.502 ng/ml
Noroxycodone	2.961	32164	3456.4	45.2	∞	120948	9.810 ng/ml
O-desmethyl-tramadol	3.414	201099	47771.7	6.2	1788.4	991084	9.944 ng/ml
Oxazepam	5.776	6721	291.7	65.0	358.9	21968	10.139 ng/ml
Oxycodone	2.914	82124	∞	30.2	4528.2	352172	9.652 ng/ml
Oxymorphone	1.444	55370	∞	44.1	∞	229620	9.892 ng/ml
Phentermine	3.816	36438	131.5	11.0	112.0	465811	10.160 ng/ml
Promethazine	5.573	77593	146550.0	37.8	1005.6	394318	9.883 ng/ml
Pseudoephedrine	2.626	468368	7965.9	25.0	4617.7	2233826	9.836 ng/ml
Quetiapine	5.586	119376	231759.3	58.7	92731.3	170127	9.957 ng/ml
Sertraline	5.796	16631	52677.1	102.6	3501.4	72243	9.881 ng/ml
Temazepam	5.843	39617	750.4	34.2	129.2	192976	9.788 ng/ml
Tramadol	4.282	205423	35034.1	3.5	239.8	961103	9.994 ng/ml
Trazodone	5.315	89557	∞	79.1	∞	414754	10.468 ng/ml
Venlafaxine	5.078	139163	18249.5	39.8	3726.0	939215	9.611 ng/ml
Zolpidem	5.098	201218	207069.1	30.6	∞	910581	9.901 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	cal 3 mdq.d
Type	Cal	Sample	cal 3 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-C6	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 1:24:42 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.201	6377	61021.3	151.5	9181.4	71457	2.503 ng/ml
7-aminoclonazepam	4.323	67069	5906.3	72.5	3131.1	109456	24.676 ng/ml
a-hydroxyalprazolam	5.717	8324	∞	47.6	∞	214938	27.156 ng/ml
alpha-PHP	4.976	259137	451553.8	38.5	3474.0	672138	24.843 ng/ml
alpha-PVP	4.413	340334	196984.6	53.1	8527.7	599594	24.096 ng/ml
Alprazolam	5.796	148809	4228.8	85.9	∞	214938	24.990 ng/ml
Amphetamine	3.093	613706	12937.3	44.2	3168.4	481515	25.230 ng/ml
Benzoylcegonine	3.921	5589	17193.1	14.7	2035.6	8208	24.516 ng/ml
Buprenorphine	5.767	5221	3745.7	15.1	∞	74164	2.502 ng/ml
Bupropion	4.841	339217	282133.3	67.8	27305.4	672138	23.836 ng/ml
Carisoprodol	5.746	119702	∞	57.6	10282.3	185176	24.551 ng/ml
Citalopram	5.253	234516	3255.4	39.4	294869.6	435040	24.509 ng/ml
Clonazepam	5.639	25075	98541.8	34.6	∞	18139	23.683 ng/ml
Clonazepam	5.586	41212	52668.3	40.2	49989.9	214938	26.028 ng/ml
Cocaine	4.302	267050	350802.0	47.2	39154.6	934829	24.102 ng/ml
Codeine	2.705	49660	46857.9	84.7	∞	95717	22.431 ng/ml
Cyclobenzaprine	5.647	187269	63200.1	10.1	4135.2	272029	24.230 ng/ml
Dextromethorphan	5.297	165603	8757.6	78.2	772895.9	315921	24.362 ng/ml
Dextrophan	4.154	246495	115091.9	45.5	∞	550108	24.259 ng/ml
Diazepam	5.968	105909	7978.3	86.6	10548.9	202801	24.177 ng/ml
Dihydrocodeine	2.623	109759	5998.3	57.0	2490.6	256413	26.699 ng/ml
Diphenhydramine	5.329	796692	9264.6	30.6	426294.0	1591454	23.851 ng/ml
Doxylamine	4.597	781109	∞	81.6	35108.5	1288310	23.854 ng/ml
EDDP	5.291	301070	∞	42.5	338518.4	597955	24.395 ng/ml
Etizolam	5.831	63434	70094.3	24.9	42666.0	202801	24.564 ng/ml
Fentanyl	5.159	17908	1173.9	132.7	∞	353754	2.402 ng/ml
Flualprazolam	5.727	59879	∞	98.9	70870.1	214938	23.494 ng/ml
Fluoxetine	5.728	123016	203748.9	7.9	∞	193745	24.732 ng/ml
Hydrocodone	3.116	128493	∞	35.4	∞	577448	25.400 ng/ml
Hydromorphone	1.673	108515	2061.7	72.5	2531.6	8748	26.357 ng/ml
Ketamine	4.145	237520	∞	38.9	1307.6	500808	25.152 ng/ml
Lamotrigine	4.355	23871	146750.1	90.9	∞	516975	22.960 ng/ml
Levetiracetam	2.697	123492	5355.9	224.2	9324.4	2646015	25.210 ng/ml

AM #28 Multi-Drug Quant. Results

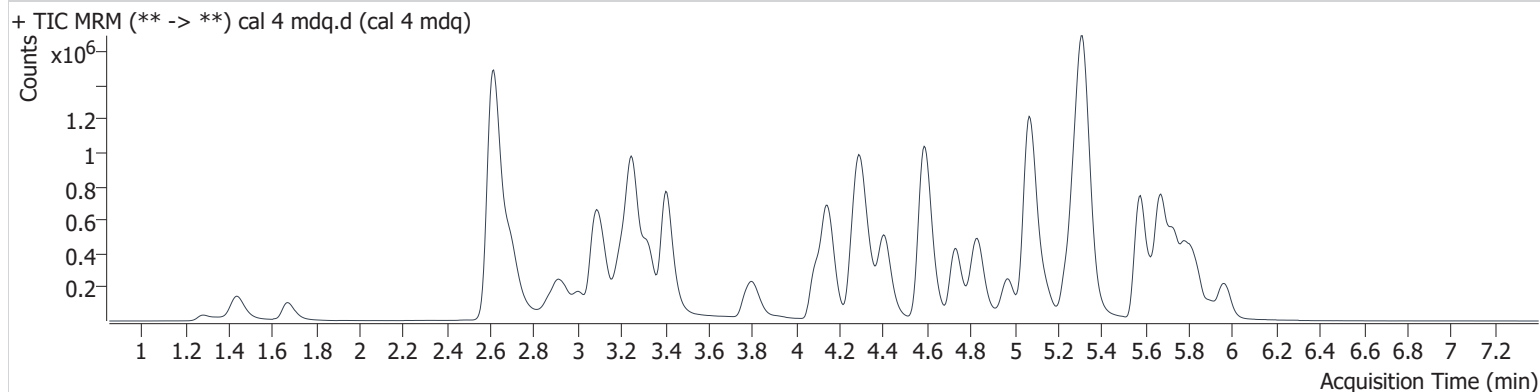
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	12628	2680.8	43.9	55.1	27841	24.027 ng/ml
MDA	3.235	366490	24708.6	25.9	550.4	516975	25.679 ng/ml
MDMA	3.328	239052	39092.5	100.3	9180.8	111363	23.977 ng/ml
Meprobamate	4.946	50437	∞	29.5	746.9	68796	26.844 ng/ml
Methadone	5.676	364889	76114.1	54.2	10780.7	762274	23.776 ng/ml
Methamphetamine	3.257	251815	59.9	263.0	75.2	895278	25.505 ng/ml
Metoprolol	4.360	73588	∞	97.7	∞	2646015	26.549 ng/ml
Mirtazapine	4.732	506915	554571.6	48.0	319863.2	762274	25.651 ng/ml
Mitragynine	5.288	81122	∞	29.9	16602.0	193745	27.665 ng/ml
Morphine	1.286	17082	307072.1	17.7	4039.4	8748	24.138 ng/ml
Norbuprenorphine	5.024	866	1959.0	91.1	4175.8	18769	2.538 ng/ml
Nordiazepam	5.912	56029	∞	65.7	43248.8	87288	24.060 ng/ml
Norfentanyl	4.114	19731	10535.0	36.3	∞	998010	2.644 ng/ml
Norhydrocodone	3.101	3125	∞	412.8	∞	112131	22.366 ng/ml
Noroxycodone	2.951	98240	1388.7	43.7	∞	146501	24.844 ng/ml
O-desmethyl-tramadol	3.409	597078	94278.9	6.1	4280.7	1188797	24.602 ng/ml
Oxazepam	5.781	18912	477.0	71.6	148.6	27841	24.131 ng/ml
Oxycodone	2.909	252873	∞	28.6	∞	426321	25.060 ng/ml
Oxymorphone	1.444	165347	∞	43.7	∞	280006	24.698 ng/ml
Phentermine	3.811	111649	795.2	10.5	620.9	570127	25.723 ng/ml
Promethazine	5.568	228089	∞	40.3	3367.3	490599	23.478 ng/ml
Pseudoephedrine	2.621	1379621	9403.6	25.3	∞	2646015	24.367 ng/ml
Quetiapine	5.586	347537	1436448.4	60.8	541757.2	205850	24.155 ng/ml
Sertraline	5.796	37587	∞	93.1	26663.0	66998	24.037 ng/ml
Temazepam	5.838	114343	13739.6	30.3	504.1	215122	24.863 ng/ml
Tramadol	4.277	602306	40037.6	3.6	2229.0	1136829	25.543 ng/ml
Trazodone	5.299	253073	∞	74.4	∞	488714	26.011 ng/ml
Venlafaxine	5.073	416172	32265.1	40.5	3168.3	1112772	23.353 ng/ml
Zolpidem	5.077	572632	327567.0	30.4	∞	1029347	24.876 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	cal 4 mdq.d
Type	Cal	Sample	cal 4 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-D6	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 1:33:44 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.196	14250	23284.0	147.9	149446.6	77331	5.236 ng/ml
7-aminoclonazepam	4.323	155274	4465.0	74.2	2893.0	121463	51.768 ng/ml
a-hydroxyalprazolam	5.722	19851	471.7	50.5	4414.7	243361	56.227 ng/ml
alpha-PHP	4.976	613220	∞	39.8	12831.1	749745	52.632 ng/ml
alpha-PVP	4.413	796175	38201.1	52.6	47704.4	651205	51.716 ng/ml
Alprazolam	5.791	350790	3102.1	85.8	11621.5	243361	51.984 ng/ml
Amphetamine	3.088	1393730	10739.7	42.1	31647.7	511490	55.246 ng/ml
Benzoylcegonine	3.921	13147	32124.8	16.1	9767.5	9504	51.000 ng/ml
Buprenorphine	5.767	12890	∞	16.1	3968.8	81755	5.620 ng/ml
Bupropion	4.836	810668	1652978.5	67.6	53939.8	749745	51.012 ng/ml
Carisoprodol	5.746	287162	290046.9	58.1	∞	206948	52.690 ng/ml
Citalopram	5.253	530627	13610.2	41.3	266395.7	456789	52.849 ng/ml
Clonazepam	5.639	64962	∞	31.7	65384.6	19946	55.610 ng/ml
Clonazepam	5.581	101198	8539.8	38.8	1231200.6	243361	55.908 ng/ml
Cocaine	4.302	620340	∞	46.8	∞	1004525	52.235 ng/ml
Codeine	2.700	111579	∞	84.3	42453.8	97107	48.592 ng/ml
Cyclobenzaprine	5.647	444320	278435.7	10.1	∞	294888	52.890 ng/ml
Dextromethorphan	5.297	388403	320567.2	73.6	∞	345798	52.316 ng/ml
Dextrorphan	4.154	570474	52976.5	45.8	∞	600559	51.436 ng/ml
Diazepam	5.968	276690	5104.4	87.5	6779.9	244619	52.640 ng/ml
Dihydrocodeine	2.618	244846	4439.0	57.4	3082.7	272456	57.055 ng/ml
Diphenhydramine	5.323	1820403	290495.0	30.4	234813.2	1690402	51.054 ng/ml
Doxylamine	4.592	1828800	4612513.8	81.1	4015819.8	1388528	51.611 ng/ml
EDDP	5.291	753800	33379.7	42.3	313405.5	690647	52.831 ng/ml
Etizolam	5.831	165768	∞	23.7	135222.9	244619	55.021 ng/ml
Fentanyl	5.159	42424	12728.9	129.6	74896.5	395532	5.072 ng/ml
Flualprazolam	5.727	147364	∞	96.1	∞	243361	51.678 ng/ml
Fluoxetine	5.728	340975	∞	7.3	28279.2	254005	52.402 ng/ml
Hydrocodone	3.110	280624	∞	36.5	∞	611125	52.598 ng/ml
Hydromorphone	1.673	256604	1597.5	73.1	2050.5	10426	52.388 ng/ml
Ketamine	4.139	543648	133702.2	39.0	2417.8	536012	54.055 ng/ml
Lamotrigine	4.350	55291	12870.4	87.0	∞	520846	52.919 ng/ml
Levetiracetam	2.697	285614	9991.0	225.5	12763.9	2842954	54.775 ng/ml

AM #28 Multi-Drug Quant. Results

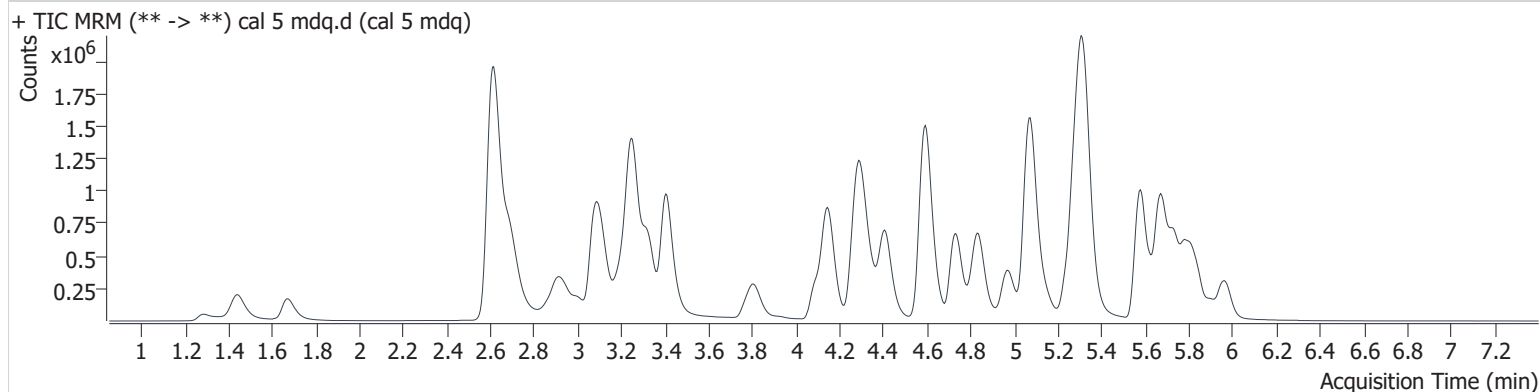
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	26824	3264.9	51.3	602.1	31326	46.478 ng/ml
MDA	3.235	786601	11310.5	26.1	2897.5	520846	55.261 ng/ml
MDMA	3.328	557604	40488.7	100.3	11768.6	119856	51.773 ng/ml
Meprobamate	4.951	115163	132602.7	30.6	846.0	72567	59.116 ng/ml
Methadone	5.676	879716	∞	54.6	1268508.2	844918	51.338 ng/ml
Methamphetamine	3.257	538488	146.8	287.0	4538.1	978172	57.156 ng/ml
Metoprolol	4.354	167771	∞	97.9	∞	2842954	57.581 ng/ml
Mirtazapine	4.732	1144842	51662.8	47.9	∞	844918	52.576 ng/ml
Mitragynine	5.283	183102	16838.2	29.9	74316.7	254005	47.847 ng/ml
Morphine	1.286	43417	16739.7	16.8	5261.1	10426	51.855 ng/ml
Norbuprenorphine	5.024	1831	∞	101.6	8245.9	22039	4.727 ng/ml
Nordiazepam	5.912	142814	∞	64.7	∞	102117	52.329 ng/ml
Norfentanyl	4.109	44155	2378.7	34.9	∞	1097038	5.496 ng/ml
Norhydrocodone	3.101	7912	∞	348.9	∞	119589	51.174 ng/ml
Noroxycodone	2.951	208272	3298.1	45.8	∞	150073	51.492 ng/ml
O-desmethyl-tramadol	3.409	1375850	565515.8	6.1	315665.4	1296185	51.984 ng/ml
Oxazepam	5.776	43721	631.7	71.5	∞	31326	50.984 ng/ml
Oxycodone	2.909	563526	∞	29.1	∞	444113	53.983 ng/ml
Oxymorphone	1.439	371309	∞	43.8	∞	294024	53.191 ng/ml
Phentermine	3.811	252003	∞	10.4	545.1	611682	54.328 ng/ml
Promethazine	5.568	548304	∞	40.6	9397.7	546992	50.730 ng/ml
Pseudoephedrine	2.615	3156788	119586.4	25.1	37719.0	2842954	51.824 ng/ml
Quetiapine	5.580	786494	∞	60.8	2249255.0	214941	52.516 ng/ml
Sertraline	5.791	130560	∞	93.1	∞	103987	53.756 ng/ml
Temazepam	5.838	278332	44714.3	30.7	760.8	247185	52.334 ng/ml
Tramadol	4.277	1357662	76535.6	3.5	835.6	1226569	53.933 ng/ml
Trazodone	5.289	557375	∞	79.8	∞	522674	54.251 ng/ml
Venlafaxine	5.073	967952	223649.6	39.3	6639.5	1187817	50.183 ng/ml
Zolpidem	5.072	1324394	102140.8	30.5	402848.9	1134668	52.158 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	cal 5 mdq.d
Type	Cal	Sample	cal 5 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-E6	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 1:42:46 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.196	24254	∞	136.7	1705283.2	67826	10.219 ng/ml
7-aminoclonazepam	4.323	213712	1818.8	73.2	3042.3	84344	102.865 ng/ml
a-hydroxyalprazolam	5.717	29164	476.1	53.0	3927.0	195526	102.091 ng/ml
alpha-PHP	4.976	989742	240572.1	40.2	52678.3	624182	101.978 ng/ml
alpha-PVP	4.413	1289778	269507.9	53.1	51548.3	548591	99.301 ng/ml
Alprazolam	5.796	544140	9207.8	87.3	∞	195526	100.326 ng/ml
Amphetamine	3.083	2256548	∞	42.8	5265.7	456112	101.243 ng/ml
Benzoylcegonine	3.926	21351	∞	16.0	∞	7863	101.228 ng/ml
Buprenorphine	5.767	20046	∞	15.1	3080.4	70710	10.115 ng/ml
Bupropion	4.836	1308695	61705.0	67.4	42797.5	624182	98.871 ng/ml
Carisoprodol	5.746	455620	1678529.2	57.4	10309.0	169693	101.944 ng/ml
Citalopram	5.253	827339	26780.6	41.1	∞	376212	100.076 ng/ml
Clonazepam	5.639	104243	1406.1	34.4	56245.6	17592	101.061 ng/ml
Clonazepam	5.581	155783	∞	38.4	66182.6	195526	106.695 ng/ml
Cocaine	4.302	992923	569859.9	46.5	559060.8	836634	100.490 ng/ml
Codeine	2.700	174223	100602.8	87.7	∞	77995	93.621 ng/ml
Cyclobenzaprine	5.647	645047	479217.1	10.0	92342.7	226419	99.897 ng/ml
Dextromethorphan	5.297	601964	61594.2	74.6	∞	275011	102.049 ng/ml
Dextrorphan	4.154	921848	406017.6	45.3	∞	506040	98.651 ng/ml
Diazepam	5.968	457061	6076.0	87.7	17559.1	217235	98.120 ng/ml
Dihydrocodeine	2.618	387346	5179.7	58.0	9327.4	227954	108.695 ng/ml
Diphenhydramine	5.324	2843402	104919.1	30.6	1906271.0	1363715	98.641 ng/ml
Doxylamine	4.592	2986715	394414.4	80.9	362251.6	1180807	98.954 ng/ml
EDDP	5.286	1247250	∞	43.5	696877.0	615660	98.025 ng/ml
Etizolam	5.831	262270	48136.1	24.4	126669.0	217235	99.233 ng/ml
Fentanyl	5.149	67811	23450.8	130.4	66700.2	316747	10.109 ng/ml
Flualprazolam	5.727	230783	21484.6	98.1	∞	195526	101.226 ng/ml
Fluoxetine	5.728	479246	64859.9	7.3	58124.5	183680	101.946 ng/ml
Hydrocodone	3.110	460038	∞	36.7	∞	514135	102.653 ng/ml
Hydromorphone	1.673	397134	1928.9	74.3	3942.2	8580	98.606 ng/ml
Ketamine	4.139	861384	169106.9	38.9	5206.4	445417	103.281 ng/ml
Lamotrigine	4.350	85960	1383572.4	87.0	443409.5	445582	96.253 ng/ml
Levetiracetam	2.692	438845	8744.3	224.5	36087.2	2393670	100.321 ng/ml

AM #28 Multi-Drug Quant. Results

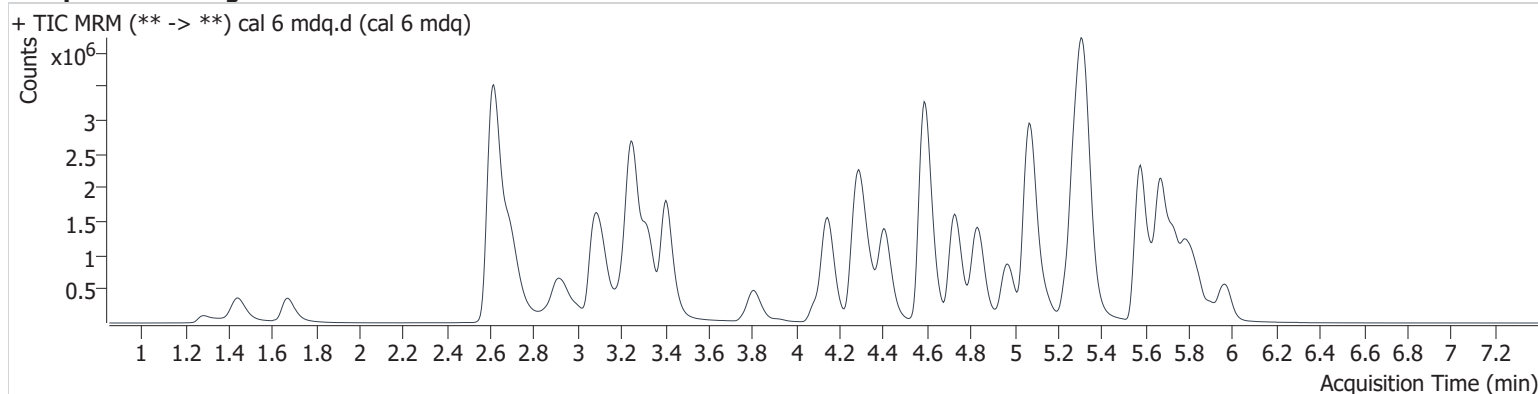
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	42045	∞	49.7	1154.7	24896	92.890 ng/ml
MDA	3.230	1268541	43113.6	26.0	1842.8	445582	104.607 ng/ml
MDMA	3.328	893391	102546.6	100.3	61343.7	101199	98.095 ng/ml
Meprobamate	4.951	180935	200602.3	30.1	20955.1	62841	107.956 ng/ml
Methadone	5.681	1416515	133382.5	54.6	∞	725918	95.934 ng/ml
Methamphetamine	3.257	848151	213.3	272.6	3090.5	838527	111.348 ng/ml
Metoprolol	4.360	261998	842347.2	97.1	∞	2393670	107.748 ng/ml
Mirtazapine	4.732	1796974	178316.3	48.3	∞	725918	96.301 ng/ml
Mitragynine	5.283	282756	61040.8	31.3	28039.0	183680	102.521 ng/ml
Morphine	1.286	72110	80600.0	18.4	∞	8580	104.999 ng/ml
Norbuprenorphine	5.029	3129	∞	92.5	3721.7	18458	9.849 ng/ml
Nordiazepam	5.912	242050	∞	63.8	∞	89438	101.192 ng/ml
Norfentanyl	4.109	74449	6543.4	33.4	6597.8	959361	10.697 ng/ml
Norhydrocodone	3.101	13530	∞	387.3	∞	102910	100.310 ng/ml
Noroxycodone	2.946	348942	3561.0	45.1	∞	126077	102.761 ng/ml
O-desmethyl-tramadol	3.409	2246997	313943.5	6.1	56484.6	1096322	100.367 ng/ml
Oxazepam	5.776	64051	∞	74.9	388.5	24896	95.104 ng/ml
Oxycodone	2.909	905781	∞	29.0	∞	382205	101.109 ng/ml
Oxymorphone	1.439	609671	∞	43.9	∞	250571	102.786 ng/ml
Phentermine	3.811	416298	1493.1	10.1	1139.6	526615	104.421 ng/ml
Promethazine	5.568	829556	∞	39.8	60371.4	426888	98.434 ng/ml
Pseudoephedrine	2.615	5159362	∞	25.0	∞	2393670	100.539 ng/ml
Quetiapine	5.580	1251791	∞	59.8	∞	176706	101.803 ng/ml
Sertraline	5.791	179139	733000.4	94.3	85868.6	76633	100.060 ng/ml
Temazepam	5.838	435621	26846.0	30.3	2909.0	206716	97.680 ng/ml
Tramadol	4.277	2209304	∞	3.5	1789.8	1045101	103.478 ng/ml
Trazodone	5.289	835365	∞	79.0	699121.1	422838	101.059 ng/ml
Venlafaxine	5.073	1519275	341796.2	40.3	7063.6	983897	94.558 ng/ml
Zolpidem	5.072	2119439	∞	30.5	869706.3	949694	99.697 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	cal 6 mdq.d
Type	Cal	Sample	cal 6 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-F6	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 1:51:48 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.196	52449	205731.1	141.9	88843.4	60824	24.731 ng/ml
7-aminoclonazepam	4.318	415568	∞	74.5	4126.0	66780	253.016 ng/ml
a-hydroxyalprazolam	5.717	58320	∞	53.4	688.5	165105	240.567 ng/ml
alpha-PHP	4.971	2344379	28753.4	39.5	530650.5	601731	250.472 ng/ml
alpha-PVP	4.408	2998479	107116284.6	53.0	90134.6	514446	245.941 ng/ml
Alprazolam	5.791	1124740	8373.5	86.4	∞	165105	245.522 ng/ml
Amphetamine	3.083	4509212	59641.1	43.6	24719.9	426183	217.826 ng/ml
Benzoylcegonine	3.921	51881	∞	17.0	23017.4	7796	249.751 ng/ml
Buprenorphine	5.767	45018	∞	17.0	∞	67150	23.937 ng/ml
Bupropion	4.836	3147496	1386256.4	67.1	123482.1	601731	246.591 ng/ml
Carisoprodol	5.746	895222	11739101.0	56.4	22493.2	133781	254.060 ng/ml
Citalopram	5.248	1909407	37202.7	41.9	1178814.8	347443	250.132 ng/ml
Clonazepam	5.639	221258	∞	32.3	∞	15717	239.912 ng/ml
Clonazepam	5.586	293380	276438.0	40.3	504223.5	165105	237.389 ng/ml
Cocaine	4.296	2227647	2404707.8	46.2	∞	761775	247.772 ng/ml
Codeine	2.700	370857	∞	87.1	∞	63287	244.150 ng/ml
Cyclobenzaprine	5.641	1809613	35439.5	10.1	219964.3	260210	243.685 ng/ml
Dextromethorphan	5.297	1380926	220058.6	75.2	1649006.2	261299	246.533 ng/ml
Dextrophan	4.149	2070047	847460.8	45.5	2222816.2	460208	243.598 ng/ml
Diazepam	5.968	1008595	59532.4	87.7	∞	190702	247.005 ng/ml
Dihydrocodeine	2.618	831481	6930.3	58.1	5648.3	212468	251.520 ng/ml
Diphenhydramine	5.329	6648532	281110.0	30.1	77536.0	1276662	246.043 ng/ml
Doxylamine	4.587	7235674	437968.8	81.2	475243.3	1124714	251.409 ng/ml
EDDP	5.286	2979244	44760.4	43.7	4498233.8	595536	241.996 ng/ml
Etizolam	5.831	568056	∞	24.4	∞	190702	247.103 ng/ml
Fentanyl	5.149	192971	35245.6	132.1	554987.6	368700	24.692 ng/ml
Flualprazolam	5.727	471402	19044.1	97.4	11686.3	165105	245.602 ng/ml
Fluoxetine	5.728	1356764	219870.0	7.6	88061.1	213159	248.844 ng/ml
Hydrocodone	3.110	1003094	∞	37.2	∞	467842	246.217 ng/ml
Hydromorphone	1.673	913633	1717.5	72.5	10344.9	8227	236.723 ng/ml
Ketamine	4.139	1885848	151384.2	39.0	14234.7	405606	248.639 ng/ml
Lamotrigine	4.350	184125	20395.5	85.3	∞	356126	258.132 ng/ml
Levetiracetam	2.697	915310	46098.9	226.7	178938.2	2168603	231.533 ng/ml

AM #28 Multi-Drug Quant. Results

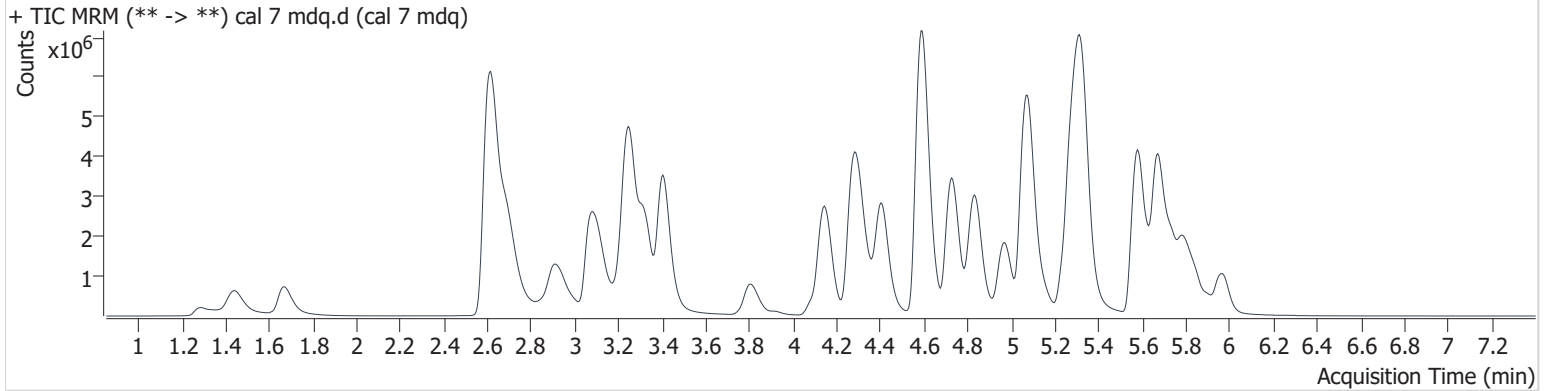
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.769	78904	11460.6	47.5	1507.4	17132	255.489 ng/ml
MDA	3.225	2406767	87006.3	26.5	4320.0	356126	248.996 ng/ml
MDMA	3.323	2036871	∞	99.6	98929.6	90226	250.594 ng/ml
Meprobamate	4.946	375422	407239.4	30.5	3639.1	58146	243.160 ng/ml
Methadone	5.676	3672112	271245.6	52.5	19100.3	726732	247.906 ng/ml
Methamphetamine	3.257	1868602	567.8	256.8	20112.3	802338	266.228 ng/ml
Metoprolol	4.354	551513	355861.8	95.3	∞	2168603	251.821 ng/ml
Mirtazapine	4.730	4459245	206051.8	48.1	∞	726732	239.151 ng/ml
Mitragynine	5.278	669638	41686.2	32.4	2945064.9	213159	209.534 ng/ml
Morphine	1.286	164567	∞	16.4	∞	8227	250.380 ng/ml
Norbuprenorphine	5.014	7799	7721.9	90.9	19020.4	17469	26.263 ng/ml
Nordiazepam	5.912	476898	∞	63.4	1257940.6	71055	250.837 ng/ml
Norfentanyl	4.103	165521	67919.9	34.8	∞	923149	24.858 ng/ml
Norhydrocodone	3.101	33406	∞	358.2	∞	93734	269.509 ng/ml
Noroxycodone	2.946	746470	2704.2	44.3	∞	112516	246.424 ng/ml
O-desmethyl-tramadol	3.404	5208516	452307.0	6.1	51435.3	1046666	243.674 ng/ml
Oxazepam	5.776	117356	39832.1	74.5	75319.2	17132	255.421 ng/ml
Oxycodone	2.904	2067529	∞	28.5	∞	357733	247.052 ng/ml
Oxymorphone	1.439	1360765	∞	43.5	∞	230867	249.460 ng/ml
Phentermine	3.811	956566	∞	9.2	6969.2	493882	256.118 ng/ml
Promethazine	5.568	2460588	4127187.2	38.5	96907.2	496792	251.033 ng/ml
Pseudoephedrine	2.618	11420638	∞	24.7	∞	2168603	245.558 ng/ml
Quetiapine	5.580	3002489	1617332.1	60.8	∞	174214	247.873 ng/ml
Sertraline	5.791	509090	∞	94.1	206268.1	89840	242.513 ng/ml
Temazepam	5.843	851977	17548.4	30.7	3081.9	160158	246.117 ng/ml
Tramadol	4.277	5051214	653121.0	3.5	4727.4	985961	251.518 ng/ml
Trazodone	5.289	1880009	275966.9	79.5	21492.1	451550	213.691 ng/ml
Venlafaxine	5.073	3546373	2661771.8	39.2	20555.4	878015	246.379 ng/ml
Zolpidem	5.067	4878548	269334.0	30.7	582590.9	885089	246.185 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	cal 7 mdq.d
Type	Cal	Sample	cal 7 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-G6	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 2:00:50 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	107113	328277.6	140.1	∞	60943	50.472 ng/ml
7-aminoclonazepam	4.313	687316	2678.5	78.1	5621.6	57237	488.482 ng/ml
a-hydroxyalprazolam	5.717	101227	4580.9	55.9	5203.2	149640	459.911 ng/ml
alpha-PHP	4.971	5159842	∞	39.4	72781.5	679409	488.184 ng/ml
alpha-PVP	4.408	6685959	1332986.8	53.1	1532443.4	562096	501.740 ng/ml
Alprazolam	5.791	2080545	∞	86.8	30134.2	149640	501.061 ng/ml
Amphetamine	3.073	7580647	∞	44.7	58433.0	441384	354.302 ng/ml
Benzoylcegonine	3.921	130892	294267.7	15.8	71329.2	9483	519.276 ng/ml
Buprenorphine	5.767	80643	∞	16.2	51336.6	59237	48.621 ng/ml
Bupropion	4.836	7330358	∞	64.7	472213.3	679409	508.586 ng/ml
Carisoprodol	5.751	1582912	4177001.1	56.1	25240.6	123737	485.675 ng/ml
Citalopram	5.243	3565790	429977.6	42.1	∞	325329	498.900 ng/ml
Clonazepam	5.639	408241	596328.9	33.8	503472.0	14402	482.914 ng/ml
Clonazepam	5.591	533859	204906.0	40.0	1478806.3	149640	476.151 ng/ml
Cocaine	4.300	4496885	303025.4	46.0	138278.3	770372	494.702 ng/ml
Codeine	2.700	718976	135617.1	89.8	24732.5	55207	541.510 ng/ml
Cyclobenzaprine	5.641	3159032	83090.7	9.9	3934.5	219562	504.027 ng/ml
Dextromethorphan	5.297	2473708	321823.2	73.1	∞	233200	494.940 ng/ml
Dextrophan	4.154	4261986	702116.1	44.9	∞	463722	497.748 ng/ml
Diazepam	5.968	2082439	∞	87.6	∞	196581	494.975 ng/ml
Dihydrocodeine	2.618	1576197	8007.8	59.9	4566.1	228435	444.163 ng/ml
Diphenhydramine	5.329	12709783	545049.5	29.8	872078.0	1170240	512.887 ng/ml
Doxylamine	4.591	16847642	6850908.1	82.1	774256.8	1293753	508.718 ng/ml
EDDP	5.287	6866805	119434.5	43.1	360340.7	671975	494.278 ng/ml
Etizolam	5.836	1152201	36710.7	24.9	∞	196581	487.710 ng/ml
Fentanyl	5.154	421953	618514.5	131.9	547903.4	388257	51.256 ng/ml
Flualprazolam	5.727	883483	24662.9	96.2	∞	149640	508.425 ng/ml
Fluoxetine	5.728	1761102	81845.6	7.5	∞	141160	487.849 ng/ml
Hydrocodone	3.105	2126784	∞	36.1	5694810365 2986.5	504381	484.381 ng/ml
Hydromorphone	1.668	2061496	4118.3	69.1	2029.3	8720	504.001 ng/ml
Ketamine	4.134	3691398	1209206.5	39.0	32344.6	409373	482.433 ng/ml
Lamotrigine	4.350	309693	8055.0	88.6	279296.7	289434	534.324 ng/ml

AM #28 Multi-Drug Quant. Results

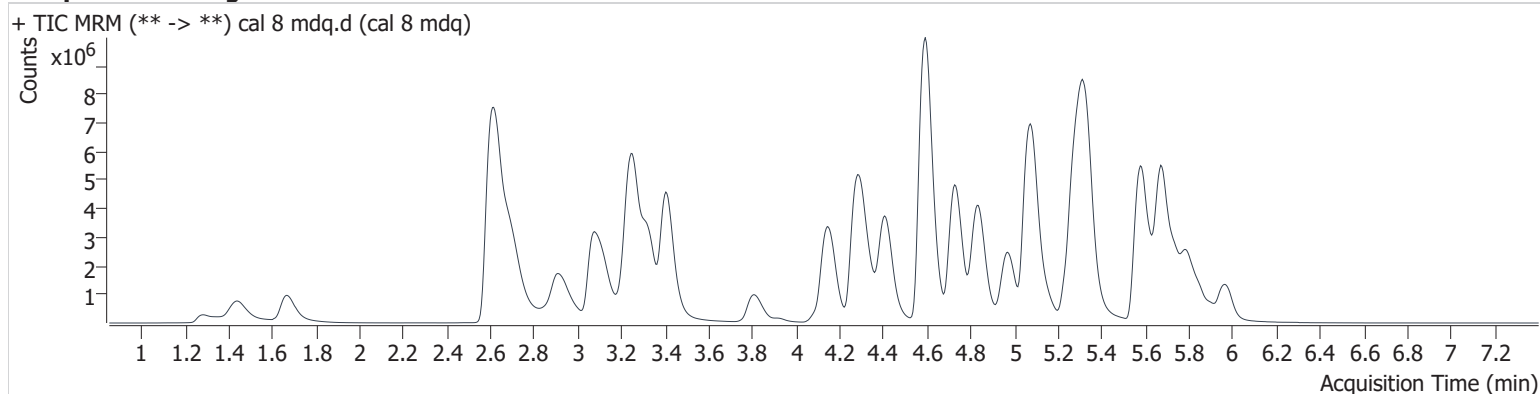
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.697	1858011	332863.3	226.6	94859.9	2132546	478.410 ng/ml
Lorazepam	5.764	146166	∞	49.6	∞	15934	510.110 ng/ml
MDA	3.220	3747669	171362.3	26.2	6574.0	289434	477.511 ng/ml
MDMA	3.323	4169362	289657.7	98.4	253850.7	92451	500.445 ng/ml
Meprobamate	4.941	725716	∞	30.0	15090.7	60307	453.945 ng/ml
Methadone	5.676	8065138	201990.7	50.5	1038897.8	777054	508.883 ng/ml
Methamphetamine	3.252	3724461	30110.6	256.8	14074.7	915683	470.600 ng/ml
Metoprolol	4.354	962691	69028.6	96.0	∞	2132546	447.858 ng/ml
Mirtazapine	4.727	9900774	578897.4	47.0	36344504.6	777054	496.919 ng/ml
Mitragynine	5.278	1172840	82999.1	33.0	5129.0	141160	554.671 ng/ml
Morphine	1.286	349008	∞	16.0	∞	8720	501.268 ng/ml
Norbuprenorphine	5.019	14626	51039.2	89.8	30442.2	16297	52.994 ng/ml
Nordiazepam	5.912	806619	∞	63.3	∞	61389	490.991 ng/ml
Norfentanyl	4.103	335455	22644.2	35.1	98531.9	1015927	45.870 ng/ml
Norhydrocodone	3.095	62496	∞	368.5	∞	94286	500.037 ng/ml
Noroxycodone	2.946	1403286	4217.4	44.4	∞	104423	499.226 ng/ml
O-desmethyl-tramadol	3.404	11775291	1271086.0	6.0	235981.1	1151734	500.628 ng/ml
Oxazepam	5.776	209372	28647.5	71.1	3678.5	15934	491.171 ng/ml
Oxycodone	2.904	4548792	∞	28.4	∞	398330	488.466 ng/ml
Oxymorphone	1.439	2713943	∞	43.6	∞	234629	489.868 ng/ml
Phentermine	3.811	1853340	33493.1	8.5	10696.5	525664	466.382 ng/ml
Promethazine	5.568	4674923	385927.4	38.1	33614.0	466403	508.114 ng/ml
Pseudoephedrine	2.615	22921704	∞	24.3	∞	2132546	501.115 ng/ml
Quetiapine	5.586	5950375	6270311.0	61.5	∞	177049	483.506 ng/ml
Sertraline	5.791	608139	921287.6	94.4	75385.8	52343	497.194 ng/ml
Temazepam	5.849	1444766	27035.6	31.0	3843.6	135314	493.685 ng/ml
Tramadol	4.273	10620867	438672.4	3.4	10492.4	1085397	480.877 ng/ml
Trazodone	5.289	2970318	41700.7	79.2	141530.8	454794	335.582 ng/ml
Venlafaxine	5.073	7310113	203697.1	38.4	27027.1	851955	522.724 ng/ml
Zolpidem	5.072	10695669	1736216.5	29.8	6210692.2	945808	505.049 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\052821\QuantResults\mdq.batch.bin
Calibration Last Update 5/29/2021 9:25:54 AM

Instrument	69679	Data File	cal 8 mdq.d
Type	Cal	Sample	cal 8 mdq
Acq. Method	mdqp1 1-21-21long.m	Operator	Anne Nord
Sample Position	P2-H6	Comment	
Injection Volume	3		
Acq. Date-Time	5/28/2021 2:18:48 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.191	147220	781566.3	139.1	1059422.8	42819	98.794 ng/ml
7-aminoclonazepam	4.318	809289	6115.1	76.7	10232.0	34473	955.215 ng/ml
a-hydroxyalprazolam	5.722	125798	9008.0	57.5	∞	92541	923.309 ng/ml
alpha-PHP	4.971	7159035	150797.8	38.9	107871.4	469827	979.415 ng/ml
alpha-PVP	4.413	9355738	180200.6	52.4	119320.7	385198	1024.348 ng/ml
Alprazolam	5.791	2523355	12090.0	90.5	∞	92541	982.623 ng/ml
Amphetamine	3.073	9479492	∞	44.7	∞	316778	618.176 ng/ml
Benzoylcegonine	3.921	201848	467794.2	16.4	∞	7361	1032.776 ng/ml
Buprenorphine	5.767	95798	331321.1	15.8	65789.5	35946	95.194 ng/ml
Bupropion	4.836	10384251	2813453.2	64.6	216219.1	469827	1041.805 ng/ml
Carisoprodol	5.751	1848143	∞	56.3	35932.8	73331	956.825 ng/ml
Citalopram	5.243	4514715	766544.2	43.0	1330646.0	211805	970.258 ng/ml
Clonazepam	5.639	496978	183698.5	32.6	726493.3	8621	981.956 ng/ml
Clonazepam	5.591	608602	11801.1	39.6	4509504.2	92541	877.347 ng/ml
Cocaine	4.302	6006428	1780729.9	44.8	3439932.0	503726	1010.660 ng/ml
Codeine	2.700	942286	1163464.8	90.2	∞	35071	1116.214 ng/ml
Cyclobenzaprine	5.636	4291109	142092.8	10.0	42829.9	152448	985.946 ng/ml
Dextromethorphan	5.297	3032369	∞	73.5	641298.3	143534	985.834 ng/ml
Dextrophan	4.154	5773702	∞	44.2	324653.9	300104	1041.940 ng/ml
Diazepam	5.968	2780794	21770.4	86.4	1814118.4	127504	1019.306 ng/ml
Dihydrocodeine	2.618	2053899	11737.9	59.8	27331.8	160125	826.470 ng/ml
Diphenhydramine	5.334	16056465	323584.0	30.0	223445.9	733366	1033.698 ng/ml
Doxylamine	4.592	23877231	2655623.4	84.2	972983.7	917144	1016.856 ng/ml
EDDP	5.286	10442540	322931.8	41.8	∞	489035	1032.800 ng/ml
Etizolam	5.836	1470470	57393.6	24.9	∞	127504	961.135 ng/ml
Fentanyl	5.154	636601	300490.6	132.9	1313391.3	287242	104.508 ng/ml
Flualprazolam	5.727	1111642	57003.8	95.1	8920.8	92541	1034.984 ng/ml
Fluoxetine	5.728	2440148	1896904.2	7.7	134342.0	96606	987.799 ng/ml
Hydrocodone	3.105	3004410	∞	37.3	∞	352560	979.100 ng/ml
Hydromorphone	1.668	2853281	3441.0	72.5	4268.6	6313	963.717 ng/ml
Ketamine	4.134	4859936	∞	38.6	∞	280818	926.129 ng/ml
Lamotrigine	4.350	359644	158792.0	89.5	∞	182002	986.863 ng/ml
Levetiracetam	2.697	2473930	96438.6	226.1	1732721.6	1424170	954.278 ng/ml

AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.764	181845	4532.4	50.3	16965.5	9173	1103.830 ng/ml
	3.215	4346198	85413.2	26.9	9541.1	182002	881.067 ng/ml
MDMA	3.323	5560683	∞	98.3	164691.5	60740	1015.734 ng/ml
Meprobamate	4.941	939108	∞	29.0	26846.3	43365	817.621 ng/ml
Methadone	5.676	11520342	32900892.8	49.1	157811.6	536083	1053.292 ng/ml
Methamphetamine	3.252	4909355	6445.9	259.1	21430.5	657730	869.910 ng/ml
Metoprolol	4.360	1167787	2121653.2	95.7	10667.5	1424170	814.399 ng/ml
Mirtazapine	4.727	13904753	840006.7	47.0	∞	536083	1011.888 ng/ml
Mitragynine	5.278	1433990	59165.8	33.8	13841.1	96606	991.182 ng/ml
Morphine	1.281	470959	∞	16.3	∞	6313	934.695 ng/ml
Norbuprenorphine	5.024	19221	100226.6	97.7	36055.8	10816	105.128 ng/ml
Nordiazepam	5.912	1025780	∞	62.5	∞	37927	1010.577 ng/ml
Norfentanyl	4.103	463219	38863.7	35.0	250375.8	752846	85.568 ng/ml
Norhydrocodone	3.101	92492	∞	328.8	∞	65800	1058.856 ng/ml
Noroxycodone	2.946	1868468	16554.5	44.2	3124.3	71063	976.829 ng/ml
O-desmethyl-tramadol	3.404	16423494	986292.3	6.0	79785.4	804289	999.874 ng/ml
Oxazepam	5.776	256356	157488.7	71.2	4902.0	9173	1046.140 ng/ml
Oxycodone	2.904	6366101	∞	28.6	∞	281552	967.475 ng/ml
Oxymorphone	1.439	3616176	∞	43.6	∞	160740	953.072 ng/ml
Phentermine	3.811	2484600	14718.4	8.3	∞	368943	891.001 ng/ml
Promethazine	5.568	6965489	3768620.6	37.3	87083.4	340746	1036.360 ng/ml
Pseudoephedrine	2.615	30724856	∞	23.9	∞	1424170	1005.749 ng/ml
Quetiapine	5.586	7864230	5861391.3	59.8	6085601.8	112277	1007.824 ng/ml
Sertraline	5.786	888093	1313976.3	95.1	∞	37871	1003.508 ng/ml
Temazepam	5.849	1720874	339883.8	31.7	3092.8	77768	1022.833 ng/ml
Tramadol	4.274	14540496	∞	3.3	20848.6	785141	910.575 ng/ml
Trazodone	5.283	3504340	79910.2	77.8	307828.0	324013	556.142 ng/ml
Venlafaxine	5.073	9686286	∞	37.6	66282.2	540958	1090.187 ng/ml
Zolpidem	5.072	14473649	781581.2	29.9	245861.7	661085	977.767 ng/ml