

13.11.2024

Hérna eru niðurstöður efnagreininga á einu neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001
Sýnið var sent til ALS Scandinavia AB í Svíþjóð til mælinga.
Sýnið var tekið 22. október 2024 á eftirtöldum stað:
R24-2552-2/Eski/Gunnskóli Eskifjardar

Niðurstöður: (sjá einnig frá Svíþjóð, Report ST2442414)

	Sýni nr.	R24-2552-2
Chloroform	µg/L	<0.10
Bromoform	µg/L	<0.20
Dibromochloromethane	µg/L	<0.10
Bromodichloromethane	µg/L	<0.10
Sum of 4 Trihalomethanes (M1)	µg/L	<0.250
Aluminum	µg/L	2,41
Arsenic	µg/L	<0.05
Barium	µg/L	0,0278
Cadmium	µg/L	<0.002
Calcium	mg/L	3,86
Chromium	µg/L	0,27
Cobalt	µg/L	<0.005
Copper	µg/L	2,32
Iron	mg/L	0,00524
Lead	µg/L	0,0587
Magnesium	mg/L	0,875
Manganese	µg/L	0,328
Mercury	µg/L	<0.002
Molybdenum	µg/L	<0.05
Nickel	µg/L	<0.05
Phosphorus	µg/L	23
Potassium	mg/L	<0.4
Silicon	mg/L	5,18
Sodium	mg/L	5,89
Strontium	µg/L	<2
Vanadium	µg/L	5,15
Zinc	µg/L	28,8
Antimony	µg/L	0,0476
Lithium	µg/L	0,0886
Selenium	µg/L	<0.3
Boron	µg/L	<10
Sulfur	mg/L	0,324
Benzene	µg/L	<0.2
Toluene	µg/L	<0.2
Ethylbenzene	µg/L	<0.2
Sum of Xylenes	µg/L	<0.2
Naphthalene	µg/L	<0.0070
Acenaphthylene	µg/L	<0.0010
Acenaphthene	µg/L	<0.0010
Fluorene	µg/L	<0.0010

Phenanthrene	µg/L	<0.0010
Anthracene	µg/L	<0.0010
Fluoranthene	µg/L	<0.0010
Pyrene	µg/L	<0.0010
Benz(a)anthracene	µg/L	<0.0010
Chrysene	µg/L	<0.0010
Benzo(b)fluoranthene	µg/L	<0.0010
Benzo(k)fluoranthene	µg/L	<0.0010
Benzo(a)pyrene	µg/L	<0.0010
Indeno(1.2.3.cd)pyrene	µg/L	<0.00030
Benzo(g,h,i)perylene	µg/L	<0.00030
Dibenz(a,h)anthracene	µg/L	<0.00060
Sum of carcinogenic PAH (M1)	µg/L	<0.00295
Sum of PAH L (M1)	µg/L	<0.00450
Sum of PAH M (M1)	µg/L	<0.00250
Sum of PAH H (M1)	µg/L	<0.00310
Sum of 16 PAH (M1)	µg/L	<0.0101
Sum of other PAH (M1)	µg/L	<0.00715
Nitrites	mg/L	<0.010
Ammonia and ammonium ions as NH ₄	mg/L	<0.050
Total Cyanide	mg/L	<0.0010
Nitrate	mg/L	0,098
Dichloromethane	µg/L	<0.1
1.1-Dichloroethane	µg/L	<0.1
1.2-Dichloroethane	µg/L	<0.1
trans-1.2-Dichloroethene	µg/L	<0.1
cis-1.2-Dichloroethene	µg/L	<0.1
1.2-Dichloropropane	µg/L	<0.1
Chloroform	µg/L	<0.1
Tetrachloromethane	µg/L	<0.1
1.1.1-Trichloroethane	µg/L	<0.1
1.1.2-Trichloroethane	µg/L	<0.1
Trichloroethene	µg/L	<0.1
Tetrachloroethene	µg/L	<0.1
Vinyl chloride	µg/L	<0.1
1.1-Dichloroethene	µg/L	<0.1
Colour (True)	mgPt/l	<5.0
Fluoride	mg/L	<0.10
Chloride	mg/L	<4.0
Sulfate	mg/L	<4.0
Total Organic Carbon	mg/L	<0.50

Hvað varðar áræðanleika, mælióvissu, mæliaðferðir og faggildingarstöðu einstakra mælinga í þessari skýrslu er vísað í meðfylgjandi frumgögn frá þeim rannsóknastofum sem mælingarnar gerðu.

Stenst gæðakröfur skv. reglugerð nr. 536/2001

fh. rannsóknastofu Matís ohf

Hrólfur Sigurðsson

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Verkefnastjóri