

Newborn Screening Quality Assurance Program Biochemical Proficiency Testing Program 2026 Quarter 1 Report Provided by the Newborn Screening and Molecular Biology Branch

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REPORT AUTHORIZATION

Dr. Stanimila Nikolova, Laboratory Chief of the Proficiency Testing and Reference Materials team, reviewed and authorized this report.

CONFIDENTIALITY STATEMENT

NSQAP participant information and evaluations are strictly confidential and only available by accessing the NSQAP Participant Portal.

Event Summary

This report summarizes proficiency testing (PT) data received during the 2026 Quarter 1 Newborn Screening Quality Assurance Program's (NSQAP) PT event. Data were collected in the NSQAP participant portal. <https://nbs.dynamics365portals.us/>

On January 28, 2026, NSQAP distributed panels of five unknown dried blood spot (DBS) specimens to all active participants.

The hormone panel contained predetermined concentrations of thyroxine (T4), thyroid-stimulating hormone (TSH), 17 α -hydroxyprogesterone (17OHP), and total galactose (TGal).

The amino acid panel contained arginine (Arg), citrulline (Cit), creatine (Cre), guanidinoacetic acid (GUAC), guanidinoacetate methyltransferase ratio (GAMTr), leucine (Leu), methionine (Met), phenylalanine (Phe), succinylacetone (SUAC), tyrosine (Tyr), and valine (Val).

The acylcarnitine panel contained low free carnitine (C0(L)), low acylcarnitine (C2(L)), propionylcarnitine (C3), malonylcarnitine [derivatized] (C3DC), butyrylcarnitine (C4), hydroxybutyrylcarnitine [derivatized] (C4OH), malonylcarnitine + hydroxybutyrylcarnitine [non-derivatized] (C3DC+C4OH), isovalerylcarnitine (C5), tiglylcarnitine (C5:1), glutarylcarnitine (C5DC), hydroxyisovalerylcarnitine (C5OH), hexanoylcarnitine (C6), octanoylcarnitine (C8), decanoylcarnitine (C10), decenoylcarnitine (C10:1), decadienoylcarnitine (C10:2), myristoylcarnitine (C14), tetradecenoylcarnitine (C14:1), palmitoylcarnitine (C16), hydroxypalmitoylcarnitine (C16OH), stearoylcarnitine (C18), oleoylcarnitine (C18:1), and hydroxystearoylcarnitine (C18OH).

The panel for 2nd tier mass spectrometry methods contained alloisoleucine (ALE), isoleucine (Ile), leucine (Leu), valine (Val), ethylmalonic acid (EMA), 2-methylcitric acid (2-MCA), methylmalonic acid (MMA), C24:0-lysophosphatidylcholine (LPC 24:0), C26:0-lysophosphatidylcholine (LPC 26:0), guanidinoacetic acid (GUAC), creatine (CRE), malonylcarnitine (C3DC), and total homocysteine (tHCY).

Separate panels for biotinidase deficiency (BIOT), galactose-1-phosphate uridylyltransferase (GALT) deficiency, glucose-6-phosphate dehydrogenase (G6PD) deficiency, Duchenne Muscular Dystrophy (creatine kinase-MM (CK-MM)), immunoreactive trypsinogen (IRT), and psychosine (PSY) were sent to participating laboratories.

We processed 53,997 results from 485 laboratories for this report.

Specimen Consensus

A consensus of 80% of US laboratories, as long as 10 or more US laboratories report results, must be reached for a specimen to be evaluated. If fewer than 10 US laboratories report results for any one specimen, all submitted results are evaluated. NSQAP occasionally challenges cutoff levels by enriching samples near those levels. The NSQAP PT Committee closely reviews all specimen data. Specimens that are not evaluated are considered educational.

Some specimens included in the 2TMPT and DMDPT panels did not meet the 80% consensus criterium. Because fewer than 10 US laboratories reported data for those specimens, they were all evaluated. All other specimens included in the 2026 Q1 Biochemical PT event met the 80% consensus criterium.

Evaluations

NSQAP evaluated each reported result as “Acceptable” or “Unacceptable.” For each analyte and specimen, the participating laboratory’s assessment must match the CDC certified assessment to achieve an “Acceptable” evaluation. When assessments differ, the evaluation will be “Unacceptable.” NSQAP does not identify “Unacceptable” results as “false negative” or “false positive.” It is the responsibility of the laboratory to categorize “Unacceptable” results according to their protocols and policies.

Proficiency Testing Materials Preparation

NSQAP produces PT specimens from adult donor blood products and purchased umbilical cord blood, adjusted to 50% hematocrit before applying to filter paper. NSQAP tests PT specimens for homogeneity, accuracy, stability, and suitability for newborn screening assays.

- **Amino acid, acylcarnitine, psychosine, and CK-MM specimens** were enriched with commercially available standards. Small variances in enrichments and recoveries might result from impurities in the purchased materials.
- **C0- and C2-deficient PT specimens** were produced by washing fresh RBCs at least six times, then combining with charcoal-stripped plasma.
- **Congenital hypothyroid PT specimens** were enriched with measured amounts of T4 and TSH after reconstituting washed RBCs with purchased T4-depleted charcoal-stripped plasma.
- **TGal specimens** were enriched with galactose and galactose-1-phosphate, allowing measurement of free galactose (galactose alone) and total galactose (free galactose plus galactose-1-phosphate).
- **BIOT-deficient PT specimens** were made using heat-treated, charcoal-stripped plasma combined with compatible donor RBCs.
- **GALT and G6PD deficient PT specimens** were made by combining a 50/50 saline/serum solution with compatible washed RBCs, followed by heat-treatment.
- **IRT specimens** were made from washed, hematocrit-adjusted blood treated with a protease inhibitor then enriched with commercially purchased IRT.

Proficiency Testing Data Handling

Tables in this report include Specimen Certifications, Frequency Distribution of Participants' Clinical Assessments, Overall Statistics, and Mean Reported Concentrations by Method. Some outliers have been omitted from these statistics. Confidential individual laboratory data certification and evaluations are in the Reports section of the NSQAP Participant Portal.

<https://nbs.dynamics365portals.us/>

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1. Specimen Certifications

WNL = Within Normal Limits, ONL = Outside Normal Limits, NE = Not Evaluated.

1.1. 2TMPT (µmol/L blood)

Analyte	20261A21001	20261A21002	20261A21003	20261A21004	20261A21005
ALE	35.6 ONL	0.6 WNL	0.6 WNL	0.6 WNL	0.6 WNL
C24-LPC	0.0 WNL	0.0 WNL	0.0 WNL	0.0 WNL	0.0 WNL
C26-LPC	0.0 WNL	0.0 WNL	0.0 WNL	0.0 WNL	0.0 WNL
CRE	491.7 WNL	491.7 WNL	491.7 WNL	491.7 WNL	291.7 WNL
EMA	0.01 WNL	0.01 WNL	0.01 WNL	0.01 WNL	0.01 WNL
GUAC	0.8 WNL	0.8 WNL	0.8 WNL	0.8 WNL	10.8 ONL
ILE	247 ONL	27.0 WNL	27.0 WNL	27.0 WNL	27.0 WNL
LEU	327.6 ONL	57.6 WNL	57.6 WNL	57.6 WNL	57.6 WNL
MCA	0.1 WNL	0.1 WNL	0.1 WNL	10.1 ONL	0.1 WNL
MMA	0.3 WNL	0.3 WNL	0.3 WNL	10.3 ONL	0.3 WNL
T-HCY	2.1 WNL	52.1 ONL	2.1 WNL	2.1 WNL	2.1 WNL
VAL	437.2 WNL	87.2 WNL	87.2 WNL	87.2 WNL	87.2 WNL
C3DC	0.03 WNL	0.03 WNL	0.03 WNL	0.03 WNL	0.03 WNL

1.2. 2TMPT (GUACx1000/CRE)

Analyte	20261A21001	20261A21002	20261A21003	20261A21004	20261A21005
GAMTR	1.6 WNL	1.6 WNL	1.6 WNL	1.6 WNL	37.0 ONL

1.3. AAPT (µmol/L blood)

Analyte	20261005001	20261005002	20261005003	20261005004	20261005005
ARG	10.6 WNL	210.9 ONL	6.6 WNL	12.1 WNL	11.5 WNL
CIT	215.7 ONL	14.3 WNL	13.6 WNL	14.4 WNL	13.5 WNL
CRE	411.8 WNL	413.7 WNL	414.4 WNL	452.3 WNL	439.9 WNL
GAMTR	3.6 WNL	3.5 WNL	2.9 WNL	3.4 WNL	3.5 WNL
GUAC	1.5 WNL	1.5 WNL	1.2 WNL	1.5 WNL	1.5 WNL
LEU	76.0 WNL	75.9 WNL	722.4 ONL	78.7 WNL	71.9 WNL
MET	7.3 WNL	7.1 WNL	7.1 WNL	7.6 WNL	217.2 ONL
PHE	27.2 WNL	27.2 WNL	27 WNL	286.7 ONL	25.5 WNL
SUAC	0.3 WNL	0.3 WNL	0.3 WNL	0.3 WNL	0.3 WNL

Analyte	20261005001	20261005002	20261005003	20261005004	20261005005
TYR	29.0 WNL	28.7 WNL	24.1 WNL	29.4 WNL	27.7 WNL
VAL	64.5 WNL	64.5 WNL	705.7 ONL	64.9 WNL	62.0 WNL

1.4. ACPT ($\mu\text{mol/L}$ blood)

Analyte	20261006001	20261006002	20261006003	20261006004	20261006005
C0(L)	30.99 WNL	30.17 WNL	30.16 WNL	29.93 WNL	4.95 ONL
C2(L)	23.08 WNL	24.42 WNL	24.49 WNL	24.48 WNL	1.83 ONL
C3	12.32 ONL	0.38 WNL	0.36 WNL	0.36 WNL	0.40 WNL
C3DC	0.03 WNL	0.03 WNL	0.03 WNL	15.03 ONL	0.03 WNL
C3DC+C4OH	0.03 WNL	0.04 WNL	0.04 WNL	15.05 ONL	0.03 WNL
C4	0.03 WNL	0.06 WNL	0.06 WNL	0.05 WNL	0.03 WNL
C4OH	0.04 WNL	0.05 WNL	0.05 WNL	0.05 WNL	0.03 WNL
C5	0.03 WNL	0.04 WNL	0.04 WNL	0.04 WNL	0.02 WNL
C5:1	0.01 WNL	0.01 WNL	0.01 WNL	0.01 WNL	0.01 WNL
C5DC	0.03 WNL	0.02 WNL	0.02 WNL	0.03 WNL	0.02 WNL
C5OH	0.22 WNL	0.29 WNL	0.29 WNL	0.28 WNL	0.14 WNL
C6	0.02 WNL	0.02 WNL	1.52 ONL	0.02 WNL	0.02 WNL
C8	0.03 WNL	0.02 WNL	2.02 ONL	0.02 WNL	0.01 WNL
C10	0.04 WNL	0.04 WNL	3.24 ONL	0.04 WNL	0.02 WNL
C10:1	0.02 WNL	0.01 WNL	1.12 ONL	0.02 WNL	0.01 WNL
C10:2	0.01 WNL	0.01 WNL	0.01 WNL	0.01 WNL	0.01 WNL
C14	0.04 WNL	0.03 WNL	0.03 WNL	0.03 WNL	0.02 WNL
C14:1	0.02 WNL	0.03 WNL	0.03 WNL	0.03 WNL	0.01 WNL
C16	0.57 WNL	0.44 WNL	0.44 WNL	0.43 WNL	0.30 WNL
C16OH	0.01 WNL	1.71 ONL	0.01 WNL	0.01 WNL	0.01 WNL
C18	0.42 WNL	0.34 WNL	0.34 WNL	0.33 WNL	0.17 WNL
C18:1	0.46 WNL	0.72 WNL	0.72 WNL	0.7 WNL	0.18 WNL
C18OH	0.01 WNL	2.01 ONL	0.01 WNL	0.01 WNL	0.01 WNL

1.5. BIOTPT (U/dl blood)

Analyte	20261007001	20261007002	20261007003	20261007004	20261007005
BIOT	231.5 WNL	260.7 WNL	230.4 WNL	13.3 ONL	266.6 WNL

1.6. DMDPT (ng/mL serum)

Analyte	20261A18001	20261A18002	20261A18003	20261A18004	20261A18005
CK_MM	13246 ONL	1197.1 WNL	6072 ONL	50.8 WNL	1728.7 ONL

1.7. G6PDPT (U/dL blood)

Analyte	20261003001	20261003002	20261003003	20261003004	20261003005
G6PD	84.0 WNL	0.0 ONL	82.0 WNL	86.9 WNL	91.9 WNL

1.8. GALTPT (U/dL blood)

Analyte	20261009001	20261009002	20261009003	20261009004	20261009005
GALT	0.4 ONL	18.3 WNL	13.2 WNL	13.7 WNL	15.6 WNL

1.9. HORMPT

Analyte (units)	20261001001	20261001002	20261001003	20261001004	20261001005
T4 (µg/dL serum)	1.5 ONL	15.9 WNL	15.7 WNL	15.8 WNL	15.8 WNL
TSH (µIU/mL serum)	146.4 ONL	0.7 WNL	0.9 WNL	1.5 WNL	0.9 WNL
17OHP (ng/mL serum)	0.2 WNL	1.3 WNL	121.3 ONL	1.4 WNL	1.3 WNL
TGAL (mg/dL blood)	0.4 WNL	20.4 ONL	0.0 WNL	0.0 WNL	0.0 WNL

1.10. IRTPT (ng/mL blood)

Analyte	20261008001	20261008002	20261008003	20261008004	20261008005
IRT	140.4 ONL	15.3 WNL	9.9 WNL	13.4 WNL	261.0 ONL

1.11. PSYPT (nmol/L)

Analyte	20261020001	20261020002	20261020003	20261020004	20261020005
PSY	0.0 WNL	0.0 WNL	25.0 ONL	25.0 ONL	0.0 WNL

2. Frequency Distributions of Clinical Assessments

WNL = Within Normal Limits, ONL = Outside Normal Limits, NE = Not Evaluated.

2.1.2TMPT

2.1.1. Domestic

Analyte	Assessment	20261A21001	20261A21002	20261A21003	20261A21004	20261A21005
ALE	ONL	3	0	0	0	0
ALE	WNL	0	3	3	3	3
C24-LPC	ONL	0	0	0	0	0
C24-LPC	WNL	1	1	1	1	1
C26-LPC	ONL	0	0	0	0	0
C26-LPC	WNL	3	3	3	3	3
CRE	ONL	0	0	0	0	0
CRE	WNL	1	1	1	1	1
EMA	ONL	0	0	0	0	0
EMA	WNL	1	1	1	1	1
GUAC	ONL	0	0	0	0	2
GUAC	WNL	2	2	2	2	0
ILE	ONL	3	0	0	0	0
ILE	WNL	0	3	3	3	3
LEU	ONL	2	0	0	0	0
LEU	WNL	1	3	3	3	3
MCA	ONL	0	0	0	2	0
MCA	WNL	2	2	2	0	2
MMA	ONL	0	0	0	2	0
MMA	WNL	2	2	2	0	2
T-HCY	ONL	1	2	1	1	1
T-HCY	WNL	1	0	1	1	1
VAL	ONL	2	0	0	0	0
VAL	WNL	1	3	3	3	3
C3DC	ONL	0	0	0	0	0
C3DC	WNL	1	1	1	1	1

Analyte	Assessment	20261A21001	20261A21002	20261A21003	20261A21004	20261A21005
GAMTR	ONL	0	0	0	0	1
GAMTR	WNL	1	1	1	1	0

2.1.2. International

Analyte	Assessment	20261A21001	20261A21002	20261A21003	20261A21004	20261A21005
ALE	ONL	4	0	0	0	0
ALE	WNL	0	4	4	4	4
C24-LPC	ONL	0	0	0	0	0
C24-LPC	WNL	2	2	2	2	2
C26-LPC	ONL	0	1	0	1	0
C26-LPC	WNL	2	1	2	1	2
EMA	ONL	0	0	0	0	0
EMA	WNL	2	2	2	2	2
GUAC	ONL	0	0	0	0	2
GUAC	WNL	2	2	2	2	0
ILE	ONL	4	0	0	0	0
ILE	WNL	0	4	4	4	4
LEU	ONL	5	0	0	0	0
LEU	WNL	0	5	5	5	5
MCA	ONL	0	0	0	6	0
MCA	WNL	6	6	6	0	6
MMA	ONL	0	0	0	6	0
MMA	WNL	6	6	6	0	6
T-HCY	ONL	1	6	2	1	1
T-HCY	WNL	5	0	4	5	5
VAL	ONL	3	0	0	0	0
VAL	WNL	2	5	5	5	5
C3DC	ONL	0	0	0	1	0
C3DC	WNL	1	1	1	0	1

2.2. AAPT

2.2.1. Domestic

Analyte	Assessment	20261005001	20261005002	20261005003	20261005004	20261005005
ARG	ONL	0	38	0	0	0
ARG	WNL	38	0	38	38	38
CIT	ONL	43	0	0	0	0
CIT	WNL	0	43	43	43	43
CRE	ONL	0	0	0	0	0
CRE	WNL	8	8	8	8	8
GAMTR	ONL	0	0	0	0	0
GAMTR	WNL	14	14	14	14	14
GUAC	ONL	0	0	0	0	0
GUAC	WNL	17	17	17	17	17
LEU	ONL	0	0	44	0	0
LEU	WNL	44	44	0	44	44
MET	ONL	0	0	0	0	43
MET	WNL	43	43	43	43	0
PHE	ONL	0	0	0	51	0
PHE	WNL	51	51	51	0	51
SUAC	ONL	0	0	0	0	0
SUAC	WNL	42	42	42	42	42
TYR	ONL	0	1	0	0	1
TYR	WNL	49	48	49	49	48
VAL	ONL	0	0	29	0	0
VAL	WNL	30	30	1	30	30

2.2.2. International

Analyte	Assessment	20261005001	20261005002	20261005003	20261005004	20261005005
ARG	ONL	2	226	1	1	1
ARG	WNL	229	5	230	230	230
CIT	ONL	246	1	0	1	0
CIT	WNL	5	250	251	250	251

Analyte	Assessment	20261005001	20261005002	20261005003	20261005004	20261005005
CRE	ONL	0	0	0	0	0
CRE	WNL	13	13	13	13	13
GAMTR	ONL	0	0	0	0	0
GAMTR	WNL	8	8	8	8	8
GUAC	ONL	0	0	0	0	0
GUAC	WNL	17	17	17	17	17
LEU	ONL	0	0	267	0	2
LEU	WNL	279	279	12	279	277
MET	ONL	1	1	1	1	273
MET	WNL	277	277	277	277	5
PHE	ONL	0	1	2	326	0
PHE	WNL	345	344	343	19	345
SUAC	ONL	0	0	0	0	1
SUAC	WNL	167	167	167	167	166
TYR	ONL	1	1	1	1	0
TYR	WNL	279	279	279	279	280
VAL	ONL	1	1	253	0	1
VAL	WNL	256	256	4	257	256

2.3. ACPT

2.3.1. Domestic

Analyte	Assessment	20261006001	20261006002	20261006003	20261006004	20261006005
C0(L)	ONL	0	0	0	1	41
C0(L)	WNL	46	46	46	45	5
C2(L)	ONL	0	0	0	0	20
C2(L)	WNL	20	20	20	20	0
C3	ONL	45	0	0	0	1
C3	WNL	1	46	46	46	45
C3DC	ONL	0	0	1	11	0
C3DC	WNL	12	12	11	1	12
C3DC+C4OH	ONL	0	0	0	29	0

Analyte	Assessment	20261006001	20261006002	20261006003	20261006004	20261006005
C3DC+C4OH	WNL	29	29	29	0	29
C4	ONL	0	0	0	0	0
C4	WNL	41	41	41	41	41
C4OH	ONL	0	0	0	1	0
C4OH	WNL	9	9	9	8	9
C5	ONL	0	0	0	0	0
C5	WNL	46	46	46	46	46
C5:1	ONL	0	0	0	0	0
C5:1	WNL	45	45	45	45	45
C5DC	ONL	0	0	0	0	0
C5DC	WNL	43	43	43	43	43
C5OH	ONL	0	0	0	0	0
C5OH	WNL	43	43	43	43	43
C6	ONL	0	1	38	0	0
C6	WNL	39	38	1	39	39
C8	ONL	0	1	45	0	0
C8	WNL	46	45	1	46	46
C10	ONL	0	1	38	0	0
C10	WNL	39	38	1	39	39
C10:1	ONL	0	1	36	0	0
C10:1	WNL	37	36	1	37	37
C10:2	ONL	0	0	0	0	0
C10:2	WNL	25	25	25	25	25
C14	ONL	0	0	0	0	0
C14	WNL	39	39	39	39	39
C14:1	ONL	0	0	0	0	0
C14:1	WNL	46	46	46	46	46
C16	ONL	0	0	0	0	0
C16	WNL	45	45	45	45	45
C16OH	ONL	1	45	0	0	0
C16OH	WNL	45	1	46	46	46

Analyte	Assessment	20261006001	20261006002	20261006003	20261006004	20261006005
C18	ONL	0	0	0	0	0
C18	WNL	36	36	36	36	36
C18:1	ONL	0	0	0	0	0
C18:1	WNL	39	39	39	39	39
C18OH	ONL	1	35	0	0	0
C18OH	WNL	35	1	36	36	36

2.3.2. International

Analyte	Assessment	20261006001	20261006002	20261006003	20261006004	20261006005
C0(L)	ONL	0	0	0	0	231
C0(L)	WNL	275	275	275	275	44
C2(L)	ONL	2	4	4	4	196
C2(L)	WNL	240	238	238	238	46
C3	ONL	267	2	3	2	3
C3	WNL	6	271	270	271	270
C3DC	ONL	1	1	0	64	0
C3DC	WNL	67	67	68	4	68
C3DC+C4OH	ONL	0	0	0	126	0
C3DC+C4OH	WNL	128	128	128	2	128
C4	ONL	1	3	2	2	2
C4	WNL	252	250	251	251	251
C4OH	ONL	1	1	0	9	0
C4OH	WNL	60	60	61	52	61
C5	ONL	1	2	1	1	1
C5	WNL	283	282	283	283	283
C5:1	ONL	0	0	0	1	0
C5:1	WNL	238	238	238	237	238
C5DC	ONL	0	0	0	0	0
C5DC	WNL	260	260	260	260	260
C5OH	ONL	0	1	1	2	0
C5OH	WNL	220	219	219	218	220

Analyte	Assessment	20261006001	20261006002	20261006003	20261006004	20261006005
C6	ONL	0	1	247	1	0
C6	WNL	258	257	11	257	258
C8	ONL	0	0	281	1	1
C8	WNL	285	285	4	284	284
C10	ONL	1	1	271	1	1
C10	WNL	277	277	7	277	277
C10:1	ONL	0	0	229	0	0
C10:1	WNL	238	238	9	238	238
C10:2	ONL	0	0	0	0	0
C10:2	WNL	169	169	169	169	169
C14	ONL	1	2	2	3	2
C14	WNL	256	255	255	254	255
C14:1	ONL	0	0	0	0	0
C14:1	WNL	264	264	264	264	264
C16	ONL	1	2	1	1	4
C16	WNL	260	259	260	260	257
C16OH	ONL	0	251	0	0	1
C16OH	WNL	260	9	260	260	259
C18	ONL	0	1	1	1	2
C18	WNL	251	250	250	250	249
C18:1	ONL	0	0	0	0	2
C18:1	WNL	235	235	235	235	233
C18OH	ONL	0	199	0	0	0
C18OH	WNL	214	15	214	214	214

2.4. BIOTPT

2.4.1. Domestic

Analyte	Assessment	20261007001	20261007002	20261007003	20261007004	20261007005
BIOT	ONL	0	0	0	41	0
BIOT	WNL	41	41	41	0	41

2.4.2. International

Analyte	Assessment	20261007001	20261007002	20261007003	20261007004	20261007005
BIOT	ONL	2	1	3	217	1
BIOT	WNL	221	222	220	6	222

2.5. DMDPT

2.5.1. Domestic

Analyte	Assessment	20261A18001	20261A18002	20261A18003	20261A18004	20261A18005
CK_MM	ONL	4	1	4	0	3
CK_MM	WNL	0	3	0	4	1

2.6. G6PDPT

2.6.1. Domestic

Analyte	Assessment	20261003001	20261003002	20261003003	20261003004	20261003005
G6PD	ONL	0	2	0	0	0
G6PD	WNL	2	0	2	2	2

2.6.2. International

Analyte	Assessment	20261003001	20261003002	20261003003	20261003004	20261003005
G6PD	ONL	0	128	1	0	0
G6PD	WNL	130	2	129	130	130

2.7. GALTPT

2.7.1. Domestic

Analyte	Assessment	20261009001	20261009002	20261009003	20261009004	20261009005
GALT	ONL	42	0	0	0	0
GALT	WNL	0	42	42	42	42

2.7.2. International

Analyte	Assessment	20261009001	20261009002	20261009003	20261009004	20261009005
GALT	ONL	122	1	1	2	0
GALT	WNL	0	121	121	120	122

2.8. HORMPT

2.8.1. Domestic

Analyte	Assessment	20261001001	20261001002	20261001003	20261001004	20261001005
T4	ONL	18	0	0	0	0
T4	WNL	0	18	18	18	18
TSH	ONL	42	0	0	0	0
TSH	WNL	0	42	42	42	42
17OHP	ONL	0	0	41	0	0
17OHP	WNL	41	41	0	41	41
TGAL	ONL	0	18	0	0	0
TGAL	WNL	19	1	19	19	19

2.8.2. International

Analyte	Assessment	20261001001	20261001002	20261001003	20261001004	20261001005
T4	ONL	44	1	1	1	1
T4	WNL	1	44	44	44	44
TSH	ONL	332	1	1	0	1
TSH	WNL	0	330	331	332	330
17OHP	ONL	0	1	288	0	0
17OHP	WNL	289	288	1	289	288
TGAL	ONL	1	175	0	0	0
TGAL	WNL	182	8	183	183	183

2.9. IRTPT

2.9.1. Domestic

Analyte	Assessment	20261008001	20261008002	20261008003	20261008004	20261008005
IRT	ONL	42	0	0	0	42
IRT	WNL	0	42	42	42	0

2.9.2. International

Analyte	Assessment	20261008001	20261008002	20261008003	20261008004	20261008005
IRT	ONL	223	1	0	0	224
IRT	WNL	5	227	228	228	4

2.10. PSYPT

2.10.1. Domestic

Analyte	Assessment	20261020001	20261020002	20261020003	20261020004	20261020005
PSY	ONL	0	0	2	2	0
PSY	WNL	2	2	0	0	2

2.10.2. International

Analyte	Assessment	20261020001	20261020002	20261020003	20261020004	20261020005
PSY	ONL	0	0	1	1	1
PSY	WNL	1	1	0	0	0

3. Overall Statistics

EV = Expected Value, SD = Standard Deviation. N < 3 not shown.

3.1. 2TMPT

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
ALE (µmol/L blood)	20261A21001	35.60	6	27.0	5.2	22.60	35.80
ALE (µmol/L blood)	20261A21002	0.60	6	0.3	0.3	0.00	0.70
ALE (µmol/L blood)	20261A21003	0.60	6	0.3	0.4	0.00	0.80
ALE (µmol/L blood)	20261A21004	0.60	6	0.4	0.4	0.00	1.00
ALE (µmol/L blood)	20261A21005	0.60	6	0.3	0.4	0.00	0.80
C24-LPC (µmol/L blood)	20261A21001	0.00	3	0.3	0.3	0.10	0.69
C24-LPC (µmol/L blood)	20261A21002	0.00	3	0.3	0.2	0.12	0.50
C24-LPC (µmol/L blood)	20261A21003	0.00	3	0.2	0.2	0.12	0.42
C24-LPC (µmol/L blood)	20261A21004	0.00	3	0.3	0.2	0.12	0.54
C24-LPC (µmol/L blood)	20261A21005	0.00	3	0.3	0.3	0.12	0.65
C26-LPC (µmol/L blood)	20261A21001	0.00	5	0.1	0.2	0.00	0.41
C26-LPC (µmol/L blood)	20261A21002	0.00	5	0.2	0.3	0.00	0.63
C26-LPC (µmol/L blood)	20261A21003	0.00	5	0.2	0.3	0.00	0.63
C26-LPC (µmol/L blood)	20261A21004	0.00	5	0.2	0.2	0.00	0.58
C26-LPC (µmol/L blood)	20261A21005	0.00	5	0.1	0.1	0.00	0.18
EMA (µmol/L blood)	20261A21001	0.01	3	0.4	0.4	0.10	0.80
EMA (µmol/L blood)	20261A21002	0.01	3	0.3	0.3	0.10	0.70
EMA (µmol/L blood)	20261A21003	0.01	3	0.4	0.4	0.10	0.90
EMA (µmol/L blood)	20261A21004	0.01	3	0.3	0.3	0.10	0.60
EMA (µmol/L blood)	20261A21005	0.01	3	0.4	0.4	0.10	0.80
GUAC (µmol/L blood)	20261A21001	0.80	4	0.8	0.3	0.41	1.12
GUAC (µmol/L blood)	20261A21002	0.80	4	0.7	0.3	0.45	1.12
GUAC (µmol/L blood)	20261A21003	0.80	4	0.8	0.4	0.39	1.27
GUAC (µmol/L blood)	20261A21004	0.80	4	0.7	0.3	0.44	1.09
GUAC (µmol/L blood)	20261A21005	10.80	4	7.9	1.8	5.96	10.23
ILE (µmol/L blood)	20261A21001	247.00	7	252.7	110.7	168.50	491.31
ILE (µmol/L blood)	20261A21002	27.00	6	24.7	4.6	18.50	30.80
ILE (µmol/L blood)	20261A21003	27.00	6	24.6	5.2	17.50	30.70

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
ILE (µmol/L blood)	20261A21004	27.00	6	25.6	5.1	18.10	31.40
ILE (µmol/L blood)	20261A21005	27.00	7	30.4	18.9	16.90	72.08
LEU (µmol/L blood)	20261A21001	327.60	7	324.2	88.5	245.20	491.31
LEU (µmol/L blood)	20261A21002	57.60	8	66.8	14.9	49.70	95.49
LEU (µmol/L blood)	20261A21003	57.60	8	67.2	16.2	47.50	89.97
LEU (µmol/L blood)	20261A21004	57.60	8	67.0	15.7	46.40	96.68
LEU (µmol/L blood)	20261A21005	57.60	8	60.9	9.4	46.50	72.08
MCA (µmol/L blood)	20261A21001	0.10	8	0.1	0.1	0.00	0.35
MCA (µmol/L blood)	20261A21002	0.10	8	0.1	0.0	0.00	0.13
MCA (µmol/L blood)	20261A21003	0.10	8	0.1	0.0	0.00	0.13
MCA (µmol/L blood)	20261A21004	10.10	8	8.9	4.9	1.50	15.94
MCA (µmol/L blood)	20261A21005	0.10	8	0.1	0.1	0.00	0.20
MMA (µmol/L blood)	20261A21001	0.30	8	0.2	0.1	0.05	0.50
MMA (µmol/L blood)	20261A21002	0.30	8	0.2	0.2	0.00	0.70
MMA (µmol/L blood)	20261A21003	0.30	7	0.1	0.1	0.04	0.20
MMA (µmol/L blood)	20261A21004	10.30	8	163.3	50.1	96.37	229.00
MMA (µmol/L blood)	20261A21005	0.30	7	0.2	0.1	0.00	0.30
T-HCY (µmol/L blood)	20261A21001	2.10	8	10.6	3.9	5.90	17.40
T-HCY (µmol/L blood)	20261A21002	52.10	8	63.6	19.6	42.56	92.31
T-HCY (µmol/L blood)	20261A21003	2.10	8	11.0	4.0	6.31	18.30
T-HCY (µmol/L blood)	20261A21004	2.10	8	10.8	3.0	6.76	15.60
T-HCY (µmol/L blood)	20261A21005	2.10	8	10.6	3.1	6.27	15.10
VAL (µmol/L blood)	20261A21001	437.20	8	368.0	74.6	275.60	495.00
VAL (µmol/L blood)	20261A21002	87.20	8	84.1	17.3	59.87	115.70
VAL (µmol/L blood)	20261A21003	87.20	8	83.9	17.2	64.10	114.50
VAL (µmol/L blood)	20261A21004	87.20	8	85.2	19.5	55.62	118.00
VAL (µmol/L blood)	20261A21005	87.20	8	79.8	13.7	61.80	100.50

3.2. AAPT

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
ARG (µmol/L blood)	20261005001	10.6	267	11.6	5.0	2.6	48.0

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
ARG (µmol/L blood)	20261005002	210.9	268	168.7	46.9	4.6	417.0
ARG (µmol/L blood)	20261005003	6.6	267	15.5	5.5	2.1	56.0
ARG (µmol/L blood)	20261005004	12.1	268	11.9	3.5	2.9	28.0
ARG (µmol/L blood)	20261005005	11.5	264	6.0	2.4	0.0	24.0
CIT (µmol/L blood)	20261005001	215.7	293	169.3	33.1	5.1	336.0
CIT (µmol/L blood)	20261005002	14.3	293	16.3	5.1	4.8	56.0
CIT (µmol/L blood)	20261005003	13.6	292	13.5	3.0	4.1	33.9
CIT (µmol/L blood)	20261005004	14.4	293	13.7	2.9	4.1	35.2
CIT (µmol/L blood)	20261005005	13.5	291	13.0	2.7	3.0	30.0
CRE (µmol/L blood)	20261005001	411.8	21	402.9	75.9	334.7	652.0
CRE (µmol/L blood)	20261005002	413.7	21	391.7	60.8	327.0	515.9
CRE (µmol/L blood)	20261005003	414.4	21	398.4	76.8	307.1	614.8
CRE (µmol/L blood)	20261005004	452.3	21	438.9	72.6	336.8	648.8
CRE (µmol/L blood)	20261005005	439.9	21	406.8	86.8	318.0	675.4
GAMTR (µmol/L blood)	20261005001	3.6	22	3.6	2.0	0.0	8.9
GAMTR (µmol/L blood)	20261005002	3.5	22	3.3	2.0	0.0	9.1
GAMTR (µmol/L blood)	20261005003	2.9	22	3.9	2.4	0.0	9.7
GAMTR (µmol/L blood)	20261005004	3.4	22	3.5	1.8	0.0	7.9
GAMTR (µmol/L blood)	20261005005	3.5	22	3.2	1.8	0.0	7.5
GUAC (µmol/L blood)	20261005001	1.5	34	1.6	0.8	0.6	4.0
GUAC (µmol/L blood)	20261005002	1.5	34	1.4	0.9	0.5	4.0
GUAC (µmol/L blood)	20261005003	1.2	34	1.7	0.9	0.7	4.0
GUAC (µmol/L blood)	20261005004	1.5	34	1.7	0.9	0.6	4.0
GUAC (µmol/L blood)	20261005005	1.5	34	1.4	0.8	0.6	4.0
LEU (µmol/L blood)	20261005001	76.0	319	76.7	15.4	38.0	161.5
LEU (µmol/L blood)	20261005002	75.9	320	71.6	14.9	33.9	150.1
LEU (µmol/L blood)	20261005003	722.4	320	564.4	93.8	237.7	1,128.0
LEU (µmol/L blood)	20261005004	78.7	320	76.9	15.0	33.2	150.9
LEU (µmol/L blood)	20261005005	71.9	320	71.7	14.9	24.6	149.9
MET (µmol/L blood)	20261005001	7.3	319	7.9	2.0	3.4	18.7
MET (µmol/L blood)	20261005002	7.1	317	7.8	2.0	2.4	20.5

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
MET (µmol/L blood)	20261005003	7.1	318	8.3	2.4	3.9	31.3
MET (µmol/L blood)	20261005004	7.6	319	8.7	2.4	3.9	22.5
MET (µmol/L blood)	20261005005	217.2	317	156.7	29.6	4.9	324.0
PHE (µmol/L blood)	20261005001	27.2	393	30.0	15.0	0.6	239.7
PHE (µmol/L blood)	20261005002	27.2	394	30.1	12.4	0.6	168.8
PHE (µmol/L blood)	20261005003	27.0	395	33.0	24.5	0.6	265.2
PHE (µmol/L blood)	20261005004	286.7	394	229.9	42.3	4.1	349.0
PHE (µmol/L blood)	20261005005	25.5	392	31.3	12.9	0.8	135.2
SUAC (µmol/L blood)	20261005001	0.3	204	0.5	0.4	0.0	2.1
SUAC (µmol/L blood)	20261005002	0.3	204	0.5	0.5	0.0	3.5
SUAC (µmol/L blood)	20261005003	0.3	203	0.5	0.4	0.0	2.9
SUAC (µmol/L blood)	20261005004	0.3	202	0.5	0.5	0.0	2.5
SUAC (µmol/L blood)	20261005005	0.3	203	0.5	0.5	0.0	3.2
TYR (µmol/L blood)	20261005001	29.0	325	32.1	6.1	16.6	55.4
TYR (µmol/L blood)	20261005002	28.7	326	26.4	6.3	5.5	91.5
TYR (µmol/L blood)	20261005003	24.1	326	30.9	6.5	11.0	80.1
TYR (µmol/L blood)	20261005004	29.4	326	32.3	6.5	11.0	81.3
TYR (µmol/L blood)	20261005005	27.7	326	26.5	6.1	10.0	86.1
VAL (µmol/L blood)	20261005001	64.5	286	71.9	13.3	25.0	129.0
VAL (µmol/L blood)	20261005002	64.5	286	61.0	12.4	20.7	133.1
VAL (µmol/L blood)	20261005003	705.7	284	559.5	104.1	196.7	885.0
VAL (µmol/L blood)	20261005004	64.9	284	72.7	14.8	25.1	166.6
VAL (µmol/L blood)	20261005005	62.0	284	61.0	12.5	21.0	134.2

3.3. ACPT

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
C0(L) (µmol/L blood)	20261006001	30.99	320	29.91	5.26	13.46	46.00
C0(L) (µmol/L blood)	20261006002	30.17	321	31.20	5.64	15.50	71.00
C0(L) (µmol/L blood)	20261006003	30.16	321	32.74	6.05	12.30	76.00
C0(L) (µmol/L blood)	20261006004	29.93	321	36.30	7.06	3.29	78.00
C0(L) (µmol/L blood)	20261006005	4.95	317	5.60	1.35	0.67	14.70

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
C2(L) (µmol/L blood)	20261006001	23.08	259	16.09	3.34	2.24	29.80
C2(L) (µmol/L blood)	20261006002	24.42	258	18.94	3.82	2.16	34.90
C2(L) (µmol/L blood)	20261006003	24.49	259	19.12	3.77	2.32	34.20
C2(L) (µmol/L blood)	20261006004	24.48	258	19.18	3.90	3.17	34.74
C2(L) (µmol/L blood)	20261006005	1.83	260	1.60	0.72	0.35	4.81
C3 (µmol/L blood)	20261006001	12.32	319	10.15	2.28	0.36	23.10
C3 (µmol/L blood)	20261006002	0.38	316	0.35	0.09	0.14	0.76
C3 (µmol/L blood)	20261006003	0.36	316	0.34	0.09	0.10	1.02
C3 (µmol/L blood)	20261006004	0.36	316	0.34	0.10	0.15	1.19
C3 (µmol/L blood)	20261006005	0.40	316	0.39	0.13	0.17	1.91
C3DC (µmol/L blood)	20261006001	0.03	79	0.03	0.03	0.00	0.15
C3DC (µmol/L blood)	20261006002	0.03	79	0.03	0.03	0.00	0.17
C3DC (µmol/L blood)	20261006003	0.03	79	0.03	0.03	0.00	0.15
C3DC (µmol/L blood)	20261006004	15.03	80	6.37	4.22	0.02	21.80
C3DC (µmol/L blood)	20261006005	0.03	78	0.03	0.04	0.00	0.19
C3DC+C4OH (µmol/L blood)	20261006001	0.03	155	0.03	0.02	0.00	0.26
C3DC+C4OH (µmol/L blood)	20261006002	0.04	154	0.04	0.02	0.01	0.16
C3DC+C4OH (µmol/L blood)	20261006003	0.04	155	0.04	0.02	0.00	0.20
C3DC+C4OH (µmol/L blood)	20261006004	15.05	155	2.42	1.05	0.08	6.01
C3DC+C4OH (µmol/L blood)	20261006005	0.03	153	0.02	0.02	0.00	0.09
C4 (µmol/L blood)	20261006001	0.03	286	0.04	0.04	0.00	0.30
C4 (µmol/L blood)	20261006002	0.06	287	0.06	0.02	0.01	0.19
C4 (µmol/L blood)	20261006003	0.06	289	0.06	0.04	0.00	0.23
C4 (µmol/L blood)	20261006004	0.05	286	0.05	0.02	0.01	0.17
C4 (µmol/L blood)	20261006005	0.03	286	0.03	0.02	0.00	0.19
C4OH (µmol/L blood)	20261006001	0.04	70	0.04	0.03	0.01	0.16
C4OH (µmol/L blood)	20261006002	0.05	68	0.04	0.02	0.01	0.10
C4OH (µmol/L blood)	20261006003	0.05	70	0.05	0.03	0.01	0.15
C4OH (µmol/L blood)	20261006004	0.05	69	0.34	0.76	0.03	3.55
C4OH (µmol/L blood)	20261006005	0.03	70	0.03	0.02	0.01	0.12
C5 (µmol/L blood)	20261006001	0.03	323	0.03	0.02	0.00	0.13

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
C5 (µmol/L blood)	20261006002	0.04	322	0.03	0.02	0.01	0.26
C5 (µmol/L blood)	20261006003	0.04	325	0.03	0.02	0.01	0.27
C5 (µmol/L blood)	20261006004	0.04	322	0.03	0.02	0.01	0.22
C5 (µmol/L blood)	20261006005	0.02	320	0.02	0.02	0.00	0.12
C5:1 (µmol/L blood)	20261006001	0.01	280	0.02	0.03	0.00	0.28
C5:1 (µmol/L blood)	20261006002	0.01	279	0.01	0.02	0.00	0.11
C5:1 (µmol/L blood)	20261006003	0.01	280	0.01	0.02	0.00	0.16
C5:1 (µmol/L blood)	20261006004	0.01	278	0.01	0.01	0.00	0.11
C5:1 (µmol/L blood)	20261006005	0.01	281	0.01	0.02	0.00	0.12
C5DC (µmol/L blood)	20261006001	0.03	301	0.03	0.04	0.00	0.35
C5DC (µmol/L blood)	20261006002	0.02	299	0.03	0.04	0.00	0.35
C5DC (µmol/L blood)	20261006003	0.02	301	0.04	0.04	0.00	0.35
C5DC (µmol/L blood)	20261006004	0.03	302	0.04	0.05	0.00	0.35
C5DC (µmol/L blood)	20261006005	0.02	298	0.03	0.03	0.00	0.25
C5OH (µmol/L blood)	20261006001	0.22	263	0.27	0.10	0.02	0.59
C5OH (µmol/L blood)	20261006002	0.29	262	0.31	0.10	0.01	0.59
C5OH (µmol/L blood)	20261006003	0.29	262	0.32	0.10	0.06	0.65
C5OH (µmol/L blood)	20261006004	0.28	262	0.32	0.10	0.00	0.65
C5OH (µmol/L blood)	20261006005	0.14	263	0.19	0.08	0.01	0.59
C6 (µmol/L blood)	20261006001	0.02	296	0.02	0.02	0.00	0.15
C6 (µmol/L blood)	20261006002	0.02	295	0.02	0.02	0.00	0.12
C6 (µmol/L blood)	20261006003	1.52	295	1.24	0.24	0.01	2.20
C6 (µmol/L blood)	20261006004	0.02	294	0.02	0.02	0.00	0.13
C6 (µmol/L blood)	20261006005	0.02	294	0.01	0.01	0.00	0.09
C8 (µmol/L blood)	20261006001	0.03	329	0.02	0.02	0.00	0.17
C8 (µmol/L blood)	20261006002	0.02	328	0.02	0.01	0.00	0.10
C8 (µmol/L blood)	20261006003	2.02	329	1.78	0.35	0.02	3.12
C8 (µmol/L blood)	20261006004	0.02	328	0.03	0.02	0.00	0.13
C8 (µmol/L blood)	20261006005	0.01	328	0.01	0.01	0.00	0.11
C10 (µmol/L blood)	20261006001	0.04	315	0.02	0.02	0.00	0.20
C10 (µmol/L blood)	20261006002	0.04	314	0.02	0.02	0.00	0.17

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
C10 (µmol/L blood)	20261006003	3.24	317	1.69	0.42	0.01	3.73
C10 (µmol/L blood)	20261006004	0.04	314	0.03	0.02	0.00	0.17
C10 (µmol/L blood)	20261006005	0.02	313	0.01	0.01	0.00	0.13
C10:1 (µmol/L blood)	20261006001	0.02	270	0.02	0.02	0.00	0.23
C10:1 (µmol/L blood)	20261006002	0.01	269	0.02	0.02	0.00	0.26
C10:1 (µmol/L blood)	20261006003	1.12	272	0.92	0.32	0.01	2.51
C10:1 (µmol/L blood)	20261006004	0.02	268	0.02	0.02	0.00	0.29
C10:1 (µmol/L blood)	20261006005	0.01	270	0.01	0.03	0.00	0.31
C10:2 (µmol/L blood)	20261006001	0.01	193	0.01	0.01	0.00	0.11
C10:2 (µmol/L blood)	20261006002	0.01	193	0.01	0.01	0.00	0.07
C10:2 (µmol/L blood)	20261006003	0.01	193	0.01	0.02	0.00	0.12
C10:2 (µmol/L blood)	20261006004	0.01	193	0.01	0.01	0.00	0.08
C10:2 (µmol/L blood)	20261006005	0.01	194	0.01	0.02	0.00	0.13
C14 (µmol/L blood)	20261006001	0.04	293	0.03	0.02	0.00	0.16
C14 (µmol/L blood)	20261006002	0.03	294	0.03	0.02	0.00	0.16
C14 (µmol/L blood)	20261006003	0.03	295	0.03	0.02	0.00	0.15
C14 (µmol/L blood)	20261006004	0.03	292	0.03	0.01	0.00	0.12
C14 (µmol/L blood)	20261006005	0.02	295	0.02	0.01	0.00	0.15
C14:1 (µmol/L blood)	20261006001	0.02	308	0.02	0.02	0.00	0.17
C14:1 (µmol/L blood)	20261006002	0.03	308	0.03	0.02	0.01	0.13
C14:1 (µmol/L blood)	20261006003	0.03	308	0.03	0.02	0.00	0.18
C14:1 (µmol/L blood)	20261006004	0.03	310	0.03	0.02	0.00	0.14
C14:1 (µmol/L blood)	20261006005	0.01	309	0.01	0.01	0.00	0.12
C16 (µmol/L blood)	20261006001	0.57	306	0.69	0.14	0.33	1.60
C16 (µmol/L blood)	20261006002	0.44	305	0.50	0.11	0.01	0.98
C16 (µmol/L blood)	20261006003	0.44	306	0.51	0.13	0.01	1.54
C16 (µmol/L blood)	20261006004	0.43	303	0.50	0.11	0.01	0.98
C16 (µmol/L blood)	20261006005	0.30	305	0.39	0.10	0.01	1.03
C16OH (µmol/L blood)	20261006001	0.01	302	0.01	0.01	0.00	0.09
C16OH (µmol/L blood)	20261006002	1.71	301	0.91	0.26	0.01	2.17
C16OH (µmol/L blood)	20261006003	0.01	303	0.01	0.01	0.00	0.08

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
C16OH (µmol/L blood)	20261006004	0.01	304	0.01	0.01	0.00	0.11
C16OH (µmol/L blood)	20261006005	0.01	302	0.01	0.01	0.00	0.08
C18 (µmol/L blood)	20261006001	0.42	287	0.51	0.11	0.21	1.10
C18 (µmol/L blood)	20261006002	0.34	285	0.37	0.09	0.14	1.18
C18 (µmol/L blood)	20261006003	0.34	285	0.38	0.08	0.19	0.88
C18 (µmol/L blood)	20261006004	0.33	285	0.38	0.09	0.03	0.88
C18 (µmol/L blood)	20261006005	0.17	286	0.25	0.11	0.10	1.37
C18:1 (µmol/L blood)	20261006001	0.46	274	0.60	0.17	0.01	1.67
C18:1 (µmol/L blood)	20261006002	0.72	272	0.86	0.24	0.01	2.05
C18:1 (µmol/L blood)	20261006003	0.72	270	0.88	0.22	0.02	2.01
C18:1 (µmol/L blood)	20261006004	0.70	273	0.89	0.25	0.01	2.37
C18:1 (µmol/L blood)	20261006005	0.18	272	0.28	0.10	0.01	0.93
C18OH (µmol/L blood)	20261006001	0.01	247	0.01	0.02	0.00	0.19
C18OH (µmol/L blood)	20261006002	2.01	247	1.40	0.56	0.00	3.88
C18OH (µmol/L blood)	20261006003	0.01	247	0.01	0.02	0.00	0.12
C18OH (µmol/L blood)	20261006004	0.01	247	0.01	0.01	0.00	0.08
C18OH (µmol/L blood)	20261006005	0.01	248	0.01	0.01	0.00	0.08

3.4. DMDPT

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
CK-MM (ng/mL serum)	20261A18001	13,246.0	4	10,221.6	4,442.2	6,350.0	14,812.5
CK-MM (ng/mL serum)	20261A18002	1,197.1	4	1,292.2	143.1	1,160.0	1,495.5
CK-MM (ng/mL serum)	20261A18003	6,072.0	4	6,023.0	485.6	5,320.0	6,350.0
CK-MM (ng/mL serum)	20261A18004	50.8	4	56.9	5.7	49.0	62.3
CK-MM (ng/mL serum)	20261A18005	1,728.7	4	1,705.7	159.4	1,561.7	1,861.3

3.5. HORMPT

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
T4 (µg/dL serum)	20261001001	1.5	57	2.0	0.8	0.8	5.1
T4 (µg/dL serum)	20261001002	15.9	63	15.1	3.8	10.7	41.0
T4 (µg/dL serum)	20261001003	15.7	63	16.1	5.6	10.8	55.8
T4 (µg/dL serum)	20261001004	15.8	63	16.8	4.1	12.3	44.3

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
T4 (µg/dL serum)	20261001005	15.8	63	17.9	4.3	11.7	46.1
TSH (µIU/mL serum)	20261001001	146.4	370	131.8	37.2	17.4	235.4
TSH (µIU/mL serum)	20261001002	0.7	361	1.8	2.0	0.0	13.7
TSH (µIU/mL serum)	20261001003	0.9	361	1.8	1.8	0.0	13.0
TSH (µIU/mL serum)	20261001004	1.5	363	2.4	1.9	0.0	15.3
TSH (µIU/mL serum)	20261001005	0.9	358	1.9	2.0	0.0	12.8
17OHP (ng/mL serum)	20261001001	0.2	312	0.6	0.9	0.0	6.1
17OHP (ng/mL serum)	20261001002	1.3	320	2.4	1.8	0.2	15.6
17OHP (ng/mL serum)	20261001003	121.3	326	142.6	39.4	19.5	344.5
17OHP (ng/mL serum)	20261001004	1.4	316	1.3	1.8	0.0	18.4
17OHP (ng/mL serum)	20261001005	1.3	316	2.1	2.6	0.1	24.1
TGAL (mg/dL blood)	20261001001	0.4	193	1.2	1.1	0.0	5.2
TGAL (mg/dL blood)	20261001002	20.4	200	17.6	5.4	7.3	49.0
TGAL (mg/dL blood)	20261001003	0.0	196	1.3	1.1	0.0	5.3
TGAL (mg/dL blood)	20261001004	0.0	196	1.3	1.2	0.0	8.1
TGAL (mg/dL blood)	20261001005	0.0	196	1.3	1.1	0.0	5.6

3.6. IRTPT

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
IRT (ng/mL blood)	20261008001	140.4	268	156.3	174.8	24.1	1,420.1
IRT (ng/mL blood)	20261008002	15.3	266	16.2	10.3	3.3	79.1
IRT (ng/mL blood)	20261008003	9.9	262	12.1	8.4	0.0	54.7
IRT (ng/mL blood)	20261008004	13.4	263	15.6	11.2	4.5	89.8
IRT (ng/mL blood)	20261008005	261.0	269	263.1	179.0	62.8	1,580.0

3.7. PSYPT

Analyte (units)	Specimen Number	EV	N	Mean	SD	Min	Max
PSY (nmol/L)	20261020001	0	3	0.13	0.23	0.00	0.4
PSY (nmol/L)	20261020002	0	3	0.19	0.20	0.00	0.4
PSY (nmol/L)	20261020003	25	3	18.56	4.03	16.00	23.2
PSY (nmol/L)	20261020004	25	3	17.51	4.52	13.94	22.6
PSY (nmol/L)	20261020005	0	3	0.18	0.20	0.00	0.4

4. Mean Reported Concentrations by Method

EV = Expected Value, SD = Standard Deviation. N < 3 not shown.

4.1. 2TMPT

4.1.1. ALE (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	35.6	6	27.0	5.2	22.6	35.8
20261A21002	LC-MS/MS non-kit	0.6	6	0.3	0.3	0.0	0.7
20261A21003	LC-MS/MS non-kit	0.6	6	0.3	0.4	0.0	0.8
20261A21004	LC-MS/MS non-kit	0.6	6	0.4	0.4	0.0	1.0
20261A21005	LC-MS/MS non-kit	0.6	6	0.3	0.4	0.0	0.8

4.1.1. EMA (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	0.01	3	0.4	0.4	0.1	0.8
20261A21002	LC-MS/MS non-kit	0.01	3	0.3	0.3	0.1	0.7
20261A21003	LC-MS/MS non-kit	0.01	3	0.4	0.4	0.1	0.9
20261A21004	LC-MS/MS non-kit	0.01	3	0.3	0.3	0.1	0.6
20261A21005	LC-MS/MS non-kit	0.01	3	0.4	0.4	0.1	0.8

4.1.2. GUAC (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	0.8	3	0.7	0.4	0.41	1.12
20261A21002	LC-MS/MS non-kit	0.8	3	0.8	0.3	0.45	1.12
20261A21003	LC-MS/MS non-kit	0.8	3	0.7	0.5	0.39	1.27
20261A21004	LC-MS/MS non-kit	0.8	3	0.7	0.3	0.44	1.09
20261A21005	LC-MS/MS non-kit	10.8	3	7.9	2.2	5.96	10.23
20261005001	Derivatized - MS/MS non-kit	1.5	15	1.7	1.0	0.80	4.00
20261005001	FIA-MS/MS non-derivatized, non-kit	1.5	4	1.7	0.7	0.60	2.10
20261005001	LC-MS/MS non-kit	1.5	3	1.0	0.3	0.80	1.30
20261005001	Non-derivatized - NeoBase 2 MS/MS	1.5	8	1.5	0.7	0.90	3.20
20261005002	Derivatized - MS/MS non-kit	1.5	15	1.6	1.1	0.50	4.00
20261005002	FIA-MS/MS non-derivatized, non-kit	1.5	4	1.4	0.6	0.50	1.90
20261005002	LC-MS/MS non-kit	1.5	3	0.8	0.2	0.70	1.00

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005002	Non-derivatized - NeoBase 2 MS/MS	1.5	8	1.3	0.8	0.70	3.10
20261005003	Derivatized - MS/MS non-kit	1.2	15	2.1	0.9	0.80	4.00
20261005003	FIA-MS/MS non-derivatized, non-kit	1.2	4	1.4	0.6	0.70	2.10
20261005003	LC-MS/MS non-kit	1.2	3	0.9	0.2	0.80	1.10
20261005003	Non-derivatized - NeoBase 2 MS/MS	1.2	8	1.5	1.0	0.70	3.80
20261005004	Derivatized - MS/MS non-kit	1.5	15	1.8	1.0	0.90	4.00
20261005004	FIA-MS/MS non-derivatized, non-kit	1.5	4	1.5	0.7	0.60	2.00
20261005004	LC-MS/MS non-kit	1.5	3	1.0	0.3	0.80	1.30
20261005004	Non-derivatized - NeoBase 2 MS/MS	1.5	8	1.7	1.0	0.80	3.90
20261005005	Derivatized - MS/MS non-kit	1.5	15	1.6	0.9	0.60	4.00
20261005005	FIA-MS/MS non-derivatized, non-kit	1.5	4	1.4	0.6	0.60	2.00
20261005005	LC-MS/MS non-kit	1.5	3	0.8	0.2	0.70	1.00
20261005005	Non-derivatized - NeoBase 2 MS/MS	1.5	8	1.2	0.7	0.70	2.90

4.1.3. ILE ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	247	7	252.7	110.7	168.5	491.31
20261A21002	LC-MS/MS non-kit	27	6	24.7	4.6	18.5	30.80
20261A21003	LC-MS/MS non-kit	27	6	24.6	5.2	17.5	30.70
20261A21004	LC-MS/MS non-kit	27	6	25.6	5.1	18.1	31.40
20261A21005	LC-MS/MS non-kit	27	7	30.4	18.9	16.9	72.08

4.1.4. LEU ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	327.6	7	324.2	88.5	245.2	491.31
20261A21002	LC-MS/MS non-kit	57.6	7	66.9	16.1	49.7	95.49
20261A21003	LC-MS/MS non-kit	57.6	7	65.2	16.3	47.5	89.97
20261A21004	LC-MS/MS non-kit	57.6	7	68.0	16.7	46.4	96.68
20261A21005	LC-MS/MS non-kit	57.6	7	60.1	9.9	46.5	72.08
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	76.0	9	73.6	34.2	38.0	155.30
20261005001	Derivatized - MS/MS non-kit	76.0	38	74.5	21.1	45.4	151.90
20261005001	Derivatized - MassChrom MS/MS	76.0	12	60.8	9.0	46.3	79.50

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	FIA-MS/MS non-derivatized, non-kit	76.0	13	83.1	18.1	51.6	116.90
20261005001	LC-MS/MS non-kit	76.0	16	83.1	29.5	42.0	161.50
20261005001	Non-derivatized - MassChrom MS/MS	76.0	44	78.1	13.0	54.2	120.90
20261005001	Non-derivatized - NeoBase 2 MS/MS	76.0	138	75.9	8.5	58.0	100.50
20261005001	Non-derivatized - NeoBase MS/MS	76.0	20	81.8	8.4	67.8	101.50
20261005001	Non-derivatized - NeoMass AAAC 3.0	76.0	5	81.9	11.4	71.3	100.20
20261005001	Non-derivatized - NeoMass AAAC Plus	76.0	7	69.0	17.6	49.8	99.70
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	75.9	8	55.8	11.7	36.2	71.90
20261005002	Derivatized - MS/MS non-kit	75.9	38	69.8	23.3	33.9	150.10
20261005002	Derivatized - MassChrom MS/MS	75.9	12	56.8	8.2	42.4	75.80
20261005002	FIA-MS/MS non-derivatized, non-kit	75.9	13	79.3	16.2	53.0	110.80
20261005002	LC-MS/MS non-kit	75.9	16	77.0	26.0	34.7	148.60
20261005002	Non-derivatized - MassChrom MS/MS	75.9	44	72.8	14.1	53.4	132.80
20261005002	Non-derivatized - NeoBase 2 MS/MS	75.9	140	71.6	9.2	51.0	126.80
20261005002	Non-derivatized - NeoBase MS/MS	75.9	20	75.9	6.4	66.8	87.50
20261005002	Non-derivatized - NeoMass AAAC 3.0	75.9	5	74.5	12.1	61.6	88.50
20261005002	Non-derivatized - NeoMass AAAC Plus	75.9	7	66.4	15.4	43.6	85.70
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	722.4	9	466.0	137.9	239.9	699.10
20261005003	Derivatized - MS/MS non-kit	722.4	37	555.0	98.6	298.4	731.10
20261005003	Derivatized - MassChrom MS/MS	722.4	12	483.6	66.7	369.3	578.40
20261005003	FIA-MS/MS non-derivatized, non-kit	722.4	13	538.2	108.1	349.7	739.00
20261005003	LC-MS/MS non-kit	722.4	16	598.2	151.6	454.2	1,128.00
20261005003	Non-derivatized - MassChrom MS/MS	722.4	44	565.7	83.0	441.0	967.50
20261005003	Non-derivatized - NeoBase 2 MS/MS	722.4	140	566.2	66.2	433.6	942.50
20261005003	Non-derivatized - NeoBase MS/MS	722.4	20	647.5	51.0	569.0	745.30
20261005003	Non-derivatized - NeoMass AAAC 3.0	722.4	5	604.5	131.4	489.4	768.50
20261005003	Non-derivatized - NeoMass AAAC Plus	722.4	7	536.9	99.9	365.4	649.50
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	78.7	8	62.8	19.8	40.4	102.80
20261005004	Derivatized - MS/MS non-kit	78.7	38	76.0	20.2	33.2	133.30
20261005004	Derivatized - MassChrom MS/MS	78.7	12	62.0	9.2	47.6	79.00
20261005004	FIA-MS/MS non-derivatized, non-kit	78.7	13	79.8	15.3	59.2	111.90

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005004	LC-MS/MS non-kit	78.7	16	80.3	26.3	49.6	150.90
20261005004	Non-derivatized - MassChrom MS/MS	78.7	44	77.2	14.5	52.1	130.10
20261005004	Non-derivatized - NeoBase 2 MS/MS	78.7	140	77.1	10.4	56.8	126.00
20261005004	Non-derivatized - NeoBase MS/MS	78.7	20	84.2	12.1	70.0	112.80
20261005004	Non-derivatized - NeoMass AAAC 3.0	78.7	5	75.0	9.7	64.9	86.70
20261005004	Non-derivatized - NeoMass AAAC Plus	78.7	7	67.7	11.0	48.6	82.80
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	71.9	9	66.6	34.7	36.7	149.90
20261005005	Derivatized - MS/MS non-kit	71.9	38	69.6	20.2	24.6	125.20
20261005005	Derivatized - MassChrom MS/MS	71.9	12	56.0	8.8	42.6	76.40
20261005005	FIA-MS/MS non-derivatized, non-kit	71.9	13	76.0	14.9	52.2	104.50
20261005005	LC-MS/MS non-kit	71.9	16	75.0	25.4	39.3	136.10
20261005005	Non-derivatized - MassChrom MS/MS	71.9	43	73.4	14.0	54.7	125.50
20261005005	Non-derivatized - NeoBase 2 MS/MS	71.9	140	71.8	9.5	51.4	124.30
20261005005	Non-derivatized - NeoBase MS/MS	71.9	20	76.8	6.4	66.2	87.10
20261005005	Non-derivatized - NeoMass AAAC 3.0	71.9	5	74.0	14.6	58.3	93.30
20261005005	Non-derivatized - NeoMass AAAC Plus	71.9	7	63.2	12.4	44.0	76.10

4.1.5. MCA ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	0.1	8	0.1	0.1	0.0	0.35
20261A21002	LC-MS/MS non-kit	0.1	8	0.1	0.0	0.0	0.13
20261A21003	LC-MS/MS non-kit	0.1	8	0.1	0.0	0.0	0.13
20261A21004	LC-MS/MS non-kit	10.1	8	8.9	4.9	1.5	15.94
20261A21005	LC-MS/MS non-kit	0.1	8	0.1	0.1	0.0	0.20

4.1.6. MMA ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	0.3	8	0.2	0.1	0.05	0.5
20261A21002	LC-MS/MS non-kit	0.3	8	0.2	0.2	0.00	0.7
20261A21003	LC-MS/MS non-kit	0.3	7	0.1	0.1	0.04	0.2
20261A21004	LC-MS/MS non-kit	10.3	8	163.3	50.1	96.37	229.0
20261A21005	LC-MS/MS non-kit	0.3	7	0.2	0.1	0.00	0.3

4.1.7. T-HCY (μmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	2.1	8	10.6	3.9	5.90	17.40
20261A21002	LC-MS/MS non-kit	52.1	8	63.6	19.6	42.56	92.31
20261A21003	LC-MS/MS non-kit	2.1	8	11.0	4.0	6.31	18.30
20261A21004	LC-MS/MS non-kit	2.1	8	10.8	3.0	6.76	15.60
20261A21005	LC-MS/MS non-kit	2.1	8	10.6	3.1	6.27	15.10

4.1.8. VAL (μmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	437.2	6	380.0	83.2	275.6	495.0
20261A21002	LC-MS/MS non-kit	87.2	6	88.0	16.9	66.5	115.7
20261A21003	LC-MS/MS non-kit	87.2	6	87.1	18.9	64.1	114.5
20261A21004	LC-MS/MS non-kit	87.2	6	89.4	18.3	61.2	118.0
20261A21005	LC-MS/MS non-kit	87.2	6	84.2	12.9	61.8	100.5
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	64.5	9	64.4	13.4	45.3	82.7
20261005001	Derivatized - MS/MS non-kit	64.5	37	73.5	15.5	45.2	118.5
20261005001	Derivatized - MassChrom MS/MS	64.5	12	54.6	13.9	25.0	73.4
20261005001	FIA-MS/MS non-derivatized, non-kit	64.5	13	73.5	14.2	52.7	103.0
20261005001	LC-MS/MS non-kit	64.5	16	69.5	11.0	51.5	91.0
20261005001	Non-derivatized - MassChrom MS/MS	64.5	33	66.5	12.6	46.5	96.4
20261005001	Non-derivatized - NeoBase 2 MS/MS	64.5	120	73.5	9.8	49.6	129.0
20261005001	Non-derivatized - NeoBase MS/MS	64.5	19	81.1	11.2	64.4	107.9
20261005001	Non-derivatized - NeoMass AAAC 3.0	64.5	5	68.9	6.4	62.0	78.5
20261005001	Non-derivatized - NeoMass AAAC Plus	64.5	7	63.6	14.9	46.1	91.7
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	64.5	9	56.0	9.7	42.9	73.9
20261005002	Derivatized - MS/MS non-kit	64.5	37	64.8	20.5	23.6	133.1
20261005002	Derivatized - MassChrom MS/MS	64.5	12	48.3	13.5	20.7	65.5
20261005002	FIA-MS/MS non-derivatized, non-kit	64.5	13	62.7	17.5	41.9	102.0
20261005002	LC-MS/MS non-kit	64.5	16	58.2	8.6	41.7	70.6
20261005002	Non-derivatized - MassChrom MS/MS	64.5	33	56.8	9.2	41.6	77.0
20261005002	Non-derivatized - NeoBase 2 MS/MS	64.5	120	62.0	7.3	43.8	89.1
20261005002	Non-derivatized - NeoBase MS/MS	64.5	19	68.2	10.9	55.3	94.7

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005002	Non-derivatized - NeoMass AAAC 3.0	64.5	5	55.4	6.6	46.7	61.7
20261005002	Non-derivatized - NeoMass AAAC Plus	64.5	7	53.7	12.6	36.4	74.4
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	705.7	9	427.5	94.9	277.4	548.8
20261005003	Derivatized - MS/MS non-kit	705.7	36	496.7	109.8	236.6	742.1
20261005003	Derivatized - MassChrom MS/MS	705.7	12	433.1	110.9	196.7	560.0
20261005003	FIA-MS/MS non-derivatized, non-kit	705.7	13	537.2	147.6	301.0	885.0
20261005003	LC-MS/MS non-kit	705.7	16	563.1	100.2	424.9	837.0
20261005003	Non-derivatized - MassChrom MS/MS	705.7	33	532.5	78.8	388.2	678.4
20261005003	Non-derivatized - NeoBase 2 MS/MS	705.7	119	587.0	58.2	416.7	728.9
20261005003	Non-derivatized - NeoBase MS/MS	705.7	19	681.2	83.1	559.8	843.9
20261005003	Non-derivatized - NeoMass AAAC 3.0	705.7	5	600.1	57.7	507.5	662.2
20261005003	Non-derivatized - NeoMass AAAC Plus	705.7	7	495.3	121.6	263.2	634.4
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	64.9	9	68.3	27.6	42.6	133.9
20261005004	Derivatized - MS/MS non-kit	64.9	37	75.8	21.2	38.2	166.6
20261005004	Derivatized - MassChrom MS/MS	64.9	12	56.4	14.9	25.1	72.5
20261005004	FIA-MS/MS non-derivatized, non-kit	64.9	13	72.3	16.6	46.8	113.0
20261005004	LC-MS/MS non-kit	64.9	16	67.5	12.9	45.5	92.2
20261005004	Non-derivatized - MassChrom MS/MS	64.9	33	67.0	10.9	46.2	88.7
20261005004	Non-derivatized - NeoBase 2 MS/MS	64.9	120	75.3	9.6	54.0	118.0
20261005004	Non-derivatized - NeoBase MS/MS	64.9	17	79.0	7.2	65.3	87.6
20261005004	Non-derivatized - NeoMass AAAC 3.0	64.9	5	61.3	6.4	51.4	67.6
20261005004	Non-derivatized - NeoMass AAAC Plus	64.9	7	59.2	11.5	46.2	79.4
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	62.0	9	68.4	27.9	40.8	134.2
20261005005	Derivatized - MS/MS non-kit	62.0	36	64.1	16.2	23.5	116.8
20261005005	Derivatized - MassChrom MS/MS	62.0	12	46.8	12.7	21.0	65.7
20261005005	FIA-MS/MS non-derivatized, non-kit	62.0	13	61.4	14.1	40.8	96.0
20261005005	LC-MS/MS non-kit	62.0	16	56.5	9.1	42.9	69.8
20261005005	Non-derivatized - MassChrom MS/MS	62.0	32	56.1	9.5	41.0	75.3
20261005005	Non-derivatized - NeoBase 2 MS/MS	62.0	120	61.9	7.7	45.7	94.8
20261005005	Non-derivatized - NeoBase MS/MS	62.0	19	69.3	10.1	56.5	93.3
20261005005	Non-derivatized - NeoMass AAAC 3.0	62.0	5	55.3	5.0	50.4	61.0

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005005	Non-derivatized - NeoMass AAAC Plus	62.0	7	51.7	9.8	38.4	64.7

4.2. AAPT

4.2.1. ARG ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	10.6	9	10.0	4.2	5.6	20.0
20261005001	Derivatized - MS/MS non-kit	10.6	37	12.5	8.3	3.2	48.0
20261005001	Derivatized - MassChrom MS/MS	10.6	13	12.3	3.0	7.4	18.2
20261005001	FIA-MS/MS non-derivatized, non-kit	10.6	11	12.6	3.3	7.6	19.0
20261005001	LC-MS/MS non-kit	10.6	11	11.4	4.0	5.8	19.0
20261005001	Non-derivatized - MassChrom MS/MS	10.6	31	16.0	8.7	7.9	47.0
20261005001	Non-derivatized - NeoBase 2 MS/MS	10.6	120	10.5	1.8	5.6	19.2
20261005001	Non-derivatized - NeoBase MS/MS	10.6	11	10.2	1.7	8.0	13.3
20261005001	Non-derivatized - NeoMass AAAC 3.0	10.6	3	10.3	3.0	7.7	13.5
20261005001	Non-derivatized - NeoMass AAAC Plus	10.6	7	9.4	3.2	2.6	12.3
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	210.9	9	117.0	45.3	13.7	162.3
20261005002	Derivatized - MS/MS non-kit	210.9	37	137.5	59.8	4.6	301.6
20261005002	Derivatized - MassChrom MS/MS	210.9	13	180.6	26.3	141.6	227.0
20261005002	FIA-MS/MS non-derivatized, non-kit	210.9	11	169.2	69.4	66.0	349.0
20261005002	LC-MS/MS non-kit	210.9	11	186.1	55.3	130.6	323.0
20261005002	Non-derivatized - MassChrom MS/MS	210.9	31	214.7	71.0	46.0	417.0
20261005002	Non-derivatized - NeoBase 2 MS/MS	210.9	121	168.8	19.9	110.7	231.9
20261005002	Non-derivatized - NeoBase MS/MS	210.9	11	164.6	17.6	142.9	192.4
20261005002	Non-derivatized - NeoMass AAAC 3.0	210.9	3	154.2	38.1	115.9	192.0
20261005002	Non-derivatized - NeoMass AAAC Plus	210.9	7	171.5	39.4	118.0	241.7
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	6.6	9	12.1	4.3	6.7	20.7
20261005003	Derivatized - MS/MS non-kit	6.6	37	14.6	6.7	2.1	27.6
20261005003	Derivatized - MassChrom MS/MS	6.6	13	15.8	2.5	12.4	19.8
20261005003	FIA-MS/MS non-derivatized, non-kit	6.6	10	15.8	1.3	13.1	18.4
20261005003	LC-MS/MS non-kit	6.6	11	15.1	4.6	9.1	22.0
20261005003	Non-derivatized - MassChrom MS/MS	6.6	31	21.3	10.5	11.3	56.0

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005003	Non-derivatized - NeoBase 2 MS/MS	6.6	121	14.9	2.6	6.5	24.9
20261005003	Non-derivatized - NeoBase MS/MS	6.6	11	15.7	3.7	12.6	22.9
20261005003	Non-derivatized - NeoMass AAAC 3.0	6.6	3	12.4	3.5	9.5	16.3
20261005003	Non-derivatized - NeoMass AAAC Plus	6.6	7	12.6	4.7	3.1	18.1
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	12.1	9	10.0	3.6	5.5	17.3
20261005004	Derivatized - MS/MS non-kit	12.1	37	11.3	4.8	2.9	26.4
20261005004	Derivatized - MassChrom MS/MS	12.1	13	12.9	2.1	10.1	16.0
20261005004	FIA-MS/MS non-derivatized, non-kit	12.1	11	11.7	2.7	9.3	19.0
20261005004	LC-MS/MS non-kit	12.1	11	11.5	4.0	4.8	18.7
20261005004	Non-derivatized - MassChrom MS/MS	12.1	31	15.7	5.2	8.9	28.0
20261005004	Non-derivatized - NeoBase 2 MS/MS	12.1	121	11.5	2.0	7.3	20.0
20261005004	Non-derivatized - NeoBase MS/MS	12.1	11	10.9	1.8	7.9	13.5
20261005004	Non-derivatized - NeoMass AAAC 3.0	12.1	3	10.2	3.8	6.4	14.0
20261005004	Non-derivatized - NeoMass AAAC Plus	12.1	7	9.9	3.1	3.4	12.6
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	11.5	9	8.1	6.6	2.8	24.0
20261005005	Derivatized - MS/MS non-kit	11.5	36	6.4	3.1	2.2	16.5
20261005005	Derivatized - MassChrom MS/MS	11.5	13	6.5	1.5	3.6	9.1
20261005005	FIA-MS/MS non-derivatized, non-kit	11.5	11	6.3	1.5	4.3	9.0
20261005005	LC-MS/MS non-kit	11.5	11	5.9	2.6	2.5	11.0
20261005005	Non-derivatized - MassChrom MS/MS	11.5	29	8.1	3.2	4.0	16.0
20261005005	Non-derivatized - NeoBase 2 MS/MS	11.5	120	5.4	0.9	3.6	11.0
20261005005	Non-derivatized - NeoBase MS/MS	11.5	11	5.3	1.0	4.0	7.1
20261005005	Non-derivatized - NeoMass AAAC 3.0	11.5	3	4.7	2.7	2.4	7.7
20261005005	Non-derivatized - NeoMass AAAC Plus	11.5	7	5.1	3.1	0.0	10.5

4.2.2. CIT ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	215.7	9	185.2	72.7	14.1	250.0
20261005001	Derivatized - MS/MS non-kit	215.7	39	152.4	43.5	5.1	211.2
20261005001	Derivatized - MassChrom MS/MS	215.7	13	169.8	18.0	144.2	210.6
20261005001	FIA-MS/MS non-derivatized, non-kit	215.7	12	169.0	24.3	127.3	210.0

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	LC-MS/MS non-kit	215.7	14	191.1	48.9	147.9	336.0
20261005001	Non-derivatized - MassChrom MS/MS	215.7	33	169.8	25.6	91.7	240.3
20261005001	Non-derivatized - NeoBase 2 MS/MS	215.7	128	169.9	22.9	130.6	325.0
20261005001	Non-derivatized - NeoBase MS/MS	215.7	20	184.0	16.7	138.3	212.4
20261005001	Non-derivatized - NeoMass AAAC 3.0	215.7	3	122.4	11.2	112.9	134.8
20261005001	Non-derivatized - NeoMass AAAC Plus	215.7	7	153.2	25.8	123.9	195.4
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	14.3	9	23.6	13.5	14.5	56.0
20261005002	Derivatized - MS/MS non-kit	14.3	39	13.2	3.8	4.8	22.3
20261005002	Derivatized - MassChrom MS/MS	14.3	13	14.3	1.2	11.6	15.7
20261005002	FIA-MS/MS non-derivatized, non-kit	14.3	12	15.9	3.8	11.7	24.4
20261005002	LC-MS/MS non-kit	14.3	14	15.4	5.9	5.0	26.4
20261005002	Non-derivatized - MassChrom MS/MS	14.3	33	15.9	3.7	8.6	30.0
20261005002	Non-derivatized - NeoBase 2 MS/MS	14.3	128	16.0	2.6	10.6	29.8
20261005002	Non-derivatized - NeoBase MS/MS	14.3	20	17.0	3.0	11.0	23.5
20261005002	Non-derivatized - NeoMass AAAC 3.0	14.3	3	17.0	4.4	12.5	21.2
20261005002	Non-derivatized - NeoMass AAAC Plus	14.3	7	28.8	7.9	17.7	42.6
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	13.6	8	15.0	1.5	12.2	17.1
20261005003	Derivatized - MS/MS non-kit	13.6	39	13.2	3.7	4.1	21.2
20261005003	Derivatized - MassChrom MS/MS	13.6	13	13.9	2.3	11.2	20.0
20261005003	FIA-MS/MS non-derivatized, non-kit	13.6	12	13.0	2.0	9.2	16.4
20261005003	LC-MS/MS non-kit	13.6	14	13.5	3.5	5.9	19.2
20261005003	Non-derivatized - MassChrom MS/MS	13.6	33	14.5	4.6	6.3	33.9
20261005003	Non-derivatized - NeoBase 2 MS/MS	13.6	128	13.3	2.2	7.6	23.9
20261005003	Non-derivatized - NeoBase MS/MS	13.6	20	14.6	3.0	6.7	22.3
20261005003	Non-derivatized - NeoMass AAAC 3.0	13.6	3	8.6	1.9	6.4	9.9
20261005003	Non-derivatized - NeoMass AAAC Plus	13.6	7	11.6	2.6	8.4	16.4
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	14.4	9	17.6	6.9	12.8	35.2
20261005004	Derivatized - MS/MS non-kit	14.4	39	13.0	3.3	4.1	20.7
20261005004	Derivatized - MassChrom MS/MS	14.4	13	13.8	1.1	11.5	15.5
20261005004	FIA-MS/MS non-derivatized, non-kit	14.4	12	13.4	2.2	8.5	17.0
20261005004	LC-MS/MS non-kit	14.4	14	14.1	4.4	7.6	24.7

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005004	Non-derivatized - MassChrom MS/MS	14.4	33	13.8	2.5	6.7	18.0
20261005004	Non-derivatized - NeoBase 2 MS/MS	14.4	128	13.8	2.3	9.2	27.0
20261005004	Non-derivatized - NeoBase MS/MS	14.4	20	13.9	2.4	6.0	16.9
20261005004	Non-derivatized - NeoMass AAAC 3.0	14.4	3	8.6	2.0	6.7	10.7
20261005004	Non-derivatized - NeoMass AAAC Plus	14.4	7	12.3	1.4	10.6	14.0
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	13.5	8	15.6	2.3	12.7	20.1
20261005005	Derivatized - MS/MS non-kit	13.5	39	12.1	3.1	3.0	19.3
20261005005	Derivatized - MassChrom MS/MS	13.5	13	13.7	1.5	11.1	16.3
20261005005	FIA-MS/MS non-derivatized, non-kit	13.5	12	12.5	1.7	8.6	15.4
20261005005	LC-MS/MS non-kit	13.5	14	14.3	5.5	6.9	30.0
20261005005	Non-derivatized - MassChrom MS/MS	13.5	32	13.4	3.0	6.6	24.0
20261005005	Non-derivatized - NeoBase 2 MS/MS	13.5	128	12.9	1.7	8.4	21.2
20261005005	Non-derivatized - NeoBase MS/MS	13.5	20	13.5	1.7	9.2	15.3
20261005005	Non-derivatized - NeoMass AAAC 3.0	13.5	3	8.6	1.3	7.5	10.0
20261005005	Non-derivatized - NeoMass AAAC Plus	13.5	7	13.2	6.2	8.0	26.6

4.2.3. CRE ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Derivatized - MS/MS non-kit	411.8	9	444.6	94.8	357.8	652.0
20261005001	FIA-MS/MS non-derivatized, non-kit	411.8	3	360.3	39.1	334.7	405.3
20261005001	Non-derivatized - NeoBase 2 MS/MS	411.8	4	370.4	15.4	351.0	388.6
20261005002	Derivatized - MS/MS non-kit	413.7	9	430.2	66.1	346.0	515.9
20261005002	FIA-MS/MS non-derivatized, non-kit	413.7	3	371.5	38.1	327.6	395.9
20261005002	Non-derivatized - NeoBase 2 MS/MS	413.7	4	353.2	19.5	327.0	374.0
20261005003	Derivatized - MS/MS non-kit	414.4	9	447.2	90.0	334.0	614.8
20261005003	FIA-MS/MS non-derivatized, non-kit	414.4	3	343.0	31.1	307.1	362.0
20261005003	Non-derivatized - NeoBase 2 MS/MS	414.4	4	368.9	31.5	346.0	415.0
20261005004	Derivatized - MS/MS non-kit	452.3	9	482.5	79.3	402.7	648.8
20261005004	FIA-MS/MS non-derivatized, non-kit	452.3	3	387.2	43.6	336.8	412.7
20261005004	Non-derivatized - NeoBase 2 MS/MS	452.3	4	420.3	41.8	380.1	479.0
20261005005	Derivatized - MS/MS non-kit	439.9	9	455.4	106.5	340.0	675.4

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005005	FIA-MS/MS non-derivatized, non-kit	439.9	3	396.1	23.5	375.0	421.4
20261005005	Non-derivatized - NeoBase 2 MS/MS	439.9	4	363.1	20.1	339.3	388.0

4.2.4. GAMTr (unitless)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Derivatized - MS/MS non-kit	3.6	3	5.9	2.6	4.0	8.9
20261005001	GUAC x 1000 / CRE	3.6	13	3.5	1.2	2.0	5.7
20261005001	Non-derivatized - NeoBase 2 MS/MS	3.6	3	3.0	1.0	2.1	4.0
20261005002	Derivatized - MS/MS non-kit	3.5	3	6.2	2.5	4.6	9.1
20261005002	GUAC x 1000 / CRE	3.5	13	3.0	1.2	1.2	5.6
20261005002	Non-derivatized - NeoBase 2 MS/MS	3.5	3	2.9	1.1	2.2	4.1
20261005003	Derivatized - MS/MS non-kit	2.9	3	5.8	1.9	4.0	7.8
20261005003	GUAC x 1000 / CRE	2.9	13	4.1	2.1	2.3	9.7
20261005003	Non-derivatized - NeoBase 2 MS/MS	2.9	3	3.0	1.4	1.8	4.6
20261005004	Derivatized - MS/MS non-kit	3.4	3	5.5	2.1	4.2	7.9
20261005004	GUAC x 1000 / CRE	3.4	13	3.5	1.3	2.1	6.4
20261005004	Non-derivatized - NeoBase 2 MS/MS	3.4	3	3.3	1.3	1.9	4.4
20261005005	Derivatized - MS/MS non-kit	3.5	3	5.1	2.1	3.7	7.5
20261005005	GUAC x 1000 / CRE	3.5	13	3.2	1.2	1.7	5.6
20261005005	Non-derivatized - NeoBase 2 MS/MS	3.5	3	2.4	0.9	1.6	3.4

4.2.5. GUAC (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	0.8	3	0.7	0.4	0.41	1.12
20261A21002	LC-MS/MS non-kit	0.8	3	0.8	0.3	0.45	1.12
20261A21003	LC-MS/MS non-kit	0.8	3	0.7	0.5	0.39	1.27
20261A21004	LC-MS/MS non-kit	0.8	3	0.7	0.3	0.44	1.09
20261A21005	LC-MS/MS non-kit	10.8	3	7.9	2.2	5.96	10.23
20261005001	Derivatized - MS/MS non-kit	1.5	15	1.7	1.0	0.80	4.00
20261005001	FIA-MS/MS non-derivatized, non-kit	1.5	4	1.7	0.7	0.60	2.10
20261005001	LC-MS/MS non-kit	1.5	3	1.0	0.3	0.80	1.30
20261005001	Non-derivatized - NeoBase 2 MS/MS	1.5	8	1.5	0.7	0.90	3.20

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005002	Derivatized - MS/MS non-kit	1.5	15	1.6	1.1	0.50	4.00
20261005002	FIA-MS/MS non-derivatized, non-kit	1.5	4	1.4	0.6	0.50	1.90
20261005002	LC-MS/MS non-kit	1.5	3	0.8	0.2	0.70	1.00
20261005002	Non-derivatized - NeoBase 2 MS/MS	1.5	8	1.3	0.8	0.70	3.10
20261005003	Derivatized - MS/MS non-kit	1.2	15	2.1	0.9	0.80	4.00
20261005003	FIA-MS/MS non-derivatized, non-kit	1.2	4	1.4	0.6	0.70	2.10
20261005003	LC-MS/MS non-kit	1.2	3	0.9	0.2	0.80	1.10
20261005003	Non-derivatized - NeoBase 2 MS/MS	1.2	8	1.5	1.0	0.70	3.80
20261005004	Derivatized - MS/MS non-kit	1.5	15	1.8	1.0	0.90	4.00
20261005004	FIA-MS/MS non-derivatized, non-kit	1.5	4	1.5	0.7	0.60	2.00
20261005004	LC-MS/MS non-kit	1.5	3	1.0	0.3	0.80	1.30
20261005004	Non-derivatized - NeoBase 2 MS/MS	1.5	8	1.7	1.0	0.80	3.90
20261005005	Derivatized - MS/MS non-kit	1.5	15	1.6	0.9	0.60	4.00
20261005005	FIA-MS/MS non-derivatized, non-kit	1.5	4	1.4	0.6	0.60	2.00
20261005005	LC-MS/MS non-kit	1.5	3	0.8	0.2	0.70	1.00
20261005005	Non-derivatized - NeoBase 2 MS/MS	1.5	8	1.2	0.7	0.70	2.90

4.2.6. LEU (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	327.6	7	324.2	88.5	245.2	491.31
20261A21002	LC-MS/MS non-kit	57.6	7	66.9	16.1	49.7	95.49
20261A21003	LC-MS/MS non-kit	57.6	7	65.2	16.3	47.5	89.97
20261A21004	LC-MS/MS non-kit	57.6	7	68.0	16.7	46.4	96.68
20261A21005	LC-MS/MS non-kit	57.6	7	60.1	9.9	46.5	72.08
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	76.0	9	73.6	34.2	38.0	155.30
20261005001	Derivatized - MS/MS non-kit	76.0	38	74.5	21.1	45.4	151.90
20261005001	Derivatized - MassChrom MS/MS	76.0	12	60.8	9.0	46.3	79.50
20261005001	FIA-MS/MS non-derivatized, non-kit	76.0	13	83.1	18.1	51.6	116.90
20261005001	LC-MS/MS non-kit	76.0	16	83.1	29.5	42.0	161.50
20261005001	Non-derivatized - MassChrom MS/MS	76.0	44	78.1	13.0	54.2	120.90
20261005001	Non-derivatized - NeoBase 2 MS/MS	76.0	138	75.9	8.5	58.0	100.50

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Non-derivatized - NeoBase MS/MS	76.0	20	81.8	8.4	67.8	101.50
20261005001	Non-derivatized - NeoMass AAAC 3.0	76.0	5	81.9	11.4	71.3	100.20
20261005001	Non-derivatized - NeoMass AAAC Plus	76.0	7	69.0	17.6	49.8	99.70
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	75.9	8	55.8	11.7	36.2	71.90
20261005002	Derivatized - MS/MS non-kit	75.9	38	69.8	23.3	33.9	150.10
20261005002	Derivatized - MassChrom MS/MS	75.9	12	56.8	8.2	42.4	75.80
20261005002	FIA-MS/MS non-derivatized, non-kit	75.9	13	79.3	16.2	53.0	110.80
20261005002	LC-MS/MS non-kit	75.9	16	77.0	26.0	34.7	148.60
20261005002	Non-derivatized - MassChrom MS/MS	75.9	44	72.8	14.1	53.4	132.80
20261005002	Non-derivatized - NeoBase 2 MS/MS	75.9	140	71.6	9.2	51.0	126.80
20261005002	Non-derivatized - NeoBase MS/MS	75.9	20	75.9	6.4	66.8	87.50
20261005002	Non-derivatized - NeoMass AAAC 3.0	75.9	5	74.5	12.1	61.6	88.50
20261005002	Non-derivatized - NeoMass AAAC Plus	75.9	7	66.4	15.4	43.6	85.70
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	722.4	9	466.0	137.9	239.9	699.10
20261005003	Derivatized - MS/MS non-kit	722.4	37	555.0	98.6	298.4	731.10
20261005003	Derivatized - MassChrom MS/MS	722.4	12	483.6	66.7	369.3	578.40
20261005003	FIA-MS/MS non-derivatized, non-kit	722.4	13	538.2	108.1	349.7	739.00
20261005003	LC-MS/MS non-kit	722.4	16	598.2	151.6	454.2	1,128.00
20261005003	Non-derivatized - MassChrom MS/MS	722.4	44	565.7	83.0	441.0	967.50
20261005003	Non-derivatized - NeoBase 2 MS/MS	722.4	140	566.2	66.2	433.6	942.50
20261005003	Non-derivatized - NeoBase MS/MS	722.4	20	647.5	51.0	569.0	745.30
20261005003	Non-derivatized - NeoMass AAAC 3.0	722.4	5	604.5	131.4	489.4	768.50
20261005003	Non-derivatized - NeoMass AAAC Plus	722.4	7	536.9	99.9	365.4	649.50
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	78.7	8	62.8	19.8	40.4	102.80
20261005004	Derivatized - MS/MS non-kit	78.7	38	76.0	20.2	33.2	133.30
20261005004	Derivatized - MassChrom MS/MS	78.7	12	62.0	9.2	47.6	79.00
20261005004	FIA-MS/MS non-derivatized, non-kit	78.7	13	79.8	15.3	59.2	111.90
20261005004	LC-MS/MS non-kit	78.7	16	80.3	26.3	49.6	150.90
20261005004	Non-derivatized - MassChrom MS/MS	78.7	44	77.2	14.5	52.1	130.10
20261005004	Non-derivatized - NeoBase 2 MS/MS	78.7	140	77.1	10.4	56.8	126.00
20261005004	Non-derivatized - NeoBase MS/MS	78.7	20	84.2	12.1	70.0	112.80

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005004	Non-derivatized - NeoMass AAAC 3.0	78.7	5	75.0	9.7	64.9	86.70
20261005004	Non-derivatized - NeoMass AAAC Plus	78.7	7	67.7	11.0	48.6	82.80
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	71.9	9	66.6	34.7	36.7	149.90
20261005005	Derivatized - MS/MS non-kit	71.9	38	69.6	20.2	24.6	125.20
20261005005	Derivatized - MassChrom MS/MS	71.9	12	56.0	8.8	42.6	76.40
20261005005	FIA-MS/MS non-derivatized, non-kit	71.9	13	76.0	14.9	52.2	104.50
20261005005	LC-MS/MS non-kit	71.9	16	75.0	25.4	39.3	136.10
20261005005	Non-derivatized - MassChrom MS/MS	71.9	43	73.4	14.0	54.7	125.50
20261005005	Non-derivatized - NeoBase 2 MS/MS	71.9	140	71.8	9.5	51.4	124.30
20261005005	Non-derivatized - NeoBase MS/MS	71.9	20	76.8	6.4	66.2	87.10
20261005005	Non-derivatized - NeoMass AAAC 3.0	71.9	5	74.0	14.6	58.3	93.30
20261005005	Non-derivatized - NeoMass AAAC Plus	71.9	7	63.2	12.4	44.0	76.10

4.2.7. MET ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	7.3	9	10.5	4.8	5.5	18.7
20261005001	Derivatized - MS/MS non-kit	7.3	38	9.4	2.0	5.7	13.0
20261005001	Derivatized - MassChrom MS/MS	7.3	13	8.2	2.3	5.8	14.1
20261005001	FIA-MS/MS non-derivatized, non-kit	7.3	13	9.0	2.4	6.3	13.9
20261005001	LC-MS/MS non-kit	7.3	15	8.8	2.2	5.4	12.1
20261005001	Non-derivatized - MassChrom MS/MS	7.3	44	8.3	1.5	6.4	14.0
20261005001	Non-derivatized - NeoBase 2 MS/MS	7.3	140	7.0	1.1	4.9	12.0
20261005001	Non-derivatized - NeoBase MS/MS	7.3	19	7.9	1.5	5.8	12.6
20261005001	Non-derivatized - NeoMass AAAC 3.0	7.3	5	7.1	3.5	3.7	11.5
20261005001	Non-derivatized - NeoMass AAAC Plus	7.3	7	6.3	1.5	4.0	8.2
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	7.1	9	11.1	4.0	7.8	20.5
20261005002	Derivatized - MS/MS non-kit	7.1	38	9.4	1.9	4.2	13.1
20261005002	Derivatized - MassChrom MS/MS	7.1	13	8.7	2.1	6.1	13.8
20261005002	FIA-MS/MS non-derivatized, non-kit	7.1	13	8.6	2.6	5.7	14.7
20261005002	LC-MS/MS non-kit	7.1	15	9.1	2.2	5.2	12.1
20261005002	Non-derivatized - MassChrom MS/MS	7.1	44	8.1	1.4	5.6	11.6

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005002	Non-derivatized - NeoBase 2 MS/MS	7.1	140	6.8	1.1	4.0	9.9
20261005002	Non-derivatized - NeoBase MS/MS	7.1	19	7.6	1.0	6.0	10.0
20261005002	Non-derivatized - NeoMass AAAC 3.0	7.1	4	5.3	3.3	2.4	10.1
20261005002	Non-derivatized - NeoMass AAAC Plus	7.1	7	6.6	1.7	4.3	8.6
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	7.1	9	9.6	3.7	5.1	18.4
20261005003	Derivatized - MS/MS non-kit	7.1	38	10.0	2.0	5.3	14.2
20261005003	Derivatized - MassChrom MS/MS	7.1	13	8.8	2.8	6.1	17.1
20261005003	FIA-MS/MS non-derivatized, non-kit	7.1	13	8.8	2.2	6.6	14.1
20261005003	LC-MS/MS non-kit	7.1	15	9.3	2.1	5.6	12.4
20261005003	Non-derivatized - MassChrom MS/MS	7.1	44	8.6	1.6	6.0	14.0
20261005003	Non-derivatized - NeoBase 2 MS/MS	7.1	139	7.3	1.1	4.0	10.4
20261005003	Non-derivatized - NeoBase MS/MS	7.1	19	8.4	1.5	5.6	12.0
20261005003	Non-derivatized - NeoMass AAAC 3.0	7.1	5	7.8	4.4	3.9	13.1
20261005003	Non-derivatized - NeoMass AAAC Plus	7.1	7	7.3	1.5	5.2	9.2
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	7.6	9	9.7	3.1	7.1	17.4
20261005004	Derivatized - MS/MS non-kit	7.6	38	10.3	2.6	4.8	19.7
20261005004	Derivatized - MassChrom MS/MS	7.6	13	9.3	3.5	4.9	17.2
20261005004	FIA-MS/MS non-derivatized, non-kit	7.6	13	9.7	2.6	6.0	15.7
20261005004	LC-MS/MS non-kit	7.6	15	9.4	2.7	5.7	13.9
20261005004	Non-derivatized - MassChrom MS/MS	7.6	44	8.7	1.4	6.5	12.1
20261005004	Non-derivatized - NeoBase 2 MS/MS	7.6	140	7.8	1.4	5.4	13.2
20261005004	Non-derivatized - NeoBase MS/MS	7.6	19	8.5	1.3	6.3	11.0
20261005004	Non-derivatized - NeoMass AAAC 3.0	7.6	5	9.6	7.2	4.3	20.7
20261005004	Non-derivatized - NeoMass AAAC Plus	7.6	7	7.1	1.3	4.8	8.7
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	217.2	9	137.2	53.3	39.7	205.5
20261005005	Derivatized - MS/MS non-kit	217.2	39	160.4	39.2	4.9	245.9
20261005005	Derivatized - MassChrom MS/MS	217.2	13	143.7	25.8	110.7	204.2
20261005005	FIA-MS/MS non-derivatized, non-kit	217.2	13	157.4	25.2	92.6	202.0
20261005005	LC-MS/MS non-kit	217.2	15	192.0	52.7	125.4	324.0
20261005005	Non-derivatized - MassChrom MS/MS	217.2	43	155.2	21.3	108.0	208.7
20261005005	Non-derivatized - NeoBase 2 MS/MS	217.2	140	155.0	20.9	98.1	229.9

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005005	Non-derivatized - NeoBase MS/MS	217.2	19	171.4	17.4	132.6	199.0
20261005005	Non-derivatized - NeoMass AAAC 3.0	217.2	4	110.1	6.1	104.1	118.5
20261005005	Non-derivatized - NeoMass AAAC Plus	217.2	7	138.7	33.9	103.4	179.9

4.2.8. PHE (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	27.2	9	28.6	10.9	13.1	49.7
20261005001	Derivatized - MS/MS non-kit	27.2	40	29.5	5.4	20.1	45.1
20261005001	Derivatized - MassChrom MS/MS	27.2	13	27.3	4.4	19.8	36.7
20261005001	FIA-MS/MS non-derivatized, non-kit	27.2	15	30.6	5.8	23.0	47.7
20261005001	GSP Neonatal Phenylalanine - Phe	27.2	16	13.8	8.0	1.8	28.5
20261005001	IBL International PKU - Phe	27.2	4	31.2	24.1	0.6	57.6
20261005001	LC-MS/MS non-kit	27.2	19	32.7	11.3	21.2	72.0
20261005001	Labsystems Neonatal Phenylalanine - Phe	27.2	9	52.9	26.3	0.8	94.5
20261005001	NeoLISA PKU - Phe	27.2	3	43.1	21.0	26.3	66.6
20261005001	Non-derivatized - MassChrom MS/MS	27.2	44	32.8	3.6	25.0	40.0
20261005001	Non-derivatized - NeoBase 2 MS/MS	27.2	144	26.8	3.1	19.8	33.8
20261005001	Non-derivatized - NeoBase MS/MS	27.2	19	32.6	7.8	26.6	62.4
20261005001	Non-derivatized - NeoMass AAAC 3.0	27.2	5	24.9	6.3	18.8	33.1
20261005001	Non-derivatized - NeoMass AAAC Plus	27.2	7	22.4	6.1	16.3	34.7
20261005001	Revvity Neonatal Phenylalanine - Phe	27.2	12	33.9	12.2	4.2	51.0
20261005001	Trimaris Neonatal Phenylalanine - Phe	27.2	3	30.7	6.6	23.1	34.8
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	27.2	9	30.6	7.9	24.5	46.6
20261005002	Derivatized - MS/MS non-kit	27.2	41	29.9	6.0	16.8	45.2
20261005002	Derivatized - MassChrom MS/MS	27.2	13	25.8	5.3	13.2	32.9
20261005002	FIA-MS/MS non-derivatized, non-kit	27.2	15	30.7	5.9	22.0	47.7
20261005002	GSP Neonatal Phenylalanine - Phe	27.2	16	27.1	8.1	15.2	44.2
20261005002	IBL International PKU - Phe	27.2	4	26.7	19.4	0.6	46.7
20261005002	LC-MS/MS non-kit	27.2	19	32.3	9.8	23.0	67.0
20261005002	Labsystems Neonatal Phenylalanine - Phe	27.2	9	54.1	27.5	0.7	94.5
20261005002	NeoLISA PKU - Phe	27.2	3	33.0	14.3	20.2	48.5

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005002	Non-derivatized - MassChrom MS/MS	27.2	44	32.5	3.2	25.0	39.0
20261005002	Non-derivatized - NeoBase 2 MS/MS	27.2	145	27.0	3.1	18.6	33.9
20261005002	Non-derivatized - NeoBase MS/MS	27.2	18	30.8	3.0	24.9	35.7
20261005002	Non-derivatized - NeoMass AAAC 3.0	27.2	5	24.4	6.7	16.7	32.3
20261005002	Non-derivatized - NeoMass AAAC Plus	27.2	7	23.6	5.3	17.7	32.3
20261005002	Revvity Neonatal Phenylalanine - Phe	27.2	12	28.0	14.2	0.6	45.0
20261005002	Trimaris Neonatal Phenylalanine - Phe	27.2	3	26.6	4.4	21.7	30.3
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	27.0	9	26.8	6.0	20.5	41.4
20261005003	Derivatized - MS/MS non-kit	27.0	41	29.1	5.6	16.9	48.5
20261005003	Derivatized - MassChrom MS/MS	27.0	13	27.0	4.4	19.4	36.2
20261005003	FIA-MS/MS non-derivatized, non-kit	27.0	15	29.8	8.2	22.0	56.6
20261005003	GSP Neonatal Phenylalanine - Phe	27.0	16	18.4	8.1	5.2	36.3
20261005003	IBL International PKU - Phe	27.0	4	78.1	55.4	0.6	124.8
20261005003	LC-MS/MS non-kit	27.0	19	32.0	10.8	23.5	71.0
20261005003	Labsystems Neonatal Phenylalanine - Phe	27.0	9	94.0	46.8	0.7	156.9
20261005003	NeoLISA PKU - Phe	27.0	3	70.4	31.0	50.5	106.1
20261005003	Non-derivatized - MassChrom MS/MS	27.0	44	31.8	3.4	25.5	40.1
20261005003	Non-derivatized - NeoBase 2 MS/MS	27.0	145	26.1	3.0	14.6	33.0
20261005003	Non-derivatized - NeoBase MS/MS	27.0	19	32.5	6.8	24.0	56.7
20261005003	Non-derivatized - NeoMass AAAC 3.0	27.0	5	24.3	8.2	17.1	36.5
20261005003	Non-derivatized - NeoMass AAAC Plus	27.0	7	22.0	3.4	18.5	28.4
20261005003	Revvity Neonatal Phenylalanine - Phe	27.0	12	35.3	15.8	12.1	66.0
20261005003	Trimaris Neonatal Phenylalanine - Phe	27.0	3	124.5	51.3	68.7	169.6
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	286.7	9	201.8	65.6	93.0	313.8
20261005004	Derivatized - MS/MS non-kit	286.7	41	230.5	49.5	15.5	318.6
20261005004	Derivatized - MassChrom MS/MS	286.7	13	221.6	26.2	160.6	250.7
20261005004	FIA-MS/MS non-derivatized, non-kit	286.7	15	223.2	33.6	164.4	269.0
20261005004	GSP Neonatal Phenylalanine - Phe	286.7	16	211.9	24.4	164.3	261.5
20261005004	IBL International PKU - Phe	286.7	4	222.9	14.2	206.6	241.2
20261005004	LC-MS/MS non-kit	286.7	18	254.6	41.4	200.0	338.6
20261005004	Labsystems Neonatal Phenylalanine - Phe	286.7	9	223.9	87.1	4.1	287.1

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005004	NeoLISA PKU - Phe	286.7	3	158.9	52.5	107.1	212.1
20261005004	Non-derivatized - MassChrom MS/MS	286.7	44	262.5	28.3	187.0	310.4
20261005004	Non-derivatized - NeoBase 2 MS/MS	286.7	145	222.7	26.2	163.9	349.0
20261005004	Non-derivatized - NeoBase MS/MS	286.7	19	250.9	25.3	209.5	297.2
20261005004	Non-derivatized - NeoMass AAAC 3.0	286.7	5	206.6	58.4	149.4	280.2
20261005004	Non-derivatized - NeoMass AAAC Plus	286.7	7	203.6	33.3	161.6	244.4
20261005004	Revvity Neonatal Phenylalanine - Phe	286.7	12	210.6	30.3	129.5	256.1
20261005004	Trimaris Neonatal Phenylalanine - Phe	286.7	3	274.7	23.4	258.0	301.4
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	25.5	9	28.3	7.5	18.2	41.8
20261005005	Derivatized - MS/MS non-kit	25.5	41	29.7	6.4	11.8	43.7
20261005005	Derivatized - MassChrom MS/MS	25.5	13	28.5	5.5	20.0	39.6
20261005005	FIA-MS/MS non-derivatized, non-kit	25.5	15	31.6	7.1	25.0	51.9
20261005005	GSP Neonatal Phenylalanine - Phe	25.5	16	26.9	7.3	13.0	40.0
20261005005	IBL International PKU - Phe	25.5	3	46.7	11.1	35.5	57.6
20261005005	LC-MS/MS non-kit	25.5	19	32.2	9.1	23.9	63.0
20261005005	Labsystems Neonatal Phenylalanine - Phe	25.5	8	59.4	21.5	30.3	100.0
20261005005	NeoLISA PKU - Phe	25.5	3	56.6	37.1	24.2	97.0
20261005005	Non-derivatized - MassChrom MS/MS	25.5	43	33.2	3.8	25.0	42.0
20261005005	Non-derivatized - NeoBase 2 MS/MS	25.5	145	27.3	3.3	19.9	37.0
20261005005	Non-derivatized - NeoBase MS/MS	25.5	19	33.9	8.0	26.7	61.9
20261005005	Non-derivatized - NeoMass AAAC 3.0	25.5	5	22.5	4.3	16.9	27.9
20261005005	Non-derivatized - NeoMass AAAC Plus	25.5	7	21.9	3.9	18.4	29.4
20261005005	Revvity Neonatal Phenylalanine - Phe	25.5	12	37.5	23.4	7.5	90.7
20261005005	Trimaris Neonatal Phenylalanine - Phe	25.5	3	36.3	5.7	29.8	40.4

4.2.9. SUAC ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Derivatized - MS/MS non-kit	0.3	15	1.0	0.6	0.0	2.0
20261005001	Derivatized - MassChrom MS/MS	0.3	8	0.5	0.1	0.4	0.6
20261005001	FIA-MS/MS non-derivatized, non-kit	0.3	11	0.8	0.7	0.0	2.0
20261005001	LC-MS/MS non-kit	0.3	4	1.0	0.3	0.6	1.3

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Non-derivatized - MassChrom MS/MS	0.3	27	0.6	0.3	0.0	1.2
20261005001	Non-derivatized - NeoBase 2 MS/MS	0.3	106	0.2	0.2	0.0	1.2
20261005001	Non-derivatized - NeoBase MS/MS	0.3	18	0.6	0.4	0.1	1.2
20261005001	Non-derivatized - NeoMass AAAC 3.0	0.3	6	0.8	0.7	0.1	1.7
20261005002	Derivatized - MS/MS non-kit	0.3	15	1.1	0.9	0.0	3.5
20261005002	Derivatized - MassChrom MS/MS	0.3	8	0.4	0.1	0.3	0.6
20261005002	FIA-MS/MS non-derivatized, non-kit	0.3	11	0.8	0.7	0.0	2.0
20261005002	LC-MS/MS non-kit	0.3	4	0.8	0.2	0.6	1.0
20261005002	Non-derivatized - MassChrom MS/MS	0.3	27	0.6	0.3	0.0	1.2
20261005002	Non-derivatized - NeoBase 2 MS/MS	0.3	105	0.2	0.1	0.0	0.8
20261005002	Non-derivatized - NeoBase MS/MS	0.3	18	0.6	0.4	0.2	1.4
20261005002	Non-derivatized - NeoMass AAAC 3.0	0.3	6	1.0	0.7	0.1	1.9
20261005003	Derivatized - MS/MS non-kit	0.3	14	0.9	0.5	0.0	1.8
20261005003	Derivatized - MassChrom MS/MS	0.3	8	0.5	0.1	0.3	0.7
20261005003	FIA-MS/MS non-derivatized, non-kit	0.3	11	0.8	0.7	0.0	2.0
20261005003	LC-MS/MS non-kit	0.3	4	0.8	0.2	0.5	0.9
20261005003	Non-derivatized - MassChrom MS/MS	0.3	27	0.6	0.3	0.0	1.2
20261005003	Non-derivatized - NeoBase 2 MS/MS	0.3	105	0.2	0.1	0.0	0.7
20261005003	Non-derivatized - NeoBase MS/MS	0.3	18	0.6	0.4	0.2	1.2
20261005003	Non-derivatized - NeoMass AAAC 3.0	0.3	6	1.1	1.1	0.0	2.9
20261005004	Derivatized - MS/MS non-kit	0.3	14	0.9	0.5	0.0	2.0
20261005004	Derivatized - MassChrom MS/MS	0.3	8	0.5	0.1	0.3	0.7
20261005004	FIA-MS/MS non-derivatized, non-kit	0.3	11	0.8	0.7	0.0	2.0
20261005004	LC-MS/MS non-kit	0.3	4	0.9	0.3	0.5	1.2
20261005004	Non-derivatized - MassChrom MS/MS	0.3	27	0.7	0.3	0.0	1.5
20261005004	Non-derivatized - NeoBase 2 MS/MS	0.3	105	0.2	0.1	0.0	0.7
20261005004	Non-derivatized - NeoBase MS/MS	0.3	18	0.5	0.3	0.2	1.1
20261005004	Non-derivatized - NeoMass AAAC 3.0	0.3	6	1.4	0.8	0.4	2.5
20261005005	Derivatized - MS/MS non-kit	0.3	14	0.9	0.5	0.0	1.7
20261005005	Derivatized - MassChrom MS/MS	0.3	8	0.4	0.2	0.2	0.8
20261005005	FIA-MS/MS non-derivatized, non-kit	0.3	11	0.8	0.7	0.0	2.1

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005005	LC-MS/MS non-kit	0.3	4	0.8	0.2	0.5	1.0
20261005005	Non-derivatized - MassChrom MS/MS	0.3	27	0.7	0.3	0.0	1.2
20261005005	Non-derivatized - NeoBase 2 MS/MS	0.3	105	0.2	0.1	0.1	0.8
20261005005	Non-derivatized - NeoBase MS/MS	0.3	18	0.5	0.3	0.1	1.0
20261005005	Non-derivatized - NeoMass AAAC 3.0	0.3	6	1.0	0.9	0.0	2.5

4.2.10. TYR (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	29.0	8	31.8	7.9	22.4	45.0
20261005001	Derivatized - MS/MS non-kit	29.0	40	30.2	5.2	20.5	41.5
20261005001	Derivatized - MassChrom MS/MS	29.0	12	32.8	6.3	23.4	45.7
20261005001	FIA-MS/MS non-derivatized, non-kit	29.0	16	33.7	7.6	26.0	55.4
20261005001	LC-MS/MS non-kit	29.0	20	33.2	8.2	21.2	54.7
20261005001	Non-derivatized - MassChrom MS/MS	29.0	40	36.1	6.2	25.1	53.3
20261005001	Non-derivatized - NeoBase 2 MS/MS	29.0	141	31.2	4.7	18.2	52.0
20261005001	Non-derivatized - NeoBase MS/MS	29.0	20	35.4	4.8	28.9	46.8
20261005001	Non-derivatized - NeoMass AAAC 3.0	29.0	5	27.4	7.7	20.0	36.1
20261005001	Non-derivatized - NeoMass AAAC Plus	29.0	7	30.9	12.2	18.3	54.6
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	28.7	8	23.8	4.7	17.1	32.8
20261005002	Derivatized - MS/MS non-kit	28.7	40	25.4	4.8	15.2	38.1
20261005002	Derivatized - MassChrom MS/MS	28.7	12	26.5	4.1	18.6	30.5
20261005002	FIA-MS/MS non-derivatized, non-kit	28.7	16	28.0	8.8	18.0	50.5
20261005002	LC-MS/MS non-kit	28.7	20	27.1	5.6	19.2	38.7
20261005002	Non-derivatized - MassChrom MS/MS	28.7	40	30.2	5.6	19.9	50.5
20261005002	Non-derivatized - NeoBase 2 MS/MS	28.7	141	25.4	3.3	18.5	34.3
20261005002	Non-derivatized - NeoBase MS/MS	28.7	20	28.3	3.4	22.0	33.4
20261005002	Non-derivatized - NeoMass AAAC 3.0	28.7	5	20.9	2.6	18.1	24.1
20261005002	Non-derivatized - NeoMass AAAC Plus	28.7	7	24.6	8.9	18.0	42.3
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	24.1	8	25.6	4.8	16.7	33.8
20261005003	Derivatized - MS/MS non-kit	24.1	40	30.6	6.2	18.7	45.4
20261005003	Derivatized - MassChrom MS/MS	24.1	12	30.3	4.7	22.4	36.5

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005003	FIA-MS/MS non-derivatized, non-kit	24.1	16	31.3	8.3	20.0	54.1
20261005003	LC-MS/MS non-kit	24.1	20	31.2	6.6	20.0	46.0
20261005003	Non-derivatized - MassChrom MS/MS	24.1	40	34.8	6.6	22.9	55.5
20261005003	Non-derivatized - NeoBase 2 MS/MS	24.1	141	30.1	4.4	17.2	42.9
20261005003	Non-derivatized - NeoBase MS/MS	24.1	20	34.6	4.6	26.3	42.2
20261005003	Non-derivatized - NeoMass AAAC 3.0	24.1	5	25.9	6.5	20.4	36.9
20261005003	Non-derivatized - NeoMass AAAC Plus	24.1	7	26.1	6.9	16.9	35.0
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	29.4	8	27.6	5.0	23.6	37.7
20261005004	Derivatized - MS/MS non-kit	29.4	40	31.4	6.2	17.2	48.3
20261005004	Derivatized - MassChrom MS/MS	29.4	12	32.3	4.6	24.1	40.0
20261005004	FIA-MS/MS non-derivatized, non-kit	29.4	16	32.9	7.4	25.8	56.3
20261005004	LC-MS/MS non-kit	29.4	20	32.8	6.9	25.4	51.5
20261005004	Non-derivatized - MassChrom MS/MS	29.4	40	36.5	6.2	25.1	57.4
20261005004	Non-derivatized - NeoBase 2 MS/MS	29.4	141	31.7	4.4	23.0	46.0
20261005004	Non-derivatized - NeoBase MS/MS	29.4	20	34.7	5.3	24.0	43.1
20261005004	Non-derivatized - NeoMass AAAC 3.0	29.4	5	29.0	8.9	21.9	43.5
20261005004	Non-derivatized - NeoMass AAAC Plus	29.4	7	24.7	7.5	16.0	33.9
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	27.7	8	25.0	6.0	19.8	38.9
20261005005	Derivatized - MS/MS non-kit	27.7	40	26.0	5.4	10.0	39.9
20261005005	Derivatized - MassChrom MS/MS	27.7	12	26.7	4.3	19.3	32.3
20261005005	FIA-MS/MS non-derivatized, non-kit	27.7	16	27.6	7.3	20.0	49.3
20261005005	LC-MS/MS non-kit	27.7	20	27.5	6.5	17.6	45.0
20261005005	Non-derivatized - MassChrom MS/MS	27.7	40	29.9	6.6	10.3	51.1
20261005005	Non-derivatized - NeoBase 2 MS/MS	27.7	141	25.5	3.3	18.9	35.0
20261005005	Non-derivatized - NeoBase MS/MS	27.7	20	28.7	3.6	22.5	34.4
20261005005	Non-derivatized - NeoMass AAAC 3.0	27.7	5	20.9	3.1	18.3	24.5
20261005005	Non-derivatized - NeoMass AAAC Plus	27.7	7	20.8	3.0	16.0	25.0

4.2.11. VAL (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21001	LC-MS/MS non-kit	437.2	6	380.0	83.2	275.6	495.0

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A21002	LC-MS/MS non-kit	87.2	6	88.0	16.9	66.5	115.7
20261A21003	LC-MS/MS non-kit	87.2	6	87.1	18.9	64.1	114.5
20261A21004	LC-MS/MS non-kit	87.2	6	89.4	18.3	61.2	118.0
20261A21005	LC-MS/MS non-kit	87.2	6	84.2	12.9	61.8	100.5
20261005001	Derivatized - ClinSpot Complete LC-MS/MS	64.5	9	64.4	13.4	45.3	82.7
20261005001	Derivatized - MS/MS non-kit	64.5	37	73.5	15.5	45.2	118.5
20261005001	Derivatized - MassChrom MS/MS	64.5	12	54.6	13.9	25.0	73.4
20261005001	FIA-MS/MS non-derivatized, non-kit	64.5	13	73.5	14.2	52.7	103.0
20261005001	LC-MS/MS non-kit	64.5	16	69.5	11.0	51.5	91.0
20261005001	Non-derivatized - MassChrom MS/MS	64.5	33	66.5	12.6	46.5	96.4
20261005001	Non-derivatized - NeoBase 2 MS/MS	64.5	120	73.5	9.8	49.6	129.0
20261005001	Non-derivatized - NeoBase MS/MS	64.5	19	81.1	11.2	64.4	107.9
20261005001	Non-derivatized - NeoMass AAAC 3.0	64.5	5	68.9	6.4	62.0	78.5
20261005001	Non-derivatized - NeoMass AAAC Plus	64.5	7	63.6	14.9	46.1	91.7
20261005002	Derivatized - ClinSpot Complete LC-MS/MS	64.5	9	56.0	9.7	42.9	73.9
20261005002	Derivatized - MS/MS non-kit	64.5	37	64.8	20.5	23.6	133.1
20261005002	Derivatized - MassChrom MS/MS	64.5	12	48.3	13.5	20.7	65.5
20261005002	FIA-MS/MS non-derivatized, non-kit	64.5	13	62.7	17.5	41.9	102.0
20261005002	LC-MS/MS non-kit	64.5	16	58.2	8.6	41.7	70.6
20261005002	Non-derivatized - MassChrom MS/MS	64.5	33	56.8	9.2	41.6	77.0
20261005002	Non-derivatized - NeoBase 2 MS/MS	64.5	120	62.0	7.3	43.8	89.1
20261005002	Non-derivatized - NeoBase MS/MS	64.5	19	68.2	10.9	55.3	94.7
20261005002	Non-derivatized - NeoMass AAAC 3.0	64.5	5	55.4	6.6	46.7	61.7
20261005002	Non-derivatized - NeoMass AAAC Plus	64.5	7	53.7	12.6	36.4	74.4
20261005003	Derivatized - ClinSpot Complete LC-MS/MS	705.7	9	427.5	94.9	277.4	548.8
20261005003	Derivatized - MS/MS non-kit	705.7	36	496.7	109.8	236.6	742.1
20261005003	Derivatized - MassChrom MS/MS	705.7	12	433.1	110.9	196.7	560.0
20261005003	FIA-MS/MS non-derivatized, non-kit	705.7	13	537.2	147.6	301.0	885.0
20261005003	LC-MS/MS non-kit	705.7	16	563.1	100.2	424.9	837.0
20261005003	Non-derivatized - MassChrom MS/MS	705.7	33	532.5	78.8	388.2	678.4
20261005003	Non-derivatized - NeoBase 2 MS/MS	705.7	119	587.0	58.2	416.7	728.9

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261005003	Non-derivatized - NeoBase MS/MS	705.7	19	681.2	83.1	559.8	843.9
20261005003	Non-derivatized - NeoMass AAAC 3.0	705.7	5	600.1	57.7	507.5	662.2
20261005003	Non-derivatized - NeoMass AAAC Plus	705.7	7	495.3	121.6	263.2	634.4
20261005004	Derivatized - ClinSpot Complete LC-MS/MS	64.9	9	68.3	27.6	42.6	133.9
20261005004	Derivatized - MS/MS non-kit	64.9	37	75.8	21.2	38.2	166.6
20261005004	Derivatized - MassChrom MS/MS	64.9	12	56.4	14.9	25.1	72.5
20261005004	FIA-MS/MS non-derivatized, non-kit	64.9	13	72.3	16.6	46.8	113.0
20261005004	LC-MS/MS non-kit	64.9	16	67.5	12.9	45.5	92.2
20261005004	Non-derivatized - MassChrom MS/MS	64.9	33	67.0	10.9	46.2	88.7
20261005004	Non-derivatized - NeoBase 2 MS/MS	64.9	120	75.3	9.6	54.0	118.0
20261005004	Non-derivatized - NeoBase MS/MS	64.9	17	79.0	7.2	65.3	87.6
20261005004	Non-derivatized - NeoMass AAAC 3.0	64.9	5	61.3	6.4	51.4	67.6
20261005004	Non-derivatized - NeoMass AAAC Plus	64.9	7	59.2	11.5	46.2	79.4
20261005005	Derivatized - ClinSpot Complete LC-MS/MS	62.0	9	68.4	27.9	40.8	134.2
20261005005	Derivatized - MS/MS non-kit	62.0	36	64.1	16.2	23.5	116.8
20261005005	Derivatized - MassChrom MS/MS	62.0	12	46.8	12.7	21.0	65.7
20261005005	FIA-MS/MS non-derivatized, non-kit	62.0	13	61.4	14.1	40.8	96.0
20261005005	LC-MS/MS non-kit	62.0	16	56.5	9.1	42.9	69.8
20261005005	Non-derivatized - MassChrom MS/MS	62.0	32	56.1	9.5	41.0	75.3
20261005005	Non-derivatized - NeoBase 2 MS/MS	62.0	120	61.9	7.7	45.7	94.8
20261005005	Non-derivatized - NeoBase MS/MS	62.0	19	69.3	10.1	56.5	93.3
20261005005	Non-derivatized - NeoMass AAAC 3.0	62.0	5	55.3	5.0	50.4	61.0
20261005005	Non-derivatized - NeoMass AAAC Plus	62.0	7	51.7	9.8	38.4	64.7

4.3. ACPT

4.3.1. CO(L) ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	30.99	9	33.50	4.87	28.17	42.86
20261006001	Derivatized - MS/MS non-kit	30.99	53	31.25	5.97	14.80	46.00
20261006001	Derivatized - MassChrom MS/MS	30.99	14	26.71	5.07	15.53	34.99
20261006001	FIA-MS/MS non-derivatized, non-kit	30.99	12	29.02	7.02	18.14	42.00

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	LC-MS/MS non-kit	30.99	12	28.26	5.58	18.84	40.23
20261006001	Non-derivatized - MassChrom MS/MS	30.99	44	30.84	4.11	20.77	38.98
20261006001	Non-derivatized - NeoBase 2 MS/MS	30.99	130	29.74	4.12	19.90	44.64
20261006001	Non-derivatized - NeoBase MS/MS	30.99	19	31.91	4.75	25.20	40.56
20261006001	Non-derivatized - NeoMass AAAC 3.0	30.99	6	19.29	5.99	14.29	29.52
20261006001	Non-derivatized - NeoMass AAAC Plus	30.99	6	24.34	7.77	13.46	36.31
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	30.17	9	33.29	6.16	25.25	45.38
20261006002	Derivatized - MS/MS non-kit	30.17	53	31.84	6.10	15.50	47.77
20261006002	Derivatized - MassChrom MS/MS	30.17	14	28.21	5.30	16.99	39.32
20261006002	FIA-MS/MS non-derivatized, non-kit	30.17	12	30.37	6.47	22.65	44.20
20261006002	LC-MS/MS non-kit	30.17	13	31.84	12.97	19.35	71.00
20261006002	Non-derivatized - MassChrom MS/MS	30.17	44	31.86	4.28	23.00	39.89
20261006002	Non-derivatized - NeoBase 2 MS/MS	30.17	130	31.27	4.12	20.50	43.76
20261006002	Non-derivatized - NeoBase MS/MS	30.17	19	32.80	4.34	25.88	40.83
20261006002	Non-derivatized - NeoMass AAAC 3.0	30.17	6	21.26	4.66	16.01	28.67
20261006002	Non-derivatized - NeoMass AAAC Plus	30.17	6	27.14	9.48	15.67	43.60
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	30.16	9	34.85	4.55	27.27	44.22
20261006003	Derivatized - MS/MS non-kit	30.16	53	33.43	6.49	12.30	50.30
20261006003	Derivatized - MassChrom MS/MS	30.16	14	28.88	4.56	18.32	36.40
20261006003	FIA-MS/MS non-derivatized, non-kit	30.16	12	31.12	6.81	21.23	46.10
20261006003	LC-MS/MS non-kit	30.16	13	33.09	14.03	20.60	76.00
20261006003	Non-derivatized - MassChrom MS/MS	30.16	44	33.27	4.72	21.64	40.72
20261006003	Non-derivatized - NeoBase 2 MS/MS	30.16	130	32.96	4.67	23.28	56.14
20261006003	Non-derivatized - NeoBase MS/MS	30.16	19	35.40	3.91	30.18	43.15
20261006003	Non-derivatized - NeoMass AAAC 3.0	30.16	6	22.46	4.88	16.95	31.51
20261006003	Non-derivatized - NeoMass AAAC Plus	30.16	6	27.40	9.84	16.13	42.63
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	29.93	9	38.91	6.30	28.38	48.79
20261006004	Derivatized - MS/MS non-kit	29.93	53	35.84	8.29	3.29	54.29
20261006004	Derivatized - MassChrom MS/MS	29.93	14	32.09	6.93	17.37	44.21
20261006004	FIA-MS/MS non-derivatized, non-kit	29.93	12	36.52	10.27	26.01	61.80
20261006004	LC-MS/MS non-kit	29.93	13	37.29	14.43	21.82	78.00

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Non-derivatized - MassChrom MS/MS	29.93	44	37.30	5.52	22.74	46.95
20261006004	Non-derivatized - NeoBase 2 MS/MS	29.93	130	36.85	5.02	24.58	55.02
20261006004	Non-derivatized - NeoBase MS/MS	29.93	19	39.19	4.83	29.20	48.53
20261006004	Non-derivatized - NeoMass AAAC 3.0	29.93	6	22.66	5.56	16.89	32.71
20261006004	Non-derivatized - NeoMass AAAC Plus	29.93	6	29.81	9.11	21.47	46.33
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	4.95	8	5.04	0.63	4.30	6.32
20261006005	Derivatized - MS/MS non-kit	4.95	52	5.85	1.77	2.97	14.70
20261006005	Derivatized - MassChrom MS/MS	4.95	14	4.91	0.92	2.90	6.49
20261006005	FIA-MS/MS non-derivatized, non-kit	4.95	12	5.41	1.40	3.20	8.70
20261006005	LC-MS/MS non-kit	4.95	13	5.35	1.86	2.81	10.00
20261006005	Non-derivatized - MassChrom MS/MS	4.95	43	6.23	1.67	3.34	11.70
20261006005	Non-derivatized - NeoBase 2 MS/MS	4.95	129	5.50	0.79	3.46	8.11
20261006005	Non-derivatized - NeoBase MS/MS	4.95	19	6.01	1.14	4.71	8.57
20261006005	Non-derivatized - NeoMass AAAC 3.0	4.95	6	3.41	0.84	2.58	4.76
20261006005	Non-derivatized - NeoMass AAAC Plus	4.95	6	5.05	2.75	0.67	8.52

4.3.2. C2(L) (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	23.08	9	20.40	4.40	15.50	29.21
20261006001	Derivatized - MS/MS non-kit	23.08	43	17.50	4.41	2.24	27.70
20261006001	Derivatized - MassChrom MS/MS	23.08	13	15.67	3.57	11.09	24.18
20261006001	FIA-MS/MS non-derivatized, non-kit	23.08	12	18.84	4.67	14.39	29.80
20261006001	LC-MS/MS non-kit	23.08	9	17.75	2.96	13.20	24.02
20261006001	Non-derivatized - MassChrom MS/MS	23.08	38	15.26	2.46	10.00	23.04
20261006001	Non-derivatized - NeoBase 2 MS/MS	23.08	95	15.12	1.70	11.90	20.00
20261006001	Non-derivatized - NeoBase MS/MS	23.08	16	16.46	1.73	13.30	19.32
20261006001	Non-derivatized - NeoMass AAAC 3.0	23.08	6	13.20	4.35	9.32	20.70
20261006001	Non-derivatized - NeoMass AAAC Plus	23.08	5	12.03	3.70	9.14	18.00
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	24.42	9	24.81	4.56	19.60	33.69
20261006002	Derivatized - MS/MS non-kit	24.42	43	20.75	5.39	2.16	32.70
20261006002	Derivatized - MassChrom MS/MS	24.42	13	18.82	4.12	12.01	28.85

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006002	FIA-MS/MS non-derivatized, non-kit	24.42	12	22.02	5.43	16.28	34.90
20261006002	LC-MS/MS non-kit	24.42	9	19.99	3.65	14.97	26.21
20261006002	Non-derivatized - MassChrom MS/MS	24.42	37	18.09	2.38	12.32	26.44
20261006002	Non-derivatized - NeoBase 2 MS/MS	24.42	95	17.75	1.85	13.50	23.60
20261006002	Non-derivatized - NeoBase MS/MS	24.42	16	18.94	1.94	16.07	24.10
20261006002	Non-derivatized - NeoMass AAAC 3.0	24.42	6	16.30	5.51	11.82	26.70
20261006002	Non-derivatized - NeoMass AAAC Plus	24.42	5	13.70	2.63	11.03	17.62
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	24.49	9	23.84	4.01	17.43	30.41
20261006003	Derivatized - MS/MS non-kit	24.49	43	20.81	5.54	2.32	32.90
20261006003	Derivatized - MassChrom MS/MS	24.49	13	19.03	4.19	12.47	26.50
20261006003	FIA-MS/MS non-derivatized, non-kit	24.49	12	22.04	4.71	17.40	34.20
20261006003	LC-MS/MS non-kit	24.49	9	20.34	3.83	15.39	28.33
20261006003	Non-derivatized - MassChrom MS/MS	24.49	38	18.11	2.47	12.90	24.65
20261006003	Non-derivatized - NeoBase 2 MS/MS	24.49	95	18.17	1.98	14.16	27.94
20261006003	Non-derivatized - NeoBase MS/MS	24.49	16	19.69	1.95	16.62	24.56
20261006003	Non-derivatized - NeoMass AAAC 3.0	24.49	6	15.90	3.61	12.31	22.20
20261006003	Non-derivatized - NeoMass AAAC Plus	24.49	5	12.47	1.74	10.30	14.11
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	24.48	9	24.72	5.99	12.54	33.46
20261006004	Derivatized - MS/MS non-kit	24.48	42	20.81	4.97	3.17	32.63
20261006004	Derivatized - MassChrom MS/MS	24.48	13	19.00	4.27	14.03	26.24
20261006004	FIA-MS/MS non-derivatized, non-kit	24.48	12	22.81	5.37	16.81	34.74
20261006004	LC-MS/MS non-kit	24.48	9	21.52	3.27	15.70	27.68
20261006004	Non-derivatized - MassChrom MS/MS	24.48	38	18.02	2.54	12.74	25.49
20261006004	Non-derivatized - NeoBase 2 MS/MS	24.48	95	18.19	2.10	14.30	24.11
20261006004	Non-derivatized - NeoBase MS/MS	24.48	16	19.55	1.93	15.78	22.72
20261006004	Non-derivatized - NeoMass AAAC 3.0	24.48	6	15.12	3.97	11.45	21.80
20261006004	Non-derivatized - NeoMass AAAC Plus	24.48	5	12.04	2.27	9.27	14.41
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	1.83	9	2.24	0.83	1.26	4.00
20261006005	Derivatized - MS/MS non-kit	1.83	43	2.65	0.76	1.29	4.81
20261006005	Derivatized - MassChrom MS/MS	1.83	13	2.40	0.87	1.35	4.04
20261006005	FIA-MS/MS non-derivatized, non-kit	1.83	12	1.56	0.36	1.14	2.43

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006005	LC-MS/MS non-kit	1.83	10	1.48	0.58	1.00	3.00
20261006005	Non-derivatized - MassChrom MS/MS	1.83	38	1.23	0.24	0.40	1.94
20261006005	Non-derivatized - NeoBase 2 MS/MS	1.83	95	1.23	0.19	0.35	1.85
20261006005	Non-derivatized - NeoBase MS/MS	1.83	16	1.41	0.28	1.04	2.04
20261006005	Non-derivatized - NeoMass AAAC 3.0	1.83	6	1.03	0.22	0.80	1.43
20261006005	Non-derivatized - NeoMass AAAC Plus	1.83	5	0.97	0.12	0.80	1.09

4.3.3. C3 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	12.32	9	11.83	4.57	6.04	20.51
20261006001	Derivatized - MS/MS non-kit	12.32	53	9.43	2.75	0.36	17.78
20261006001	Derivatized - MassChrom MS/MS	12.32	15	8.38	0.87	6.60	10.20
20261006001	FIA-MS/MS non-derivatized, non-kit	12.32	12	10.15	1.92	7.76	13.95
20261006001	LC-MS/MS non-kit	12.32	13	12.13	3.64	8.33	23.10
20261006001	Non-derivatized - MassChrom MS/MS	12.32	41	8.93	1.24	5.60	11.95
20261006001	Non-derivatized - NeoBase 2 MS/MS	12.32	130	11.02	1.70	0.61	15.28
20261006001	Non-derivatized - NeoBase MS/MS	12.32	19	9.72	1.19	7.40	11.51
20261006001	Non-derivatized - NeoMass AAAC 3.0	12.32	6	8.24	1.58	6.33	10.50
20261006001	Non-derivatized - NeoMass AAAC Plus	12.32	6	8.32	1.95	6.08	10.60
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.38	8	0.41	0.16	0.26	0.76
20261006002	Derivatized - MS/MS non-kit	0.38	52	0.37	0.12	0.24	0.76
20261006002	Derivatized - MassChrom MS/MS	0.38	15	0.32	0.08	0.14	0.45
20261006002	FIA-MS/MS non-derivatized, non-kit	0.38	12	0.32	0.07	0.24	0.45
20261006002	LC-MS/MS non-kit	0.38	12	0.36	0.06	0.26	0.47
20261006002	Non-derivatized - MassChrom MS/MS	0.38	41	0.29	0.04	0.20	0.37
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.38	130	0.36	0.07	0.22	0.75
20261006002	Non-derivatized - NeoBase MS/MS	0.38	19	0.35	0.09	0.29	0.58
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.38	6	0.25	0.07	0.19	0.34
20261006002	Non-derivatized - NeoMass AAAC Plus	0.38	6	0.27	0.09	0.18	0.42
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.36	8	0.46	0.11	0.31	0.62
20261006003	Derivatized - MS/MS non-kit	0.36	53	0.39	0.16	0.20	1.02

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006003	Derivatized - MassChrom MS/MS	0.36	15	0.31	0.07	0.19	0.48
20261006003	FIA-MS/MS non-derivatized, non-kit	0.36	12	0.31	0.06	0.21	0.42
20261006003	LC-MS/MS non-kit	0.36	12	0.34	0.05	0.25	0.43
20261006003	Non-derivatized - MassChrom MS/MS	0.36	41	0.29	0.05	0.10	0.40
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.36	129	0.35	0.05	0.24	0.63
20261006003	Non-derivatized - NeoBase MS/MS	0.36	19	0.32	0.04	0.25	0.41
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.36	6	0.25	0.06	0.17	0.32
20261006003	Non-derivatized - NeoMass AAAC Plus	0.36	6	0.26	0.08	0.16	0.39
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.36	8	0.48	0.31	0.28	1.19
20261006004	Derivatized - MS/MS non-kit	0.36	53	0.39	0.15	0.23	0.89
20261006004	Derivatized - MassChrom MS/MS	0.36	15	0.31	0.08	0.20	0.53
20261006004	FIA-MS/MS non-derivatized, non-kit	0.36	12	0.33	0.07	0.22	0.42
20261006004	LC-MS/MS non-kit	0.36	12	0.35	0.06	0.22	0.45
20261006004	Non-derivatized - MassChrom MS/MS	0.36	41	0.29	0.03	0.23	0.37
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.36	129	0.36	0.06	0.23	0.66
20261006004	Non-derivatized - NeoBase MS/MS	0.36	19	0.29	0.04	0.22	0.37
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.36	6	0.26	0.06	0.16	0.33
20261006004	Non-derivatized - NeoMass AAAC Plus	0.36	6	0.26	0.08	0.15	0.38
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.40	8	0.60	0.54	0.22	1.91
20261006005	Derivatized - MS/MS non-kit	0.40	51	0.41	0.14	0.26	0.88
20261006005	Derivatized - MassChrom MS/MS	0.40	15	0.35	0.06	0.24	0.46
20261006005	FIA-MS/MS non-derivatized, non-kit	0.40	12	0.39	0.09	0.28	0.57
20261006005	LC-MS/MS non-kit	0.40	13	0.41	0.09	0.25	0.58
20261006005	Non-derivatized - MassChrom MS/MS	0.40	41	0.33	0.06	0.21	0.49
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.40	130	0.40	0.08	0.27	0.88
20261006005	Non-derivatized - NeoBase MS/MS	0.40	19	0.35	0.04	0.30	0.41
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.40	6	0.26	0.05	0.19	0.32
20261006005	Non-derivatized - NeoMass AAAC Plus	0.40	6	0.35	0.13	0.17	0.53

4.3.4. C3DC (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.03	5	0.05	0.06	0.01	0.15
20261006001	Derivatized - MS/MS non-kit	0.03	50	0.02	0.02	0.00	0.12
20261006001	Derivatized - MassChrom MS/MS	0.03	12	0.04	0.03	0.00	0.11
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.03	5	0.06	0.07	0.01	0.17
20261006002	Derivatized - MS/MS non-kit	0.03	50	0.02	0.02	0.00	0.12
20261006002	Derivatized - MassChrom MS/MS	0.03	12	0.04	0.04	0.00	0.14
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.03	5	0.05	0.06	0.01	0.15
20261006003	Derivatized - MS/MS non-kit	0.03	49	0.03	0.03	0.00	0.13
20261006003	Derivatized - MassChrom MS/MS	0.03	13	0.05	0.05	0.00	0.15
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	15.03	5	6.63	6.10	0.33	14.60
20261006004	Derivatized - MS/MS non-kit	15.03	50	6.06	3.13	0.02	17.44
20261006004	Derivatized - MassChrom MS/MS	15.03	13	10.27	5.94	3.46	21.80
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.03	5	0.07	0.07	0.01	0.19
20261006005	Derivatized - MS/MS non-kit	0.03	48	0.03	0.03	0.00	0.16
20261006005	Derivatized - MassChrom MS/MS	0.03	13	0.05	0.04	0.00	0.14

4.3.5. C3DC+C4OH (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.04	0.03	0.01	0.12
20261006001	LC-MS/MS non-kit	0.03	4	0.03	0.02	0.01	0.06
20261006001	Non-derivatized - MassChrom MS/MS	0.03	15	0.03	0.02	0.00	0.07
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.03	101	0.02	0.01	0.01	0.07
20261006001	Non-derivatized - NeoBase MS/MS	0.03	7	0.02	0.00	0.02	0.03
20261006001	Non-derivatized - NeoMass AAAC Plus	0.03	7	0.06	0.09	0.01	0.26
20261006002	FIA-MS/MS non-derivatized, non-kit	0.04	12	0.05	0.04	0.02	0.16
20261006002	LC-MS/MS non-kit	0.04	4	0.05	0.02	0.02	0.07
20261006002	Non-derivatized - MassChrom MS/MS	0.04	15	0.03	0.02	0.01	0.07
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.04	100	0.03	0.01	0.01	0.06
20261006002	Non-derivatized - NeoBase MS/MS	0.04	7	0.03	0.01	0.02	0.04
20261006002	Non-derivatized - NeoMass AAAC Plus	0.04	7	0.03	0.02	0.01	0.07
20261006003	FIA-MS/MS non-derivatized, non-kit	0.04	12	0.06	0.05	0.01	0.20

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006003	LC-MS/MS non-kit	0.04	4	0.06	0.03	0.02	0.08
20261006003	Non-derivatized - MassChrom MS/MS	0.04	15	0.03	0.02	0.00	0.08
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.04	101	0.03	0.01	0.01	0.07
20261006003	Non-derivatized - NeoBase MS/MS	0.04	7	0.03	0.01	0.02	0.03
20261006003	Non-derivatized - NeoMass AAAC Plus	0.04	7	0.03	0.01	0.01	0.05
20261006004	FIA-MS/MS non-derivatized, non-kit	15.05	12	2.34	1.68	0.49	6.01
20261006004	LC-MS/MS non-kit	15.05	4	2.69	1.15	1.00	3.54
20261006004	Non-derivatized - MassChrom MS/MS	15.05	15	1.59	0.90	0.18	3.65
20261006004	Non-derivatized - NeoBase 2 MS/MS	15.05	101	2.73	0.84	0.08	4.20
20261006004	Non-derivatized - NeoBase MS/MS	15.05	7	1.75	0.16	1.59	1.99
20261006004	Non-derivatized - NeoMass AAAC Plus	15.05	7	1.77	1.55	0.51	5.09
20261006005	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.02	0.01	0.08
20261006005	LC-MS/MS non-kit	0.03	4	0.02	0.01	0.01	0.03
20261006005	Non-derivatized - MassChrom MS/MS	0.03	15	0.03	0.03	0.00	0.09
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.03	99	0.02	0.01	0.01	0.06
20261006005	Non-derivatized - NeoBase MS/MS	0.03	7	0.03	0.02	0.01	0.06
20261006005	Non-derivatized - NeoMass AAAC Plus	0.03	7	0.02	0.01	0.01	0.05

4.3.6. C4 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.03	8	0.10	0.12	0.02	0.30
20261006001	Derivatized - MS/MS non-kit	0.03	48	0.04	0.02	0.00	0.15
20261006001	Derivatized - MassChrom MS/MS	0.03	15	0.05	0.04	0.01	0.16
20261006001	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.02	0.02	0.08
20261006001	LC-MS/MS non-kit	0.03	11	0.04	0.04	0.01	0.15
20261006001	Non-derivatized - MassChrom MS/MS	0.03	31	0.03	0.01	0.01	0.09
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.03	119	0.03	0.01	0.01	0.08
20261006001	Non-derivatized - NeoBase MS/MS	0.03	17	0.05	0.02	0.02	0.08
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.02	0.01	0.01	0.03
20261006001	Non-derivatized - NeoMass AAAC Plus	0.03	5	0.07	0.10	0.01	0.25
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.06	7	0.06	0.02	0.04	0.10

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006002	Derivatized - MS/MS non-kit	0.06	49	0.06	0.03	0.02	0.16
20261006002	Derivatized - MassChrom MS/MS	0.06	15	0.06	0.02	0.04	0.12
20261006002	FIA-MS/MS non-derivatized, non-kit	0.06	12	0.05	0.02	0.03	0.08
20261006002	LC-MS/MS non-kit	0.06	11	0.07	0.05	0.01	0.19
20261006002	Non-derivatized - MassChrom MS/MS	0.06	32	0.05	0.02	0.03	0.15
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.06	119	0.05	0.01	0.03	0.16
20261006002	Non-derivatized - NeoBase MS/MS	0.06	17	0.07	0.02	0.04	0.12
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.06	6	0.04	0.01	0.03	0.05
20261006002	Non-derivatized - NeoMass AAAC Plus	0.06	6	0.08	0.06	0.03	0.17
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.06	8	0.08	0.03	0.05	0.15
20261006003	Derivatized - MS/MS non-kit	0.06	51	0.10	0.05	0.04	0.23
20261006003	Derivatized - MassChrom MS/MS	0.06	15	0.10	0.05	0.05	0.23
20261006003	FIA-MS/MS non-derivatized, non-kit	0.06	12	0.05	0.01	0.04	0.09
20261006003	LC-MS/MS non-kit	0.06	12	0.07	0.03	0.01	0.14
20261006003	Non-derivatized - MassChrom MS/MS	0.06	32	0.05	0.03	0.01	0.16
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.06	118	0.05	0.01	0.03	0.10
20261006003	Non-derivatized - NeoBase MS/MS	0.06	17	0.07	0.02	0.04	0.11
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.06	6	0.05	0.01	0.04	0.06
20261006003	Non-derivatized - NeoMass AAAC Plus	0.06	4	0.04	0.01	0.04	0.05
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.05	7	0.07	0.04	0.05	0.15
20261006004	Derivatized - MS/MS non-kit	0.05	49	0.06	0.02	0.02	0.17
20261006004	Derivatized - MassChrom MS/MS	0.05	14	0.05	0.02	0.02	0.09
20261006004	FIA-MS/MS non-derivatized, non-kit	0.05	12	0.05	0.01	0.04	0.09
20261006004	LC-MS/MS non-kit	0.05	12	0.06	0.03	0.01	0.10
20261006004	Non-derivatized - MassChrom MS/MS	0.05	32	0.05	0.03	0.01	0.16
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.05	118	0.05	0.01	0.03	0.11
20261006004	Non-derivatized - NeoBase MS/MS	0.05	17	0.07	0.02	0.04	0.12
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.05	6	0.05	0.02	0.02	0.07
20261006004	Non-derivatized - NeoMass AAAC Plus	0.05	6	0.07	0.05	0.03	0.14
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.03	7	0.04	0.04	0.01	0.12
20261006005	Derivatized - MS/MS non-kit	0.03	51	0.04	0.03	0.01	0.15

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006005	Derivatized - MassChrom MS/MS	0.03	15	0.03	0.02	0.01	0.09
20261006005	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.02	0.01	0.09
20261006005	LC-MS/MS non-kit	0.03	12	0.04	0.05	0.00	0.19
20261006005	Non-derivatized - MassChrom MS/MS	0.03	30	0.02	0.02	0.01	0.11
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.03	117	0.02	0.01	0.01	0.06
20261006005	Non-derivatized - NeoBase MS/MS	0.03	17	0.04	0.02	0.02	0.08
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.02	0.01	0.01	0.03
20261006005	Non-derivatized - NeoMass AAAC Plus	0.03	6	0.04	0.04	0.01	0.11

4.3.7. C4OH ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.04	4	0.06	0.07	0.02	0.16
20261006001	Derivatized - MS/MS non-kit	0.04	44	0.03	0.02	0.01	0.12
20261006001	Derivatized - MassChrom MS/MS	0.04	10	0.04	0.04	0.01	0.14
20261006001	LC-MS/MS non-kit	0.04	3	0.04	0.05	0.01	0.10
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.05	4	0.04	0.01	0.02	0.05
20261006002	Derivatized - MS/MS non-kit	0.05	43	0.04	0.02	0.01	0.08
20261006002	Derivatized - MassChrom MS/MS	0.05	9	0.04	0.02	0.02	0.07
20261006002	LC-MS/MS non-kit	0.05	3	0.04	0.02	0.03	0.07
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.05	4	0.06	0.05	0.03	0.14
20261006003	Derivatized - MS/MS non-kit	0.05	44	0.05	0.03	0.01	0.15
20261006003	Derivatized - MassChrom MS/MS	0.05	10	0.06	0.03	0.02	0.14
20261006003	LC-MS/MS non-kit	0.05	3	0.03	0.01	0.02	0.04
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.05	4	0.08	0.03	0.05	0.11
20261006004	Derivatized - MS/MS non-kit	0.05	43	0.12	0.09	0.03	0.52
20261006004	Derivatized - MassChrom MS/MS	0.05	10	0.14	0.07	0.06	0.27
20261006004	LC-MS/MS non-kit	0.05	3	1.47	1.56	0.04	3.14
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.03	4	0.02	0.02	0.01	0.05
20261006005	Derivatized - MS/MS non-kit	0.03	44	0.02	0.02	0.01	0.07
20261006005	Derivatized - MassChrom MS/MS	0.03	10	0.03	0.03	0.01	0.12
20261006005	LC-MS/MS non-kit	0.03	3	0.02	0.01	0.01	0.03

4.3.8. C5 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.03	7	0.03	0.01	0.01	0.05
20261006001	Derivatized - MS/MS non-kit	0.03	52	0.04	0.02	0.01	0.13
20261006001	Derivatized - MassChrom MS/MS	0.03	15	0.04	0.02	0.02	0.10
20261006001	FIA-MS/MS non-derivatized, non-kit	0.03	13	0.02	0.02	0.01	0.07
20261006001	LC-MS/MS non-kit	0.03	12	0.03	0.03	0.00	0.10
20261006001	Non-derivatized - MassChrom MS/MS	0.03	42	0.03	0.02	0.01	0.11
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.03	136	0.02	0.02	0.01	0.10
20261006001	Non-derivatized - NeoBase MS/MS	0.03	20	0.02	0.01	0.01	0.04
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.03	0.04	0.01	0.12
20261006001	Non-derivatized - NeoMass AAAC Plus	0.03	5	0.05	0.03	0.02	0.10
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.04	9	0.08	0.08	0.02	0.26
20261006002	Derivatized - MS/MS non-kit	0.04	50	0.04	0.01	0.02	0.09
20261006002	Derivatized - MassChrom MS/MS	0.04	15	0.05	0.03	0.01	0.12
20261006002	FIA-MS/MS non-derivatized, non-kit	0.04	13	0.03	0.02	0.01	0.08
20261006002	LC-MS/MS non-kit	0.04	12	0.03	0.02	0.01	0.10
20261006002	Non-derivatized - MassChrom MS/MS	0.04	42	0.03	0.02	0.02	0.10
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.04	136	0.03	0.02	0.01	0.10
20261006002	Non-derivatized - NeoBase MS/MS	0.04	20	0.03	0.01	0.02	0.05
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.04	5	0.03	0.01	0.02	0.03
20261006002	Non-derivatized - NeoMass AAAC Plus	0.04	5	0.04	0.01	0.02	0.06
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.04	9	0.07	0.08	0.02	0.27
20261006003	Derivatized - MS/MS non-kit	0.04	51	0.04	0.02	0.01	0.12
20261006003	Derivatized - MassChrom MS/MS	0.04	15	0.05	0.02	0.02	0.12
20261006003	FIA-MS/MS non-derivatized, non-kit	0.04	13	0.03	0.02	0.01	0.08
20261006003	LC-MS/MS non-kit	0.04	12	0.03	0.02	0.01	0.10
20261006003	Non-derivatized - MassChrom MS/MS	0.04	42	0.03	0.01	0.01	0.09
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.04	136	0.03	0.02	0.01	0.10
20261006003	Non-derivatized - NeoBase MS/MS	0.04	20	0.03	0.01	0.02	0.06
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.04	6	0.05	0.05	0.02	0.14
20261006003	Non-derivatized - NeoMass AAAC Plus	0.04	6	0.06	0.04	0.02	0.14

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.04	8	0.06	0.07	0.01	0.22
20261006004	Derivatized - MS/MS non-kit	0.04	50	0.04	0.03	0.01	0.17
20261006004	Derivatized - MassChrom MS/MS	0.04	15	0.05	0.02	0.02	0.11
20261006004	FIA-MS/MS non-derivatized, non-kit	0.04	13	0.03	0.02	0.02	0.09
20261006004	LC-MS/MS non-kit	0.04	13	0.03	0.02	0.01	0.11
20261006004	Non-derivatized - MassChrom MS/MS	0.04	42	0.03	0.01	0.02	0.09
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.04	136	0.03	0.02	0.01	0.10
20261006004	Non-derivatized - NeoBase MS/MS	0.04	20	0.03	0.01	0.02	0.05
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.04	5	0.03	0.01	0.02	0.03
20261006004	Non-derivatized - NeoMass AAAC Plus	0.04	5	0.04	0.01	0.02	0.04
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.02	8	0.04	0.04	0.01	0.12
20261006005	Derivatized - MS/MS non-kit	0.02	52	0.03	0.02	0.00	0.10
20261006005	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.02	0.01	0.09
20261006005	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.02	0.01	0.01	0.03
20261006005	LC-MS/MS non-kit	0.02	12	0.02	0.02	0.01	0.06
20261006005	Non-derivatized - MassChrom MS/MS	0.02	41	0.02	0.01	0.00	0.05
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.02	134	0.02	0.02	0.01	0.10
20261006005	Non-derivatized - NeoBase MS/MS	0.02	20	0.01	0.01	0.01	0.04
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.02	5	0.01	0.00	0.01	0.02
20261006005	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.05	0.04	0.01	0.12

4.3.9. C5:1 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.01	6	0.03	0.02	0.00	0.06
20261006001	Derivatized - MS/MS non-kit	0.01	49	0.02	0.02	0.00	0.09
20261006001	Derivatized - MassChrom MS/MS	0.01	15	0.03	0.04	0.00	0.14
20261006001	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.01	0.00	0.04
20261006001	LC-MS/MS non-kit	0.01	9	0.06	0.09	0.00	0.28
20261006001	Non-derivatized - MassChrom MS/MS	0.01	30	0.02	0.03	0.00	0.12
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.01	118	0.01	0.01	0.00	0.04
20261006001	Non-derivatized - NeoBase MS/MS	0.01	18	0.01	0.01	0.00	0.03

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.01	0.00	0.02
20261006001	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.05	0.07	0.01	0.18
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.01	6	0.03	0.03	0.00	0.07
20261006002	Derivatized - MS/MS non-kit	0.01	50	0.02	0.02	0.00	0.10
20261006002	Derivatized - MassChrom MS/MS	0.01	15	0.03	0.03	0.01	0.11
20261006002	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.01	0.00	0.04
20261006002	LC-MS/MS non-kit	0.01	9	0.03	0.02	0.00	0.08
20261006002	Non-derivatized - MassChrom MS/MS	0.01	29	0.01	0.01	0.00	0.05
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.01	118	0.01	0.01	0.00	0.04
20261006002	Non-derivatized - NeoBase MS/MS	0.01	18	0.00	0.01	0.00	0.02
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.00	0.01	0.02
20261006002	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.03	0.02	0.01	0.07
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.01	6	0.02	0.02	0.00	0.05
20261006003	Derivatized - MS/MS non-kit	0.01	51	0.02	0.03	0.00	0.16
20261006003	Derivatized - MassChrom MS/MS	0.01	15	0.03	0.03	0.01	0.11
20261006003	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.01	0.00	0.04
20261006003	LC-MS/MS non-kit	0.01	9	0.02	0.02	0.00	0.07
20261006003	Non-derivatized - MassChrom MS/MS	0.01	29	0.02	0.01	0.00	0.07
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.01	118	0.01	0.01	0.00	0.04
20261006003	Non-derivatized - NeoBase MS/MS	0.01	18	0.00	0.01	0.00	0.03
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.01	0.00	0.03
20261006003	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.03	0.01	0.01	0.04
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.01	6	0.02	0.02	0.00	0.04
20261006004	Derivatized - MS/MS non-kit	0.01	50	0.02	0.02	0.00	0.10
20261006004	Derivatized - MassChrom MS/MS	0.01	14	0.03	0.02	0.01	0.07
20261006004	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.01	0.00	0.05
20261006004	LC-MS/MS non-kit	0.01	9	0.02	0.02	0.00	0.06
20261006004	Non-derivatized - MassChrom MS/MS	0.01	29	0.01	0.01	0.00	0.05
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.01	118	0.01	0.01	0.00	0.04
20261006004	Non-derivatized - NeoBase MS/MS	0.01	18	0.01	0.01	0.00	0.02
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.01	0.00	0.02

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.04	0.04	0.01	0.11
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.01	6	0.02	0.02	0.00	0.04
20261006005	Derivatized - MS/MS non-kit	0.01	51	0.02	0.02	0.00	0.11
20261006005	Derivatized - MassChrom MS/MS	0.01	14	0.02	0.01	0.01	0.05
20261006005	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.01	0.00	0.03
20261006005	LC-MS/MS non-kit	0.01	9	0.02	0.03	0.00	0.07
20261006005	Non-derivatized - MassChrom MS/MS	0.01	30	0.02	0.03	0.00	0.12
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.01	118	0.01	0.01	0.00	0.06
20261006005	Non-derivatized - NeoBase MS/MS	0.01	18	0.00	0.01	0.00	0.02
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.01	0.00	0.02
20261006005	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.02	0.02	0.01	0.06

4.3.10. C5DC ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.03	7	0.01	0.01	0.01	0.03
20261006001	Derivatized - MS/MS non-kit	0.03	55	0.02	0.02	0.00	0.11
20261006001	Derivatized - MassChrom MS/MS	0.03	15	0.03	0.02	0.01	0.11
20261006001	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.02	0.01	0.01	0.06
20261006001	LC-MS/MS non-kit	0.03	11	0.03	0.02	0.01	0.06
20261006001	Non-derivatized - MassChrom MS/MS	0.03	42	0.08	0.08	0.00	0.35
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.03	116	0.02	0.01	0.01	0.07
20261006001	Non-derivatized - NeoBase MS/MS	0.03	18	0.03	0.01	0.01	0.06
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.03	0.03	0.00	0.06
20261006001	Non-derivatized - NeoMass AAAC Plus	0.03	6	0.05	0.08	0.00	0.20
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.02	6	0.02	0.01	0.01	0.04
20261006002	Derivatized - MS/MS non-kit	0.02	55	0.02	0.02	0.00	0.10
20261006002	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.02	0.01	0.06
20261006002	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.03	0.01	0.02	0.06
20261006002	LC-MS/MS non-kit	0.02	11	0.05	0.03	0.00	0.09
20261006002	Non-derivatized - MassChrom MS/MS	0.02	42	0.09	0.08	0.00	0.35
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.02	116	0.02	0.01	0.00	0.08

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006002	Non-derivatized - NeoBase MS/MS	0.02	18	0.03	0.01	0.01	0.06
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.01	0.01	0.00	0.02
20261006002	Non-derivatized - NeoMass AAAC Plus	0.02	5	0.02	0.02	0.00	0.05
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.02	7	0.02	0.01	0.01	0.03
20261006003	Derivatized - MS/MS non-kit	0.02	55	0.02	0.03	0.00	0.12
20261006003	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.02	0.01	0.05
20261006003	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.03	0.01	0.02	0.06
20261006003	LC-MS/MS non-kit	0.02	11	0.04	0.02	0.01	0.07
20261006003	Non-derivatized - MassChrom MS/MS	0.02	42	0.09	0.08	0.01	0.35
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.02	116	0.03	0.02	0.01	0.14
20261006003	Non-derivatized - NeoBase MS/MS	0.02	18	0.03	0.02	0.01	0.09
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.02	0.01	0.00	0.04
20261006003	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.04	0.04	0.00	0.12
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.03	7	0.01	0.00	0.01	0.02
20261006004	Derivatized - MS/MS non-kit	0.03	55	0.02	0.02	0.00	0.08
20261006004	Derivatized - MassChrom MS/MS	0.03	15	0.03	0.02	0.01	0.07
20261006004	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.02	0.01	0.07
20261006004	LC-MS/MS non-kit	0.03	11	0.04	0.03	0.01	0.09
20261006004	Non-derivatized - MassChrom MS/MS	0.03	42	0.09	0.08	0.01	0.35
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.03	117	0.03	0.01	0.01	0.09
20261006004	Non-derivatized - NeoBase MS/MS	0.03	18	0.04	0.02	0.02	0.11
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.03	0.03	0.00	0.08
20261006004	Non-derivatized - NeoMass AAAC Plus	0.03	6	0.12	0.15	0.00	0.35
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.02	7	0.01	0.01	0.00	0.04
20261006005	Derivatized - MS/MS non-kit	0.02	55	0.02	0.02	0.00	0.10
20261006005	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.02	0.01	0.08
20261006005	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.03	0.01	0.01	0.05
20261006005	LC-MS/MS non-kit	0.02	11	0.03	0.02	0.01	0.06
20261006005	Non-derivatized - MassChrom MS/MS	0.02	41	0.06	0.06	0.00	0.25
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.02	116	0.02	0.01	0.01	0.06
20261006005	Non-derivatized - NeoBase MS/MS	0.02	18	0.02	0.01	0.01	0.05

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.02	0.02	0.00	0.04
20261006005	Non-derivatized - NeoMass AAAC Plus	0.02	5	0.01	0.02	0.00	0.04

4.3.11. C5OH ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.22	6	0.19	0.10	0.11	0.39
20261006001	Derivatized - MS/MS non-kit	0.22	55	0.20	0.07	0.05	0.40
20261006001	Derivatized - MassChrom MS/MS	0.22	15	0.19	0.06	0.09	0.28
20261006001	FIA-MS/MS non-derivatized, non-kit	0.22	11	0.33	0.07	0.18	0.43
20261006001	LC-MS/MS non-kit	0.22	8	0.36	0.08	0.21	0.47
20261006001	Non-derivatized - MassChrom MS/MS	0.22	26	0.24	0.11	0.09	0.50
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.22	106	0.33	0.08	0.14	0.59
20261006001	Non-derivatized - NeoBase MS/MS	0.22	17	0.24	0.07	0.02	0.37
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.22	6	0.23	0.08	0.16	0.37
20261006001	Non-derivatized - NeoMass AAAC Plus	0.22	4	0.21	0.05	0.14	0.26
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.29	6	0.21	0.05	0.15	0.28
20261006002	Derivatized - MS/MS non-kit	0.29	55	0.27	0.09	0.07	0.57
20261006002	Derivatized - MassChrom MS/MS	0.29	15	0.28	0.08	0.14	0.44
20261006002	FIA-MS/MS non-derivatized, non-kit	0.29	11	0.36	0.07	0.19	0.43
20261006002	LC-MS/MS non-kit	0.29	8	0.40	0.09	0.25	0.56
20261006002	Non-derivatized - MassChrom MS/MS	0.29	26	0.27	0.13	0.01	0.59
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.29	106	0.35	0.07	0.15	0.59
20261006002	Non-derivatized - NeoBase MS/MS	0.29	16	0.28	0.06	0.23	0.42
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.29	6	0.25	0.09	0.14	0.38
20261006002	Non-derivatized - NeoMass AAAC Plus	0.29	4	0.24	0.03	0.21	0.27
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.29	6	0.22	0.04	0.18	0.30
20261006003	Derivatized - MS/MS non-kit	0.29	55	0.29	0.10	0.08	0.63
20261006003	Derivatized - MassChrom MS/MS	0.29	15	0.29	0.08	0.16	0.46
20261006003	FIA-MS/MS non-derivatized, non-kit	0.29	11	0.38	0.08	0.19	0.49
20261006003	LC-MS/MS non-kit	0.29	8	0.37	0.09	0.25	0.55
20261006003	Non-derivatized - MassChrom MS/MS	0.29	26	0.28	0.14	0.10	0.65

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.29	106	0.36	0.07	0.12	0.59
20261006003	Non-derivatized - NeoBase MS/MS	0.29	16	0.30	0.05	0.23	0.43
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.29	6	0.26	0.12	0.06	0.42
20261006003	Non-derivatized - NeoMass AAAC Plus	0.29	4	0.23	0.02	0.20	0.26
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.28	6	0.18	0.03	0.13	0.22
20261006004	Derivatized - MS/MS non-kit	0.28	55	0.27	0.09	0.07	0.54
20261006004	Derivatized - MassChrom MS/MS	0.28	15	0.28	0.08	0.15	0.47
20261006004	FIA-MS/MS non-derivatized, non-kit	0.28	11	0.39	0.07	0.21	0.47
20261006004	LC-MS/MS non-kit	0.28	8	0.41	0.09	0.27	0.57
20261006004	Non-derivatized - MassChrom MS/MS	0.28	26	0.28	0.13	0.10	0.65
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.28	106	0.36	0.08	0.16	0.59
20261006004	Non-derivatized - NeoBase MS/MS	0.28	16	0.29	0.05	0.22	0.42
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.28	6	0.25	0.07	0.16	0.35
20261006004	Non-derivatized - NeoMass AAAC Plus	0.28	4	0.22	0.03	0.17	0.25
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.14	6	0.12	0.05	0.07	0.20
20261006005	Derivatized - MS/MS non-kit	0.14	55	0.14	0.07	0.04	0.54
20261006005	Derivatized - MassChrom MS/MS	0.14	15	0.13	0.05	0.01	0.23
20261006005	FIA-MS/MS non-derivatized, non-kit	0.14	11	0.22	0.05	0.12	0.29
20261006005	LC-MS/MS non-kit	0.14	8	0.21	0.06	0.12	0.29
20261006005	Non-derivatized - MassChrom MS/MS	0.14	26	0.17	0.07	0.06	0.39
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.14	106	0.23	0.07	0.01	0.59
20261006005	Non-derivatized - NeoBase MS/MS	0.14	17	0.17	0.06	0.02	0.32
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.14	6	0.13	0.05	0.05	0.19
20261006005	Non-derivatized - NeoMass AAAC Plus	0.14	4	0.16	0.02	0.13	0.18

4.3.12. C6 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.02	9	0.03	0.04	0.01	0.13
20261006001	Derivatized - MS/MS non-kit	0.02	52	0.03	0.02	0.00	0.13
20261006001	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.02	0.01	0.09
20261006001	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.01	0.01	0.01	0.03

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	LC-MS/MS non-kit	0.02	11	0.02	0.02	0.00	0.09
20261006001	Non-derivatized - MassChrom MS/MS	0.02	34	0.02	0.01	0.00	0.07
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.02	121	0.01	0.01	0.01	0.10
20261006001	Non-derivatized - NeoBase MS/MS	0.02	17	0.01	0.00	0.00	0.02
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.02	0.02	0.01	0.05
20261006001	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.05	0.06	0.01	0.15
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.02	9	0.04	0.05	0.01	0.12
20261006002	Derivatized - MS/MS non-kit	0.02	51	0.02	0.02	0.00	0.10
20261006002	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.02	0.01	0.09
20261006002	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.01	0.01	0.00	0.03
20261006002	LC-MS/MS non-kit	0.02	11	0.02	0.01	0.00	0.05
20261006002	Non-derivatized - MassChrom MS/MS	0.02	34	0.01	0.01	0.00	0.06
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.02	121	0.01	0.00	0.00	0.03
20261006002	Non-derivatized - NeoBase MS/MS	0.02	17	0.01	0.00	0.00	0.02
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.02	0.02	0.00	0.05
20261006002	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.02	0.02	0.00	0.05
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	1.52	9	1.22	0.55	0.15	2.06
20261006003	Derivatized - MS/MS non-kit	1.52	52	1.18	0.34	0.01	2.08
20261006003	Derivatized - MassChrom MS/MS	1.52	15	1.18	0.12	0.93	1.37
20261006003	FIA-MS/MS non-derivatized, non-kit	1.52	12	1.20	0.28	0.49	1.56
20261006003	LC-MS/MS non-kit	1.52	10	1.38	0.21	1.10	1.75
20261006003	Non-derivatized - MassChrom MS/MS	1.52	34	1.25	0.17	0.91	1.64
20261006003	Non-derivatized - NeoBase 2 MS/MS	1.52	121	1.28	0.15	0.95	2.20
20261006003	Non-derivatized - NeoBase MS/MS	1.52	17	1.29	0.17	1.07	1.73
20261006003	Non-derivatized - NeoMass AAAC 3.0	1.52	6	0.90	0.21	0.68	1.29
20261006003	Non-derivatized - NeoMass AAAC Plus	1.52	6	1.16	0.39	0.87	1.89
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.02	9	0.04	0.04	0.01	0.13
20261006004	Derivatized - MS/MS non-kit	0.02	52	0.02	0.02	0.00	0.10
20261006004	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.03	0.01	0.11
20261006004	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.01	0.01	0.01	0.03
20261006004	LC-MS/MS non-kit	0.02	11	0.02	0.01	0.01	0.04

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Non-derivatized - MassChrom MS/MS	0.02	34	0.02	0.02	0.00	0.11
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.02	119	0.01	0.01	0.01	0.04
20261006004	Non-derivatized - NeoBase MS/MS	0.02	17	0.02	0.01	0.01	0.05
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.01	0.02	0.00	0.06
20261006004	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.03	0.03	0.01	0.08
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.02	9	0.03	0.03	0.00	0.09
20261006005	Derivatized - MS/MS non-kit	0.02	52	0.02	0.02	0.00	0.09
20261006005	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.02	0.00	0.08
20261006005	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.01	0.01	0.00	0.03
20261006005	LC-MS/MS non-kit	0.02	10	0.01	0.01	0.00	0.02
20261006005	Non-derivatized - MassChrom MS/MS	0.02	33	0.01	0.01	0.00	0.05
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.02	121	0.01	0.01	0.00	0.04
20261006005	Non-derivatized - NeoBase MS/MS	0.02	17	0.01	0.00	0.00	0.01
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.01	0.01	0.00	0.04
20261006005	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.02	0.02	0.00	0.04

4.3.13.C8 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.03	9	0.03	0.03	0.01	0.09
20261006001	Derivatized - MS/MS non-kit	0.03	52	0.03	0.02	0.01	0.08
20261006001	Derivatized - MassChrom MS/MS	0.03	15	0.02	0.02	0.01	0.07
20261006001	FIA-MS/MS non-derivatized, non-kit	0.03	13	0.02	0.01	0.02	0.04
20261006001	LC-MS/MS non-kit	0.03	12	0.04	0.04	0.01	0.13
20261006001	Non-derivatized - MassChrom MS/MS	0.03	44	0.02	0.01	0.01	0.04
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.03	137	0.02	0.01	0.01	0.10
20261006001	Non-derivatized - NeoBase MS/MS	0.03	20	0.02	0.00	0.01	0.03
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.02	0.02	0.01	0.06
20261006001	Non-derivatized - NeoMass AAAC Plus	0.03	6	0.05	0.07	0.01	0.17
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.02	9	0.03	0.02	0.01	0.08
20261006002	Derivatized - MS/MS non-kit	0.02	51	0.03	0.02	0.01	0.09
20261006002	Derivatized - MassChrom MS/MS	0.02	15	0.02	0.02	0.01	0.07

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006002	FIA-MS/MS non-derivatized, non-kit	0.02	13	0.02	0.01	0.01	0.04
20261006002	LC-MS/MS non-kit	0.02	12	0.04	0.03	0.01	0.10
20261006002	Non-derivatized - MassChrom MS/MS	0.02	44	0.02	0.01	0.01	0.04
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.02	137	0.02	0.01	0.01	0.10
20261006002	Non-derivatized - NeoBase MS/MS	0.02	20	0.02	0.00	0.01	0.02
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.03	0.02	0.01	0.06
20261006002	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.02	0.01	0.01	0.04
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	2.02	9	1.77	0.66	0.46	2.50
20261006003	Derivatized - MS/MS non-kit	2.02	52	1.85	0.51	0.02	2.89
20261006003	Derivatized - MassChrom MS/MS	2.02	15	1.38	0.18	1.08	1.67
20261006003	FIA-MS/MS non-derivatized, non-kit	2.02	13	1.93	0.52	0.71	2.89
20261006003	LC-MS/MS non-kit	2.02	13	2.02	0.46	1.36	2.98
20261006003	Non-derivatized - MassChrom MS/MS	2.02	44	1.73	0.23	1.24	2.12
20261006003	Non-derivatized - NeoBase 2 MS/MS	2.02	136	1.76	0.22	1.08	3.12
20261006003	Non-derivatized - NeoBase MS/MS	2.02	20	2.03	0.21	1.69	2.55
20261006003	Non-derivatized - NeoMass AAAC 3.0	2.02	6	1.60	0.33	1.33	2.24
20261006003	Non-derivatized - NeoMass AAAC Plus	2.02	6	1.53	0.53	1.10	2.52
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.02	9	0.04	0.03	0.01	0.08
20261006004	Derivatized - MS/MS non-kit	0.02	52	0.03	0.02	0.01	0.13
20261006004	Derivatized - MassChrom MS/MS	0.02	15	0.02	0.02	0.01	0.06
20261006004	FIA-MS/MS non-derivatized, non-kit	0.02	13	0.03	0.01	0.02	0.05
20261006004	LC-MS/MS non-kit	0.02	12	0.04	0.03	0.01	0.11
20261006004	Non-derivatized - MassChrom MS/MS	0.02	43	0.03	0.01	0.01	0.08
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.02	137	0.02	0.01	0.01	0.10
20261006004	Non-derivatized - NeoBase MS/MS	0.02	20	0.03	0.02	0.02	0.08
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.03	0.03	0.01	0.08
20261006004	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.02	0.02	0.01	0.05
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.01	9	0.02	0.02	0.00	0.06
20261006005	Derivatized - MS/MS non-kit	0.01	52	0.02	0.02	0.00	0.06
20261006005	Derivatized - MassChrom MS/MS	0.01	15	0.01	0.02	0.00	0.05
20261006005	FIA-MS/MS non-derivatized, non-kit	0.01	13	0.02	0.01	0.01	0.03

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006005	LC-MS/MS non-kit	0.01	12	0.03	0.03	0.00	0.11
20261006005	Non-derivatized - MassChrom MS/MS	0.01	44	0.02	0.01	0.00	0.06
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.01	136	0.01	0.01	0.00	0.10
20261006005	Non-derivatized - NeoBase MS/MS	0.01	20	0.01	0.00	0.00	0.02
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.01	6	0.01	0.01	0.00	0.04
20261006005	Non-derivatized - NeoMass AAAC Plus	0.01	6	0.01	0.01	0.01	0.03

4.3.14. C10 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.04	8	0.02	0.03	0.00	0.08
20261006001	Derivatized - MS/MS non-kit	0.04	52	0.03	0.03	0.00	0.14
20261006001	Derivatized - MassChrom MS/MS	0.04	15	0.02	0.02	0.01	0.09
20261006001	FIA-MS/MS non-derivatized, non-kit	0.04	13	0.02	0.01	0.01	0.05
20261006001	LC-MS/MS non-kit	0.04	11	0.06	0.07	0.01	0.20
20261006001	Non-derivatized - MassChrom MS/MS	0.04	42	0.02	0.01	0.01	0.03
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.04	130	0.02	0.01	0.00	0.05
20261006001	Non-derivatized - NeoBase MS/MS	0.04	19	0.02	0.01	0.01	0.03
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.04	6	0.01	0.01	0.01	0.02
20261006001	Non-derivatized - NeoMass AAAC Plus	0.04	5	0.02	0.01	0.01	0.03
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.04	8	0.02	0.02	0.01	0.08
20261006002	Derivatized - MS/MS non-kit	0.04	51	0.03	0.03	0.00	0.14
20261006002	Derivatized - MassChrom MS/MS	0.04	15	0.03	0.02	0.01	0.09
20261006002	FIA-MS/MS non-derivatized, non-kit	0.04	13	0.02	0.01	0.01	0.05
20261006002	LC-MS/MS non-kit	0.04	11	0.05	0.05	0.01	0.17
20261006002	Non-derivatized - MassChrom MS/MS	0.04	42	0.02	0.01	0.00	0.03
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.04	130	0.02	0.01	0.01	0.05
20261006002	Non-derivatized - NeoBase MS/MS	0.04	19	0.02	0.00	0.02	0.03
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.04	6	0.02	0.02	0.01	0.05
20261006002	Non-derivatized - NeoMass AAAC Plus	0.04	5	0.02	0.01	0.01	0.03
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	3.24	9	1.62	0.91	0.50	3.73
20261006003	Derivatized - MS/MS non-kit	3.24	52	1.75	0.60	0.03	3.49

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006003	Derivatized - MassChrom MS/MS	3.24	15	1.17	0.15	0.94	1.43
20261006003	FIA-MS/MS non-derivatized, non-kit	3.24	13	1.83	0.42	1.24	2.98
20261006003	LC-MS/MS non-kit	3.24	11	2.04	0.61	1.31	3.13
20261006003	Non-derivatized - MassChrom MS/MS	3.24	42	1.70	0.22	1.20	2.27
20261006003	Non-derivatized - NeoBase 2 MS/MS	3.24	130	1.71	0.28	0.01	2.92
20261006003	Non-derivatized - NeoBase MS/MS	3.24	19	1.83	0.16	1.61	2.12
20261006003	Non-derivatized - NeoMass AAAC 3.0	3.24	6	1.26	0.55	0.43	2.08
20261006003	Non-derivatized - NeoMass AAAC Plus	3.24	6	1.61	0.39	1.22	2.20
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.04	8	0.03	0.03	0.00	0.09
20261006004	Derivatized - MS/MS non-kit	0.04	52	0.03	0.03	0.00	0.13
20261006004	Derivatized - MassChrom MS/MS	0.04	15	0.03	0.03	0.01	0.12
20261006004	FIA-MS/MS non-derivatized, non-kit	0.04	13	0.02	0.01	0.01	0.05
20261006004	LC-MS/MS non-kit	0.04	11	0.06	0.06	0.01	0.17
20261006004	Non-derivatized - MassChrom MS/MS	0.04	41	0.02	0.01	0.00	0.07
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.04	130	0.02	0.01	0.00	0.06
20261006004	Non-derivatized - NeoBase MS/MS	0.04	19	0.03	0.02	0.02	0.08
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.04	6	0.02	0.01	0.01	0.03
20261006004	Non-derivatized - NeoMass AAAC Plus	0.04	5	0.02	0.01	0.01	0.02
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.02	9	0.02	0.03	0.00	0.07
20261006005	Derivatized - MS/MS non-kit	0.02	52	0.02	0.02	0.00	0.09
20261006005	Derivatized - MassChrom MS/MS	0.02	14	0.01	0.01	0.00	0.03
20261006005	FIA-MS/MS non-derivatized, non-kit	0.02	13	0.02	0.02	0.00	0.06
20261006005	LC-MS/MS non-kit	0.02	10	0.03	0.04	0.01	0.13
20261006005	Non-derivatized - MassChrom MS/MS	0.02	42	0.01	0.01	0.00	0.03
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.02	128	0.01	0.01	0.00	0.04
20261006005	Non-derivatized - NeoBase MS/MS	0.02	19	0.01	0.00	0.01	0.02
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.02	0.02	0.01	0.05
20261006005	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.03	0.03	0.00	0.08

4.3.15. C10:1 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.02	7	0.01	0.01	0.00	0.03
20261006001	Derivatized - MS/MS non-kit	0.02	47	0.03	0.03	0.00	0.16
20261006001	Derivatized - MassChrom MS/MS	0.02	14	0.02	0.02	0.01	0.07
20261006001	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.03	0.05	0.00	0.15
20261006001	LC-MS/MS non-kit	0.02	8	0.01	0.01	0.00	0.02
20261006001	Non-derivatized - MassChrom MS/MS	0.02	29	0.02	0.02	0.00	0.07
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.02	117	0.01	0.01	0.00	0.10
20261006001	Non-derivatized - NeoBase MS/MS	0.02	17	0.02	0.01	0.00	0.04
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.02	5	0.01	0.02	0.00	0.04
20261006001	Non-derivatized - NeoMass AAAC Plus	0.02	4	0.02	0.02	0.00	0.05
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.01	0.01	0.00	0.02
20261006002	Derivatized - MS/MS non-kit	0.01	46	0.02	0.02	0.00	0.08
20261006002	Derivatized - MassChrom MS/MS	0.01	15	0.03	0.03	0.01	0.13
20261006002	FIA-MS/MS non-derivatized, non-kit	0.01	10	0.01	0.01	0.00	0.02
20261006002	LC-MS/MS non-kit	0.01	9	0.01	0.01	0.00	0.03
20261006002	Non-derivatized - MassChrom MS/MS	0.01	29	0.02	0.01	0.00	0.06
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.01	116	0.01	0.01	0.00	0.10
20261006002	Non-derivatized - NeoBase MS/MS	0.01	17	0.02	0.01	0.01	0.04
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.02	0.00	0.04
20261006002	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.03	0.05	0.00	0.12
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	1.12	7	0.81	0.30	0.35	1.22
20261006003	Derivatized - MS/MS non-kit	1.12	48	1.19	0.46	0.01	2.51
20261006003	Derivatized - MassChrom MS/MS	1.12	15	0.81	0.34	0.53	1.92
20261006003	FIA-MS/MS non-derivatized, non-kit	1.12	10	0.99	0.36	0.51	1.87
20261006003	LC-MS/MS non-kit	1.12	8	1.04	0.54	0.20	1.95
20261006003	Non-derivatized - MassChrom MS/MS	1.12	29	0.94	0.27	0.47	1.94
20261006003	Non-derivatized - NeoBase 2 MS/MS	1.12	118	0.82	0.17	0.01	1.72
20261006003	Non-derivatized - NeoBase MS/MS	1.12	17	0.97	0.11	0.83	1.18
20261006003	Non-derivatized - NeoMass AAAC 3.0	1.12	5	0.64	0.10	0.54	0.77
20261006003	Non-derivatized - NeoMass AAAC Plus	1.12	5	0.74	0.29	0.45	1.22

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.02	7	0.02	0.01	0.01	0.04
20261006004	Derivatized - MS/MS non-kit	0.02	46	0.03	0.02	0.01	0.09
20261006004	Derivatized - MassChrom MS/MS	0.02	14	0.02	0.02	0.01	0.07
20261006004	FIA-MS/MS non-derivatized, non-kit	0.02	10	0.01	0.01	0.00	0.03
20261006004	LC-MS/MS non-kit	0.02	9	0.02	0.02	0.00	0.08
20261006004	Non-derivatized - MassChrom MS/MS	0.02	29	0.02	0.02	0.00	0.09
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.02	117	0.01	0.01	0.00	0.06
20261006004	Non-derivatized - NeoBase MS/MS	0.02	17	0.02	0.02	0.01	0.07
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.02	5	0.02	0.03	0.00	0.06
20261006004	Non-derivatized - NeoMass AAAC Plus	0.02	4	0.01	0.01	0.00	0.02
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.01	0.01	0.00	0.03
20261006005	Derivatized - MS/MS non-kit	0.01	47	0.02	0.02	0.00	0.11
20261006005	Derivatized - MassChrom MS/MS	0.01	14	0.02	0.01	0.00	0.04
20261006005	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.02	0.04	0.00	0.10
20261006005	LC-MS/MS non-kit	0.01	9	0.01	0.01	0.00	0.03
20261006005	Non-derivatized - MassChrom MS/MS	0.01	29	0.01	0.02	0.00	0.09
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.01	115	0.01	0.01	0.00	0.06
20261006005	Non-derivatized - NeoBase MS/MS	0.01	17	0.02	0.01	0.00	0.04
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.02	0.00	0.05
20261006005	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.02	0.04	0.00	0.10

4.3.16. C10:2 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.01	5	0.01	0.01	0.00	0.01
20261006001	Derivatized - MS/MS non-kit	0.01	32	0.02	0.01	0.00	0.06
20261006001	Derivatized - MassChrom MS/MS	0.01	7	0.03	0.03	0.01	0.07
20261006001	FIA-MS/MS non-derivatized, non-kit	0.01	9	0.01	0.01	0.00	0.03
20261006001	LC-MS/MS non-kit	0.01	6	0.02	0.04	0.00	0.11
20261006001	Non-derivatized - MassChrom MS/MS	0.01	12	0.02	0.02	0.00	0.05
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.01	98	0.00	0.01	0.00	0.04
20261006001	Non-derivatized - NeoBase MS/MS	0.01	9	0.01	0.01	0.00	0.02

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.01	4	0.02	0.03	0.00	0.06
20261006001	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.01	0.00	0.01	0.01
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.01	5	0.01	0.01	0.00	0.03
20261006002	Derivatized - MS/MS non-kit	0.01	32	0.02	0.02	0.00	0.06
20261006002	Derivatized - MassChrom MS/MS	0.01	7	0.02	0.03	0.00	0.07
20261006002	FIA-MS/MS non-derivatized, non-kit	0.01	9	0.01	0.01	0.00	0.03
20261006002	LC-MS/MS non-kit	0.01	6	0.02	0.02	0.00	0.05
20261006002	Non-derivatized - MassChrom MS/MS	0.01	12	0.02	0.02	0.00	0.06
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.01	98	0.00	0.01	0.00	0.04
20261006002	Non-derivatized - NeoBase MS/MS	0.01	9	0.01	0.00	0.00	0.01
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.01	4	0.02	0.03	0.00	0.06
20261006002	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.02	0.02	0.00	0.05
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.01	5	0.01	0.01	0.00	0.03
20261006003	Derivatized - MS/MS non-kit	0.01	32	0.02	0.02	0.00	0.12
20261006003	Derivatized - MassChrom MS/MS	0.01	7	0.02	0.02	0.00	0.06
20261006003	FIA-MS/MS non-derivatized, non-kit	0.01	9	0.01	0.01	0.00	0.04
20261006003	LC-MS/MS non-kit	0.01	6	0.01	0.01	0.00	0.02
20261006003	Non-derivatized - MassChrom MS/MS	0.01	12	0.02	0.02	0.00	0.07
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.01	98	0.01	0.01	0.00	0.04
20261006003	Non-derivatized - NeoBase MS/MS	0.01	9	0.01	0.01	0.00	0.02
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.01	4	0.02	0.03	0.00	0.06
20261006003	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.03	0.04	0.00	0.11
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.01	5	0.01	0.01	0.00	0.02
20261006004	Derivatized - MS/MS non-kit	0.01	32	0.02	0.02	0.00	0.08
20261006004	Derivatized - MassChrom MS/MS	0.01	7	0.03	0.02	0.01	0.07
20261006004	FIA-MS/MS non-derivatized, non-kit	0.01	9	0.01	0.02	0.00	0.05
20261006004	LC-MS/MS non-kit	0.01	6	0.02	0.02	0.00	0.05
20261006004	Non-derivatized - MassChrom MS/MS	0.01	12	0.02	0.02	0.00	0.05
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.01	98	0.00	0.01	0.00	0.04
20261006004	Non-derivatized - NeoBase MS/MS	0.01	9	0.01	0.01	0.00	0.01
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.01	4	0.02	0.03	0.00	0.06

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.01	0.01	0.00	0.03
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.01	5	0.02	0.02	0.00	0.04
20261006005	Derivatized - MS/MS non-kit	0.01	33	0.02	0.03	0.00	0.13
20261006005	Derivatized - MassChrom MS/MS	0.01	7	0.02	0.02	0.01	0.06
20261006005	FIA-MS/MS non-derivatized, non-kit	0.01	9	0.01	0.01	0.00	0.03
20261006005	LC-MS/MS non-kit	0.01	6	0.01	0.01	0.00	0.03
20261006005	Non-derivatized - MassChrom MS/MS	0.01	12	0.02	0.02	0.00	0.05
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.01	98	0.00	0.01	0.00	0.04
20261006005	Non-derivatized - NeoBase MS/MS	0.01	9	0.01	0.01	0.00	0.02
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.01	4	0.02	0.02	0.00	0.05
20261006005	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.01	0.01	0.00	0.02

4.3.17. C14 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.04	8	0.04	0.02	0.02	0.08
20261006001	Derivatized - MS/MS non-kit	0.04	52	0.05	0.03	0.00	0.16
20261006001	Derivatized - MassChrom MS/MS	0.04	15	0.04	0.02	0.02	0.07
20261006001	FIA-MS/MS non-derivatized, non-kit	0.04	12	0.03	0.01	0.01	0.05
20261006001	LC-MS/MS non-kit	0.04	12	0.03	0.01	0.01	0.06
20261006001	Non-derivatized - MassChrom MS/MS	0.04	34	0.03	0.01	0.02	0.08
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.04	119	0.03	0.01	0.01	0.05
20261006001	Non-derivatized - NeoBase MS/MS	0.04	17	0.03	0.01	0.02	0.04
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.04	6	0.02	0.01	0.01	0.02
20261006001	Non-derivatized - NeoMass AAAC Plus	0.04	5	0.03	0.03	0.01	0.08
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.03	8	0.03	0.02	0.01	0.09
20261006002	Derivatized - MS/MS non-kit	0.03	51	0.04	0.03	0.01	0.16
20261006002	Derivatized - MassChrom MS/MS	0.03	15	0.04	0.02	0.01	0.07
20261006002	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.01	0.01	0.05
20261006002	LC-MS/MS non-kit	0.03	13	0.04	0.03	0.01	0.12
20261006002	Non-derivatized - MassChrom MS/MS	0.03	34	0.02	0.01	0.01	0.05
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.03	119	0.02	0.01	0.01	0.05

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006002	Non-derivatized - NeoBase MS/MS	0.03	17	0.02	0.01	0.02	0.03
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.02	0.00	0.01	0.02
20261006002	Non-derivatized - NeoMass AAAC Plus	0.03	6	0.04	0.04	0.01	0.11
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.03	9	0.05	0.05	0.02	0.15
20261006003	Derivatized - MS/MS non-kit	0.03	51	0.04	0.02	0.02	0.13
20261006003	Derivatized - MassChrom MS/MS	0.03	15	0.04	0.03	0.02	0.14
20261006003	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.01	0.01	0.04
20261006003	LC-MS/MS non-kit	0.03	13	0.03	0.02	0.01	0.07
20261006003	Non-derivatized - MassChrom MS/MS	0.03	34	0.03	0.01	0.01	0.05
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.03	119	0.03	0.01	0.01	0.05
20261006003	Non-derivatized - NeoBase MS/MS	0.03	17	0.03	0.01	0.02	0.03
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.02	0.01	0.01	0.02
20261006003	Non-derivatized - NeoMass AAAC Plus	0.03	6	0.03	0.02	0.01	0.06
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.03	8	0.03	0.02	0.02	0.08
20261006004	Derivatized - MS/MS non-kit	0.03	51	0.04	0.02	0.01	0.12
20261006004	Derivatized - MassChrom MS/MS	0.03	15	0.04	0.02	0.02	0.10
20261006004	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.01	0.01	0.05
20261006004	LC-MS/MS non-kit	0.03	13	0.03	0.02	0.01	0.08
20261006004	Non-derivatized - MassChrom MS/MS	0.03	34	0.03	0.01	0.01	0.05
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.03	119	0.02	0.01	0.02	0.06
20261006004	Non-derivatized - NeoBase MS/MS	0.03	17	0.02	0.01	0.02	0.03
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.03	6	0.02	0.01	0.01	0.02
20261006004	Non-derivatized - NeoMass AAAC Plus	0.03	4	0.02	0.00	0.01	0.02
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.02	8	0.02	0.02	0.01	0.08
20261006005	Derivatized - MS/MS non-kit	0.02	52	0.03	0.02	0.01	0.15
20261006005	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.02	0.01	0.07
20261006005	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.02	0.01	0.01	0.04
20261006005	LC-MS/MS non-kit	0.02	13	0.02	0.02	0.01	0.07
20261006005	Non-derivatized - MassChrom MS/MS	0.02	34	0.02	0.01	0.01	0.04
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.02	119	0.02	0.01	0.01	0.05
20261006005	Non-derivatized - NeoBase MS/MS	0.02	17	0.02	0.00	0.01	0.02

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.02	6	0.01	0.01	0.01	0.02
20261006005	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.02	0.01	0.01	0.04

4.3.18.C14:1 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.02	7	0.02	0.01	0.01	0.05
20261006001	Derivatized - MS/MS non-kit	0.02	52	0.03	0.03	0.00	0.17
20261006001	Derivatized - MassChrom MS/MS	0.02	15	0.03	0.03	0.01	0.13
20261006001	FIA-MS/MS non-derivatized, non-kit	0.02	12	0.02	0.02	0.00	0.07
20261006001	LC-MS/MS non-kit	0.02	9	0.01	0.01	0.00	0.03
20261006001	Non-derivatized - MassChrom MS/MS	0.02	40	0.02	0.01	0.00	0.05
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.02	130	0.02	0.01	0.01	0.07
20261006001	Non-derivatized - NeoBase MS/MS	0.02	19	0.02	0.01	0.01	0.04
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.02	5	0.02	0.02	0.00	0.06
20261006001	Non-derivatized - NeoMass AAAC Plus	0.02	6	0.04	0.03	0.01	0.07
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.03	7	0.02	0.02	0.01	0.05
20261006002	Derivatized - MS/MS non-kit	0.03	52	0.04	0.03	0.01	0.13
20261006002	Derivatized - MassChrom MS/MS	0.03	15	0.04	0.04	0.01	0.13
20261006002	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.02	0.01	0.06
20261006002	LC-MS/MS non-kit	0.03	10	0.03	0.02	0.01	0.09
20261006002	Non-derivatized - MassChrom MS/MS	0.03	40	0.02	0.01	0.01	0.05
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.03	129	0.02	0.01	0.01	0.06
20261006002	Non-derivatized - NeoBase MS/MS	0.03	19	0.03	0.01	0.01	0.04
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.03	5	0.02	0.02	0.01	0.06
20261006002	Non-derivatized - NeoMass AAAC Plus	0.03	6	0.03	0.02	0.01	0.07
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.03	7	0.03	0.02	0.01	0.06
20261006003	Derivatized - MS/MS non-kit	0.03	52	0.04	0.03	0.00	0.18
20261006003	Derivatized - MassChrom MS/MS	0.03	15	0.04	0.04	0.01	0.13
20261006003	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.02	0.00	0.06
20261006003	LC-MS/MS non-kit	0.03	10	0.02	0.01	0.01	0.03
20261006003	Non-derivatized - MassChrom MS/MS	0.03	40	0.02	0.01	0.01	0.06

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.03	130	0.02	0.01	0.00	0.06
20261006003	Non-derivatized - NeoBase MS/MS	0.03	19	0.03	0.01	0.01	0.05
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.03	5	0.03	0.02	0.01	0.06
20261006003	Non-derivatized - NeoMass AAAC Plus	0.03	5	0.03	0.02	0.01	0.06
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.03	7	0.02	0.01	0.01	0.05
20261006004	Derivatized - MS/MS non-kit	0.03	53	0.04	0.03	0.00	0.14
20261006004	Derivatized - MassChrom MS/MS	0.03	15	0.04	0.03	0.02	0.13
20261006004	FIA-MS/MS non-derivatized, non-kit	0.03	12	0.03	0.01	0.01	0.05
20261006004	LC-MS/MS non-kit	0.03	10	0.02	0.01	0.01	0.04
20261006004	Non-derivatized - MassChrom MS/MS	0.03	40	0.02	0.01	0.01	0.06
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.03	130	0.02	0.01	0.01	0.07
20261006004	Non-derivatized - NeoBase MS/MS	0.03	19	0.03	0.01	0.02	0.04
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.03	5	0.02	0.02	0.01	0.06
20261006004	Non-derivatized - NeoMass AAAC Plus	0.03	6	0.04	0.03	0.01	0.07
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.01	6	0.01	0.01	0.00	0.02
20261006005	Derivatized - MS/MS non-kit	0.01	53	0.02	0.03	0.00	0.12
20261006005	Derivatized - MassChrom MS/MS	0.01	15	0.02	0.03	0.00	0.10
20261006005	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.01	0.00	0.04
20261006005	LC-MS/MS non-kit	0.01	10	0.01	0.00	0.01	0.02
20261006005	Non-derivatized - MassChrom MS/MS	0.01	40	0.01	0.01	0.00	0.06
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.01	130	0.01	0.01	0.00	0.06
20261006005	Non-derivatized - NeoBase MS/MS	0.01	19	0.02	0.01	0.01	0.03
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.02	0.00	0.04
20261006005	Non-derivatized - NeoMass AAAC Plus	0.01	6	0.01	0.00	0.01	0.02

4.3.19. C16 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.57	9	0.77	0.35	0.43	1.60
20261006001	Derivatized - MS/MS non-kit	0.57	53	0.67	0.13	0.41	0.97
20261006001	Derivatized - MassChrom MS/MS	0.57	15	0.63	0.08	0.43	0.76
20261006001	FIA-MS/MS non-derivatized, non-kit	0.57	12	0.62	0.09	0.49	0.83

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	LC-MS/MS non-kit	0.57	13	0.69	0.21	0.51	1.18
20261006001	Non-derivatized - MassChrom MS/MS	0.57	35	0.62	0.10	0.49	1.03
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.57	125	0.74	0.11	0.46	1.10
20261006001	Non-derivatized - NeoBase MS/MS	0.57	18	0.65	0.08	0.53	0.84
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.57	6	0.44	0.09	0.35	0.52
20261006001	Non-derivatized - NeoMass AAAC Plus	0.57	6	0.47	0.15	0.33	0.73
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.44	8	0.52	0.14	0.37	0.68
20261006002	Derivatized - MS/MS non-kit	0.44	53	0.48	0.11	0.01	0.70
20261006002	Derivatized - MassChrom MS/MS	0.44	15	0.43	0.07	0.31	0.59
20261006002	FIA-MS/MS non-derivatized, non-kit	0.44	12	0.46	0.05	0.36	0.54
20261006002	LC-MS/MS non-kit	0.44	13	0.53	0.20	0.29	0.96
20261006002	Non-derivatized - MassChrom MS/MS	0.44	35	0.43	0.06	0.30	0.53
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.44	125	0.55	0.09	0.34	0.98
20261006002	Non-derivatized - NeoBase MS/MS	0.44	18	0.46	0.07	0.34	0.57
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.44	6	0.33	0.05	0.26	0.38
20261006002	Non-derivatized - NeoMass AAAC Plus	0.44	6	0.37	0.07	0.31	0.49
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.44	9	0.72	0.39	0.40	1.54
20261006003	Derivatized - MS/MS non-kit	0.44	53	0.49	0.12	0.01	0.76
20261006003	Derivatized - MassChrom MS/MS	0.44	15	0.45	0.06	0.35	0.58
20261006003	FIA-MS/MS non-derivatized, non-kit	0.44	12	0.47	0.07	0.34	0.57
20261006003	LC-MS/MS non-kit	0.44	13	0.49	0.16	0.24	0.81
20261006003	Non-derivatized - MassChrom MS/MS	0.44	35	0.45	0.07	0.32	0.64
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.44	125	0.56	0.10	0.40	1.11
20261006003	Non-derivatized - NeoBase MS/MS	0.44	18	0.49	0.07	0.37	0.63
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.44	6	0.35	0.07	0.24	0.43
20261006003	Non-derivatized - NeoMass AAAC Plus	0.44	6	0.35	0.05	0.31	0.43
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.43	7	0.53	0.17	0.42	0.84
20261006004	Derivatized - MS/MS non-kit	0.43	53	0.50	0.12	0.01	0.98
20261006004	Derivatized - MassChrom MS/MS	0.43	15	0.45	0.11	0.35	0.83
20261006004	FIA-MS/MS non-derivatized, non-kit	0.43	12	0.48	0.05	0.38	0.57
20261006004	LC-MS/MS non-kit	0.43	13	0.47	0.18	0.05	0.73

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Non-derivatized - MassChrom MS/MS	0.43	35	0.44	0.07	0.32	0.56
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.43	124	0.55	0.08	0.37	0.84
20261006004	Non-derivatized - NeoBase MS/MS	0.43	18	0.47	0.07	0.35	0.63
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.43	6	0.33	0.08	0.23	0.43
20261006004	Non-derivatized - NeoMass AAAC Plus	0.43	6	0.38	0.12	0.25	0.58
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.30	8	0.40	0.10	0.28	0.54
20261006005	Derivatized - MS/MS non-kit	0.30	53	0.39	0.10	0.01	0.68
20261006005	Derivatized - MassChrom MS/MS	0.30	15	0.37	0.07	0.25	0.49
20261006005	FIA-MS/MS non-derivatized, non-kit	0.30	12	0.36	0.08	0.28	0.55
20261006005	LC-MS/MS non-kit	0.30	13	0.37	0.11	0.20	0.65
20261006005	Non-derivatized - MassChrom MS/MS	0.30	35	0.35	0.06	0.17	0.53
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.30	125	0.43	0.12	0.05	1.03
20261006005	Non-derivatized - NeoBase MS/MS	0.30	18	0.37	0.03	0.30	0.43
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.30	6	0.26	0.06	0.20	0.33
20261006005	Non-derivatized - NeoMass AAAC Plus	0.30	6	0.28	0.05	0.24	0.37

4.3.20.C16OH (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.01	0.01	0.00	0.03
20261006001	Derivatized - MS/MS non-kit	0.01	51	0.02	0.02	0.00	0.09
20261006001	Derivatized - MassChrom MS/MS	0.01	14	0.01	0.00	0.01	0.02
20261006001	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.01	0.00	0.02
20261006001	LC-MS/MS non-kit	0.01	9	0.02	0.02	0.00	0.05
20261006001	Non-derivatized - MassChrom MS/MS	0.01	40	0.01	0.01	0.00	0.05
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.01	126	0.01	0.01	0.00	0.03
20261006001	Non-derivatized - NeoBase MS/MS	0.01	19	0.01	0.00	0.00	0.01
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.01	0.00	0.01
20261006001	Non-derivatized - NeoMass AAAC Plus	0.01	6	0.01	0.01	0.00	0.01
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	1.71	7	0.67	0.38	0.07	1.22
20261006002	Derivatized - MS/MS non-kit	1.71	53	0.92	0.34	0.01	1.68
20261006002	Derivatized - MassChrom MS/MS	1.71	15	0.94	0.42	0.50	2.08

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006002	FIA-MS/MS non-derivatized, non-kit	1.71	12	1.05	0.23	0.50	1.37
20261006002	LC-MS/MS non-kit	1.71	8	1.19	0.32	0.89	1.95
20261006002	Non-derivatized - MassChrom MS/MS	1.71	40	0.97	0.29	0.43	2.17
20261006002	Non-derivatized - NeoBase 2 MS/MS	1.71	125	0.91	0.16	0.62	1.44
20261006002	Non-derivatized - NeoBase MS/MS	1.71	19	0.78	0.09	0.63	0.97
20261006002	Non-derivatized - NeoMass AAAC 3.0	1.71	5	0.61	0.12	0.43	0.75
20261006002	Non-derivatized - NeoMass AAAC Plus	1.71	5	0.56	0.08	0.48	0.67
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.01	0.01	0.00	0.04
20261006003	Derivatized - MS/MS non-kit	0.01	52	0.02	0.02	0.00	0.08
20261006003	Derivatized - MassChrom MS/MS	0.01	14	0.01	0.01	0.00	0.02
20261006003	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.01	0.00	0.03
20261006003	LC-MS/MS non-kit	0.01	9	0.02	0.02	0.00	0.04
20261006003	Non-derivatized - MassChrom MS/MS	0.01	40	0.01	0.01	0.00	0.04
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.01	126	0.01	0.01	0.00	0.04
20261006003	Non-derivatized - NeoBase MS/MS	0.01	19	0.01	0.01	0.00	0.02
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.00	0.01	0.00	0.01
20261006003	Non-derivatized - NeoMass AAAC Plus	0.01	6	0.01	0.01	0.00	0.02
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.01	0.01	0.00	0.03
20261006004	Derivatized - MS/MS non-kit	0.01	53	0.02	0.02	0.00	0.11
20261006004	Derivatized - MassChrom MS/MS	0.01	14	0.01	0.01	0.00	0.02
20261006004	FIA-MS/MS non-derivatized, non-kit	0.01	12	0.01	0.00	0.00	0.01
20261006004	LC-MS/MS non-kit	0.01	9	0.01	0.01	0.00	0.03
20261006004	Non-derivatized - MassChrom MS/MS	0.01	40	0.01	0.01	0.00	0.07
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.01	126	0.01	0.01	0.00	0.04
20261006004	Non-derivatized - NeoBase MS/MS	0.01	19	0.01	0.00	0.00	0.01
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.00	0.01	0.00	0.01
20261006004	Non-derivatized - NeoMass AAAC Plus	0.01	6	0.01	0.01	0.00	0.01
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.02	0.02	0.00	0.05
20261006005	Derivatized - MS/MS non-kit	0.01	52	0.01	0.02	0.00	0.08
20261006005	Derivatized - MassChrom MS/MS	0.01	14	0.01	0.01	0.00	0.03
20261006005	FIA-MS/MS non-derivatized, non-kit	0.01	11	0.01	0.00	0.00	0.01

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006005	LC-MS/MS non-kit	0.01	9	0.01	0.01	0.00	0.03
20261006005	Non-derivatized - MassChrom MS/MS	0.01	40	0.01	0.01	0.00	0.04
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.01	126	0.01	0.01	0.00	0.04
20261006005	Non-derivatized - NeoBase MS/MS	0.01	19	0.01	0.01	0.00	0.03
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.00	0.01	0.00	0.01
20261006005	Non-derivatized - NeoMass AAAC Plus	0.01	6	0.01	0.01	0.00	0.01

4.3.21. C18 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.42	9	0.50	0.20	0.25	0.83
20261006001	Derivatized - MS/MS non-kit	0.42	49	0.50	0.14	0.22	1.10
20261006001	Derivatized - MassChrom MS/MS	0.42	15	0.53	0.08	0.42	0.65
20261006001	FIA-MS/MS non-derivatized, non-kit	0.42	12	0.50	0.10	0.37	0.63
20261006001	LC-MS/MS non-kit	0.42	10	0.55	0.14	0.42	0.89
20261006001	Non-derivatized - MassChrom MS/MS	0.42	32	0.53	0.11	0.35	0.85
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.42	118	0.52	0.09	0.33	0.78
20261006001	Non-derivatized - NeoBase MS/MS	0.42	17	0.49	0.06	0.38	0.60
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.42	6	0.37	0.08	0.28	0.47
20261006001	Non-derivatized - NeoMass AAAC Plus	0.42	6	0.40	0.18	0.21	0.71
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.34	9	0.48	0.33	0.23	1.18
20261006002	Derivatized - MS/MS non-kit	0.34	49	0.37	0.08	0.16	0.56
20261006002	Derivatized - MassChrom MS/MS	0.34	15	0.38	0.07	0.24	0.50
20261006002	FIA-MS/MS non-derivatized, non-kit	0.34	12	0.37	0.06	0.29	0.44
20261006002	LC-MS/MS non-kit	0.34	9	0.38	0.04	0.29	0.42
20261006002	Non-derivatized - MassChrom MS/MS	0.34	32	0.37	0.07	0.23	0.53
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.34	117	0.38	0.05	0.26	0.57
20261006002	Non-derivatized - NeoBase MS/MS	0.34	17	0.37	0.04	0.29	0.44
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.34	6	0.28	0.05	0.21	0.35
20261006002	Non-derivatized - NeoMass AAAC Plus	0.34	6	0.29	0.06	0.21	0.40
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.34	9	0.46	0.23	0.27	0.88
20261006003	Derivatized - MS/MS non-kit	0.34	49	0.39	0.10	0.19	0.67

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006003	Derivatized - MassChrom MS/MS	0.34	15	0.38	0.08	0.25	0.56
20261006003	FIA-MS/MS non-derivatized, non-kit	0.34	12	0.37	0.06	0.27	0.46
20261006003	LC-MS/MS non-kit	0.34	9	0.39	0.06	0.30	0.49
20261006003	Non-derivatized - MassChrom MS/MS	0.34	32	0.38	0.07	0.20	0.59
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.34	117	0.38	0.05	0.30	0.67
20261006003	Non-derivatized - NeoBase MS/MS	0.34	17	0.38	0.04	0.33	0.47
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.34	6	0.27	0.05	0.21	0.32
20261006003	Non-derivatized - NeoMass AAAC Plus	0.34	6	0.26	0.04	0.21	0.32
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.33	9	0.43	0.21	0.24	0.85
20261006004	Derivatized - MS/MS non-kit	0.33	49	0.38	0.11	0.13	0.71
20261006004	Derivatized - MassChrom MS/MS	0.33	15	0.37	0.10	0.19	0.55
20261006004	FIA-MS/MS non-derivatized, non-kit	0.33	12	0.38	0.05	0.30	0.47
20261006004	LC-MS/MS non-kit	0.33	9	0.42	0.05	0.35	0.50
20261006004	Non-derivatized - MassChrom MS/MS	0.33	32	0.38	0.06	0.20	0.47
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.33	118	0.39	0.08	0.03	0.88
20261006004	Non-derivatized - NeoBase MS/MS	0.33	17	0.37	0.04	0.28	0.45
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.33	6	0.26	0.06	0.17	0.32
20261006004	Non-derivatized - NeoMass AAAC Plus	0.33	6	0.34	0.17	0.22	0.67
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.17	9	0.40	0.40	0.14	1.37
20261006005	Derivatized - MS/MS non-kit	0.17	49	0.27	0.10	0.12	0.72
20261006005	Derivatized - MassChrom MS/MS	0.17	15	0.26	0.06	0.18	0.36
20261006005	FIA-MS/MS non-derivatized, non-kit	0.17	12	0.23	0.08	0.15	0.39
20261006005	LC-MS/MS non-kit	0.17	9	0.20	0.07	0.10	0.34
20261006005	Non-derivatized - MassChrom MS/MS	0.17	32	0.26	0.06	0.13	0.42
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.17	118	0.25	0.08	0.14	0.73
20261006005	Non-derivatized - NeoBase MS/MS	0.17	17	0.25	0.04	0.18	0.34
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.17	6	0.18	0.05	0.12	0.26
20261006005	Non-derivatized - NeoMass AAAC Plus	0.17	6	0.16	0.04	0.12	0.21

4.3.22.C18:1 (µmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.46	7	0.56	0.16	0.31	0.73
20261006001	Derivatized - MS/MS non-kit	0.46	47	0.56	0.15	0.05	0.89
20261006001	Derivatized - MassChrom MS/MS	0.46	15	0.68	0.33	0.26	1.67
20261006001	FIA-MS/MS non-derivatized, non-kit	0.46	12	0.68	0.20	0.36	1.02
20261006001	LC-MS/MS non-kit	0.46	9	0.61	0.40	0.01	1.52
20261006001	Non-derivatized - MassChrom MS/MS	0.46	28	0.66	0.26	0.29	1.49
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.46	117	0.61	0.09	0.39	1.10
20261006001	Non-derivatized - NeoBase MS/MS	0.46	17	0.58	0.07	0.47	0.70
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.46	4	0.49	0.16	0.30	0.67
20261006001	Non-derivatized - NeoMass AAAC Plus	0.46	6	0.53	0.19	0.31	0.87
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	0.72	6	0.86	0.59	0.48	2.05
20261006002	Derivatized - MS/MS non-kit	0.72	47	0.79	0.23	0.06	1.25
20261006002	Derivatized - MassChrom MS/MS	0.72	14	0.87	0.28	0.35	1.59
20261006002	FIA-MS/MS non-derivatized, non-kit	0.72	12	0.95	0.30	0.52	1.68
20261006002	LC-MS/MS non-kit	0.72	9	0.86	0.41	0.01	1.53
20261006002	Non-derivatized - MassChrom MS/MS	0.72	28	0.96	0.34	0.35	1.99
20261006002	Non-derivatized - NeoBase 2 MS/MS	0.72	117	0.88	0.14	0.10	1.35
20261006002	Non-derivatized - NeoBase MS/MS	0.72	17	0.86	0.13	0.63	1.11
20261006002	Non-derivatized - NeoMass AAAC 3.0	0.72	4	0.71	0.22	0.45	0.98
20261006002	Non-derivatized - NeoMass AAAC Plus	0.72	6	0.68	0.11	0.57	0.86
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.72	7	0.71	0.13	0.46	0.85
20261006003	Derivatized - MS/MS non-kit	0.72	47	0.82	0.24	0.06	1.30
20261006003	Derivatized - MassChrom MS/MS	0.72	14	0.86	0.27	0.48	1.65
20261006003	FIA-MS/MS non-derivatized, non-kit	0.72	12	1.02	0.32	0.55	1.62
20261006003	LC-MS/MS non-kit	0.72	9	0.88	0.44	0.02	1.59
20261006003	Non-derivatized - MassChrom MS/MS	0.72	25	0.97	0.27	0.60	2.01
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.72	117	0.90	0.14	0.58	1.64
20261006003	Non-derivatized - NeoBase MS/MS	0.72	17	0.90	0.14	0.73	1.15
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.72	4	0.77	0.22	0.51	0.99
20261006003	Non-derivatized - NeoMass AAAC Plus	0.72	6	0.70	0.09	0.64	0.87

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.70	7	0.71	0.12	0.52	0.90
20261006004	Derivatized - MS/MS non-kit	0.70	47	0.83	0.26	0.06	1.37
20261006004	Derivatized - MassChrom MS/MS	0.70	14	0.90	0.34	0.39	1.93
20261006004	FIA-MS/MS non-derivatized, non-kit	0.70	12	1.01	0.27	0.62	1.66
20261006004	LC-MS/MS non-kit	0.70	9	0.91	0.43	0.01	1.50
20261006004	Non-derivatized - MassChrom MS/MS	0.70	28	0.98	0.38	0.35	2.37
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.70	117	0.91	0.16	0.59	1.64
20261006004	Non-derivatized - NeoBase MS/MS	0.70	17	0.88	0.14	0.63	1.15
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.70	4	0.70	0.22	0.45	0.95
20261006004	Non-derivatized - NeoMass AAAC Plus	0.70	6	0.75	0.13	0.66	1.01
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.18	7	0.46	0.34	0.13	0.93
20261006005	Derivatized - MS/MS non-kit	0.18	47	0.28	0.11	0.05	0.68
20261006005	Derivatized - MassChrom MS/MS	0.18	15	0.31	0.14	0.15	0.64
20261006005	FIA-MS/MS non-derivatized, non-kit	0.18	12	0.32	0.11	0.17	0.55
20261006005	LC-MS/MS non-kit	0.18	8	0.20	0.10	0.02	0.32
20261006005	Non-derivatized - MassChrom MS/MS	0.18	28	0.30	0.10	0.12	0.62
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.18	116	0.27	0.05	0.11	0.45
20261006005	Non-derivatized - NeoBase MS/MS	0.18	17	0.26	0.04	0.22	0.35
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.18	4	0.22	0.07	0.12	0.28
20261006005	Non-derivatized - NeoMass AAAC Plus	0.18	6	0.27	0.07	0.20	0.38

4.3.23. C18OH ($\mu\text{mol/L}$)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.01	0.01	0.00	0.02
20261006001	Derivatized - MS/MS non-kit	0.01	34	0.02	0.04	0.00	0.19
20261006001	Derivatized - MassChrom MS/MS	0.01	14	0.02	0.02	0.00	0.07
20261006001	FIA-MS/MS non-derivatized, non-kit	0.01	11	0.01	0.01	0.00	0.01
20261006001	LC-MS/MS non-kit	0.01	7	0.02	0.02	0.00	0.07
20261006001	Non-derivatized - MassChrom MS/MS	0.01	27	0.01	0.01	0.00	0.05
20261006001	Non-derivatized - NeoBase 2 MS/MS	0.01	111	0.01	0.01	0.00	0.05
20261006001	Non-derivatized - NeoBase MS/MS	0.01	17	0.00	0.01	0.00	0.02

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006001	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.02	0.00	0.04
20261006001	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.01	0.01	0.00	0.01
20261006002	Derivatized - ClinSpot Complete LC-MS/MS	2.01	7	1.11	1.00	0.01	3.18
20261006002	Derivatized - MS/MS non-kit	2.01	35	1.47	0.78	0.01	3.88
20261006002	Derivatized - MassChrom MS/MS	2.01	12	1.55	0.22	1.27	1.99
20261006002	FIA-MS/MS non-derivatized, non-kit	2.01	11	1.37	0.60	0.17	2.42
20261006002	LC-MS/MS non-kit	2.01	7	2.03	1.16	0.09	3.42
20261006002	Non-derivatized - MassChrom MS/MS	2.01	28	1.48	0.60	0.29	2.90
20261006002	Non-derivatized - NeoBase 2 MS/MS	2.01	112	1.34	0.35	0.00	2.57
20261006002	Non-derivatized - NeoBase MS/MS	2.01	17	1.28	0.15	1.01	1.59
20261006002	Non-derivatized - NeoMass AAAC 3.0	2.01	5	1.00	0.19	0.73	1.25
20261006002	Non-derivatized - NeoMass AAAC Plus	2.01	4	1.00	0.22	0.85	1.32
20261006003	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.02	0.01	0.00	0.03
20261006003	Derivatized - MS/MS non-kit	0.01	34	0.02	0.02	0.00	0.11
20261006003	Derivatized - MassChrom MS/MS	0.01	14	0.02	0.02	0.00	0.08
20261006003	FIA-MS/MS non-derivatized, non-kit	0.01	11	0.02	0.04	0.00	0.12
20261006003	LC-MS/MS non-kit	0.01	7	0.03	0.03	0.00	0.08
20261006003	Non-derivatized - MassChrom MS/MS	0.01	27	0.00	0.01	0.00	0.01
20261006003	Non-derivatized - NeoBase 2 MS/MS	0.01	111	0.01	0.01	0.00	0.05
20261006003	Non-derivatized - NeoBase MS/MS	0.01	17	0.01	0.01	0.00	0.03
20261006003	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.01	0.00	0.01
20261006003	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.01	0.01	0.00	0.02
20261006004	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.01	0.00	0.00	0.01
20261006004	Derivatized - MS/MS non-kit	0.01	34	0.02	0.02	0.00	0.08
20261006004	Derivatized - MassChrom MS/MS	0.01	14	0.02	0.02	0.00	0.08
20261006004	FIA-MS/MS non-derivatized, non-kit	0.01	11	0.01	0.01	0.00	0.01
20261006004	LC-MS/MS non-kit	0.01	7	0.02	0.03	0.00	0.08
20261006004	Non-derivatized - MassChrom MS/MS	0.01	27	0.00	0.01	0.00	0.04
20261006004	Non-derivatized - NeoBase 2 MS/MS	0.01	111	0.00	0.01	0.00	0.05
20261006004	Non-derivatized - NeoBase MS/MS	0.01	17	0.00	0.00	0.00	0.01
20261006004	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.00	0.01	0.00	0.01

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261006004	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.01	0.01	0.00	0.01
20261006005	Derivatized - ClinSpot Complete LC-MS/MS	0.01	7	0.01	0.01	0.00	0.02
20261006005	Derivatized - MS/MS non-kit	0.01	35	0.02	0.02	0.00	0.08
20261006005	Derivatized - MassChrom MS/MS	0.01	14	0.01	0.01	0.00	0.04
20261006005	FIA-MS/MS non-derivatized, non-kit	0.01	11	0.00	0.01	0.00	0.01
20261006005	LC-MS/MS non-kit	0.01	7	0.02	0.03	0.00	0.07
20261006005	Non-derivatized - MassChrom MS/MS	0.01	27	0.00	0.00	0.00	0.01
20261006005	Non-derivatized - NeoBase 2 MS/MS	0.01	111	0.00	0.01	0.00	0.04
20261006005	Non-derivatized - NeoBase MS/MS	0.01	17	0.00	0.01	0.00	0.02
20261006005	Non-derivatized - NeoMass AAAC 3.0	0.01	5	0.01	0.01	0.00	0.01
20261006005	Non-derivatized - NeoMass AAAC Plus	0.01	5	0.01	0.01	0.00	0.02

4.4. BIOTPT

4.4.1. BIOT

Specimen Number	Units	Method	N	Mean	SD	Min	Max
20261007001	U/dL	GSP Neonatal Biotinidase - BIOT	75	160.58	35.34	102.3	281.1
20261007001	nmol/min/dL	Labsystems Neonatal Biotinidase- BIOT	33	215.50	51.81	111.0	294.3
20261007001	nmol/min/mL	NeoLISA BIO Intercientifica quantitative - BIOT	4	17.98	10.75	9.2	32.5
20261007001	qualitative	Non-kit qualitative colorimetric - BIOT	7	33.39	42.54	0.0	102.7
20261007001	U/dL	Non-kit quantitative colorimetric - BIOT	6	71.03	90.40	3.5	204.3
20261007001	ERU (1nmol/min/dL)	Revvity Neonatal Biotinidase- BIOT	62	175.99	26.49	97.0	249.2
20261007001	ERU (1µmol/dL/90min)	SPOTCHECK Biotinidase 50 Hour	9	77.11	62.39	32.0	167.0
20261007001	MRU (1µmol/dL/240min@37°C)	SPOTCHECK Biotinidase Microplate	5	108.70	12.83	92.9	128.6
20261007001	semi-quantitative	Trimaris Neonatal Biotinidase	5	211.34	40.88	162.8	251.6
20261007001	ZRU (ZenTech Relative Unit)	ZenTech Neonatal Biotinidase - BIOT	21	107.03	29.82	46.1	184.4
20261007002	U/dL	GSP Neonatal Biotinidase - BIOT	75	187.17	36.24	119.1	330.1

Specimen Number	Units	Method	N	Mean	SD	Min	Max
20261007002	nmol/min/dL	Labsystems Neonatal Biotinidase- BIOT	33	242.07	61.92	104.4	386.4
20261007002	nmol/min/mL	NeoLISA BIO Intercientifica quantitative - BIOT	4	13.35	3.72	11.2	18.9
20261007002	qualitative	Non-kit qualitative colorimetric - BIOT	7	37.89	48.24	0.0	116.2
20261007002	U/dL	Non-kit quantitative colorimetric - BIOT	6	71.38	90.10	3.5	199.1
20261007002	ERU (1nmol/min/dL)	Revvity Neonatal Biotinidase- BIOT	62	207.04	38.01	93.0	327.6
20261007002	ERU (1µmol/dL/90min)	SPOTCHECK Biotinidase 50 Hour	9	90.39	69.17	34.6	182.6
20261007002	MRU (1µmol/dL/240min@37°C)	SPOTCHECK Biotinidase Microplate	5	120.84	19.24	98.9	147.6
20261007002	semi-quantitative	Trimaris Neonatal Biotinidase	5	225.20	34.00	182.4	260.2
20261007002	ZRU (ZenTech Relative Unit)	ZenTech Neonatal Biotinidase - BIOT	21	121.81	36.28	56.4	219.6
20261007003	U/dL	GSP Neonatal Biotinidase - BIOT	75	151.24	31.01	109.2	257.5
20261007003	nmol/min/dL	Labsystems Neonatal Biotinidase- BIOT	33	217.62	48.29	123.0	318.3
20261007003	nmol/min/mL	NeoLISA BIO Intercientifica quantitative - BIOT	4	16.20	5.40	12.0	23.4
20261007003	qualitative	Non-kit qualitative colorimetric - BIOT	7	34.24	43.95	0.0	108.1
20261007003	U/dL	Non-kit quantitative colorimetric - BIOT	6	58.97	72.00	3.8	164.4
20261007003	ERU (1nmol/min/dL)	Revvity Neonatal Biotinidase- BIOT	61	177.51	30.58	89.0	240.2
20261007003	ERU (1µmol/dL/90min)	SPOTCHECK Biotinidase 50 Hour	9	82.44	68.39	28.4	181.5
20261007003	MRU (1µmol/dL/240min@37°C)	SPOTCHECK Biotinidase Microplate	5	107.34	18.00	92.6	137.5
20261007003	semi-quantitative	Trimaris Neonatal Biotinidase	5	183.74	18.04	161.6	202.4
20261007003	ZRU (ZenTech Relative Unit)	ZenTech Neonatal Biotinidase - BIOT	21	112.57	36.00	44.9	197.4
20261007004	U/dL	GSP Neonatal Biotinidase - BIOT	70	14.65	2.97	0.0	26.9
20261007004	nmol/min/dL	Labsystems Neonatal Biotinidase- BIOT	33	19.40	5.76	8.2	32.1
20261007004	nmol/min/mL	NeoLISA BIO Intercientifica quantitative - BIOT	4	1.68	1.34	0.5	3.6

Specimen Number	Units	Method	N	Mean	SD	Min	Max
20261007004	qualitative	Non-kit qualitative colorimetric - BIOT	7	3.71	5.49	-1.0	13.0
20261007004	U/dL	Non-kit quantitative colorimetric - BIOT	7	20.39	33.80	0.1	95.0
20261007004	ERU (1nmol/min/dL)	Revvity Neonatal Biotinidase-BIOT	62	18.75	5.92	0.0	30.9
20261007004	ERU (1µmol/dL/90min)	SPOTCHECK Biotinidase 50 Hour	9	2.20	1.09	0.9	3.8
20261007004	MRU (1µmol/dL/240min@37°C)	SPOTCHECK Biotinidase Microplate	5	6.24	1.42	4.2	7.9
20261007004	semi-quantitative	Trimaris Neonatal Biotinidase	5	10.74	1.56	9.0	12.8
20261007004	ZRU (ZenTech Relative Unit)	ZenTech Neonatal Biotinidase - BIOT	20	6.08	4.57	0.0	15.3
20261007005	U/dL	GSP Neonatal Biotinidase - BIOT	75	186.15	40.18	131.1	335.7
20261007005	nmol/min/dL	Labsystems Neonatal Biotinidase- BIOT	33	246.21	48.05	143.2	339.0
20261007005	nmol/min/mL	NeoLISA BIO Intercientifica quantitative - BIOT	4	16.73	2.04	14.7	19.4
20261007005	qualitative	Non-kit qualitative colorimetric - BIOT	7	36.93	47.30	0.0	113.9
20261007005	U/dL	Non-kit quantitative colorimetric - BIOT	6	70.15	88.76	3.8	202.5
20261007005	ERU (1nmol/min/dL)	Revvity Neonatal Biotinidase-BIOT	62	208.84	38.95	96.0	318.2
20261007005	ERU (1µmol/dL/90min)	SPOTCHECK Biotinidase 50 Hour	9	107.26	98.22	36.8	263.6
20261007005	MRU (1µmol/dL/240min@37°C)	SPOTCHECK Biotinidase Microplate	5	114.76	16.48	89.6	131.9
20261007005	semi-quantitative	Trimaris Neonatal Biotinidase	5	206.28	42.00	166.5	253.7
20261007005	ZRU (ZenTech Relative Unit)	ZenTech Neonatal Biotinidase - BIOT	21	121.69	44.38	45.0	230.3

4.5. DMDPT

4.5.1. CK-MM (ng/mL)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A18001	GSP Neonatal Creatine Kinase-MM (CK-MM)	13,246.0	4	10,221.6	4,442.2	6,350.0	14,812.5
20261A18002	GSP Neonatal Creatine Kinase-MM (CK-MM)	1,197.1	4	1,292.2	143.1	1,160.0	1,495.5

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261A18003	GSP Neonatal Creatine Kinase-MM (CK-MM)	6,072.0	4	6,023.0	485.6	5,320.0	6,350.0
20261A18004	GSP Neonatal Creatine Kinase-MM (CK-MM)	50.8	4	56.9	5.7	49.0	62.3
20261A18005	GSP Neonatal Creatine Kinase-MM (CK-MM)	1,728.7	4	1,705.7	159.4	1,561.7	1,861.3

4.6. G6PDPT

4.6.1. G6PD

Specimen Number	Units	Method	N	Mean	SD	Min	Max
20261003001	U/g Hb	BornSafe Neonatal G6PD	3	4.4	2.5	2.1	7.1
20261003001	U/dL blood	GSP Neonatal G6PD	22	68.0	11.4	44.7	94.1
20261003001	IU/g Hb	Labsystems Neonatal G6PD	18	13.7	5.0	3.3	25.0
20261003001	U/g Hb	Revivity Neonatal G6PD	55	6.3	0.7	4.7	8.1
20261003001	µmol/L blood	SPOTCHECK G6PD 50 Hour	3	97.4	35.0	72.0	137.3
20261003001	U/g Hb	ZenTech Neonatal G6PD	16	9.9	1.1	7.4	12.4
20261003002	U/g Hb	BornSafe Neonatal G6PD	3	0.3	0.2	0.2	0.5
20261003002	U/dL blood	GSP Neonatal G6PD	22	1.2	1.2	0.0	4.1
20261003002	IU/g Hb	Labsystems Neonatal G6PD	18	0.2	0.2	0.0	0.6
20261003002	U/g Hb	Revivity Neonatal G6PD	55	0.2	0.3	-0.3	1.3
20261003002	µmol/L blood	SPOTCHECK G6PD 50 Hour	3	2.6	0.6	2.1	3.2
20261003002	U/g Hb	ZenTech Neonatal G6PD	16	0.3	0.4	0.0	1.6
20261003003	U/g Hb	BornSafe Neonatal G6PD	3	5.1	2.7	2.4	7.7
20261003003	U/dL blood	GSP Neonatal G6PD	22	65.7	10.5	44.2	89.5
20261003003	IU/g Hb	Labsystems Neonatal G6PD	18	12.8	4.4	3.3	20.5
20261003003	U/g Hb	Revivity Neonatal G6PD	55	6.2	0.6	4.1	7.8
20261003003	µmol/L blood	SPOTCHECK G6PD 50 Hour	3	110.7	58.3	70.0	177.5
20261003003	U/g Hb	ZenTech Neonatal G6PD	16	8.8	2.6	0.1	12.0
20261003004	U/g Hb	BornSafe Neonatal G6PD	3	4.1	1.6	2.6	5.7
20261003004	U/dL blood	GSP Neonatal G6PD	22	68.7	11.7	45.5	94.3
20261003004	IU/g Hb	Labsystems Neonatal G6PD	18	14.4	5.0	3.4	22.9
20261003004	U/g Hb	Revivity Neonatal G6PD	55	6.5	0.7	4.8	8.1

Specimen Number	Units	Method	N	Mean	SD	Min	Max
20261003004	µmol/L blood	SPOTCHECK G6PD 50 Hour	3	80.5	53.4	38.0	140.5
20261003004	U/g Hb	ZenTech Neonatal G6PD	16	9.7	1.6	6.6	12.4
20261003005	U/g Hb	BornSafe Neonatal G6PD	3	3.3	1.3	2.1	4.7
20261003005	U/dL blood	GSP Neonatal G6PD	22	70.6	12.6	46.9	97.7
20261003005	IU/g Hb	Labsystems Neonatal G6PD	18	14.5	5.2	3.4	26.1
20261003005	U/g Hb	Revity Neonatal G6PD	55	6.6	0.7	4.5	8.2
20261003005	µmol/L blood	SPOTCHECK G6PD 50 Hour	3	75.9	9.4	70.0	86.7
20261003005	U/g Hb	ZenTech Neonatal G6PD	16	10.2	2.2	5.4	13.2

4.7. GALTPT

4.7.1. GALT

Specimen Number	Units	Method	N	Mean	SD	Min	Max
20261009001	U/dL blood	GSP Neonatal GALT Revity	45	0.88	0.87	0.0	2.5
20261009001	U/g Hb	Labsystems Neonatal GALT	18	0.30	0.15	0.1	0.6
20261009001	unspecified	Qualitative fluorometric non-kit - GALT	4	3.00	3.46	0.0	8.0
20261009001	U/g Hb	Revity Neonatal Galactose Transferase kit	55	1.56	0.43	0.6	2.5
20261009001	U/g Hb	SPOTCHECK Neonatal GALT Microplate kit	6	0.63	0.18	0.4	0.9
20261009001	µmol/L blood	SPOTCHECK Uridyltransferase 50 Hour	7	6.34	2.83	2.5	11.5
20261009002	U/dL blood	GSP Neonatal GALT Revity	49	16.89	3.94	8.8	25.3
20261009002	U/g Hb	Labsystems Neonatal GALT	18	7.16	1.27	4.4	8.9
20261009002	unspecified	Qualitative fluorometric non-kit - GALT	4	79.50	26.71	54.0	105.0
20261009002	U/g Hb	Revity Neonatal Galactose Transferase kit	56	7.38	1.80	3.3	12.2
20261009002	U/g Hb	SPOTCHECK Neonatal GALT Microplate kit	6	7.83	1.33	6.5	9.6
20261009002	µmol/L blood	SPOTCHECK Uridyltransferase 50 Hour	7	252.74	33.22	193.0	293.8
20261009003	U/dL blood	GSP Neonatal GALT Revity	50	12.57	2.37	7.4	17.5
20261009003	U/g Hb	Labsystems Neonatal GALT	18	5.56	0.70	4.2	6.6
20261009003	unspecified	Qualitative fluorometric non-kit - GALT	4	68.00	27.99	37.0	100.0
20261009003	U/g Hb	Revity Neonatal Galactose Transferase kit	56	6.46	1.50	3.4	9.8
20261009003	U/g Hb	SPOTCHECK Neonatal GALT Microplate kit	6	5.93	0.96	4.7	7.3
20261009003	µmol/L blood	SPOTCHECK Uridyltransferase 50 Hour	7	177.40	24.87	144.5	213.8
20261009004	U/dL blood	GSP Neonatal GALT Revity	50	12.67	2.79	7.1	18.8

Specimen Number	Units	Method	N	Mean	SD	Min	Max
20261009004	U/g Hb	Labsystems Neonatal GALT	18	4.76	1.06	1.4	6.1
20261009004	unspecified	Qualitative fluorometric non-kit - GALT	4	70.12	28.71	41.0	96.5
20261009004	U/g Hb	Revvity Neonatal Galactose Transferase kit	56	6.27	1.69	2.6	13.2
20261009004	U/g Hb	SPOTCHECK Neonatal GALT Microplate kit	6	5.55	0.74	4.5	6.5
20261009004	μmol/L blood	SPOTCHECK Uridyltransferase 50 Hour	7	173.86	19.95	150.0	205.8
20261009005	U/dL blood	GSP Neonatal GALT Revvity	49	14.25	3.06	7.9	21.8
20261009005	U/g Hb	Labsystems Neonatal GALT	18	6.91	1.55	4.5	9.8
20261009005	unspecified	Qualitative fluorometric non-kit - GALT	4	82.00	46.15	43.0	139.0
20261009005	U/g Hb	Revvity Neonatal Galactose Transferase kit	56	7.15	2.69	4.1	23.6
20261009005	U/g Hb	SPOTCHECK Neonatal GALT Microplate kit	6	6.18	0.86	5.4	7.4
20261009005	μmol/L blood	SPOTCHECK Uridyltransferase 50 Hour	7	222.44	40.56	172.0	294.6

4.8. HORMPT

4.8.1. T4 (µg/dL serum)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261001001	AutoDELFI Neonatal Thyroxine - T4	1.5	15	2.0	0.5	1.1	2.8
20261001001	DELFI Neonatal Thyroxine - T4	1.5	9	1.5	0.6	0.8	2.2
20261001001	GSP Neonatal Thyroxine - T4	1.5	25	1.8	0.3	1.2	2.4
20261001002	AutoDELFI Neonatal Thyroxine - T4	15.9	15	14.3	1.5	11.1	16.3
20261001002	DELFI Neonatal Thyroxine - T4	15.9	9	14.8	1.5	12.8	17.8
20261001002	GSP Neonatal Thyroxine - T4	15.9	30	14.4	2.0	10.7	19.8
20261001002	NeoMAP 4Plex - T4	15.9	3	15.9	1.5	14.8	17.6
20261001003	AutoDELFI Neonatal Thyroxine - T4	15.7	15	14.6	1.5	11.3	18.1
20261001003	DELFI Neonatal Thyroxine - T4	15.7	9	15.6	2.0	11.9	18.9
20261001003	GSP Neonatal Thyroxine - T4	15.7	30	15.2	2.4	10.8	20.7
20261001003	NeoMAP 4Plex - T4	15.7	3	16.4	0.8	15.9	17.4
20261001004	AutoDELFI Neonatal Thyroxine - T4	15.8	15	15.5	1.3	12.3	17.4
20261001004	DELFI Neonatal Thyroxine - T4	15.8	9	15.9	1.6	12.3	17.6
20261001004	GSP Neonatal Thyroxine - T4	15.8	30	16.2	2.0	13.1	20.4
20261001004	NeoMAP 4Plex - T4	15.8	3	16.8	0.6	16.1	17.2
20261001005	AutoDELFI Neonatal Thyroxine - T4	15.8	15	16.2	1.9	11.7	18.3
20261001005	DELFI Neonatal Thyroxine - T4	15.8	9	17.5	1.7	15.1	21.0
20261001005	GSP Neonatal Thyroxine - T4	15.8	30	17.5	2.1	13.3	21.0
20261001005	NeoMAP 4Plex - T4	15.8	3	17.8	0.9	17.0	18.8

4.8.2. TSH (µIU/mL serum)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261001001	AutoDELFI Neonatal hTSH	146.4	59	139.4	28.5	64.9	192.0
20261001001	BornSafe Neonatal TSH	146.4	3	104.8	41.6	57.5	135.9
20261001001	DELFI Neonatal hTSH	146.4	71	130.9	34.8	54.1	201.6
20261001001	DiaSorin Immunoassay TSH	146.4	6	156.4	40.9	85.0	207.8
20261001001	GSP Neonatal hTSH	146.4	149	140.0	26.5	62.3	191.5
20261001001	Labsystems Neonatal hTSH FEIA	146.4	32	113.3	49.8	53.9	217.8
20261001001	NeoMAP 4Plex - TSH	146.4	4	158.9	57.4	77.3	210.0

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261001001	Trimaris Neonatal TSH FEIA	146.4	6	91.7	21.1	49.5	104.4
20261001001	ZenTech ELISA Neonatal TSH	146.4	21	88.6	44.2	25.4	193.6
20261001002	AutoDELFI A Neonatal hTSH	0.7	58	0.9	0.7	0.0	4.4
20261001002	BornSafe Neonatal TSH	0.7	3	1.1	0.4	0.8	1.6
20261001002	DELFI A Neonatal hTSH	0.7	68	1.4	1.2	0.0	6.1
20261001002	DiaSorin Immunoassay TSH	0.7	6	0.8	0.6	0.3	2.0
20261001002	GSP Neonatal hTSH	0.7	143	1.3	0.6	0.0	3.2
20261001002	Labsystems Neonatal hTSH FEIA	0.7	33	6.0	3.7	0.2	13.7
20261001002	NeoMAP 4Plex - TSH	0.7	3	1.1	0.1	1.0	1.1
20261001002	Trimaris Neonatal TSH FEIA	0.7	6	1.3	0.7	0.5	2.0
20261001002	ZenTech ELISA Neonatal TSH	0.7	21	1.6	0.7	0.8	2.8
20261001003	AutoDELFI A Neonatal hTSH	0.9	57	1.0	0.6	0.0	2.7
20261001003	BornSafe Neonatal TSH	0.9	3	1.0	0.3	0.7	1.3
20261001003	DELFI A Neonatal hTSH	0.9	70	1.3	1.1	0.0	6.4
20261001003	DiaSorin Immunoassay TSH	0.9	6	0.4	0.2	0.2	0.7
20261001003	GSP Neonatal hTSH	0.9	143	1.4	0.5	0.0	2.9
20261001003	Labsystems Neonatal hTSH FEIA	0.9	32	5.7	3.3	0.9	13.0
20261001003	NeoMAP 4Plex - TSH	0.9	3	1.3	0.1	1.2	1.4
20261001003	Trimaris Neonatal TSH FEIA	0.9	6	1.5	0.8	0.5	2.4
20261001003	ZenTech ELISA Neonatal TSH	0.9	21	1.6	0.9	0.1	3.6
20261001004	AutoDELFI A Neonatal hTSH	1.5	58	1.7	0.7	0.2	4.4
20261001004	BornSafe Neonatal TSH	1.5	3	1.7	0.9	0.9	2.7
20261001004	DELFI A Neonatal hTSH	1.5	70	1.9	1.1	0.0	5.9
20261001004	DiaSorin Immunoassay TSH	1.5	6	0.5	0.1	0.3	0.6
20261001004	GSP Neonatal hTSH	1.5	142	2.1	0.5	0.4	4.2
20261001004	Labsystems Neonatal hTSH FEIA	1.5	33	6.1	3.6	0.2	15.3
20261001004	NeoMAP 4Plex - TSH	1.5	4	2.4	1.3	1.6	4.3
20261001004	Trimaris Neonatal TSH FEIA	1.5	6	2.2	0.7	1.2	3.1
20261001004	ZenTech ELISA Neonatal TSH	1.5	21	2.0	1.5	0.3	7.5
20261001005	AutoDELFI A Neonatal hTSH	0.9	57	1.0	0.6	0.0	3.1
20261001005	BornSafe Neonatal TSH	0.9	3	1.1	0.4	0.8	1.6

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261001005	DELFLIA Neonatal hTSH	0.9	69	1.3	1.0	0.0	5.4
20261001005	DiaSorin Immunoassay TSH	0.9	6	0.3	0.1	0.2	0.6
20261001005	GSP Neonatal hTSH	0.9	142	1.4	0.6	0.0	3.5
20261001005	Labsystems Neonatal hTSH FEIA	0.9	33	5.8	3.5	0.7	12.8
20261001005	NeoMAP 4Plex - TSH	0.9	3	1.3	0.1	1.2	1.4
20261001005	Trimaris Neonatal TSH FEIA	0.9	6	1.4	0.5	0.8	2.2
20261001005	ZenTech ELISA Neonatal TSH	0.9	19	1.5	0.7	0.1	2.9

4.8.3. 17OHP (ng/mL serum)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261001001	AutoDELFLIA Neonatal 17OHP	0.2	58	0.3	0.3	0.0	1.5
20261001001	DELFLIA Neonatal 17OHP	0.2	58	0.4	0.5	0.0	2.4
20261001001	GSP Neonatal 17 α -OH-progesterone - 17OHP	0.2	120	0.4	0.4	0.0	1.6
20261001001	LC-MS/MS non-kit	0.2	6	1.5	1.3	0.1	3.3
20261001001	Labsystems Neonatal 17OHP	0.2	32	0.6	0.8	0.0	4.0
20261001001	NeoMAP 4Plex - 17OHP	0.2	3	0.3	0.1	0.2	0.4
20261001001	ZenTech ELISA Neonatal 17OHP	0.2	18	2.0	1.7	0.0	6.1
20261001002	AutoDELFLIA Neonatal 17OHP	1.3	59	2.0	0.8	0.7	5.2
20261001002	DELFLIA Neonatal 17OHP	1.3	57	2.0	0.9	0.2	5.5
20261001002	GSP Neonatal 17 α -OH-progesterone - 17OHP	1.3	124	1.7	0.5	1.0	4.6
20261001002	LC-MS/MS non-kit	1.3	6	2.2	0.9	1.0	3.3
20261001002	Labsystems Neonatal 17OHP	1.3	35	2.8	2.3	0.5	11.3
20261001002	NeoMAP 4Plex - 17OHP	1.3	3	2.2	0.3	1.9	2.5
20261001002	ZenTech ELISA Neonatal 17OHP	1.3	19	5.4	3.4	1.7	15.6
20261001003	AutoDELFLIA Neonatal 17OHP	121.3	60	159.0	30.9	71.6	264.5
20261001003	DELFLIA Neonatal 17OHP	121.3	58	148.5	44.3	57.0	320.4
20261001003	GSP Neonatal 17 α -OH-progesterone - 17OHP	121.3	127	137.5	26.7	91.4	305.6
20261001003	LC-MS/MS non-kit	121.3	6	108.8	15.3	89.5	123.3
20261001003	Labsystems Neonatal 17OHP	121.3	35	126.2	59.4	19.5	344.5
20261001003	NeoMAP 4Plex - 17OHP	121.3	4	156.4	50.4	103.2	224.7
20261001003	ZenTech ELISA Neonatal 17OHP	121.3	19	143.5	53.4	61.1	237.2

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261001004	AutoDELFI A Neonatal 17OHP	1.4	59	1.1	0.5	0.4	3.2
20261001004	DELFI A Neonatal 17OHP	1.4	57	1.1	0.7	0.1	4.1
20261001004	GSP Neonatal 17 α -OH-progesterone - 17OHP	1.4	119	0.8	0.3	0.2	1.6
20261001004	LC-MS/MS non-kit	1.4	6	1.8	1.2	0.4	3.3
20261001004	Labsystems Neonatal 17OHP	1.4	36	1.5	1.9	0.1	7.5
20261001004	NeoMAP 4Plex - 17OHP	1.4	3	0.7	0.2	0.6	0.9
20261001004	ZenTech ELISA Neonatal 17OHP	1.4	19	4.2	4.8	0.0	18.4
20261001005	AutoDELFI A Neonatal 17OHP	1.3	59	1.6	0.6	0.3	4.4
20261001005	DELFI A Neonatal 17OHP	1.3	57	1.6	0.8	0.1	5.0
20261001005	GSP Neonatal 17 α -OH-progesterone - 17OHP	1.3	119	1.2	0.4	0.7	4.1
20261001005	LC-MS/MS non-kit	1.3	6	1.9	1.1	0.8	3.3
20261001005	Labsystems Neonatal 17OHP	1.3	36	2.8	3.0	0.5	12.7
20261001005	NeoMAP 4Plex - 17OHP	1.3	3	1.6	0.1	1.5	1.7
20261001005	ZenTech ELISA Neonatal 17OHP	1.3	19	4.3	2.9	0.1	11.2

4.8.4. TGAL (mg/dL blood)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261001001	BornSafe Neonatal Total Galactose - TGal	0.4	3	2.8	0.7	2.1	3.4
20261001001	Colorimetric non-kit method - TGal	0.4	3	2.1	1.9	0.0	3.3
20261001001	Fluorometric manual TGal - non-kit	0.4	6	1.6	1.2	0.4	3.8
20261001001	GSP Neonatal Total Galactose, mg/dL blood - TGal	0.4	69	0.7	0.2	0.3	1.5
20261001001	Labsystems Neonatal Galactose - TGal	0.4	18	1.4	1.2	0.0	4.3
20261001001	NeoLISA GAL - TGal	0.4	3	2.1	1.0	1.1	3.1
20261001001	Revvity Neonatal Total Galactose - TGal	0.4	46	1.0	0.7	0.0	3.0
20261001001	SPOTCHECK Total Galactose 50 Hour - TGal	0.4	6	1.1	0.6	0.2	1.8
20261001001	ZenTech Neonatal Total Galactose - TGal	0.4	26	2.7	1.6	0.0	5.2
20261001002	Colorimetric non-kit method - TGal	20.4	3	25.4	2.1	23.3	27.5
20261001002	Fluorometric manual TGal - non-kit	20.4	7	16.0	7.3	7.3	30.0
20261001002	GSP Neonatal Total Galactose, mg/dL blood - TGal	20.4	74	16.9	2.2	12.6	23.3
20261001002	Labsystems Neonatal Galactose - TGal	20.4	18	25.7	6.3	18.2	49.0
20261001002	NeoLISA GAL - TGal	20.4	3	13.0	3.1	10.7	16.5

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261001002	Revity Neonatal Total Galactose - TGal	20.4	47	14.2	2.7	8.9	25.3
20261001002	SPOTCHECK Total Galactose 50 Hour - TGal	20.4	6	18.2	6.4	11.6	30.1
20261001002	ZenTech Neonatal Total Galactose - TGal	20.4	27	17.7	4.2	10.2	31.6
20261001003	Colorimetric non-kit method - TGal	0.0	3	2.4	1.4	0.9	3.7
20261001003	Fluorometric manual TGal - non-kit	0.0	6	1.5	1.4	0.0	3.5
20261001003	GSP Neonatal Total Galactose, mg/dL blood - TGal	0.0	70	0.8	0.3	0.0	1.5
20261001003	Labsystems Neonatal Galactose - TGal	0.0	18	1.5	0.9	0.2	3.2
20261001003	NeoLISA GAL - TGal	0.0	3	2.2	0.9	1.4	3.2
20261001003	Revity Neonatal Total Galactose - TGal	0.0	47	0.6	0.6	0.0	1.9
20261001003	SPOTCHECK Total Galactose 50 Hour - TGal	0.0	6	1.8	0.9	0.4	3.0
20261001003	ZenTech Neonatal Total Galactose - TGal	0.0	27	2.6	1.4	0.2	5.3
20261001004	BornSafe Neonatal Total Galactose - TGAL	0.0	3	3.8	0.9	3.1	4.8
20261001004	Colorimetric non-kit method - TGal	0.0	3	2.1	1.7	0.3	3.5
20261001004	Fluorometric manual TGal - non-kit	0.0	6	1.5	1.4	0.1	3.8
20261001004	GSP Neonatal Total Galactose, mg/dL blood - TGal	0.0	70	0.8	0.2	0.0	1.5
20261001004	Labsystems Neonatal Galactose - TGal	0.0	17	1.5	0.9	0.2	3.4
20261001004	NeoLISA GAL - TGal	0.0	3	2.2	0.9	1.3	3.0
20261001004	Revity Neonatal Total Galactose - TGal	0.0	47	0.7	0.7	0.0	2.6
20261001004	SPOTCHECK Total Galactose 50 Hour - TGal	0.0	6	1.6	0.9	0.2	2.7
20261001004	ZenTech Neonatal Total Galactose - TGal	0.0	27	2.7	1.6	0.2	8.1
20261001005	BornSafe Neonatal Total Galactose - TGAL	0.0	3	2.6	0.9	1.6	3.1
20261001005	Colorimetric non-kit method - TGal	0.0	3	2.3	1.0	1.4	3.3
20261001005	Fluorometric manual TGal - non-kit	0.0	6	1.6	1.4	0.0	3.6
20261001005	GSP Neonatal Total Galactose, mg/dL blood - TGal	0.0	70	0.8	0.3	0.3	2.0
20261001005	Labsystems Neonatal Galactose - TGal	0.0	18	1.5	1.3	0.0	5.4
20261001005	NeoLISA GAL - TGal	0.0	3	2.1	1.0	1.2	3.2
20261001005	Revity Neonatal Total Galactose - TGal	0.0	47	0.7	0.7	0.0	3.2
20261001005	SPOTCHECK Total Galactose 50 Hour - TGal	0.0	6	1.7	0.9	0.5	3.3
20261001005	ZenTech Neonatal Total Galactose - TGal	0.0	27	2.6	1.3	0.2	5.3

4.9. IRTPT

4.9.1. IRT (ng/mL blood)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261008001	AutoDELFI A Neonatal IRT	140.4	52	123.3	18.4	68.1	177.1
20261008001	DELFI A Neonatal IRT	140.4	44	108.2	20.1	67.5	167.3
20261008001	GSP Neonatal IRT	140.4	108	130.2	12.0	98.7	155.3
20261008001	IBL International IRT Neonatal	140.4	6	1,282.5	167.4	1,031.0	1,420.1
20261008001	Labsystems Neonatal IRT FEIA	140.4	22	156.2	32.0	110.4	251.2
20261008001	NeoMAP 4Plex - IRT	140.4	4	110.6	49.9	74.2	183.8
20261008001	Trimaris Neonatal IRT FEIA	140.4	6	156.3	17.7	135.7	178.2
20261008001	ZenTech Neonatal IRT	140.4	20	174.5	48.5	50.8	237.4
20261008002	AutoDELFI A Neonatal IRT	15.3	50	13.7	2.5	6.3	20.4
20261008002	DELFI A Neonatal IRT	15.3	45	11.1	3.5	3.3	23.0
20261008002	GSP Neonatal IRT	15.3	107	13.3	1.8	7.0	17.5
20261008002	IBL International IRT Neonatal	15.3	6	65.1	8.4	53.1	79.1
20261008002	Labsystems Neonatal IRT FEIA	15.3	22	18.5	7.7	8.2	36.7
20261008002	NeoMAP 4Plex - IRT	15.3	4	21.6	6.5	14.5	30.2
20261008002	Trimaris Neonatal IRT FEIA	15.3	6	14.6	2.4	11.7	17.0
20261008002	ZenTech Neonatal IRT	15.3	20	30.9	12.9	17.3	62.9
20261008003	AutoDELFI A Neonatal IRT	9.9	49	9.2	1.9	5.9	16.0
20261008003	DELFI A Neonatal IRT	9.9	45	8.4	3.3	1.7	18.8
20261008003	GSP Neonatal IRT	9.9	104	8.8	1.5	0.0	12.2
20261008003	IBL International IRT Neonatal	9.9	6	50.0	4.6	41.7	54.7
20261008003	Labsystems Neonatal IRT FEIA	9.9	22	16.7	5.1	8.0	25.0
20261008003	NeoMAP 4Plex - IRT	9.9	4	19.8	6.5	13.1	28.2
20261008003	Trimaris Neonatal IRT FEIA	9.9	6	14.4	2.9	11.0	19.7
20261008003	ZenTech Neonatal IRT	9.9	20	24.9	8.5	10.5	41.5
20261008004	AutoDELFI A Neonatal IRT	13.4	49	12.5	2.1	7.9	17.8
20261008004	DELFI A Neonatal IRT	13.4	45	10.4	2.9	4.5	18.1
20261008004	GSP Neonatal IRT	13.4	106	11.6	1.6	7.3	16.0
20261008004	IBL International IRT Neonatal	13.4	6	70.7	12.1	56.2	89.8
20261008004	Labsystems Neonatal IRT FEIA	13.4	22	21.5	8.3	9.2	47.4

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261008004	NeoMAP 4Plex - IRT	13.4	3	17.9	1.5	16.6	19.5
20261008004	Trimaris Neonatal IRT FEIA	13.4	6	19.4	1.2	18.0	20.8
20261008004	ZenTech Neonatal IRT	13.4	20	31.0	10.3	16.3	54.0
20261008005	AutoDELFI A Neonatal IRT	261.0	52	245.2	34.2	162.5	320.2
20261008005	DELFI A Neonatal IRT	261.0	45	219.2	38.0	141.0	295.4
20261008005	GSP Neonatal IRT	261.0	108	260.5	29.9	187.4	393.0
20261008005	IBL International IRT Neonatal	261.0	6	1,402.3	109.9	1,262.0	1,580.0
20261008005	Labsystems Neonatal IRT FEIA	261.0	22	215.5	37.9	152.2	271.5
20261008005	NeoMAP 4Plex - IRT	261.0	4	135.7	40.4	85.7	184.5
20261008005	Trimaris Neonatal IRT FEIA	261.0	6	240.8	24.2	195.1	260.2
20261008005	ZenTech Neonatal IRT	261.0	20	188.4	44.2	79.0	284.4

4.10. PSYPT

4.10.1. PSY (nmol/L)

Specimen Number	Method	EV	N	Mean	SD	Min	Max
20261020001	LC-MS/MS non-derivatized non-kit	0	3	0.13	0.23	0.00	0.4
20261020002	LC-MS/MS non-derivatized non-kit	0	3	0.19	0.20	0.00	0.4
20261020003	LC-MS/MS non-derivatized non-kit	25	3	18.56	4.03	16.00	23.2
20261020004	LC-MS/MS non-derivatized non-kit	25	3	17.51	4.52	13.94	22.6
20261020005	LC-MS/MS non-derivatized non-kit	0	3	0.18	0.20	0.00	0.4

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