

Worklist: 2897

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2018-2464	4	137871	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
C2018-2592	2	137872	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
C2019-0022	3	137873	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-4457	4	137874	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-5815	2	137870	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-5955	1	137875	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-6222	3	137876	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-6226	3	137877	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
M2018-6263	3	137878	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-3523	1	137879	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-3568	1	137880	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2018-3569	1	137881	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2019-0051	1	137882	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2019-0061	1	137883	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2019-0097	1	137884	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	
P2019-0124	1	137885	AM 13 Urine LCMS-QQQ Benzodiazepines and ;	

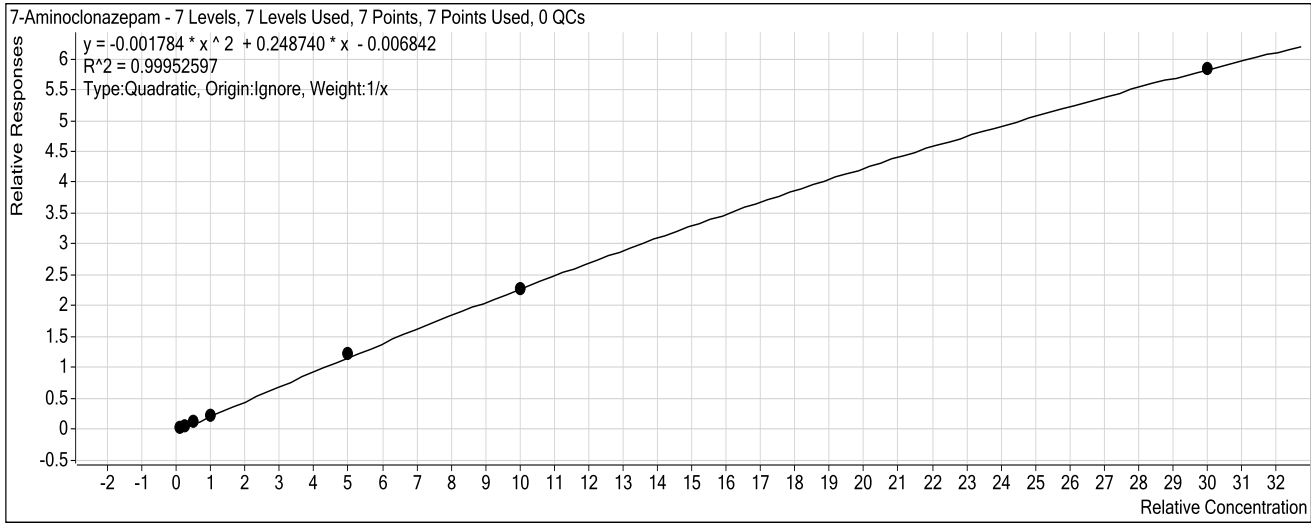
CS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound 7-Aminoclonazepam
Internal Standard 7-Aminoflunitrazepam-D7 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	11.6	116.2
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.5	90.1
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.7	97.3
100 ng/mL	4	<input checked="" type="checkbox"/>	100	93.8	93.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	517.0	103.4
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	991.0	99.1
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3000.3	100.0

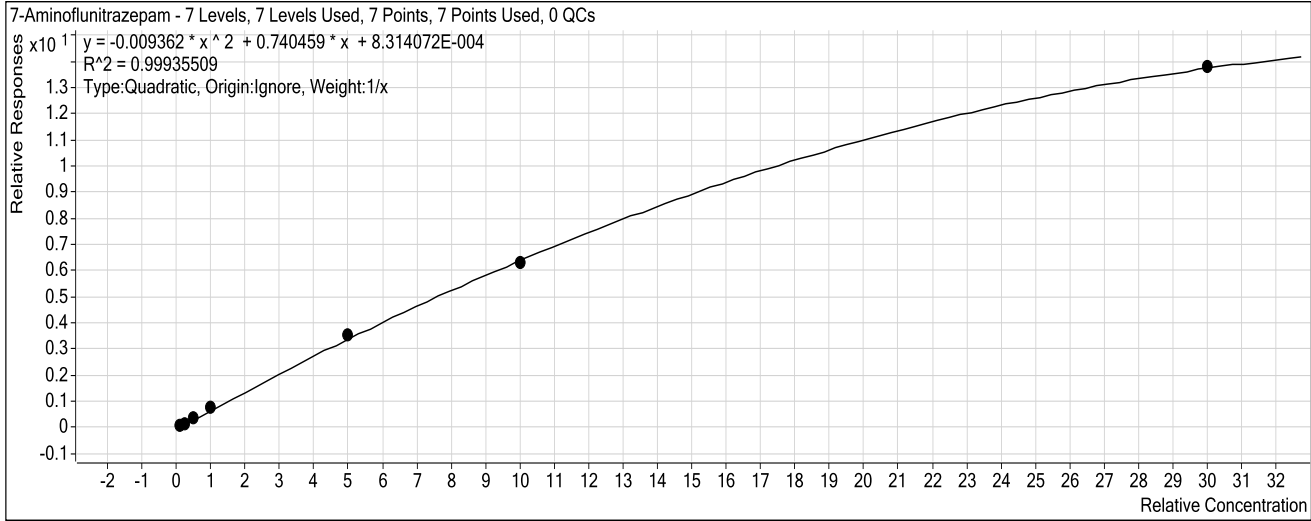
ISP Forensics Calibration Curve Report

CJ

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound 7-Aminoflunitrazepam
Internal Standard 7-Aminoflunitrazepam-D7 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.0	99.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.5	90.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	53.7	107.5
100 ng/mL	4	<input checked="" type="checkbox"/>	100	102.2	102.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	516.2	103.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	970.0	97.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3021.1	100.7

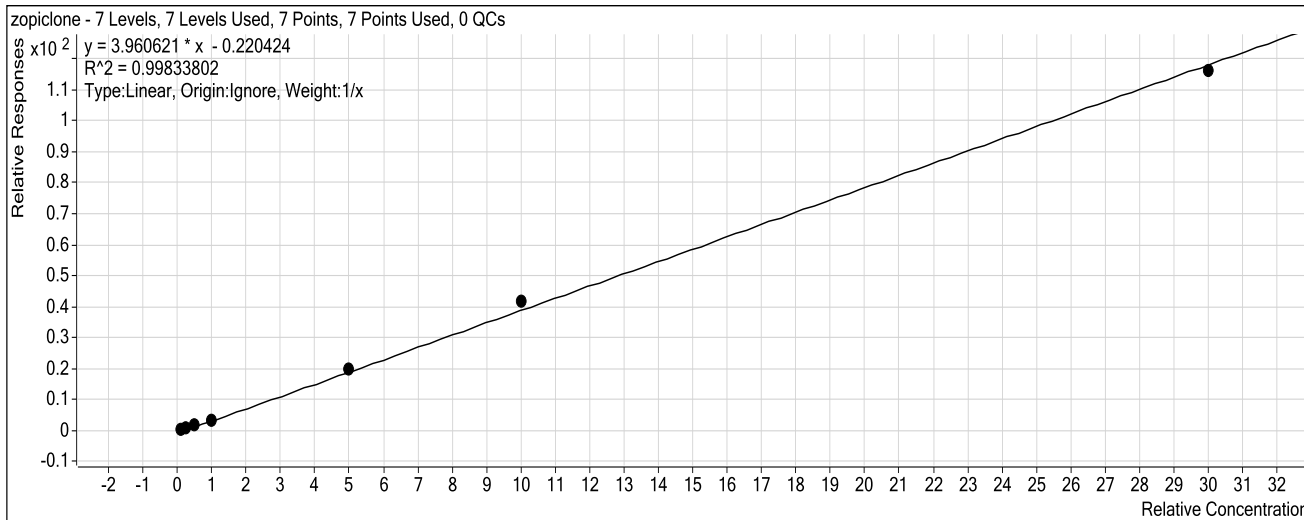
ISP Forensics Calibration Curve Report

CJ

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound *zopiclone*
Internal Standard *Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	12.1	120.9
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.0	91.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.7	91.4
100 ng/mL	4	<input checked="" type="checkbox"/>	100	90.1	90.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	505.1	101.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1065.4	106.5
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2943.6	98.1

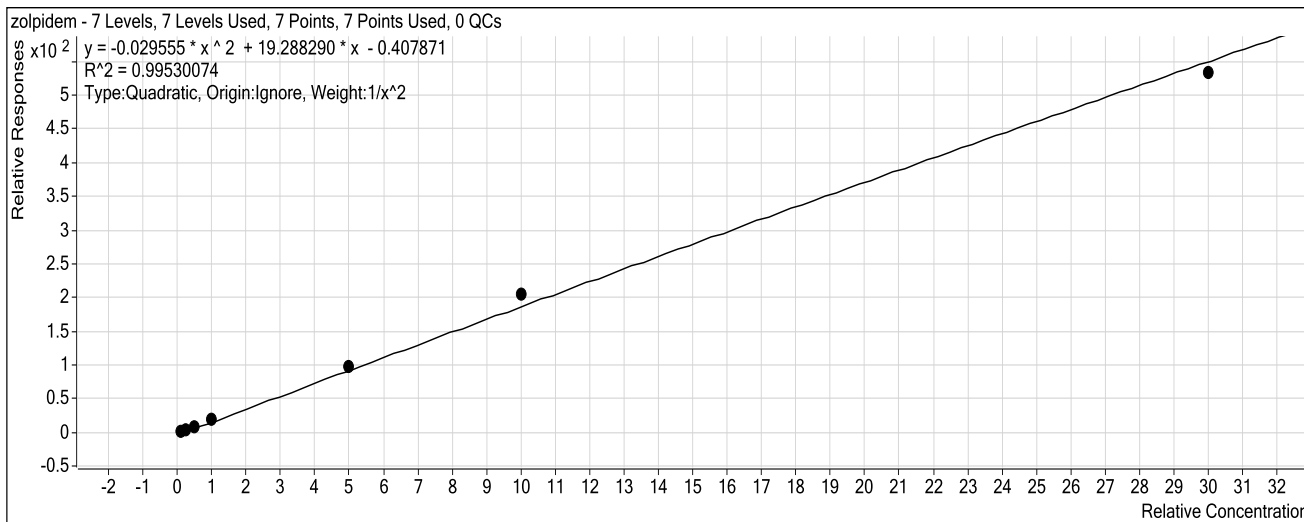
ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound zolpidem
Internal Standard Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.4	104.3
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.7	90.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.0	96.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	100.9	100.9
500 ng/mL	5	<input checked="" type="checkbox"/>	500	517.0	103.4
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1081.9	108.2
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2897.7	96.6

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update

1/24/2019 11:57 AM

Analyst Name

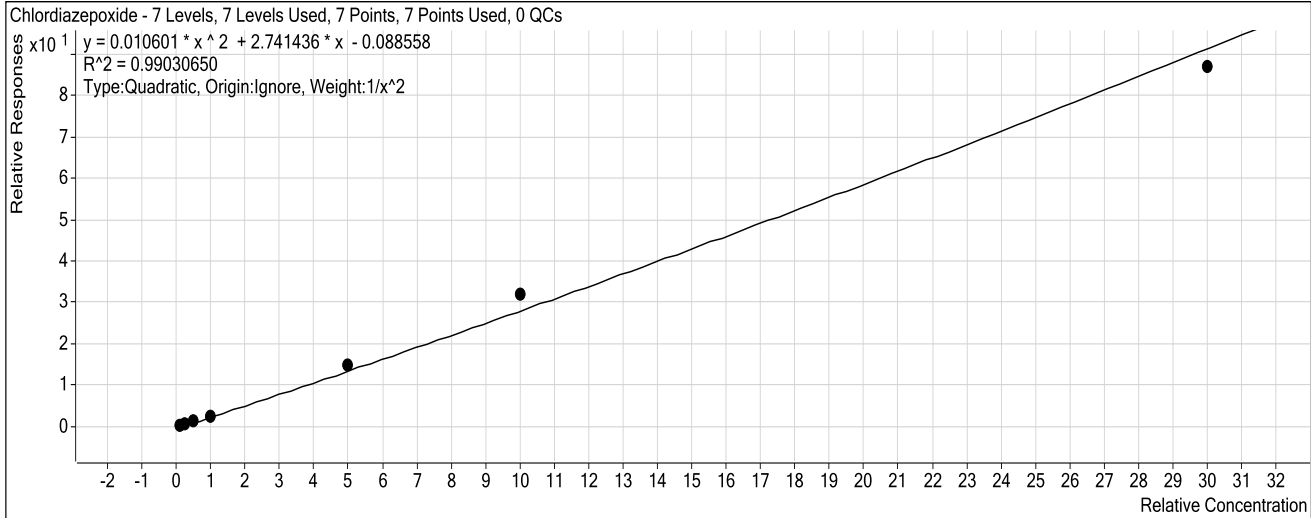
ISP TOX

Target Compound

Chlordiazepoxide

Internal Standard

Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.5	105.4
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.6	90.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.5	93.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	94.9	94.9
500 ng/mL	5	<input checked="" type="checkbox"/>	500	538.3	107.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1127.3	112.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2863.7	95.5

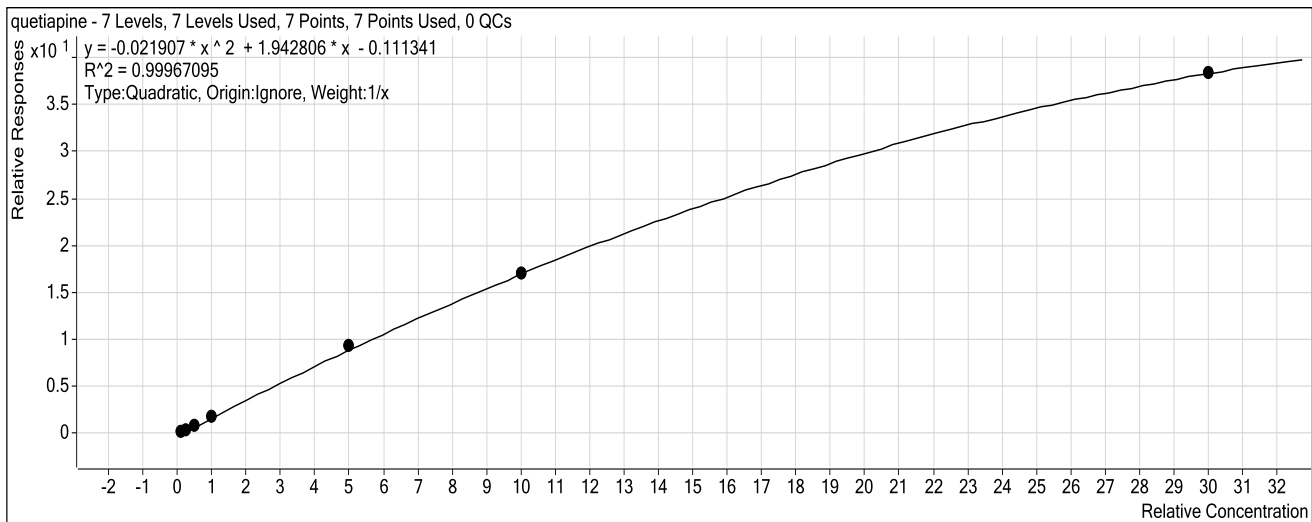
ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound *quetiapine*
Internal Standard *Temazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	11.3	112.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.8	91.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	48.0	96.1
100 ng/mL	4	<input checked="" type="checkbox"/>	100	98.3	98.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	513.7	102.7
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	989.0	98.9
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3002.9	100.1

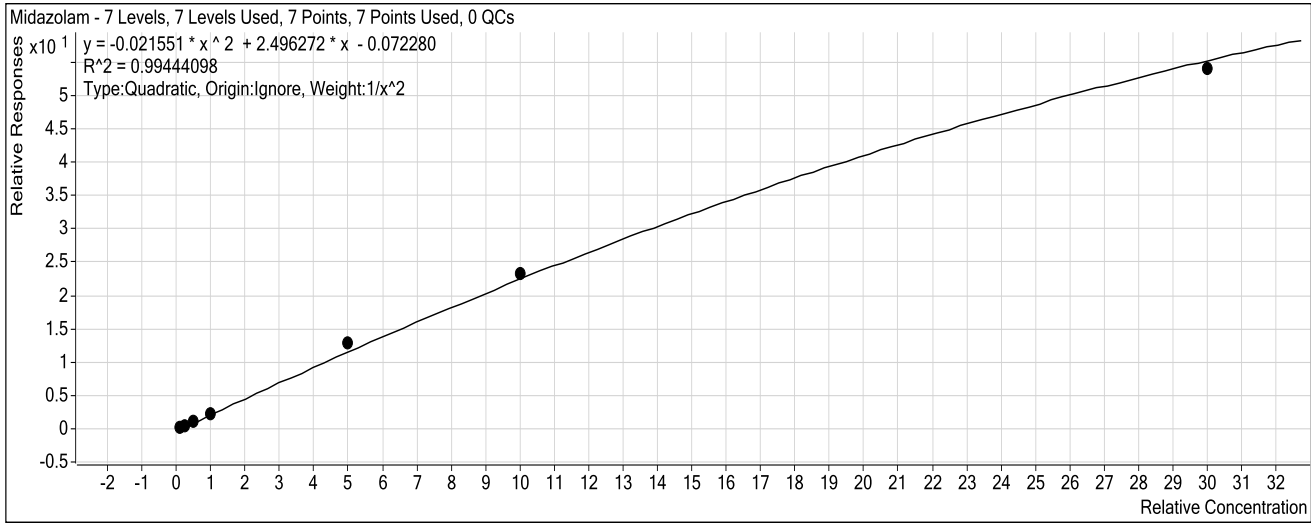
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ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound Midazolam
Internal Standard Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	1	<input checked="" type="checkbox"/>	10	10.4	104.3
25 ngmL	2	<input checked="" type="checkbox"/>	25	22.2	88.7
50ngmL	3	<input checked="" type="checkbox"/>	50	50.5	101.0
100 ngmL	4	<input checked="" type="checkbox"/>	100	98.3	98.3
500ngmL	5	<input checked="" type="checkbox"/>	500	541.1	108.2
1000 ngmL	6	<input checked="" type="checkbox"/>	1000	1023.1	102.3
3000 ngmL	7	<input checked="" type="checkbox"/>	3000	2892.2	96.4

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update

1/24/2019 11:57 AM

Analyst Name

ISP TOX

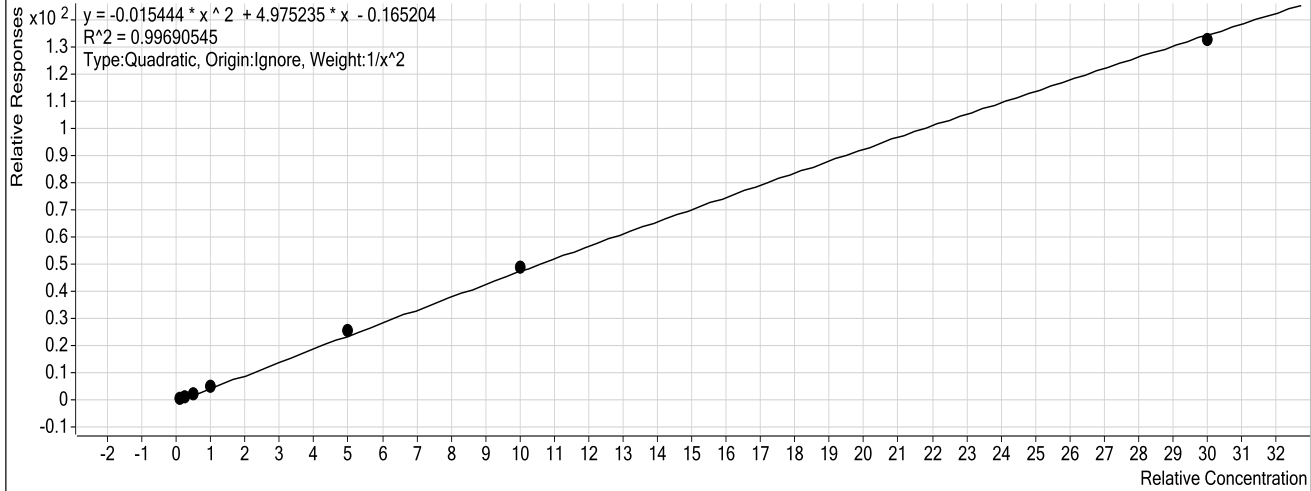
Target Compound

Flurazepam

Internal Standard

Diazepam-D5 ISTD

Flurazepam - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 0 QCs



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.4	103.7
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.7	91.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.0	98.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	102.0	102.0
500 ng/mL	5	<input checked="" type="checkbox"/>	500	525.1	105.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1019.6	102.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2948.7	98.3

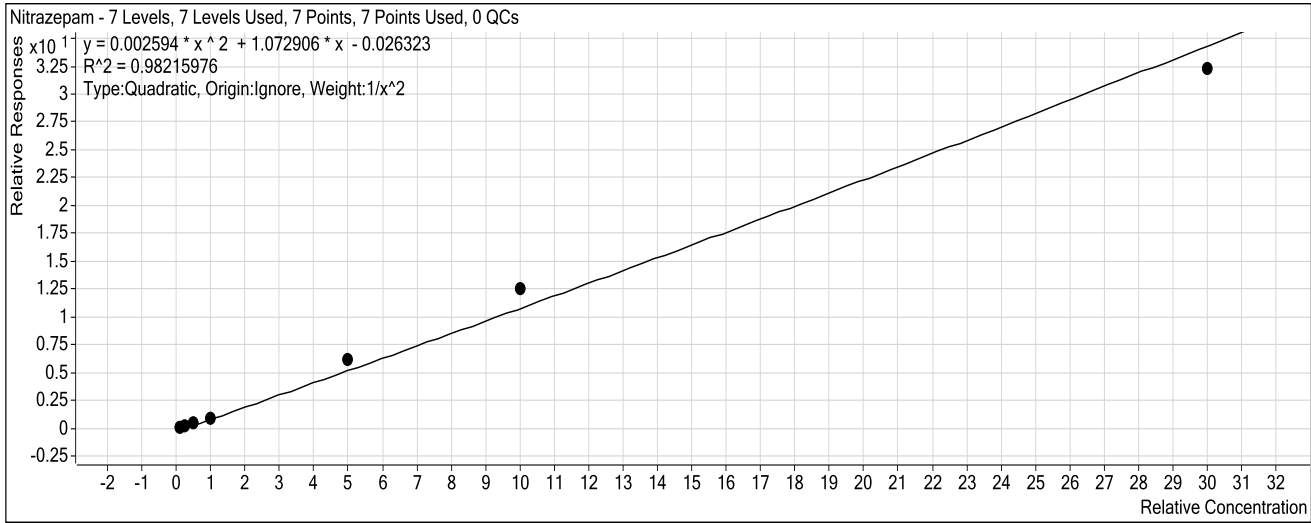
CS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound Nitrazepam
Internal Standard Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.8	107.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	21.4	85.6
50 ng/mL	3	<input checked="" type="checkbox"/>	50	46.6	93.1
100 ng/mL	4	<input checked="" type="checkbox"/>	100	91.3	91.3
500 ng/mL	5	<input checked="" type="checkbox"/>	500	572.6	114.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1136.0	113.6
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2822.5	94.1

ISP Forensics Calibration Curve Report

No cases can be reported as inconclusive for this compound for this run.

Batch Data Path

C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update

1/24/2019 11:57 AM

Analyst Name

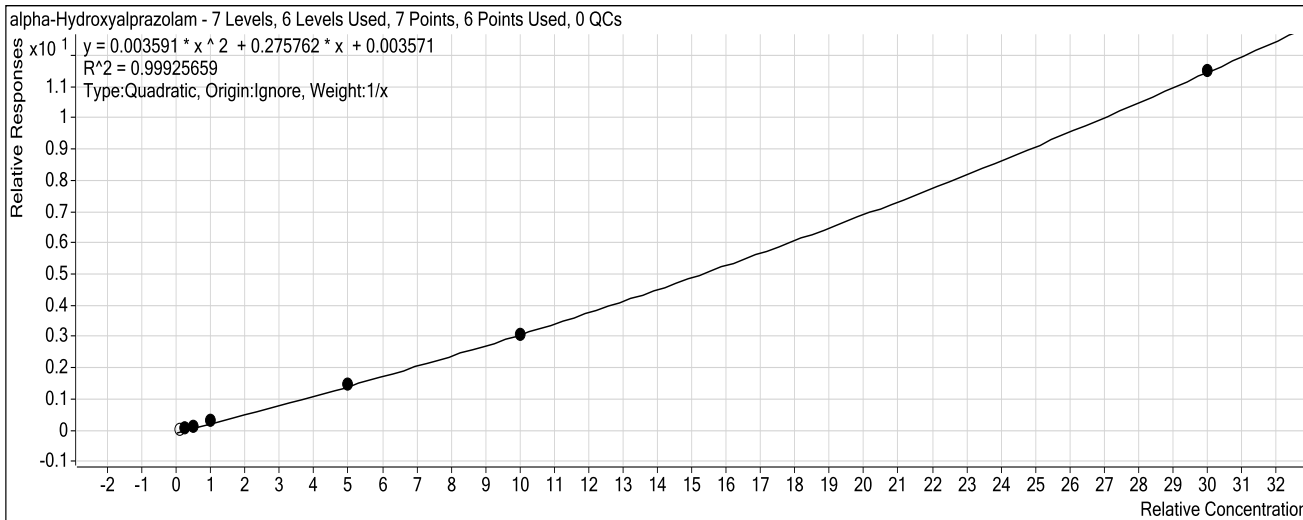
ISP TOX

Target Compound

alpha-Hydroxyalprazolam

Internal Standard

alphahydroxyalprazolam-D5 ISTD



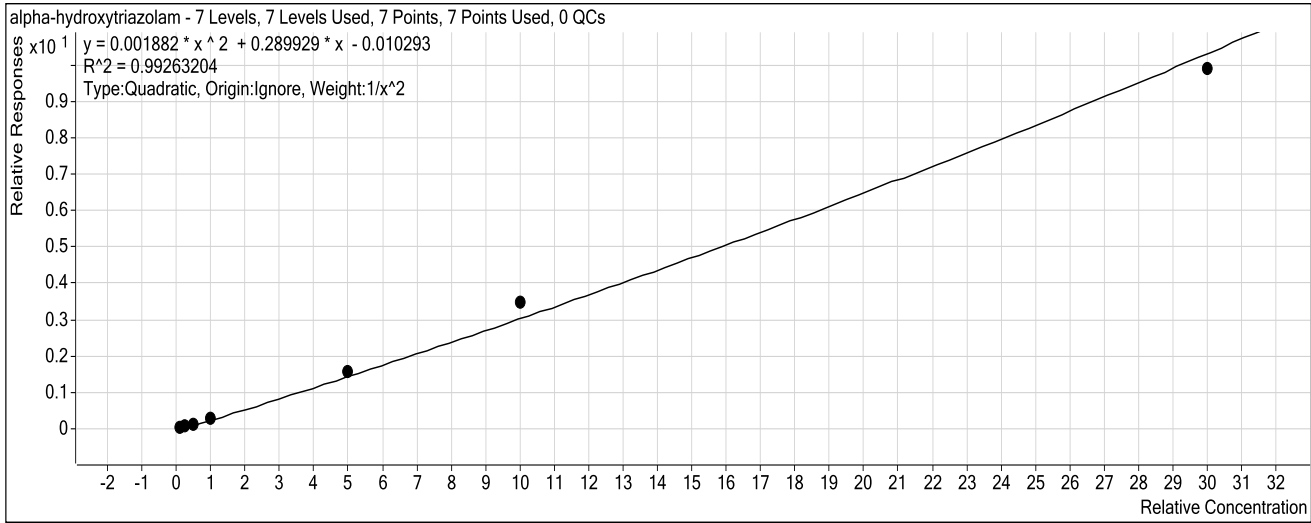
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input type="checkbox"/>	10	7.0	70.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	24.0	96.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	42.9	85.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	118.8	118.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	504.6	100.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	982.1	98.2
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	3003.4	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound *alpha-hydroxytriazolam*
Internal Standard *Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.4	104.4
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.1	92.5
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.5	95.0
100 ng/mL	4	<input checked="" type="checkbox"/>	100	94.1	94.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	526.4	105.3
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1120.3	112.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2887.8	96.3

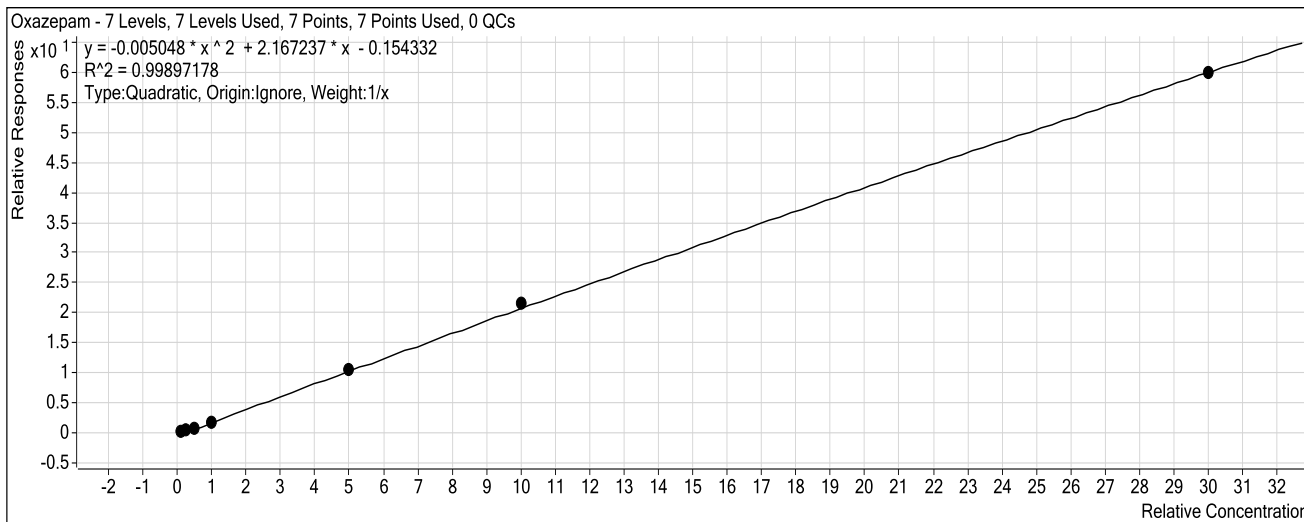
ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound Oxazepam
Internal Standard Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	12.7	127.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	23.9	95.4
50 ng/mL	3	<input checked="" type="checkbox"/>	50	43.6	87.2
100 ng/mL	4	<input checked="" type="checkbox"/>	100	88.2	88.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	494.3	98.9
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1032.7	103.3
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2989.6	99.7

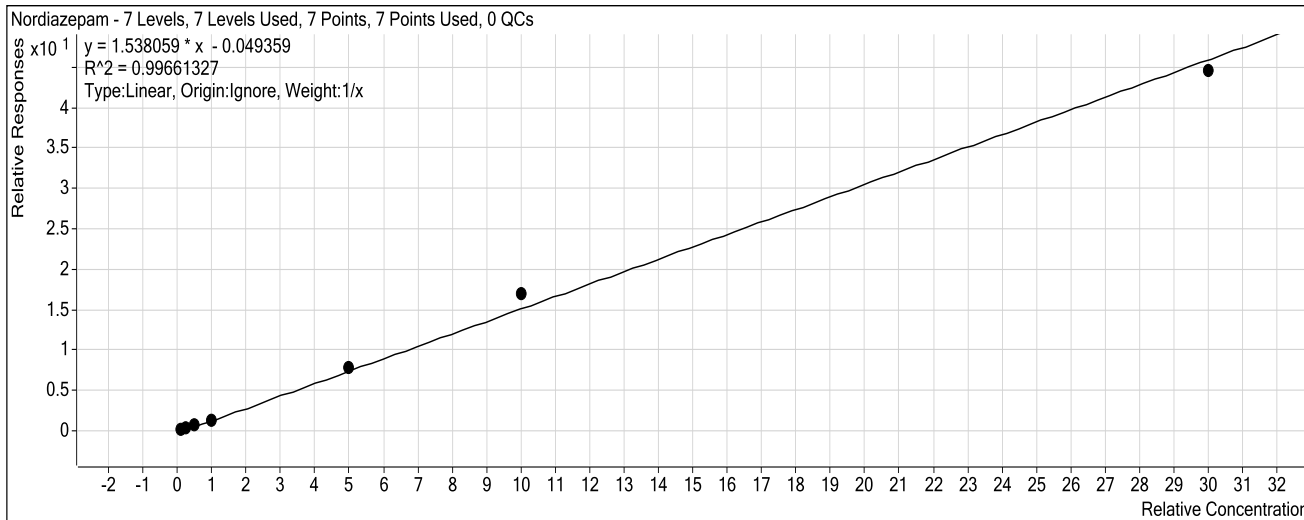
ISP Forensics Calibration Curve Report

CJ

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	1	<input checked="" type="checkbox"/>	10	11.9	118.7
25 ngmL	2	<input checked="" type="checkbox"/>	25	22.4	89.8
50ngmL	3	<input checked="" type="checkbox"/>	50	45.6	91.1
100 ngmL	4	<input checked="" type="checkbox"/>	100	91.8	91.8
500ngmL	5	<input checked="" type="checkbox"/>	500	509.0	101.8
1000 ngmL	6	<input checked="" type="checkbox"/>	1000	1100.2	110.0
3000 ngmL	7	<input checked="" type="checkbox"/>	3000	2904.1	96.8

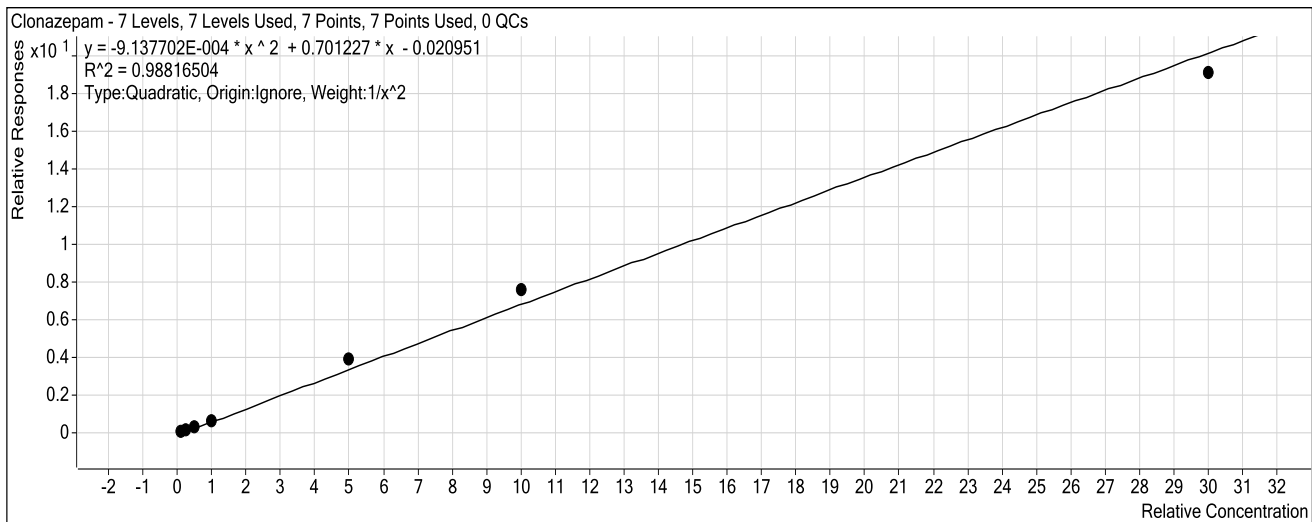
ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound Clonazepam
Internal Standard Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.6	105.6
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.5	89.9
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.2	94.3
100 ng/mL	4	<input checked="" type="checkbox"/>	100	92.1	92.1
500 ng/mL	5	<input checked="" type="checkbox"/>	500	565.9	113.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1104.9	110.5
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2833.1	94.4

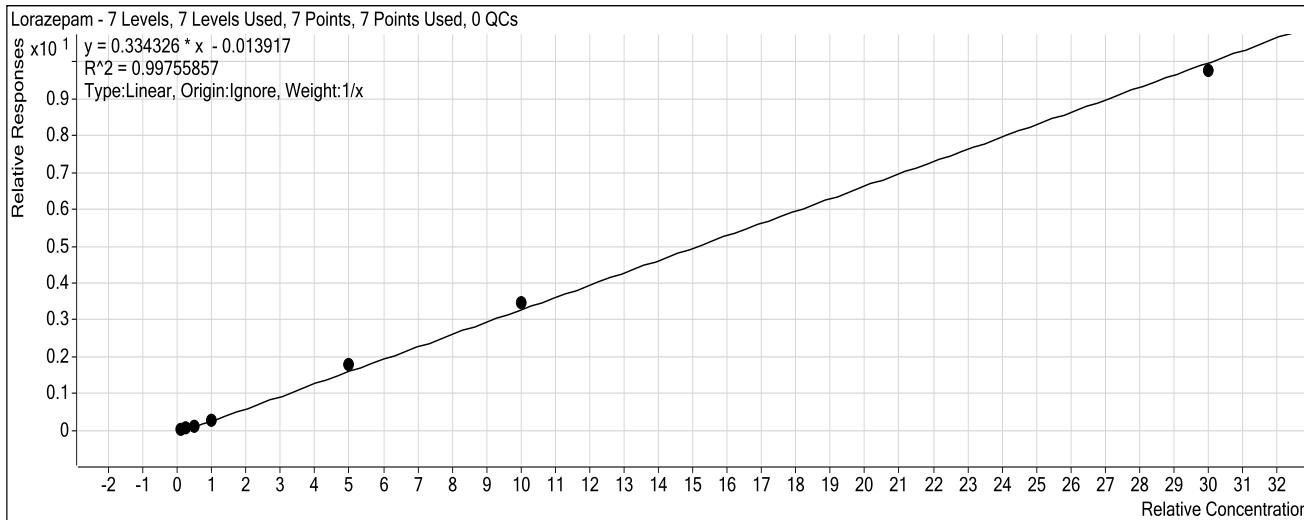
ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound *Lorazepam*
Internal Standard *Nordiazepam-D5 ISTD*



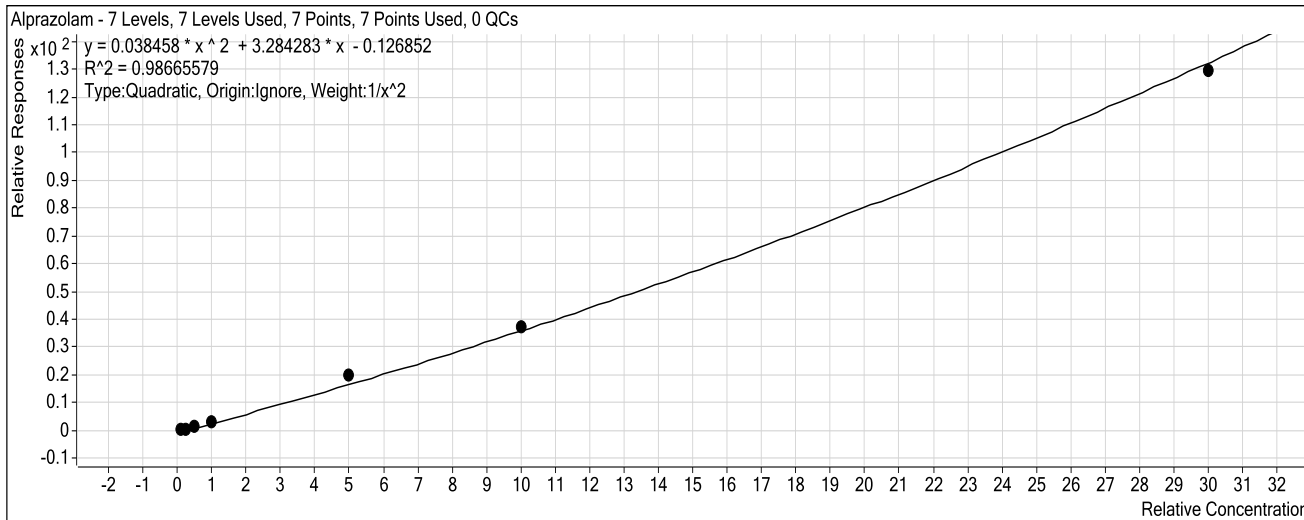
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	12.2	122.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.6	90.4
50 ng/mL	3	<input checked="" type="checkbox"/>	50	43.6	87.3
100 ng/mL	4	<input checked="" type="checkbox"/>	100	88.7	88.7
500 ng/mL	5	<input checked="" type="checkbox"/>	500	544.8	109.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1046.4	104.6
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2926.6	97.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard alphahydroxyalprazolam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.8	108.2
25 ng/mL	2	<input checked="" type="checkbox"/>	25	20.5	82.2
50 ng/mL	3	<input checked="" type="checkbox"/>	50	45.9	91.8
100 ng/mL	4	<input checked="" type="checkbox"/>	100	101.9	101.9
500 ng/mL	5	<input checked="" type="checkbox"/>	500	576.7	115.3
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1016.6	101.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2940.4	98.0

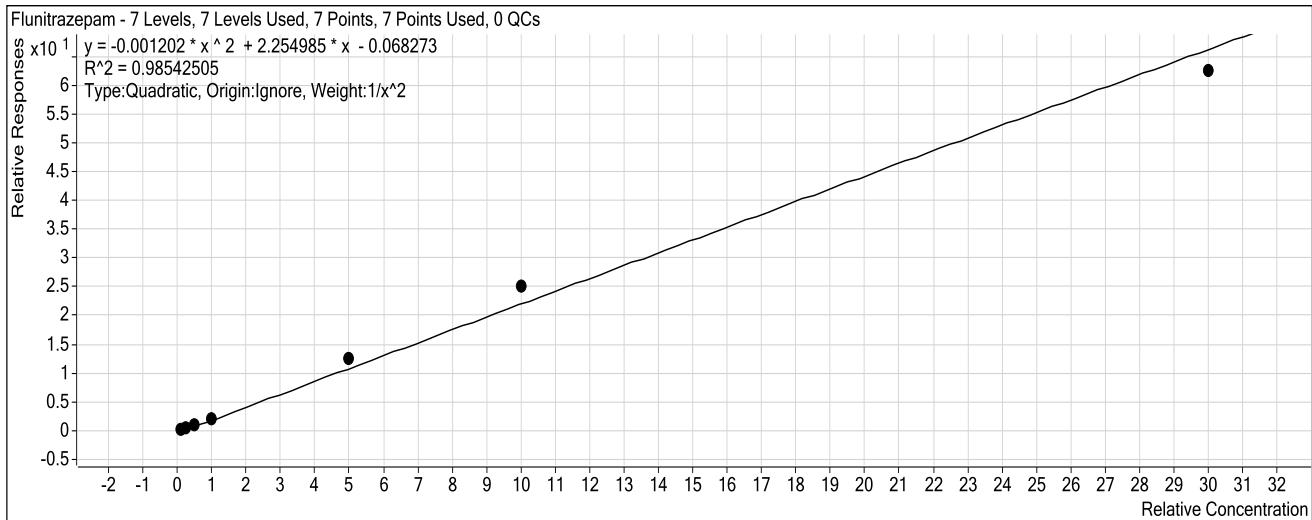
ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound Flunitrazepam
Internal Standard Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.7	107.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	21.6	86.3
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.0	93.9
100 ng/mL	4	<input checked="" type="checkbox"/>	100	93.5	93.5
500 ng/mL	5	<input checked="" type="checkbox"/>	500	566.1	113.2
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1119.9	112.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2822.5	94.1

ISP Forensics Calibration Curve Report

Batch Data Path

C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update

1/24/2019 11:57 AM

Analyst Name

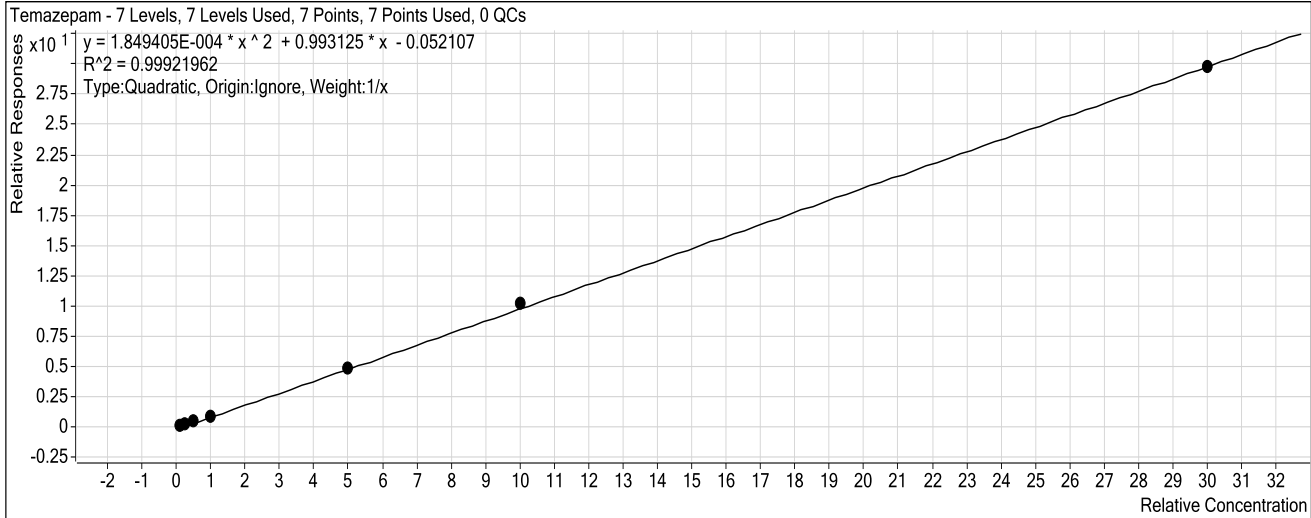
ISP TOX

Target Compound

Temazepam

Internal Standard

Temazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	12.5	125.5
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.6	90.4
50 ng/mL	3	<input checked="" type="checkbox"/>	50	47.3	94.7
100 ng/mL	4	<input checked="" type="checkbox"/>	100	88.2	88.2
500 ng/mL	5	<input checked="" type="checkbox"/>	500	492.5	98.5
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1030.1	103.0
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2991.7	99.7

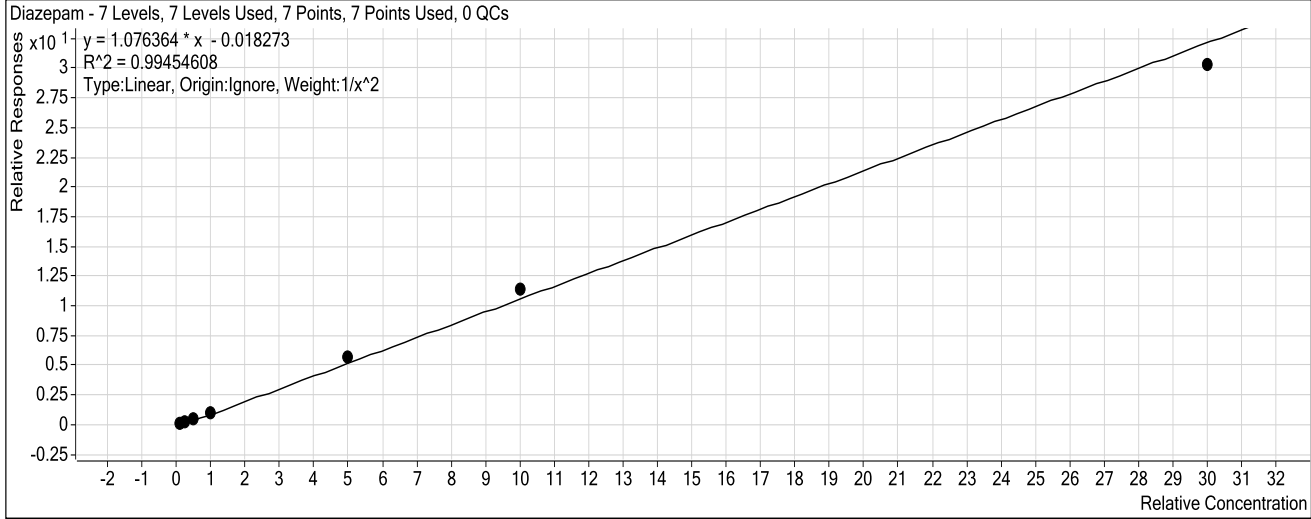
CS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13
worklist 2897 Urine 012319 CS.batch.bin

Last Calib Update 1/24/2019 11:57 AM **Analyst Name** ISP TOX

Target Compound *Diazepam*
Internal Standard *Diazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	1	<input checked="" type="checkbox"/>	10	10.4	104.0
25 ng/mL	2	<input checked="" type="checkbox"/>	25	22.5	90.0
50 ng/mL	3	<input checked="" type="checkbox"/>	50	49.8	99.6
100 ng/mL	4	<input checked="" type="checkbox"/>	100	98.8	98.8
500 ng/mL	5	<input checked="" type="checkbox"/>	500	534.8	107.0
1000 ng/mL	6	<input checked="" type="checkbox"/>	1000	1066.9	106.7
3000 ng/mL	7	<input checked="" type="checkbox"/>	3000	2819.5	94.0

ISP FORENSICS

Pocatello

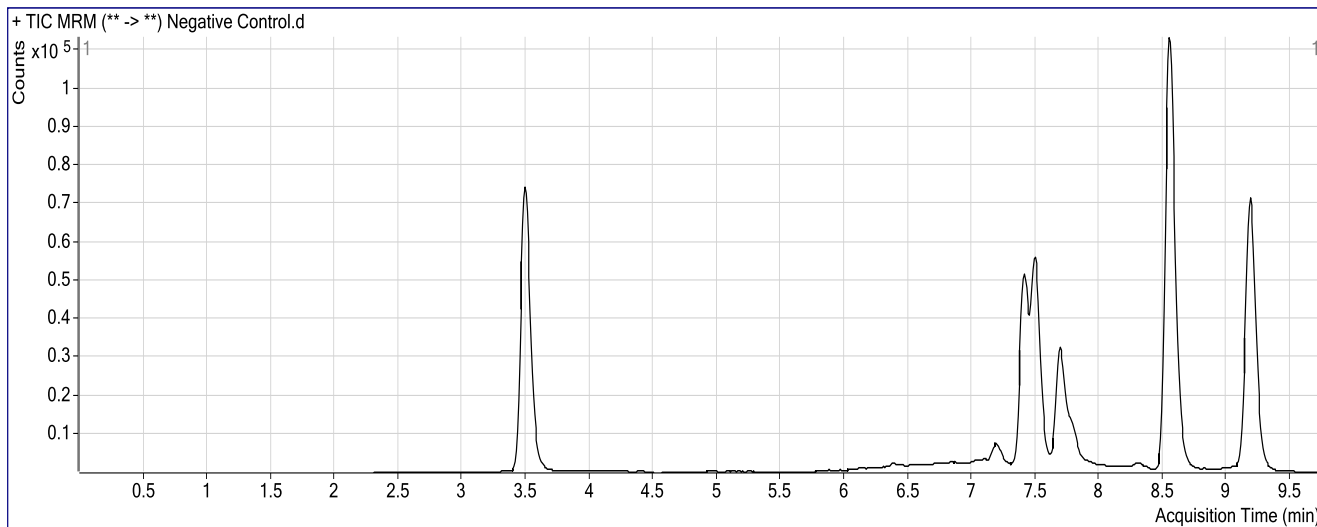
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 work
Analysis Time 1/24/2019 11:57 AM **Analyst Name** datastor
Report Time 1/24/2019 12:00 PM **Reporter Name** datastor
Last Calib Update 1/24/2019 11:57 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 19:55 **Data File** Negative Control.d
Sample Type Sample **Sample Name** Negative Control
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position P1-B1 **Sample Info** Negative Urine lot POC062718; Worklist 2897
Inj Vol -1 **Comment** AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



ISP FORENSICS

Pocatello

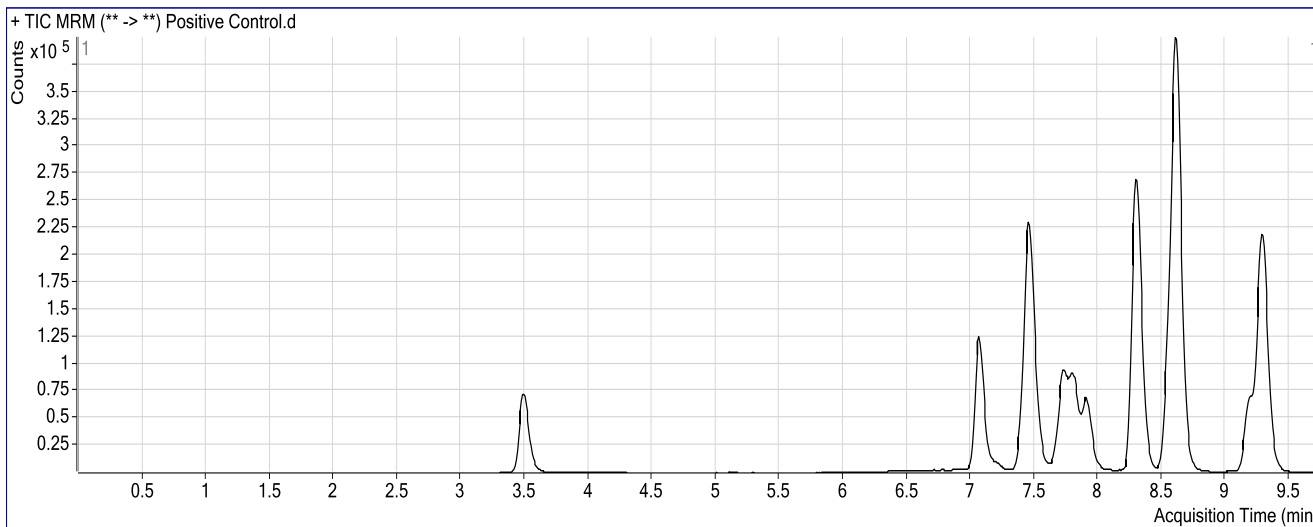
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri		
Analysis Time	1/24/2019 11:57 AM	Analyst Name	datastor
Report Time	1/24/2019 12:00 PM	Reporter Name	datastor
Last Calib Update	1/24/2019 11:57 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-23 19:40	Data File	Positive Control.d
Sample Type	Sample	Sample Name	Positive Control
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position	P1-B2	Sample Info	300 ng/mL Benzodiazepines Mix Cerilliant lot FE04221402 in neg LOT POI
Inj Vol	-1	Comment	AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	7.067	408189	111906	3.6476	339.6391
Oxazepam	Nordiazepam-D5 ISTD	7.454	569080	103696	5.4879	261.9418
Clonazepam	Clonazepam-D4 ISTD	7.730	267884	111906	2.3938	345.9248
Lorazepam	Nordiazepam-D5 ISTD	7.813	68992	103696	0.6653	203.1664
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.907	304108	27490	11.0626	328.0929
Flunitrazepam	Clonazepam-D4 ISTD	8.293	1017264	111906	9.0904	407.0338
Temazepam	Temazepam-D5 ISTD	8.613	1467919	445410	3.2957	336.8825
Diazepam	Diazepam-D5 ISTD	9.290	849310	221122	3.8409	358.5395

CS

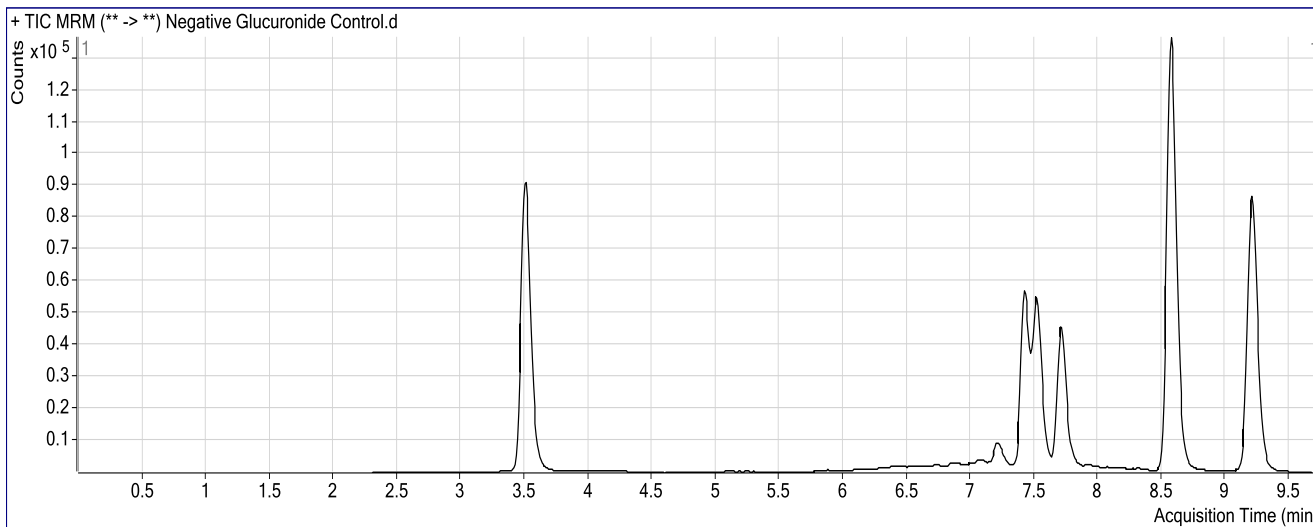
ISP FORENSICS Pocatello Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri
Analysis Time 1/24/2019 11:57 AM **Analyst Name** datastor
Report Time 1/24/2019 12:00 PM **Reporter Name** datastor
Last Calib Update 1/24/2019 11:57 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 19:24 **Data File** Negative Glucuronide Control.d
Sample Type Sample **Sample Name** Negative Glucuronide Control
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position P1-A9 **Sample Info** 300 ng/mL Alltech lot 715-5035 in neg lot POC062718; Worklist 2897
Inj Vol -1 **Comment** AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Nordiazepam-D5 ISTD	7.463	2060	112271	0.0184	7.9693

CS

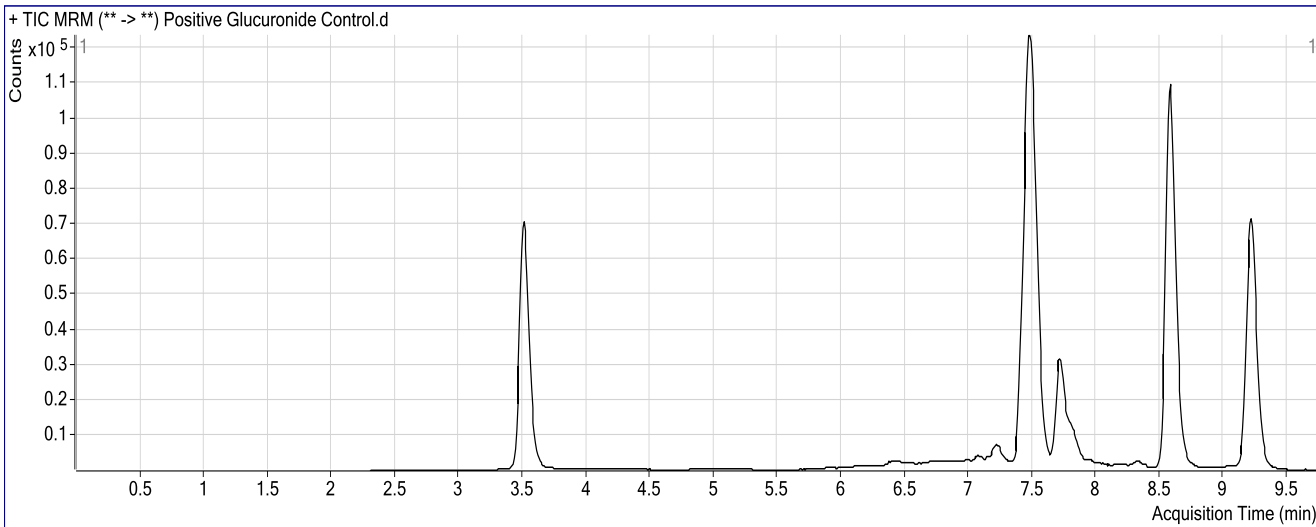
ISP FORENSICS Pocatello Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri
Analysis Time 1/24/2019 11:57 AM **Analyst Name** datastor
Report Time 1/24/2019 12:00 PM **Reporter Name** datastor
Last Calib Update 1/24/2019 11:57 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 19:09 **Data File** Positive Glucuronide Control.d
Sample Type Sample **Sample Name** Positive Glucuronide Control
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position P1-B3 **Sample Info** 300 ng/mL Alltech lot 715-5035 in neg lot POC062718; Worklist 2897
Inj Vol -1 **Comment** AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Nordiazepam-D5 ISTD	7.471	239320	104468	2.2908	113.1224

ISP FORENSICS

Pocatello

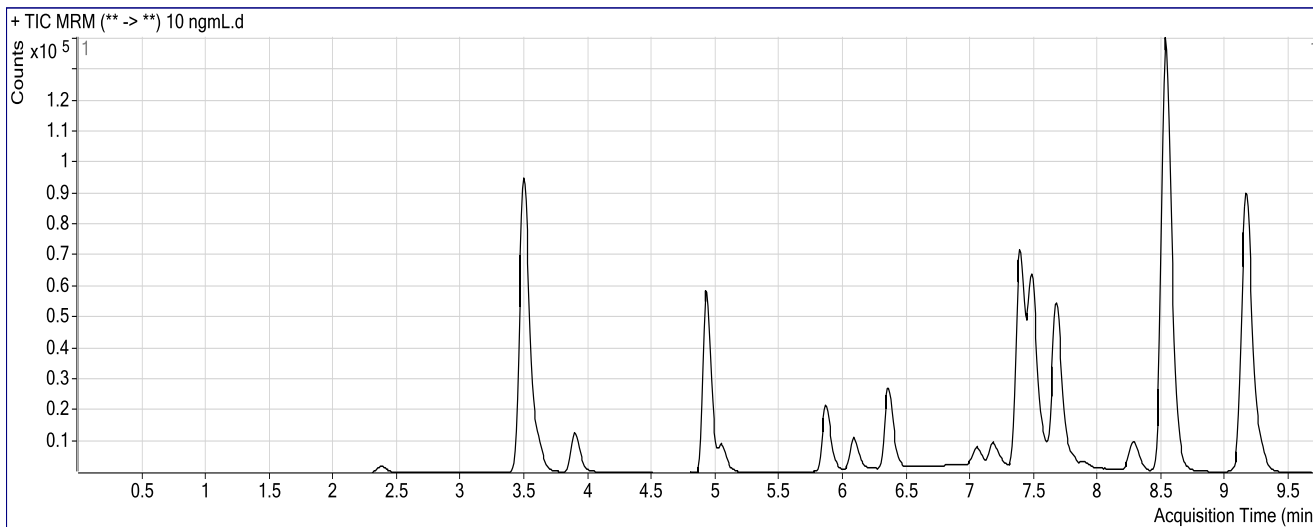
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri		
Analysis Time	1/24/2019 11:57 AM	Analyst Name	datastor
Report Time	1/24/2019 11:59 AM	Reporter Name	datastor
Last Calib Update	1/24/2019 11:57 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-23 17:04	Data File	10 ngmL.d
Sample Type	Calibration	Sample Name	10 ngmL
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position	P1-A2	Sample Info	Worklist 2897
Inj Vol	-1	Comment	AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.383	9459	429054	0.0220	11.6230
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.605	31980	429054	0.0745	9.9665
zopiclone	Nordiazepam-D5 ISTD	3.891	32871	127238	0.2583	12.0882
zolpidem	Nordiazepam-D5 ISTD	4.924	204091	127238	1.6040	10.4323
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.051	25515	127238	0.2005	10.5408
quetiapine	Temazepam-D5 ISTD	5.866	62838	585989	0.1072	11.2648
Midazolam	Clonazepam-D4 ISTD	6.087	38878	206899	0.1879	10.4326
Flurazepam	Diazepam-D5 ISTD	6.351	104584	298363	0.3505	10.3693
Nitrazepam	Clonazepam-D4 ISTD	7.050	18445	206899	0.0892	10.7599
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.213	866	37621	0.0230	7.0486
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.262	2544	127238	0.0200	10.4383
Oxazepam	Nordiazepam-D5 ISTD	7.437	15499	127238	0.1218	12.7456
Nordiazepam	Nordiazepam-D5 ISTD	7.574	16950	127238	0.1332	11.8706
Clonazepam	Clonazepam-D4 ISTD	7.713	10986	206899	0.0531	10.5611
Lorazepam	Nordiazepam-D5 ISTD	7.788	3439	127238	0.0270	12.2459
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.882	8619	37621	0.2291	10.8247
Flunitrazepam	Clonazepam-D4 ISTD	8.277	35780	206899	0.1729	10.6973
Temazepam	Temazepam-D5 ISTD	8.588	42501	585989	0.0725	12.5496
Diazepam	Diazepam-D5 ISTD	9.265	27956	298363	0.0937	10.4027

ISP FORENSICS

Pocatello

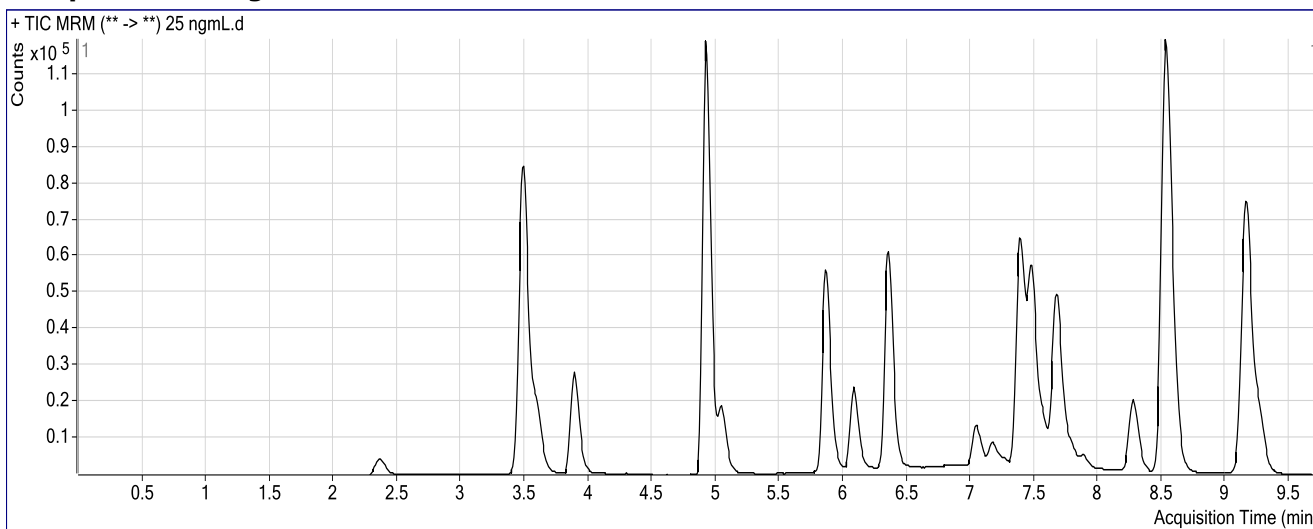
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri		
Analysis Time	1/24/2019 11:57 AM	Analyst Name	datastor
Report Time	1/24/2019 11:59 AM	Reporter Name	datastor
Last Calib Update	1/24/2019 11:57 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-23 17:19	Data File	25 ngmL.d
Sample Type	Calibration	Sample Name	25 ngmL
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position	P1-A3	Sample Info	Worklist 2897
Inj Vol	-1	Comment	AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.367	18604	378788	0.0491	22.5322
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.597	63216	378788	0.1669	22.4905
zopiclone	Nordiazepam-D5 ISTD	3.891	71431	103641	0.6892	22.9671
zolpidem	Nordiazepam-D5 ISTD	4.924	410605	103641	3.9618	22.6625
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.051	55223	103641	0.5328	22.6468
quetiapine	Temazepam-D5 ISTD	5.857	162472	491131	0.3308	22.8172
Midazolam	Clonazepam-D4 ISTD	6.087	84803	176675	0.4800	22.1663
Flurazepam	Diazepam-D5 ISTD	6.351	238647	247170	0.9655	22.7431
Nitrazepam	Clonazepam-D4 ISTD	7.050	35935	176675	0.2034	21.4001
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.230	2227	31836	0.0700	24.0015
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.262	5892	103641	0.0568	23.1230
Oxazepam	Nordiazepam-D5 ISTD	7.429	37549	103641	0.3623	23.8516
Nordiazepam	Nordiazepam-D5 ISTD	7.574	30664	103641	0.2959	22.4456
Clonazepam	Clonazepam-D4 ISTD	7.713	24143	176675	0.1367	22.4817
Lorazepam	Nordiazepam-D5 ISTD	7.779	6386	103641	0.0616	22.5942
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.882	17498	31836	0.5496	20.5478
Flunitrazepam	Clonazepam-D4 ISTD	8.269	73894	176675	0.4182	21.5779
Temazepam	Temazepam-D5 ISTD	8.579	84668	491131	0.1724	22.6046
Diazepam	Diazepam-D5 ISTD	9.265	55332	247170	0.2239	22.4956

CS

ISP FORENSICS

Pocatello

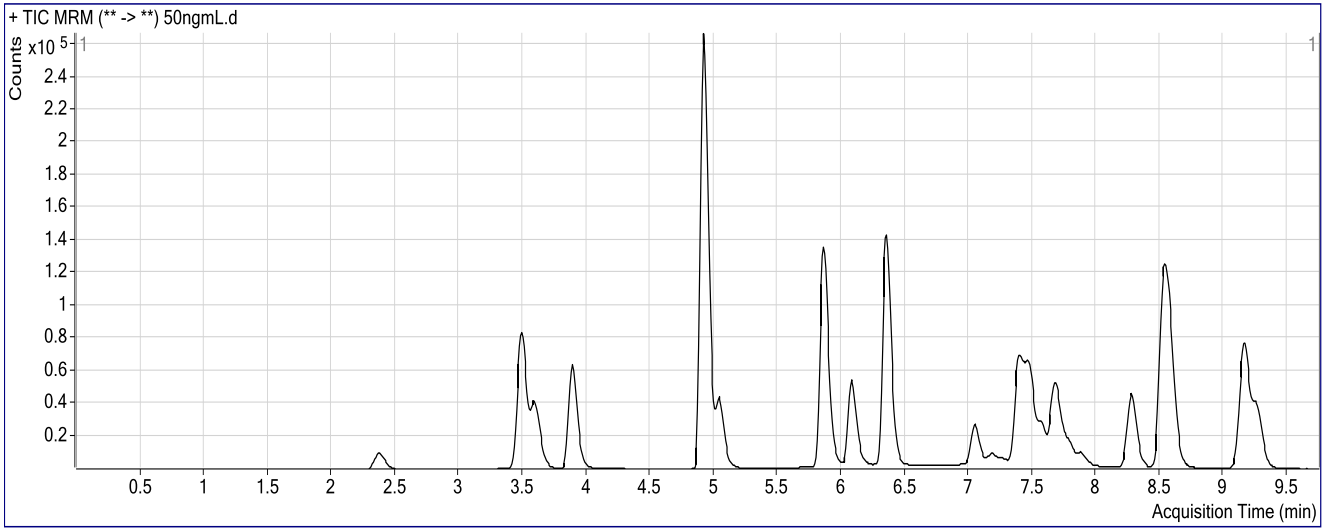
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri		
Analysis Time	1/24/2019 11:57 AM	Analyst Name	datastor
Report Time	1/24/2019 11:59 AM	Reporter Name	datastor
Last Calib Update	1/24/2019 11:57 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-23 17:35	Data File	50ngmL.d
Sample Type	Calibration	Sample Name	50ngmL
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position	P1-A4	Sample Info	Worklist 2897
Inj Vol	-1	Comment	AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.375	42637	374727	0.1138	48.6637
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.605	148423	374727	0.3961	53.7444
zopiclone	Nordiazepam-D5 ISTD	3.883	167760	105510	1.5900	45.7104
zolpidem	Nordiazepam-D5 ISTD	4.924	932627	105510	8.8392	47.9766
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.051	125397	105510	1.1885	46.4994
quetiapine	Temazepam-D5 ISTD	5.857	398540	487882	0.8169	48.0374
Midazolam	Clonazepam-D4 ISTD	6.078	202209	170932	1.1830	50.5054
Flurazepam	Diazepam-D5 ISTD	6.351	568964	250706	2.2694	49.0099
Nitrazepam	Clonazepam-D4 ISTD	7.050	80976	170932	0.4737	46.5549
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.213	3545	28912	0.1226	42.9269
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.271	13482	105510	0.1278	47.4759
Oxazepam	Nordiazepam-D5 ISTD	7.437	83309	105510	0.7896	43.5981
Nordiazepam	Nordiazepam-D5 ISTD	7.582	68713	105510	0.6512	45.5509
Clonazepam	Clonazepam-D4 ISTD	7.713	52907	170932	0.3095	47.1562
Lorazepam	Nordiazepam-D5 ISTD	7.779	13925	105510	0.1320	43.6388
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.873	40159	28912	1.3890	45.9081
Flunitrazepam	Clonazepam-D4 ISTD	8.277	169338	170932	0.9907	46.9721
Temazepam	Temazepam-D5 ISTD	8.588	203928	487882	0.4180	47.3305
Diazepam	Diazepam-D5 ISTD	9.265	129794	250706	0.5177	49.7961

CS

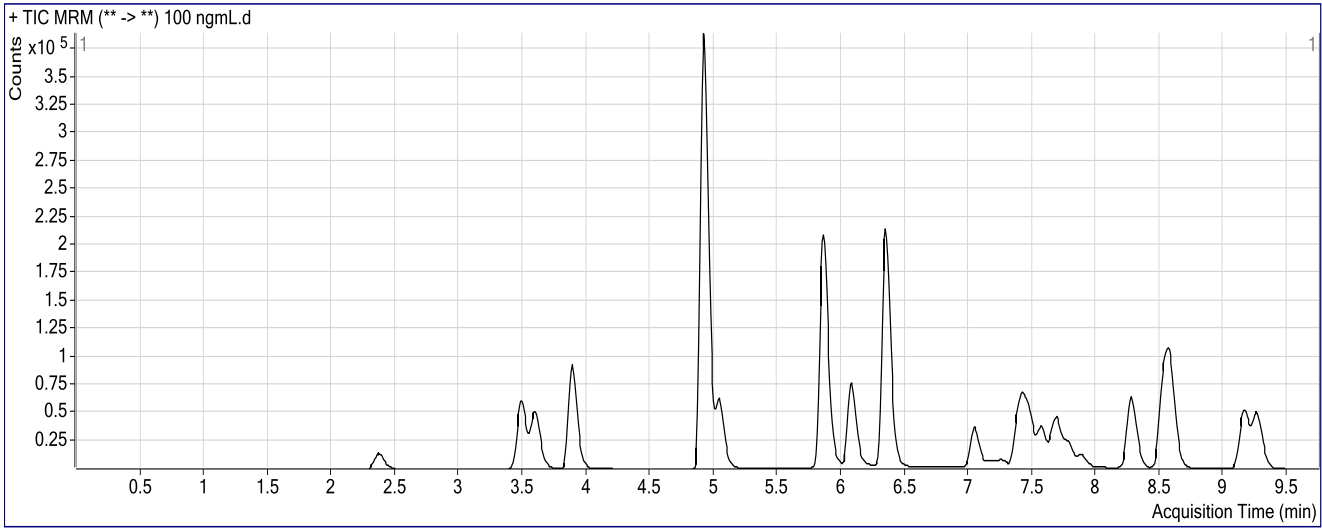
ISP FORENSICS Pocatello Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri
Analysis Time 1/24/2019 11:57 AM **Analyst Name** datastor
Report Time 1/24/2019 11:59 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 11:57 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 17:51 **Data File** 100 ngmL.d
Sample Type Calibration **Sample Name** 100 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position P1-A5 **Sample Info** Worklist 2897
Inj Vol -1 **Comment** AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.375	60820	270410	0.2249	93.8049
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.605	202278	270410	0.7480	102.2335
zopiclone	Nordiazepam-D5 ISTD	3.883	239901	71615	3.3499	90.1452
zolpidem	Nordiazepam-D5 ISTD	4.924	1362189	71615	19.0211	100.8851
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.051	180667	71615	2.5228	94.9051
quetiapine	Temazepam-D5 ISTD	5.857	610895	343695	1.7774	98.3085
Midazolam	Clonazepam-D4 ISTD	6.078	286547	121363	2.3611	98.3140
Flurazepam	Diazepam-D5 ISTD	6.343	844466	172568	4.8935	102.0012
Nitrazepam	Clonazepam-D4 ISTD	7.041	115952	121363	0.9554	91.3012
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.213	5421	16121	0.3363	118.8089
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.262	18930	71615	0.2643	94.1442
Oxazepam	Nordiazepam-D5 ISTD	7.429	125528	71615	1.7528	88.1807
Nordiazepam	Nordiazepam-D5 ISTD	7.582	97557	71615	1.3622	91.7783
Clonazepam	Clonazepam-D4 ISTD	7.704	75715	121363	0.6239	92.0667
Lorazepam	Nordiazepam-D5 ISTD	7.779	20250	71615	0.2828	88.7382
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.890	52552	16121	3.2599	101.9044
Flunitrazepam	Clonazepam-D4 ISTD	8.277	247447	121363	2.0389	93.4914
Temazepam	Temazepam-D5 ISTD	8.579	283164	343695	0.8239	88.1908
Diazepam	Diazepam-D5 ISTD	9.265	180286	172568	1.0447	98.7582

CS

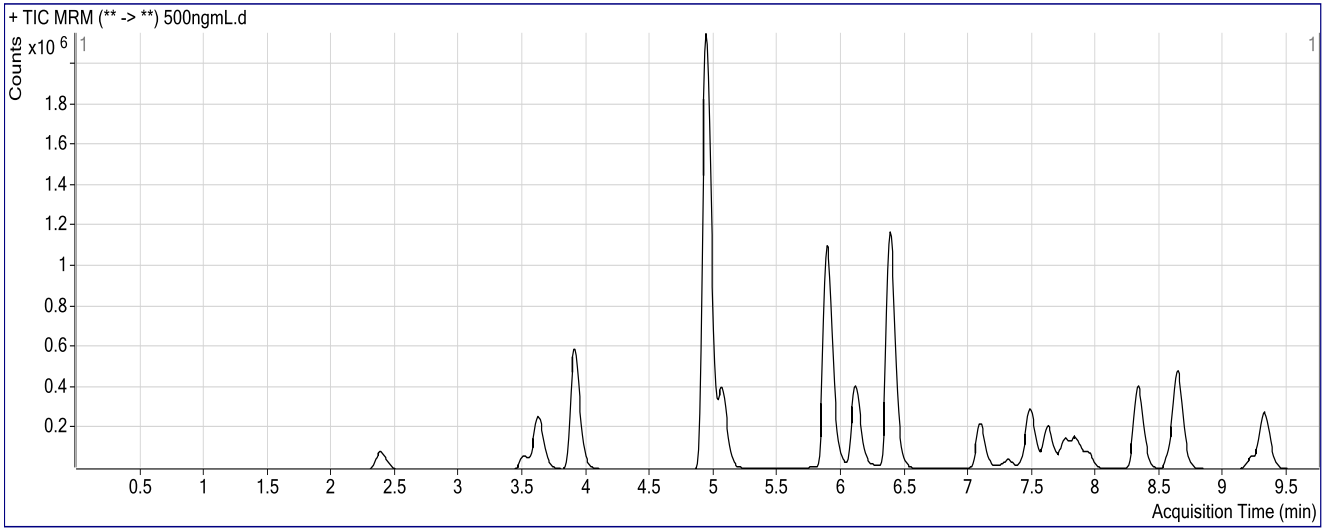
ISP FORENSICS Pocatello Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri
Analysis Time 1/24/2019 11:57 AM **Analyst Name** datastor
Report Time 1/24/2019 11:59 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 11:57 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 18:06 **Data File** 500ngmL.d
Sample Type Calibration **Sample Name** 500ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position P1-A6 **Sample Info** Worklist 2897
Inj Vol -1 **Comment** AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.392	381673	309914	1.2315	517.0343
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.630	1107582	309914	3.5738	516.2335
zopiclone	Nordiazepam-D5 ISTD	3.908	1605191	81128	19.7860	505.1338
zolpidem	Nordiazepam-D5 ISTD	4.940	7993203	81128	98.5264	517.0197
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.068	1214995	81128	14.9764	538.3200
quetiapine	Temazepam-D5 ISTD	5.882	3567746	384011	9.2907	513.6985
Midazolam	Clonazepam-D4 ISTD	6.111	1582866	123619	12.8044	541.1137
Flurazepam	Diazepam-D5 ISTD	6.377	4983856	195178	25.5349	525.1199
Nitrazepam	Clonazepam-D4 ISTD	7.092	766768	123619	6.2027	572.6423
alpha-Hydroxyalprazolam	alphanhydroxyalprazolam-D5 ISTD	7.255	29833	20071	1.4864	504.5747
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.313	127220	81128	1.5681	526.4313
Oxazepam	Nordiazepam-D5 ISTD	7.480	846483	81128	10.4340	494.2520
Nordiazepam	Nordiazepam-D5 ISTD	7.624	631143	81128	7.7796	509.0181
Clonazepam	Clonazepam-D4 ISTD	7.763	484334	123619	3.9179	565.8881
Lorazepam	Nordiazepam-D5 ISTD	7.838	146626	81128	1.8074	544.7573
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.941	403287	20071	20.0934	576.7192
Flunitrazepam	Clonazepam-D4 ISTD	8.326	1564867	123619	12.6588	566.1037
Temazepam	Temazepam-D5 ISTD	8.638	1859936	384011	4.8434	492.4927
Diazepam	Diazepam-D5 ISTD	9.315	1120023	195178	5.7385	534.8309

ISP FORENSICS

Pocatello

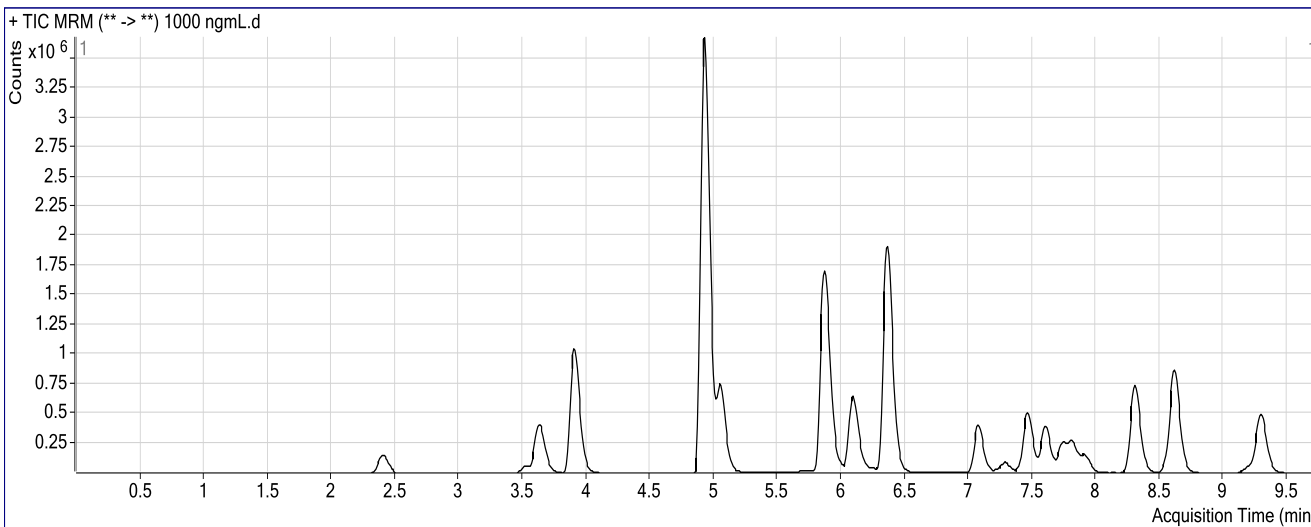
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri		
Analysis Time	1/24/2019 11:57 AM	Analyst Name	datastor
Report Time	1/24/2019 12:00 PM	Reporter Name	datastor
Last Calib Update	1/24/2019 11:57 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-23 18:22	Data File	1000 ngmL.d
Sample Type	Calibration	Sample Name	1000 ngmL
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position	P1-A7	Sample Info	Worklist 2897
Inj Vol	-1	Comment	AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.409	649994	284703	2.2831	991.0303
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.638	1794318	284703	6.3024	969.9962
zopiclone	Nordiazepam-D5 ISTD	3.900	2919575	69555	41.9752	1065.3779
zolpidem	Nordiazepam-D5 ISTD	4.932	14245850	69555	204.8147	1081.9107
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.060	2237138	69555	32.1637	1127.3259
quetiapine	Temazepam-D5 ISTD	5.866	5780872	340859	16.9597	988.9622
Midazolam	Clonazepam-D4 ISTD	6.095	2581605	111222	23.2113	1023.1037
Flurazepam	Diazepam-D5 ISTD	6.360	8596168	175583	48.9578	1019.6233
Nitrazepam	Clonazepam-D4 ISTD	7.075	1389919	111222	12.4968	1136.0157
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.246	63281	20691	3.0583	982.1455
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.288	241630	69555	3.4740	1120.2872
Oxazepam	Nordiazepam-D5 ISTD	7.463	1508467	69555	21.6875	1032.6531
Nordiazepam	Nordiazepam-D5 ISTD	7.607	1173600	69555	16.8730	1100.2429
Clonazepam	Clonazepam-D4 ISTD	7.738	846964	111222	7.6151	1104.8614
Lorazepam	Nordiazepam-D5 ISTD	7.813	242373	69555	3.4846	1046.4478
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.916	770477	20691	37.2367	1016.6232
Flunitrazepam	Clonazepam-D4 ISTD	8.302	2784427	111222	25.0349	1119.9153
Temazepam	Temazepam-D5 ISTD	8.613	3475999	340859	10.1978	1030.1069
Diazepam	Diazepam-D5 ISTD	9.290	2013151	175583	11.4655	1066.9056

ISP FORENSICS

Pocatello

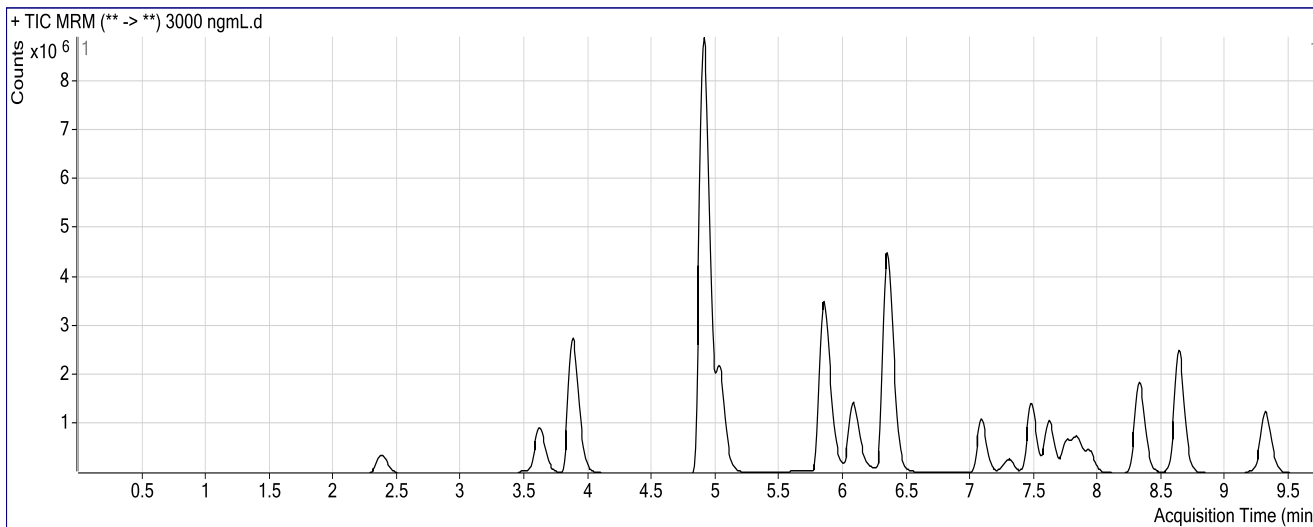
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2019\AM 13\AM 13 Worklist 2897 Urine 012319 CS\QuantResults\am13 worklist 2897 Uri		
Analysis Time	1/24/2019 11:57 AM	Analyst Name	datastor
Report Time	1/24/2019 12:00 PM	Reporter Name	datastor
Last Calib Update	1/24/2019 11:57 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-23 18:37	Data File	3000 ngmL.d
Sample Type	Calibration	Sample Name	3000 ngmL
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_2017-1.m
Position	P1-A8	Sample Info	Worklist 2897
Inj Vol	-1	Comment	AM 13 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-Aminoclonazepam	7-Aminoflunitrazepam-D7 ISTD	2.375	1715668	293258	5.8504	3000.3016
7-Aminoflunitrazepam	7-Aminoflunitrazepam-D7 ISTD	3.622	4054657	293258	13.8263	3021.1074
zopiclone	Nordiazepam-D5 ISTD	3.874	8565926	73613	116.3635	2943.5775
zolpidem	Nordiazepam-D5 ISTD	4.907	39287601	73613	533.7011	2897.7490
Chlordiazepoxide	Nordiazepam-D5 ISTD	5.034	6412639	73613	87.1123	2863.7090
quetiapine	Temazepam-D5 ISTD	5.849	13301100	345707	38.4751	3002.8885
Midazolam	Clonazepam-D4 ISTD	6.078	6315123	116734	54.0982	2892.2446
Flurazepam	Diazepam-D5 ISTD	6.343	23053245	173188	133.1111	2948.6955
Nitrazepam	Clonazepam-D4 ISTD	7.083	3773142	116734	32.3224	2822.4614
alpha-Hydroxyalprazolam	alphahydroxyalprazolam-D5 ISTD	7.255	235414	20427	11.5249	3003.4283
alpha-hydroxytriazolam	Nordiazepam-D5 ISTD	7.305	731109	73613	9.9317	2887.7722
Oxazepam	Nordiazepam-D5 ISTD	7.471	4426111	73613	60.1264	2989.6175
Nordiazepam	Nordiazepam-D5 ISTD	7.616	3284437	73613	44.6173	2904.0936
Clonazepam	Clonazepam-D4 ISTD	7.755	2231009	116734	19.1118	2833.0623
Lorazepam	Nordiazepam-D5 ISTD	7.830	719234	73613	9.7704	2926.5778
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.932	2649206	20427	129.6937	2940.3735
Flunitrazepam	Clonazepam-D4 ISTD	8.318	7309911	116734	62.6200	2822.4530
Temazepam	Temazepam-D5 ISTD	8.630	10310690	345707	29.8250	2991.7221
Diazepam	Diazepam-D5 ISTD	9.307	5252796	173188	30.3300	2819.5180