

Umhverfis- og Samgöngusvið Reykjavíkurborgar
Matvælaeftirlit
Borgartúni 12-14
105 Reykjavík

25.5.2022

Hérna eru niðurstöður efnagreininga á neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001
Sýnið var sent til ALS Scandinavia AB í Svíþjóð til mælinga.
Sýnið var tekið 10.05.2022 á eftirfarandi stað og merkt:
R22-1076-3/Vatnsendakriki Vk-1/19-VK1_Hú

Niðurstöður:

(sjá einnig frá Svíþjóð, RAPPORT ST2214388)

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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	21,6
Arsenic	µg/L	0,0718
Barium	µg/L	0,0818
Cadmium	µg/L	<0.002
Calcium	mg/L	5,2
Chromium	µg/L	0,997
Cobalt	µg/L	<0.005
Copper	µg/L	<0.1
Iron	mg/L	<0.0004
Lead	µg/L	0,0101
Magnesium	mg/L	0,923
Manganese	µg/L	<0.03
Mercury	µg/L	<0.002
Molybdenum	µg/L	0,074
Nickel	µg/L	<0.05
Phosphorus	µg/L	23,9
Potassium	mg/L	0,416
Silicon	mg/L	6,91
Sodium	mg/L	10,1
Strontium	µg/L	3,23
Vanadium	µg/L	19,5
Zinc	µg/L	13,4
Lithium	µg/L	0,125
Antimony	µg/L	<0.01
Boron	µg/L	<10
Selenium	µg/L	<0.3
Sulfur	mg/L	0,729
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

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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
Chloride	mg/L	9,77
Fluoride	mg/L	<0.200
Ammonia and ammonium ions as NH ₄	mg/L	<0.050
Nitrites	mg/L	<0.0050
Sulphate as SO ₄ 2-	mg/L	<5.00
Total Cyanide	mg/L	<0.0010
Nitrate	mg/L	0,128
Dichloromethane	µg/L	<0.10
1.1-Dichloroethane	µg/L	<0.020
1.2-Dichloroethane	µg/L	<0.020
trans-1.2-Dichloroethene	µg/L	<0.020
cis-1.2-Dichloroethene	µg/L	<0.020
1.2-Dichloropropane	µg/L	<0.020
Chloroform	µg/L	<0.020
Tetrachloromethane	µg/L	<0.020
1.1.1-Trichloroethane	µg/L	<0.020
1.1.2-Trichloroethane	µg/L	<0.020
Trichloroethene	µg/L	<0.020
Tetrachloroethene	µg/L	<0.020
Vinyl chloride	µg/L	<0.020
1.1-Dichloroethene	µg/L	<0.020
Colour (True)	mgPt/l	<5.0
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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Sérfræðingur