

Heilbrigðiseftirlit Suðurnesja
B/t : Ásmundur Þorkelsson
Fitjum
260 Reykjanesbær

18.10.2024



Hérna eru niðurstöður efnagreininga á einu neysluvatnssýni skv. heildarúttekt reglugerðar nr.536/2001
Sýnið var sent til ALS Scandinavia AB, Danderyd í Svíþjóð til mælinga.
Sýnið var tekið 1. október 2023 á eftirtöldum stað:
R24-2331-3/H3/HS Veitur-Vatnsból í vogavík-Daeluhús

Niðurstöður: (sjá einnig frá Svíþjóð, Report ST2438881)

	Sýni nr.	R24-2331-3
Sum of xylenes (M1)	µg/L	<0.150
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	3,06
Arsenic	µg/L	<0.05
Barium	µg/L	0,561
Cadmium	µg/L	0,00298
Calcium	mg/L	9,71
Chromium	µg/L	0,485
Cobalt	µg/L	0,00906
Copper	µg/L	0,711
Iron	mg/L	0,000586
Lead	µg/L	0,0223
Magnesium	mg/L	10,3
Manganese	µg/L	0,0416
Mercury	µg/L	<0.002
Molybdenum	µg/L	0,113
Nickel	µg/L	0,104
Phosphorus	µg/L	12,6
Potassium	mg/L	2,42
Silicon	mg/L	7,11
Sodium	mg/L	66,1
Strontium	µg/L	56,5
Vanadium	µg/L	9,34
Zinc	µg/L	2,56
Lithium	µg/L	1,68
Antimony	µg/L	<0.01
Boron	µg/L	26,2
Selenium	µg/L	0,44
Sulfur	mg/L	5,78
Benzene	µg/L	<0.20
Toluene	µg/L	<0.20
Ethylbenzene	µg/L	<0.10
meta- & para-Xylene	µg/L	<0.20
ortho-Xylene	µg/L	<0.10
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
Ammonia and ammonium ions as NH ₄	mg/L	<0.050
Nitrites	mg/L	<0.0050
Total Cyanide	mg/L	<0.0010
Nitrate	mg/L	0,35
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	129
Sulfate	mg/L	16,2
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 Mátis ohf

Hrólfur Sigurðsson

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Verkefnastjóri