Packages				
Name	**Compounds**	**Zone 1 Codes**	**Zone 1+2 Codes**	**Flux Codes**
5 heavy metals	Chrome* Copper* Lead* Nickel* Zinc*	**PCASD**	-	-
7 Heavy metals	Cadmium* Chrome* Copper* Lead* Mercury* Nickel* Zinc*	**PCASE**	-	-
BTEX	Benzene* Ethylbenzene* Toluene* o-Xylene* m+p Xylene*	**PCASL**	**PCASG**	-
BTEXNM	Benzene* Ethylbenzene* MTBE* Naphtalene* Toluene* o-Xylene* m+p Xylene*	**PCASK**	**PCAS8**	**PCA8M**
VOCl	1,2-Dibromomethane* 1,2-Dichloroethane* cis-1,1-Dichloroethene* trans-1,1-Dichloroethene* 1,1-Dichloroethene* 1,2-Dichloropropane* Tetrachloroethene* Tetrachloromethane* Trichloroethene* 1,1,1-Trichloroethane* 1,1,2-Trichloroethane* Vinylchloride*	**PCASM**	**PCASB**	**PCA8N**
PAH	Acenaphthene* Acenaphtylene* Anthracene* Benzo(a)antrachene* Benzo(a)pyrene* Benzo(b)fluoranthene* Benzo(ghi)perylene* Benzo(k)fluoranthene* Chrysene* Dibenzo(a,h)antracene* Fluoranthene* Fluorene* Indeno(1,2,3-cd)pyrene* Naphthalene* Phenanthrene* Pyrene*	**PCASQ**	**PCASR**	**PCA8U**
Alifatic hydrocarbons / oil	C6H6-C10* C10-C15* C15-C20* C20-C35* C35-C40* Total C6-C40*	**PCASJ**	**PCAS9**	**PCA8L**
PCB	PCB 28* PCB 52* PCB 101* PCB 118* PCB 138* PCB 153* PCB 180*	**PCASN**	**PCASP**	**PCA8P**
Phenoler	Phenol 2-methylphenol 3-methylphenol 4-methylphenol 2,3-dimethylphenol 2,4-dimethylphenol dimethylphenol 2,6-dimethylphenol 3,4-dimethylphenol 3,5-dimethylphenol	**PCA8Q**	**PCA8R**	PCA8V

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Analysis of Sorbisense cartridges

Eurofins Environment DK offers as preferred analytical laboratory for Sorbisense analysis of samplers and cartridges. The analytical packages cover a broad range of potential pollutants such as metals, aromatic hydrocarbons, aliphatic hydrocarbons, chlorinated hydrocarbons, PCB´s, phthalates, nonylphenols etc.

The table below gives an overview of the individual compounds and packages. Accredited parameters are marked by *. The stated detection limits assume 250 mL sampled water volume.

Sorbicell VOC (organics) has two adsorbent zones. If both zones are analyzed (zone 1+2) the second zone can be used to control for sorption capacity.

In case other compounds are needed please contact Eurofins.

Aromatic hydrocarbons			
Name	**Zone 1 Codes**	**Zone 1+2 Codes**	**Detection** Limit
Benzene*	CAA6G	CA17U	0,2 µg/L
n-Butylbenzene	#	#	0,4 µg/L
sec-Butylbenzene	#	#	0,4 µg/L
t-Butylbenzene	CAA6R	CA18H	0,4 µg/L
p-Cymene*	#	#	0,2 µg/L
4-Isopropyltoluene	#	#	
Ethylbenzene*	CAA6L	CA17V	0,2 µg/L
Naphtalen (BTEXN)	CAA6P	CA17Z	0,2 µg/L
Naphtalen (PAH)	CAA1C	CAA3M	0,2 µg/L
MTBE*	CAA6N	CA17P	0,2 µg/L
Propylbenzene	#	#	0,4 µg/L
Styrene	#	#	0,4 µg/L
Toluene*	CAA6U	CA17S	2,8 µg/L
1,2,4-Trimethylbenzene*	CAA5Z	CA18G	0,2 µg/L
1,3,5-Trimethylbenzene*	CAA6D	CA18F	0,2 µg/L
m+p Xylene*	CAA6M	CA17W	0,8 µg/L
o-Xylene*	CAA6Q	CA17X	0,4 µg/L
Cumene Isopropylbenzene	#	#	0,4 µg/L

Please contact Eurofins for further information

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Polyaromatic hydrocarbons (PAH)

Name	Zone 1 Codes	Zone 1+2 Codes	Detection Limit
Acenaphthene*	CAA1E	CAA3P	0,02 µg/L
Acenaphtylene*	CAA1D	CAA3N	0,02 µg/L
Anthracene*	CAA1H	CAA3S	0,02 µg/L
Benzo(a)antrachene*	CAA1K	CAA3V	0,02 µg/L
Benzo(a)pyrene*	CAA1Q	CAA4A	0,02 µg/L
Benzo(b)fluoranthene*	CAA1M	CAA3X	0,02 µg/L
Benzo(ghi)perylene*	CAA1T	CAA4D	0,02 µg/L
Benzo(k)fluoranthene*	CAA1N	CAA3Y	0,02 µg/L
Chrysene*	CAA1L	CAA3W	0,02 µg/L
Dibenzo(a,h)antracene*	CAA1S	CAA4C	0,02 µg/L
Fluoranthene*	CAA1I	CAA3T	0,02 µg/L
Fluorene*	CAA1F	CAA3Q	0,02 µg/L
Indeno(1,2,3-cd)pyrene*	CAA1R	CAA4B	0,02 µg/L
Naphtalen (BTEXN)	CAA6P	CA17Z	0,2 µg/L
Naphtalen (PAH)	CAA1C	CAA3M	0,2 µg/L
Phenanthrene*	CAA1G	CAA3R	0,02 µg/L
Pyrene*	CAA1J	CAA3U	0,02 µg/L

Volatile organic compounds (VOC)

Name	Zone 1 Codes	Zone 1+2 Codes	Detection Limit
Ethanol	CA1LT	CA1LR	
Bromodichloromethane	#	#	0,2 µg/L
Bromooform	#	#	0,2 µg/L
1-Chlorbutane	#	#	0,2 µg/L
Chlorethan*	CAA6I	CA18L	0,2 µg/L
Dibromochloromethane	#	#	0,2 µg/L
Dibromomethane	#	#	0,2 µg/L
Dichlorobrommethane	#	#	0,2 µg/L
1,2-Dibromoethane*	CAA6A	CA17R	0,2 µg/L
1,2-Dibromo-3-chloropropane	#	#	0,2 µg/L
1,2-Dichlorobenzene	#	#	0,2 µg/L
1,3-Dichlorobenzene	#	#	0,2 µg/L
1,4-Dichlorobenzene	#	#	0,2 µg/L
1,1-Dichloroethane*	CAA5X	CA18D	1,2 µg/L
1,2-Dichloroethane*	CAA6B	CA17M	1,2 µg/L
cis-1,2-Dichloroethene*	CAA6K	CA17N	0,2 µg/L
trans-1,2-Dichloroethene*	CAA6V	CA17Y	0,2 µg/L
1,1-Dichloroethene	CAA5Y	CA18K	0,2 µg/L
1,2-Dichloropropane*	CAA6C	CA17K	0,2 µg/L
1,3-Dichloropropane	#	#	0,2 µg/L
2,2-Dichloropropane	#	#	0,2 µg/L
1,1-dichloropropene	#	#	0,2 µg/L
cis-1,3-dichloropropene	#	#	0,2 µg/L
trans-1,3-dichloropropene	#	#	0,2 µg/L
Chlorobenzene	#	#	0,2 µg/L
2-Chlorotoluene	#	#	0,4 µg/L
4-Chlorotoluene	#	#	0,4 µg/L
Hexachlorobutadiene	#	#	0,2 µg/L
1,1,1,2-Tetrachloroethane	#	#	0,2 µg/L
Tetrachloroethene*	CAA6S	CA18J	0,4 µg/L
Tetrachloromethane*	CAA6T	CA18E	0,2 µg/L
1,2,3-Trichlorobenzene	#	#	0,2 µg/L
1,2,4-Trichlorobenzene	#	#	0,2 µg/L
Trichloroethene*	CAA6W	CA18B	0,2 µg/L
Trichloromethane*	#	#	0,2 µg/L
1,1,1-Trichloroethane*	#	#	0,2 µg/L
1,1,2-Trichloroethane*	CAA5W	CA18C	0,4 µg/L
1,2,3-Trichloropropane	#	#	0,2 µg/L
Vinylchloride*	CAA6X	CA17L	0,4 µg/L

Polychlorinated biphenyls (PCB)

Name	Zone 1 Codes	Zone 1+2 Codes	Detection Limit
PCB 28*	CAA1Z	CAA4J	0,08 µg/L
PCB 52*	CAA2A	CAA4K	0,08 µg/L
PCB 101*	CAA2B	CAA4L	0,08 µg/L
PCB 118*	CAA2C	CAA4M	0,08 µg/L
PCB 138**	CAA2D	CAA4N	0,08 µg/L
PCB 153*	CAA2E	CAA4P	0,08 µg/L
PCB 180*	CAA2F	CAA4Q	0,08 µg/L

Nonylphenols and – ethoxylates

Name	Zone 1 Codes	Zone 1+2 Codes	Detection Limit
Nonylphenol*	CAA1W	CAA4G	1,6 µg/L
Nonylphenol monoethoxylates*	CAA1X	CAA4H	3,2 µg/L
Nonylphenol diethoxylates*	CAA1Y	CAA4I	3,2 µg/L

Phenoler

Name	Zone 1 Codes	Zone 1+2 Codes	Detection Limit
Phenol	CA67B-2	CA67W-2	0,15 µg/l
2-methylphenol	CA67C-2	CA67X-2	0,02 µg/l
3-methylphenol	CA67D-2	CA67Y-2	0,02 µg/l
4-methylphenol	CA67E-2	CA67Z-2	0,25 µg/l
2,3-dimethylphenol	CA67F-2	CA680-2	0,02 µg/l
2,4-dimethylphenol	CA67G-2	CA681-2	0,02 µg/l
2,5-dimethylphenol	CA67H-2	CA682-2	0,02 µg/l
2,6-dimethylphenol	CA67I-2	CA683-2	0,02 µg/l
3,4-dimethylphenol	CA67J-2	CA684-2	0,02 µg/l
3,5-dimethylphenol	CA67K-2	CA685-2	0,02 µg/l

Phthalates

Name	Zone 1 Codes	Zone 1+2 Codes	Detection Limit
DEHP*	CAA1V	CAA4F	1,6 µg/L

Inorganic parameters

Name	Zone 1 Codes
Ammoniak-Ammonium-N	CA1HX
Nitrit+nitrat-	CA1JG
Orthophosphat-P	CA1JJ

Metals and heavy metals

Name	Zone 1 Codes	Detection Limit
Aluminium	#	5 µg/L
Antimon	CA56I	0,4 µg/L
Arsenic	#	1 µg/L
Barium	CA56G	5 µg/L
Cadmium*	CA51J	0,08 µg/L
Chrome*	CA51L	2,4 µg/L
Cobalt*	CA52R	0,8 µg/L
Copper*	CA51M	0,8 µg/L
Iron	CA52T	2 µg/L
Lead*	CA51H	0,4 µg/L
Lithium	#	5 µg/L
Magnesium	#	50 µg/L
Mangan	CA57A	5 µg/L
Mercury*	CA51N - CA51P	0,016 µg/L
Molybdenum	CA56E	8 µg/L
Nickel*	CA51Q	0,8 µg/L
Phosphorous	CA1JJ	0,8 µg/L
Potassium	#	100 µg/L
Sodium	#	100 µg/L
Strontium	#	10 µg/L
Vanadium	#	2 µg/L
Zinc*	CA51R	2 µg/L

Please contact Eurofins for further information