

Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
General compounds		010																				
0120	Water temperature	°C	6,1	4,4	8,2	16,4	18,3	19	23,1	18,3	18,3	16,1	11,5	5,9	13	4,4	5	16,1	13,4	21,5	23,1	
0122	Oxygen	mg/l	11,1	11,9	11,6	10,2	10,7	9,2	9	8,2	8,6	8,9	9,5	11	13	8,2	8,36	10,2	10,1	11,8	11,9	
0123	Oxygen saturation	%	88,9	91,5	96,5	94,9	99,9	85,8	81,2	76,5	80,3	82,7	84,3	87,7	13	76,5	78	87,7	88,2	101	101	
0126	Turbidity	FTE	2,19	1,47	1,34	2,85	2,53	1,63	2,25	1,22	1,62	1,04	1,09	2,11	52	0,53	0,901	1,4	1,77	3,22	5	
0128	Suspended matter	mg/l	2,1	1,5	2,42	4,35	3,13	2,18	3,85	2,48	2,94	1,4	2,2	2,2	52	0,9	1,1	2,35	2,55	4,25	8,7	
0180	pH	pH	8,19	8,19	8,37	8,41	8,59	8,3	8,36	8,05	8,15	8,06	8,09	8,19	13	8,05	8,05	8,19	8,26	8,53	8,59	
0200	Conductivity (at 20 °C)	mS/m	49,3	49,6	46,5	46,6	47,9	48,4	47,9	46,9	46,9	46,3	47,7	48,3	13	45,9	46,1	47,7	47,6	49,5	49,6	
0250	Total hardness	mmol/l	2,09	2,14	2,04	1,93	1,96	1,84	1,65	1,68	1,56	1,69	1,83	1,87	13	1,56	1,6	1,87	1,87	2,12	2,14	
0250R	Total hardness, (mg/l CaCO3)	mg/l	209	214	205	193	196	184	165	168	156	169	183	187	13	156	160	187	187	212	214	
Radio activity		020																				
0160	beta Radioactivity, total	Bq/l	0,5		<		<			<			<	4	<	*	*	<	*	<	<	
0161	alpha Radioactivity, total	Bq/l	0,05		<		<			<			<	4	<	*	*	<	*	<	<	
0162	Residual beta radioactivity (without K	Bq/l	0,5		<		<			<			<	4	<	*	*	<	*	<	<	
Inorganic compounds		030																				
0222	Bicarbonate	mg/l	194	206	196	181	165	156	153	144	147	160	170	181	13	144	145	170	173	204	206	
0230	Chloride	mg/l	45,3	41	39,6	40	45,8	50	53,3	53,8	52,8	48,5	48,5	46	52	38	39	48	47	54	58	
0232	Sulfate	mg/l	39,4	37,7	35,9			55	54	56	51	48,8	47,4	49,9	11	35,6	35,7	48,8	46,4	55,8	56	
0288	Silicate	mg/l	4,21	4,25	3,32	2,1	1,54	1,73	1,08	1,82	2,38	3,23	3,65	4,02	13	1,08	1,26	2,9	2,82	4,24	4,25	
0381	Bromide	µg/l			91		130			140			140		4	91	*	*	125	*	140	
0382	Fluoride	mg/l	0,21	0,2	0,185	0,2	0,23	0,26	0,27	0,27	0,26	0,28	0,29	13	0,18	0,184	0,26	0,239	0,286	0,29		
0386	Cyanide, total	µg/l	2	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
0394	Bromate	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	0,64	0,9		
Nutrients		040																				
0271	Ammonium (NH4)	mg/l	0,02	0,14	0,12	0,045	0,03	0,06	<	0,06	0,12	0,07	0,09	0,11	13	<	<	0,08	0,0785	0,132	0,14	
0274	Kjeldahl Nitrogen	mg/l		0,6	0,6	0,65	0,5	0,5	0,6	0,8	0,7	1,4	0,8	0,7	13	0,5	0,5	0,7	0,708	1,16	1,4	
0281	Nitrite-NO2	mg/l		0,125	0,092	0,0485	0,033	0,059	0,049	0,069	0,085	0,046	0,046	0,059	13	0,033	0,037	0,059	0,0645	0,112	0,125	
0283	Nitrate-NO3	mg/l		12,4	12,8	11,9	10,9	9,51	7,92	6,12	5,69	5,75	8,04	8,53	13	5,69	5,71	9,14	9,27	12,6	12,8	
0284D	Orthophosphate (PO4)	mg/l	0,06	0,17	0,153	0,084	<	<	<	<	<	<	0,135	0,183	52	<	<	0,085	0,0956	0,17	0,24	
0286D	Total phosphate (PO4)	mg/l	0,05	0,213	0,193	0,134	0,108	0,1	0,066	0,0787	0,105	0,108	0,188	0,213	52	<	0,06	0,145	0,145	0,227	0,28	

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Group compounds		070																				
0401	Total organic carbon (TOC)	mg/l	4,91	4,75	4,14	3,87	3,64	4,01	4,84	4,56	4,88	4,85	4,68	4,29	13	3,64	3,73	4,56	4,43	4,9	4,91	
0403	Dissolved organic carbon (DOC)	mg/l	5,02	4,97	4,37	3,89	4,28	3,99	4,57	4,59	5,01	4,76	4,71	4,63	52	3,57	3,83	4,66	4,56	5,08	5,53	
0404	Chemical oxygen demand (COD)	mg/l	10	13	14	10	<	<	12	12	13	13	<	<	13	<	<	12	<	13,6	14	
0406	Biochemical oxygen demand (BOD5)	mg/l	1,3	1,1	1,08	1,3	1,5	1,4	1,4	1,4	0,96	1,3	1,1	0,78	13	0,78	0,848	1,3	1,21	1,46	1,5	
0410	UV absorbance, 254 nm	1/m	18,8	13,2	11,7	9,5	9,1	10,3	10,7	11,8	12	13,6	12,7	12,1	13	9,1	9,26	12	12,1	16,7	18,8	
0412	Colour (Pt/Co scale)	mg/l	14	14	13	9	9	10	11	12	12	14	13	12	13	9	9	12	12	14	14	
0429	Hydrocarbons (GC method)	µg/l	10	<	<	<	<	<	20	<	<	<	<	<	13	<	<	<	<	14	20	
0430	Adsorbable organohalogen compou	µg/l	10	14	10,5	11	8	9	12	15	9	17	16	18	13	8	8,4	11	12,3	17,6	18	
0437	AOBr (ads. org. geb. bromium)	µg/l	6,8	6,8	6,2	4,9	4,6	5,6	6,6	8	8,8	8,9	8,9	8,3	13	4,6	4,72	6,8	6,97	8,9	8,9	
0438	AOJ (ads. org. geb. jodium)	µg/l	5,6	5,6	5,65	6,2	4	4,1	7,3	5,1	8,4	8,1	8,7	7,3	13	4	4,04	6	6,28	8,58	8,7	
0442	AOS (ads. org. geb. sulpher)	µg/l	79	69	60,5	60	46	64	63	63	55	54	62	67	13	46	48,8	63	61,8	75	79	
0466	Cholinesterase inhibitors	µg/l	0,1	1,7	0,7	0,475	0,2	0,1	<	<	<	<	<	<	13	<	<	<	0,308	1,38	1,7	
Summend compounds		080																				
0451	Trihalomethanes, total	µg/l	0,03	<	<	<	<	<	<	<	<	<	0,05		12	<	<	<	<	0,0395	0,05	
2022	Tetra- and Trichloroethene (sum)	µg/l	0,05												1	*	*	*	*	*	*	
V325	Aromates, sum	µg/l	0,05	<	<	0,3	0,05	0,26	0,24	<	<	0,16	0,08	0,1	12	<	<	0,07	0,132	0,456	0,54	
Biological compounds		090																				
0612	Coliform bacteria, (37 °C, not conf.)	n/100 ml	310	170	25	7	14,3	25,8	20	150	120	60	45	12	22	0	3	29,5	52,6	164	310	
0614	Coliform bacteria, (37 °C, confirmed)	n/100 ml	120	170	14,5	5	14,3	24,4	40	150	120	60	45	12	21	1	3,2	29	44,5	144	170	
0624	thermotol.bact. Coli group bact. (44 °	n/100 ml	19	2	4	4	1	9	100	130	26	43	16	14	13	1	1	14	28,6	118	130	
0626	Escherichia coli (confirmed)	n/100 ml	120	68	10	2,5	13,8	19,8	40	150	72	48	45	12	21	1	3,2	22	35	110	150	
0634	Enterococces	n/100 ml	6		1	2,5	25,7	9,8	54	190	7	32	2	7	20	1	1,1	7	24,3	87,5	190	
0635	Enterococces (not conf.)	n/100 ml	8	0	3	4,5	33,8	12,4	70	200	13	32	3	10	22	0	0,3	12	28,1	104	200	
0664	Clostridium perfringens (incl. spoers)	n/100 ml	3	9	11	0	4	7	12	17	6	2	2	2	13	0	0,8	6	6,62	15	17	
0666	campylobacter spp.	n/l	130	4	17	0	0	6	2200	21	43	140	48	74	13	0	0	21	208	1380	2200	
0668	F-specific RNA-bacteriophages	n/ml	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
V222	campylobacter	n/l	3	250	16	56,5		12	<	42	140	460	160	250	11	<	3,6	60	131	418	460	
V425	f-specific phages with RNA-ase	n/ml	0,01	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
V426	f-specific phages without RNA-ase	n/ml	0,01	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	



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Hydrobiological compounds		095																					
7100	Chlorophyll-a	µg/l	2	<	<	<	8,2	5,27	6,64	12,8	9,1	10	2,4	<	<	32	<	<	6,15	7,25	17,1	27	
7101	Chlorophyll-a and phaeophytine (su	µg/l	2	<	<	2,9	11,3	7	9,06	18,3	11,9	14	3,6	<	<	32	<	<	9,1	9,98	22,1	34	
7110	Phaeophytine	µg/l	2	<	<	<	2,95	<	2,48	5,15	2,45	3,98	<	<	<	32	<	<	2,7	2,73	5,45	7,6	
7200	Phytoplankton total	n/ml	38	1200	1600	4230	3920	4840	7780	2700	4180	1700	750	780	33	38	804	3200	3930	8300	13000		
7240	Cyanophyceae	n/ml	0	0	0	0	5	0	0	3,75	36,8	0	0	0	33	0	0	0	7,76	8,8	220		
7260	Cryptophyceae	n/ml	15	470	820	2880	2350	1840	4380	1550	2310	1300	540	140	33	15	410	1900	2150	4200	8600		
7280	Chrysophyceae	n/ml	0	0	39	112	195	310	875	45,5	253	8	8	65	33	0	0	75	245	866	1500		
7300	Chlorophyceae	n/ml	15	690	700	758	918	1220	670	523	1230	280	170	580	33	15	152	700	830	1560	3700		
7320	Bacillariophyceae	n/ml	8	0	39	525	427	1440	1840	486	138	48	24	0	33	0	3,2	150	645	2180	3000		
7340	Euglenophyceae	n/ml	0	0	0	0	12,8	7	0	0	0	0	0	0	33	0	0	0	2,61	10,2	35		
7360	Dinophyceae	n/ml	0	0	0	0	0	11	0	79,5	210	0	0	0	33	0	0	0	49,4	170	630		
7500	Zooplankton, total	n/l	17	11	16	327	197	501	1340	453	602	54	33	10	33	10	16,4	330	470	1160	2800		
7510	rhizopoda	n/l	0	0	0	0	0,25	0	0	0	0,117	0	0	0	33	0	0	0	0,0515	0	1		
7530	Testacea	n/l	0,8	0,3	0,6	3,75	0,25	1,18	8,25	2,5	1,13	0,2	0,5	0,4	33	0	0	0,6	2,26	8,6	13		
7540	Tardigrada	n/l	0	0	0	0,05	0,075	0,68	0,75	0,05	0,117	0	0,1	0,3	33	0	0	0	0,248	0,82	3		
7550	Rotatoria	n/l	4	6	6	238	147	467	1230	272	380	33	28	6	33	4	6	190	371	966	2700		
7580	Ciliata	n/l	9	3	1	58,5	6,58	23,1	33,8	108	98,3	0,8	0,9	0,5	33	0	0,38	15	46,9	170	260		
7600	Heliozoa	n/l	0	0	0	0,5	2,25	0	0,75	1,5	3,33	0	0	0	33	0	0	0	1,21	4,8	18		
7610	Ostracoda	n/l	0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0		
7620	Cladocera	n/l	0	0,1	0	3,33	19,8	0,44	8,25	8,6	35	2	0,3	0,1	33	0	0	0,7	11,3	50,4	110		
7640	Naupilus-Larve	n/l	3	2	7	23	10,9	11,2	28,5	31	42,2	8	3	2	33	0	1,28	16	21,4	51,8	85		
7650	Cyclopoidea	n/l	0	0,1	0,3	7,75	3,25	1,22	14,5	5	13,5	5	0,5	1	33	0	0	3	6,55	17,2	51		
7660	Calanoidea	n/l	0	0	0	0,975	3,1	2,06	0,75	0	3,23	5	0,3	0,4	33	0	0	0,3	1,66	8	13		
7670	Harpacticoidea	n/l	0	0	0,1	0,5	0	0	0	0	0,0667	0	0	0	33	0	0	0	0,0758	0,06	2		
7680	Gastrotricha	n/l	0	0	0,1	0,05	0,225	0	0	0,125	0,1	0	0	0	33	0	0	0	0,0697	0,38	0,9		
7690	Oligochaeta	n/l	0,1	0	0	0	0	0,02	0	0	0	0	0	0	33	0	0	0	0,00606	0	0,1		
7700	Nematoda	n/l	0,6	0,4	0	0,4	1,48	0,26	0,75	0	1,17	0	0	0,1	33	0	0	0	0,603	2,6	5		
7710	Turbellaria	n/l	0	0	0	1	0	0	0,25	2	0	0	0	0	33	0	0	0	0,394	1,6	6		
7736	Chironomidae	n/l	0	0	0	0	0	0	0	0	0,167	0	0	0	33	0	0	0	0,0303	0,12	0,4		
7740	Hydrachnellae	n/l	0	0	0	0,25	0,075	0,06	0	0	0,433	0	0	0	33	0	0	0	0,127	0,48	2		
7745	Hydrachnellae, larve	n/l	0	0	0	0	0,275	0	0,5	0,75	0	0	0	0,1	33	0	0	0	0,188	0,6	3		
7768	Bivalvia, larve	n/l	0	0	0	1	3	7,8	55,5	60,5	32,2	6,5			33	0	0	4	21,4	66,8	190		
7800	Biology, divers	n/l	0	0	0	0	0	0	0	0	0,333	0	0	0	33	0	0	0	0,0606	0	2		
V159	dreissena-larvae, resting <90µm	n/l				0,25	0,75	4	29,8	48,8	15,4	4			30	0	0	2	14,4	49,3	160		
V160	dreissena-larvae, resting >90µm	n/l				0,25	1,5	0,6	7	6,5	14,2	2,25			30	0	0	0,5	4,8	21,5	38		

woensdag 29 juli 2015

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



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V163	Protozoa < 30 µm	n/l	0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0	
Metals		050																				
0240	Sodium	mg/l	29	28,9	25,4	27,1	32,8	36,6	38,6	37,7	38,6	34,6	36,9	33,5	13	25,2	25,3	33,5	32,7	38,6	38,6	
0242	Potassium	mg/l			4,64		5,66			6,97			6,7		4	4,64	*	*	5,99	*	6,97	
0244	Calcium	mg/l	69,5	71,2	68,4	64,5	64,5	59,6	52,3	52,8	48,6	54,1	58,9	60,9	13	48,6	50,1	60,9	61,1	70,5	71,2	
0246	Magnesium	mg/l	8,56	8,9	8,21	7,87	8,42	8,65	8,41	8,8	8,42	8,18	8,84	8,46	13	7,87	7,97	8,42	8,46	8,88	8,9	
0300	Iron	mg/l	0,12	0,06	0,107	0,068	0,023	0,133	0,074	0,079	0,083	0,064	0,062	0,207	13	0,023	0,0378	0,079	0,0912	0,177	0,207	
0304	Manganese	mg/l	0,07	0,07	0,055	0,06	0,01	0,03	0,03	0,04	0,02	0,04	0,04	0,03	13	0,01	0,014	0,04	0,0423	0,07	0,07	
0310	Aluminium	µg/l	55,8	21,3	49,3	29,8	10,3	73	40,2	38,4	45,1	27,9	30,4	173	13	10,3	14,7	40,2	49,5	133	173	
0312	Antimony	µg/l	0,221	0,195	0,209	0,229	0,257	0,313	0,348	0,373	0,371	0,379	0,328	0,32	13	0,193	0,194	0,313	0,289	0,377	0,379	
0314	Arsenic	µg/l	0,5	1,2	0,8	0,95	0,6	<	1,2	1,8	1,6	1	1	1,3	13	<	<	1,2	1,08	1,72	1,8	
0316	Barium	µg/l	37,5	37,3	34,9	34,9	32,9	35,5	34,6	37,7	33,8	37,8	37,5	41,4	13	32,9	33,1	36,3	36,2	40	41,4	
0318	Beryllium	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
0322	Boron	mg/l	0,049	0,044	0,034	0,02	0,0094	0,0067	0,007	0,015	0,023	0,03	0,014	0,009	13	0,0067	0,00682	0,02	0,0227	0,047	0,049	
0324	Cadmium	µg/l	0,05	<	<	<	0,08	<	<	0,05	<	<	<	<	13	<	<	<	<	0,068	0,08	
0326	Chromium	µg/l	1	<	<	<	1	<	1,2	<	<	<	<	<	13	<	<	<	<	1,12	1,2	
0328	Cobalt	µg/l	0,336	0,267	0,322	0,442	0,432	0,419	0,407	0,351	0,312	0,29	0,28	0,323	13	0,267	0,272	0,33	0,346	0,438	0,442	
0330	Copper	µg/l	2,32	2,4	2,56	2,41	2,73	3,43	3,29	2,71	2,73	2,88	2,87	2,92	13	2,22	2,26	2,73	2,75	3,37	3,43	
0332	Mercury	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
0334	Lead	µg/l	0,195	0,124	0,286	0,195	0,127	0,531	0,302	0,314	0,34	0,311	0,228	0,534	13	0,124	0,125	0,302	0,29	0,533	0,534	
0336	Lithium	µg/l	5,99	4,89	4,82	6,23	8,21	9,43	10,6	9,9	9,23	7,21	8,2	7,76	13	4,63	4,73	7,76	7,48	10,3	10,6	
0338	Molybdenum	µg/l	1,51	1,42	1,18	1,61	1,88	2,27	2,57	2,55	2,41	2,27	2,17	2,25	13	1,16	1,18	2,17	1,94	2,56	2,57	
0340	Nickel	µg/l	3,3	3	2,9	3,1	2,6	4,1	3,9	4,4	2,9	4	3,1	3,4	13	2,6	2,6	3,2	3,35	4,28	4,4	
0342	Selenium	µg/l	0,184	0,175	0,15	0,181	0,202	0,195	0,195	0,197	0,193	0,186	0,197	0,182	13	0,144	0,149	0,186	0,184	0,2	0,202	
0343	Strontium	µg/l	263	257	247	248	233	221	215	231	204	216	217	246	13	204	208	233	234	261	263	
0344	Thallium	µg/l	0,0173	0,0137	0,0172	0,0164	0,0328	0,0422	0,0433	0,0367	0,0329	0,0309	0,0262	0,0247	13	0,0137	0,0144	0,0262	0,027	0,0429	0,0433	
0345	Tellurium	µg/l	0,02	<	<	<	<	<	<	<	<	0,0277	0,0208	0,0201	13	<	<	<	<	0,0262	0,0277	
0346	Tin	µg/l	0,02	<	<	0,0285	<	<	0,0409	0,032	<	0,0235	<	<	13	<	<	<	<	0,0446	0,0471	
0350	Vanadium	µg/l	0,641	0,577	0,582	0,601	0,585	0,733	0,759	0,867	0,806	0,799	0,838	1,05	13	0,55	0,561	0,733	0,725	0,977	1,05	
0354	Zinc	µg/l	5	8,3	5	7,55	9,2	<	16,2	<	<	6	<	13,7	13	<	<	6	6,62	15,2	16,2	
0368	Copper	mg/l	0,003	<	<	<	<	<	<	0,0143	<	<	<	<	13	<	<	<	<	0,00918	0,0143	
0369	Zinc	mg/l	0,005	0,0083	0,005	0,00755	0,0092	<	0,0162	<	<	0,006	<	0,0137	13	<	<	0,006	0,00662	0,0152	0,0162	
0373	Rubidium	µg/l	3,05	2,8	2,47	3,03	3,82	4,86	5,47	5,25	4,92	4,63	4,49	4,39	13	2,44	2,46	4,39	3,97	5,38	5,47	
0375	Uranium	µg/l	0,454	0,479	0,446	0,467	0,444	0,42	0,401	0,376	0,342	0,395	0,402	0,461	13	0,342	0,356	0,443	0,426	0,474	0,479	
V281	Cesium	µg/l	0,008	0,0193	<	0,0251	0,0234	0,0272	0,0806	0,073	0,0559	0,0521	0,0493	0,0671	13	<	0,0101	0,0436	0,042	0,0776	0,0806	



Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Metals, after filtration		055																			
0302	Iron, 0.45 µm filtrate	mg/l	0,008	0,005	0,0045	0,004	0,003	0,005	0,004	0,007	0,003	0,005	0,005	13	0,003	0,003	0,005	0,00485	0,0076	0,008	
0305	Manganese, 0.45 µm filtrate	mg/l	0,0599	0,0411	0,0489	0,0432	0,00514	0,0135	0,000212	0,0268	0,0012	0,0276	0,0241	13	0,00212	0,00607	0,0268	0,0277	0,0585	0,0599	
0307	Manganese, 0.45 µm filtrate	µg/l	59,9	41,1	48,9	43,2	5,14	13,5	0,212	26,8	1,2	27,6	24,1	13	0,212	0,607	26,8	27,7	58,5	59,9	
0309	Boron, 0.45 µm filtrate	µg/l	48,2	43,6	42,2	55,1	51,7	57,5	60,2	56,8	54,7	48,9	52,2	13	41,7	42,1	52,2	51,4	59,1	60,2	
0311	Aluminium, 0.45 µm filtrate	µg/l	1	3,3	1,2	1,95	1,7	4,5	<	1,9	1,2	6,8	1,1	13	<	<	1,7	3,42	13,1	17,3	
0313	Antimony, 0.45 µm filtrate	µg/l	0,23	0,222	0,199	0,251	0,264	0,307	0,35	0,373	0,368	0,383	0,342	13	0,197	0,198	0,307	0,293	0,379	0,383	
0315	Arsenic, 0.45 µm filtrate	µg/l	0,54	0,541	0,445	0,477	0,489	0,486	0,509	0,841	0,414	0,76	0,824	13	0,414	0,414	0,509	0,576	0,834	0,841	
0317	Barium, 0.45 µm filtrate	µg/l	37,4	37,6	34,1	34	33,3	34,2	35,3	37,9	33,1	38	37,7	13	32	32,4	36,1	35,8	38,5	38,9	
0319	Berullium, 0.45 µm filtrate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
0325	Cadmium, 0.45 µm filtrate	µg/l	0,044	0,0461	0,0561	0,0613	0,0527	0,057	0,05	0,036	0,0384	0,0459	0,0459	13	0,036	0,037	0,05	0,0493	0,06	0,0613	
0327	Chromium, 0.45 µm filtrate	µg/l	0,07	0,0957	0,127	0,0929	0,0932	0,11	<	0,14	0,239	<	<	13	<	<	0,0957	0,103	0,207	0,239	
0329	Cobalt, 0.45 µm filtrate	µg/l	0,307	0,241	0,289	0,417	0,417	0,357	0,35	0,322	0,275	0,252	0,26	13	0,233	0,236	0,306	0,308	0,417	0,417	
0331	Copper, 0.45 µm filtrate	µg/l	2,18	2,23	2,29	2,18	2,51	2,66	2,98	2,76	2,87	2,76	3,15	13	1,98	2,06	2,66	2,59	3,08	3,15	
0333	Mercury, 0.45 µm filtrate	µg/l	0,0003	0,00047	0,00037	0,00063	<	0,00033	<	<	<	<	<	13	<	<	<	<	0,00854	0,0111	
0335	Lead, 0.45 µm filtrate	µg/l	0,03	0,0326	0,0318	<	0,0422	0,0432	0,0828	0,0435	0,082	0,0838	0,0788	13	<	<	0,0435	0,0537	0,0834	0,0838	
0337	Lithium, 0.45 µm filtrate	µg/l	6	5,9	4,83	6,49	8,41	8,79	10,5	9,35	8,58	8,02	8,05	13	4,68	4,8	8,02	7,43	10	10,5	
0339	Molybdenum, 0.45 µm filtrate	µg/l	1,51	1,4	1,16	1,58	1,86	2,19	2,53	2,59	2,44	2,25	2,2	13	1,16	1,16	2,14	1,92	2,57	2,59	
0341	Nickel, 0.45 µm filtrate	µg/l	3,16	2,64	2,67	3,27	2,78	3,03	3,48	3,9	3,44	3,63	3,34	13	2,56	2,59	3,27	3,18	3,79	3,9	
0347	Tin, 0.45 µm filtrate	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
0349	Titanium, 0.45 µm filtrate	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
0351	Vanadium, 0.45 µm filtrate	µg/l	0,523	0,499	0,457	0,525	0,551	0,565	0,653	0,775	0,706	0,715	0,75	13	0,435	0,453	0,565	0,609	0,765	0,775	
0353	Silver, 0.45 µm filtrate	µg/l	0,009	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
0355	Zinc, 0.45 µm filtrate	µg/l	5,69	3,25	2,81	2,95	2,5	2,98	5,51	4,57	7,95	4,25	3,45	13	2,01	2,21	3,6	4,03	7,05	7,95	
0359	Rubidium, 0.45 µm filtrate	µg/l	3,04	2,77	2,37	3,01	3,83	4,66	5,4	5,23	5,07	4,64	4,45	13	2,33	2,36	4,16	3,92	5,33	5,4	
0361	Uranium, 0.45 µm filtrate	µg/l	0,471	0,508	0,445	0,47	0,449	0,415	0,411	0,394	0,365	0,403	0,404	13	0,365	0,377	0,42	0,434	0,493	0,508	
0362	Selemium, 0.45 µm filtrate	µg/l	0,177	0,176	0,151	0,182	0,202	0,196	0,178	0,189	0,188	0,18	0,193	13	0,143	0,149	0,182	0,18	0,2	0,202	
0363	Strontium, 0.45 µm filtrate	µg/l	259	253	245	252	228	223	222	229	208	212	227	13	208	210	229	235	257	259	
0364	Thallium, 0.45 µm filtrate	µg/l	0,016	0,0148	0,0153	0,0245	0,0317	0,039	0,0433	0,0365	0,0308	0,0297	0,0266	13	0,0138	0,0142	0,0266	0,0266	0,0416	0,0433	
0365	Tellurium, 0.45 µm filtrate	µg/l	0,08	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
V282	Cesium, 0.45 µm filtrate	µg/l	0,0184	0,0161	0,0121	0,0219	0,0299	0,0393	0,0543	0,0427	0,038	0,0382	0,0296	13	0,012	0,012	0,0296	0,0287	0,0497	0,0543	
Complex buiders		060																			
1793	Nitritotriacetic acid (NTA)	µg/l	3	<	<	<	<	<	3,4	<	<	<	<	13	<	<	<	<	<	3,4	
1794	Ethylendiaminetetraacetic acid (ED)	µg/l	10,9	12,1	8,4	7,4	14,3	11,5	13,2	10	6,2	8,7	8,6	13	6,2	6,68	10	9,99	13,9	14,3	
2003	Diethylenetriaminepentaacetic acid (DTPA)	µg/l	3	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	

woensdag 29 juli 2015

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max			
Mono cyclic aromatic hydrocarb 170																							
1074	Benzene	µg/l	0,01	<	<	0,0176	<	0,0182	0,0173	<	<	<	<	<	13	<	<	<	0,0255	0,0303			
1075	Butylbenzene	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<			
1080	1,2-Dimethylbenzene	µg/l	0,03	<	<	0,0375	<	0,03	<	<	<	<	<	<	12	<	<	<	0,051	0,06			
1088	Ethylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1089	Ethylbenzene	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	0,0325	0,04			
1098	Methylbenzene	µg/l	0,01	0,0145	0,0126	0,0837	0,0106	0,0363	0,0611	<	0,0149	<	0,0133	0,0144	0,0105	13	<	<	0,0144	0,0281	0,116	0,153	
1106	Propylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1112	Chlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1115	2-Chloromethylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1116	3-Chloromethylbenzene	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1119	1,2-Dichlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1120	1,3-Dichlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1121	1,4-Dichlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1127	Pentachlorobenzene	µg/l	0,00002	<	<	<	<	<	<	<	<	<	<	0,00003	<	<	<	<	0,000024	0,00003			
1128	1,2,3,4-Tetrachlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1130	1,2,4,5-Tetrachlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1131	1,2,3-Trichlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1132	1,2,4-Trichlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1133	1,3,5-Trichlorobenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1797	Isopropylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1832	1,3,5-Trimethylbenzene	µg/l	0,01	<	<	<	<	0,0208	<	<	<	0,0281	0,0152	0,0123	<	13	<	<	0,0101	0,0252	0,0281		
1951	1,2,4-Trimethylbenzene	µg/l	0,01	<	<	0,0244	<	0,0162	0,0166	<	<	<	<	<	13	<	<	<	0,033	0,0439			
1952	1,2,3-Trimethylbenzene	µg/l	0,01	<	<	<	<	0,023	<	0,0129	<	0,0154	<	<	13	<	<	<	0,02	0,023			
1956	3-Ethyltoluene	µg/l	0,01	<	<	0,014	<	<	<	<	<	<	<	<	13	<	<	<	0,0158	0,023			
1957	4-Ethyltoluene	µg/l	0,01	<	<	<	<	0,0122	<	<	<	<	<	<	13	<	<	<	0,0116	0,0122			
1958	2-Ethyltoluene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1959	4-Chloromethylbenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	1	*	*	*	*	*			
1960	1-Methyl-4-isopropylbenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	1	*	*	*	*	*			
1998	t-Butylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
2014	Bromobenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	1	*	*	*	*	*			
2018	Isobutylbenzene	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<			
2039	1,3- and 1,4-Dimethylbenzene	µg/l	0,03	<	<	0,0875	<	0,06	0,07	<	<	<	<	<	12	<	<	<	0,0354	0,133	0,16		
2064	s-Butylbenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	1	*	*	*	*	*			
V220	4-isopropylbenzyl alcohol	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<			



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	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Poly cyclic aromatic hydrocarbo 180																						
1161	Acenaphthene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1162	Acenaphthylene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1163	Anthracene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1165	Benzo(a)anthracene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1166	Benzo(b)fluoranthene	µg/l		0,00041	0,00037	0,0009	0,00051	0,00094	0,00093	0,00074	0,00072	0,00067	0,00184	0,00064	0,00143	12	0,00037	0,00382	0,00073	0,00842	0,00172	0,00184
1167	Benzo(k)fluoranthene	µg/l		0,0002	0,00015	0,00034	0,00021	0,00036	0,00039	0,00031	0,00031	0,00029	0,00061	0,00027	0,00059	12	0,00015	0,00165	0,00031	0,00336	0,00604	0,00061
1168	Benzo(ghi)perylene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1169	Benzo(a)pyrene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1172	Chrysene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1173	Dibenzo(a,h)anthracene	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1180	Phenanthrene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1181	Fluoranthene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1182	Fluorene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
1183	Indeno(1,2,3-cd)pyrene	µg/l	0,0002	<	<	0,00046	0,00026	0,00052	0,00046	0,00044	0,00039	0,00045	0,00082	0,00041	0,00059	12	<	<	0,00445	0,00417	0,00751	0,00082
1188	Pyrene	µg/l	0,002	0,00258	0,00223	0,0022	<	0,0033	0,00265	0,00228	0,00235	<	0,00304	0,00201	0,00771	12	<	<	0,00232	0,0027	0,00639	0,00771
8450	Naphthalene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
V137	2-amino-3-chloro-1,4-naphthoquinon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	
V377	dibenzo(b,k)fluoroanthene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	



Brakel (M845)

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	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Organochlorine pesticides	200																				
2132 3-Chloropropene	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8006 Aldrin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8099 Chlorobufam	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8117 Chlorthal	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8118 Chlorthal-methyl	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8163 p,p-DDD	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8165 p,p-DDE	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8166 o,p-DDT	µg/l	0,0002	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8167 p,p-DDT	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8189 Dichlobenil	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8199 2,6-Dichlorobenzamide (BAM)	µg/l		0,014	0,014	0,0125	0,017	0,019	0,021	0,01	0,019	0,02	0,021	0,021	13	0,01	0,0108	0,019	0,0171	0,021	0,021	<
8211 Dichloran	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8215 Dicofol	µg/l	0,25	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8217 Dieldrin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8263 alpha-Endosulfan	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8264 beta-Endosulfan	µg/l	0,0003	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8268 Endrin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8305 Fenpiclonil	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8358 Heptachlor	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8359 Heptachloroepoxide	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8361 Hexachlorobenzene (HCB)	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8362 alpha-Hexachlorocyclohexane (alpha)	µg/l	0,00006	0,00007	<	<	<	<	<	0,00006	<	<	<	0,00006	12	<	<	<	<	0,000067	0,00007	<
8363 beta-Hexachlorocyclohexane (beta)	µg/l	0,00005	0,00007	0,00006	<	0,00007	0,00009	0,0001	0,00014	0,00012	0,00011	0,00009	0,00009	12	<	<	0,00009	0,000879	0,00134	0,00014	<
8379 Isodrin	µg/l	0,0003	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8393 Lindane (gamma-HCH)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8573 Tetradifon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8629 delta-Hexachlorocyclohexane (delta)	µg/l	0,00008	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8631 trans-Heptachloroepoxide	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8741 zoxamide	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<

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Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

MDL Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec n min p10 p50 mea p90 max

Organophosphorus and -sulphur p 210

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
8028	Azinphos-ethyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8029	Azinphos-methyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8044	Bentazon	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8059	Bromophos-methyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8108	Chlorfenvinphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	24	<	<	<	<	<	<
8112	Chlorpyriphos-methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8136	Coumaphos	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8172	Demeton-O + S	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8173	Demeton-S-Methyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8174	Demeton-S-methylsulfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8185	Diazinon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8188	Dicamba	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8216	Dicrotophos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8238	Dimethoate	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8255	Disulfoton	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8271	S-ethyl dipropyl(thiocarbamate)	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8281	Ethoprophos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8289	Etrimfos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8290	Fenamiphos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8296	Fenchlorphos (Ronne)	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8298	Fenitrothion	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8309	Fenthion	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8335	Fonofos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8340	Phosalon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8343	Phosphamidon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8354	Glyphosate	µg/l	0,05	<	<	<	<	0,085	<	<	<	<	1,1	<	<	<	0,0836	0,088	1,1	<
8360	Heptenophos	µg/l	0,01	<	<	<	<	<	0,0144	<	<	<	<	13	<	<	<	0,0106	0,0144	<
8396	Malathion	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8420	Methamidophos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8423	Methodathion	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8439	Mevinphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8445	Monocrotophos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8468	Omethoate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8475	Oxydemeton-methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8479	Paraoxon-ethyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<

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1-1-2014 up to 31-12-2014

sample point code BRA

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8482	Parathion-ethyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8483	Parathion-methyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8501	Pirimiphos-methyl	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8526	Pyrazophos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	23	<	<	<	<	<	<	
8550	Sulfotep	µg/l	0,02		<		<		<		<		<	4	<	*	*	<	*	<	<	
8566	Terbufos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8572	Tetrachlorvinphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8586	Thiometon	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8590	Tolclofos-methyl	µg/l	0,01	0,0124	0,0218	0,0136	<	<	<	<	<	<	<	0,0118	13	<	<	<	<	0,022	0,0222	
8600	Triazophos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8604	Trichlorfon	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8632	Aminomethylphosphonic acid (AMP)	µg/l		0,43	0,43	0,357	0,53	0,675	0,805	0,94	0,885	0,925	0,785	0,88	0,76	21	0,34	0,356	0,78	0,698	0,938	0,95
8643	trans-Chlorfenvinphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	24	<	<	<	<	<	<	
8646	cis-Phosphamidon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8647	trans-Phosphamidon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8652	Chlorpyrifos	µg/l	0,01	0,014	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	0,0104	0,014	
8680	Edifenphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8702	Nicosulfuron	µg/l	0,02	0,023	<	<	<	<	<	<	<	<	<	<	24	<	<	<	<	<	0,023	
8704	Sulcotrione	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8712	Fosthiazate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8716	Mesotrione	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8726	Thiacloprid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8746	Buprofezine	µg/l	0,08		<		<		<		<		<	4	<	*	*	<	*	<	<	
8749	Disulphoton-sulfone	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8750	oxydisulfoton	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8755	Terbufos-sulfoxid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8759	Fensulfothione	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8770	Acetamidprid	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8777	Phenamiphos-sulfoxid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8778	Phenamiphos-sulfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8779	Fenthion-sulfoxid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8780	Fenthion-sulfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8783	Terbufos-sulfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
V250	2,3-bis-sulfanylbutanedioic acid (suc	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	

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1-1-2014 up to 31-12-2014

sample point code BRA

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Organonitrogen pesticides	220																				
8057 Bromacil	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8127 Chloridazon	µg/l	0,02	<	<	<	<	0,033	0,035	0,0215	<	<	<	<	26	<	<	<	<	0,033	0,037	
8261 Dodine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8347 Fuberidiazole	µg/l	0,05			<		<		<			<		4	<	*	*	<	*	<	<
8392 Lenacil	µg/l	0,05			<		<		<			<		4	<	*	*	<	*	<	<
8662 Tebuphenpyrad	µg/l	0,05			<		<		<			<		4	<	*	*	<	*	<	<
8699 Azoxystrobin	µg/l	0,25			<		<		<			<		4	<	*	*	<	*	<	<
8732 Chloridazon-desphenyl	µg/l		0,19	0,19	0,16	0,15	0,16	0,17	0,18	0,17	0,18	0,19	0,18	13	0,14	0,144	0,18	0,175	0,19	0,19	
8737 picoxystrobin	µg/l	0,01			<		<		<			<		4	<	*	*	<	*	<	<
8738 fipronil	µg/l	0,01			<		<		<			<		4	<	*	*	<	*	<	<
8739 trifloxystrobin	µg/l	0,05			<		<		<			<		4	<	*	*	<	*	<	<
8742 fenamidone	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8744 boscalid	µg/l	0,01			<	0,01			0,02			0,02		4	<	*	*	0,0137	*	0,02	
V218 Imazamethabenz-Methyl	µg/l	0,05			<		<		<			<		4	<	*	*	<	*	<	<



Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Carbamate herbicides		260																				
8003	Aldicarb	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8004	Aldicarb-sulfon	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8005	Aldicarb-sulfoxide	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8040	Bendiocarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8068	Butocarboxim	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8069	Butoxycarboxim	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8076	Carbaryl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8078	Carbetamide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8082	Carbofuran	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8084	Carboxin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8179	Desmedipham	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8221	Diethofencarb	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8277	Ethiofencarb	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8300	Phenmedipham	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8304	Fenoxycarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8424	Methiocarb	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8425	Methomyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8472	Oxadixyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8473	Oxamyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8474	Oxycarboxin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8499	Pirimicarb	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8509	Propham	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8514	Propamocarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8583	Thiodicarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8585	Thiofanox	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8597	Triallate	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8626	Chlorpropham	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8634	Butocarboxim-sulfoxide	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8635	Ethiofencarb-sulfoxide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8636	Methiocarb-sulfon	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8637	Thiofanox-sulfoxide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8638	Thiofanox-sulfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8649	Prosulfocarb	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8722	Pyraclostrobin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8753	Methiocarb Sulphoxide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	

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The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



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		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
8763	Methyl-N-(3-hydroxyphenyl) carbama	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<		
8766	Iprovalicarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8775	Desmethyl-pirimicarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8782	Ethiofencarb sulfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Biocides			285																				
2077	Tributyltin	µg/l		0,00035	0,00074	0,000385	0,00038	0,00038	0,00033	0,00021	0,00019	0,00027	0,00022	0,00025	0,00037	13	0,00019	0,00198	0,00033	0,00343	0,00062	0,00074	
8079	Carbendazim	µg/l	0,02	<	0,032	0,026	<	0,0225	0,0205	<	0,025	0,0213	0,032	0,0425	0,042	26	<	<	0,0255	0,0248	0,0423	0,048	
8169	Diethyltoluamide (DEET)	µg/l	0,02	<	0,033	<	<	<	0,071	0,083	0,0573	0,0355	0,036	0,0215	26	<	<	0,0295	0,0335	0,0769	0,093		
8191	Dichlofluanid	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
8209	Dichlorvos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<		
8519	Propiconazole	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
8521	Propoxur	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<		
Carbamate Fungicides			450																				
8514	Propamocarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8766	Iprovalicarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Benzimidazole Fungicides			470																				
8079	Carbendazim	µg/l	0,02	<	0,032	0,026	<	0,0225	0,0205	<	0,025	0,0213	0,032	0,0425	0,042	26	<	<	0,0255	0,0248	0,0423	0,048	
8347	Fuberidiazole	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
8576	Thiabendazole	µg/l	0,01	0,02	0,05	<	0,02	<	<	<	<	0,29	<	<	13	<	<	<	0,0331	0,194	0,29		
8584	Thiophanate-methyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Conazole Fungicides			480																				
8054	Bitertanol	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8137	Cyproconazole	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
8243	Diniconazole	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8288	Etridiazole	µg/l	0,02	<	<	0,06	<	<	<	<	<	<	<	<	4	<	*	*	0,0225	*	0,06		
8448	Myclobutanil	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
8486	Penconazole	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8519	Propiconazole	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
8564	Tebuconazole	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8596	Triadimenol	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8659	Epoxiconazole	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
8690	Difenoconazole	µg/l	0,25	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
8781	Tricyclazole	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		



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	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
Amide Fungicides		490																		
8412	Metaxyl	µg/l	0,05		<		<		<		<		<	4	<	*	*	<	*	<
8505	Prochloraz	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8660	Flutolanil	µg/l	0,02		<		<		<		<		<	4	<	*	*	<	*	<
8741	zoxamide	µg/l	0,05		<		<		<		<		<	4	<	*	*	<	*	<
8744	boscalid	µg/l	0,01		<		0,01		0,02			0,02		4	<	*	*	0,0137	*	0,02
Pyrimidine Fungicides		500																		
8067	Bupirimate	µg/l	0,05		<		<		<		<		<	4	<	*	*	<	*	<
8292	Fenarimol	µg/l	0,05		<		<		<		<		<	4	<	*	*	<	*	<
8661	Pyrimethanil	µg/l	0,01		<		<		<		<		<	4	<	*	*	<	*	<
8700	Cyprodinil	µg/l	0,05		<		<		<		<		<	4	<	*	*	<	*	<
Strobilurine Fungicides		510																		
8664	Kresoxim-methyl	µg/l	0,02		<		<		<		<		<	4	<	*	*	<	*	<
8699	Azoxystrobin	µg/l	0,25		<		<		<		<		<	4	<	*	*	<	*	<
8722	Pyraclostrobin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8737	picoxystrobin	µg/l	0,01		<		<		<		<		<	4	<	*	*	<	*	<
8739	trifloxystrobin	µg/l	0,05		<		<		<		<		<	4	<	*	*	<	*	<



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		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Phenylurea herbicides		240																					
8097	Chlorbromuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8122	Chlortoluron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8130	Chloroxuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8226	Difenoxuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8229	Diflubenzuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8258	Diuron	µg/l	0,01	<	<	<	0,01	<	0,01	0,02	0,02	0,01	0,01	0,02	0,01	<	<	0,01	0,0104	0,02	0,02		
8382	Isoproturon	µg/l	0,01	0,02	<	<	0,02	<	<	<	<	<	<	0,02	13	<	<	<	<	0,02	0,02		
8394	Linuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8418	Metabenzthiazuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8434	Metobromuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8436	Metoxuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8438	Metsulphuron-Methyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8446	Monolinuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8447	Monuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8487	Pencycuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8669	1-(3,4-Dichlorophenyl)urea (DCPU)	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
8784	Triflururon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<		
Dinitrophenol herbicides		250																					
8244	2,4-Dinitrophenol	µg/l	0,05		<		<		<			<			4	<	*	*	<	*	<		
8248	Dinoseb (2-sec.butyl-4,6-dinitrophenol)	µg/l	0,05		<		<		<			<			4	<	*	*	<	*	<		
8250	Dinoterb (2-tert.butyl-4,6-dinitrophenol)	µg/l	0,05		<		<		<			<			4	<	*	*	<	*	<		
8259	2-Methyl-4,6-dinitrophenol (DNOC)	µg/l	0,05		<		<		<			<			4	<	*	*	<	*	<		
8617	Vamidothion	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Phenoxy Herbicides		550																					
8150	2,4-Dichlorophenoxyacetic acid (2,4-D)	µg/l	0,02	<	<	<	<	<	<	<	<	<	0,03	<	13	<	<	<	<	0,022	0,03		
8204	2,4-Dichloroprop (2,4-DP)	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8401	4-Chloro-2-methylphenoxyacetic acid	µg/l	0,02	<	<	<	<	0,02	0,02	0,02	0,04	0,03	0,02	0,04	0,03	13	<	<	0,02	0,0208	0,04	0,04	
8402	4-(4-Chloro-2-methylphenoxy)butanoic acid	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8404	Mecoprop (MCCP)	µg/l	0,02	<	<	<	<	<	0,02	<	0,02	0,02	<	0,02	13	<	<	<	<	0,02	0,02		
Amide Herbicides		560																					
8522	Propyzamide	µg/l	0,02		<		<		<			<			4	<	*	*	<	*	<		
8682	Dimethenamid	µg/l	0,02	<	<	<	<	<	0,022	0,057	0,035	<	<	<	26	<	<	<	<	0,0438	0,059		



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	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Anilide Herbicides		570																			
8417	Metazachlor	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8674	Diflufenican	µg/l	0,04	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8710	Florasulam	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
Chloroacetanilide Herbicides		580																			
8002	Alachlor	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8513	Propachlor	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
(Bis-)Carbamate Herbicides		590																			
8025	Asulam	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8078	Carbetamide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8179	Desmedipham	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8300	Phenmedipham	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8626	Chlorpropham	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
Dinitroaniline Herbicides		600																			
8488	Pendimethalin	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
Sulfonylurea Herbicides		610																			
8438	Metsulphuron-Methyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8702	Nicosulfuron	µg/l	0,02	0,023	<	<	<	<	<	<	<	<	<	<	24	<	<	<	<	<	0,023
Urea Herbicides		620																			
8122	Chlortoluron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8258	Diuron	µg/l	0,01	<	<	<	0,01	<	0,01	0,02	0,02	0,01	0,01	13	<	<	0,01	0,0104	0,02	0,02	0,02
8382	Isoproturon	µg/l	0,01	0,02	<	<	0,02	<	<	<	<	<	<	13	<	<	<	<	0,02	0,02	0,02
8394	Linuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8418	Metabenzthiazuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8434	Metobromuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8436	Metoxuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
Aryloxyphenoxy- Propionic Herbici		630																			
8796	Clodinafop-propargyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8798	Fluopicolide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8799	Fluoxastrobin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<



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MDL Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec n min p10 p50 mea p90 max

Triazin Herbicides

635

8013	Ametryn	µg/l	0,01			<		<			<			<		4	<	*	*	<	*	<	
8026	Atrazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8138	Cyanazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8180	Desmetryn	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8366	Hexazinone	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	25	<	<	<	<	<	<	0,07
8415	Metamitron	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8435	Metolachlor	µg/l	0,01	<	<	<	<	0,0146	0,0336	0,0437	<	0,0207	0,0141	<	0,0111	13	<	<	<	0,0133	0,0397	0,0437	<
8437	Metribuzin	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8512	Prometryn	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8517	Propazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8547	Simazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8567	Terbutryne	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8568	Terbutylazine	µg/l	0,01	0,02	<	<	<	<	<	0,07	0,07	0,04	0,02	<	<	13	<	<	<	0,02	0,07	0,07	<

Thiocarbamate Herbicides

640

8271	S-ethyl dipropyl(thiocarbamate)	µg/l	0,02			<		<			<			<		4	<	*	*	<	*	<	
8597	Triallate	µg/l	0,02			<		<			<			<		4	<	*	*	<	*	<	
8649	Prosulfocarb	µg/l	0,02			<		<			<			<		4	<	*	*	<	*	<	

Uracil Herbicides

615

8392	Lenacil	µg/l	0,05			<		<			<			<		4	<	*	*	<	*	<	
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woensdag 29 juli 2015

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

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1-1-2014 up to 31-12-2014

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
Unclassified Herbicides 645																				
8001	Aclonifen	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8044	Bentazon	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8117	Chlorthal	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8127	Chloridazon	µg/l	0,02	<	<	<	<	0,033	0,035	0,0215	<	<	<	26	<	<	<	<	0,033	0,037
8158	Dalapon (2,2-Dichloropropionic acid)	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	1	*	*	*	*	*	*
8188	Dicamba	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8189	Dichlobenil	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8280	Ethofumesat	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8354	Glyphosate	µg/l	0,05	<	<	<	<	0,085	<	<	<	<	1,1	21	<	<	<	0,0836	0,088	1,1
8534	Quizalofop-ethyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8612	Trifluralin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8704	Sulcotrione	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8707	Clomazone	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8716	Mesotrione	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8767	Isoxaflutole	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8802	Tepraloxymid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
V137	2-amino-3-chloro-1,4-naphthoquinon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
Physiological plant growth regulato 950																				
8159	Daminozide	µg/l	0,25	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8478	Paclobutrazole	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
Unclassified plant growth regulator 952																				
6062	Clofibrac acid	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8436	Metoxuron	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8478	Paclobutrazole	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8491	Pentachlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<
Anti-sprouting products 960																				
8076	Carbaryl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8509	Propham	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8626	Chlorpropham	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
Insecticides 290																				
8088	Clofentezin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8273	Esfenvalerate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8769	fonicamid	µg/l	0,01	0,02	<	0,0125	<	<	<	<	0,02	<	0,01	0,02	0,02	0,02	0,0112	0,02	0,02	
8774	Clothianidin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<



Brakel (M845)

1-1-2014 up to 31-12-2014

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	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Pyrethroid Insecticides		650																			
8170	Deltamethrin	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8273	Esfenvalerate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Carbamate Insecticides		660																			
8076	Carbaryl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8082	Carbofuran	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8304	Fenoxycarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8424	Methiocarb	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8499	Pirimicarb	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Organophosphorus Insecticides		670																			
8029	Azinphos-methyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8112	Chlorpyrifos-methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	*	*	<	*	<
8136	Coumaphos	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8185	Diazinon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8209	Dichlorvos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8238	Dimethoate	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8281	Ethoprophos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8290	Fenamiphos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8298	Fenitrothion	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8340	Phosalon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	*	*	<	*	<
8396	Malathion	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8420	Methamidophos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8475	Oxydemeton-methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8501	Pirimiphos-methyl	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8604	Trichlorfon	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8652	Chlorpyrifos	µg/l	0,01	0,014	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0,0104	0,014	<
8712	Fosthiazate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Benzoylurea Insecticides		690																			
8229	Diflubenzuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8784	Triflumuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Biological Insecticides		680																			
8536	Rotenon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<



Brakel (M845)

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	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Unclassified Insecticides		710																			
8088	Clofentezin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8215	Dicofol	µg/l	0,25	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8368	Hexythiazox	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8425	Methomyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8473	Oxamyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<
8662	Tebuphenpyrad	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<
8701	Imidacloprid	µg/l	0,01	<	<	<	<	<	<	0,02	<	<	0,01	13	<	<	<	<	0,016	0,02	<
8703	Pymetrozine	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8726	Thiacloprid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8738	fipronil	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8746	Buprofezine	µg/l	0,08	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	<
8757	Tebufenozide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8770	Acetamiprid	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8771	Methoxyfenozide	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8774	Clothianidin	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8788	Thiametoxam	µg/l	0,01	0,01	<	0,01	<	<	<	0,02	<	0,01	0,01	13	<	<	0,01	<	0,016	0,02	<
Unclassified Molluscicides		750																			
8583	Thiodicarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
Nematicides		860																			
1784	cis-1,3-Dichloropropene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
1785	trans-1,3-Dichloropropene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8186	Dibromochloropropane	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
Pesticide metabolites		954																			
2023	4-Isopropylaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
2251	N,N-Dimethylsulfamid (DMS)	µg/l			0,07		0,07		0,08			0,06		4	0,06	*	*	0,07	*	0,08	<
8176	Desethylatrazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8178	Desisopropylatrazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<
8681	Desethylterbutylazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	<



Brakel (M845)

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MDL Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec n min p10 p50 mea p90 max

Various pesticides and metabolics 300

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
2251	N,N-Dimethylsulfamid (DMS)	µg/l			0,07		0,07		0,08			0,06		4	0,06	*	*	0,07	*	0,08	
8000	Acephate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8001	Aclonifen	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8025	Asulam	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8054	Bitertanol	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8066	Bromopropylate	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8067	Bupirimate	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8145	Cymoxanil	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8159	Daminozide	µg/l	0,25	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8237	Dimethirimol	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8260	Dodemorph	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8279	Ethirimol	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8280	Ethofumesat	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8292	Fenarimol	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8307	Fenpropimorph	µg/l	0,05	<	<	<	<	0,0775	<	<	<	<	<	26	<	<	<	<	<	0,13	
8334	Folpet	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8336	Phorate	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8348	Furalaxyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8368	Hexythiazox	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8373	Imazalil	µg/l	0,01	<	<	<	<	<	<	0,08	<	<	<	13	<	<	<	0,0108	0,05	0,08	
8376	Iprodione	µg/l	0,2	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8462	Nitrothal-isopropyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8497	Piperonylbutoxid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8522	Propyzamide	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8529	Pyrifenox	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8536	Rotenon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8545	Sethoxydim	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8574	Tetramethrin	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
8576	Thiabendazole	µg/l	0,01	0,02	0,05	<	0,02	<	<	<	<	<	<	13	<	<	<	0,0331	0,194	0,29	
8582	Thiocyclam hydrogenoxalate	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8584	Thiophanate-methyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8613	Triforine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8657	Dimethomorph	µg/l	0,05	<	<	<	<	<	<	<	0,065	<	<	26	<	<	<	<	0,06	0,07	
8658	DMST	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8661	Pyrimethanil	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	

woensdag 29 juli 2015

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
8664	Kresoxim-methyl	µg/l	0,02		<		<		<				<		4	<	*	*	<	*	<	
8670	1-(3,4-Dichlorophenyl)-3-methylurea	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	26	<	<	<	<	<	<	
8682	Dimethenamid	µg/l	0,02	<	<	<	<	0,022	0,057	0,035	<	<	<	<	26	<	<	<	<	0,0438	0,059	
8700	Cyprodinil	µg/l	0,05		<		<		<				<		4	<	*	*	<	*	<	
8701	Imidacloprid	µg/l	0,01	<	<	<	<	<	<	<	0,02	<	<	0,01	13	<	<	<	<	0,016	0,02	
8707	Clomazone	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8710	Florasulam	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8751	Phorate-sulfoxide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8752	Phorate-sulphone	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8757	Tebufenozide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8760	Fenhexamid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8761	Famoxadone	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8767	Isoxaflutole	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8771	Methoxyfenozide	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8786	Triazoxid	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8788	Thiametoxam	µg/l	0,01	0,01	<	0,01	<	<	<	0,02	<	0,01	0,01	0,01	13	<	<	0,01	<	0,016	0,02	
8794	benzyl(purin-6-yl)amine	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8796	Clodinafop-propargyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8797	Flumioxazin	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8798	Fluopicolide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8799	Fluoxastrobin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8802	Tepraloxydim	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
V102	Carphentrazon-ethyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
V161	Pesticides (sum)	µg/l	0,1							<					1	*	*	*	*	*	*	
Ethers			302																			
1428	Diisopropylether	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	0,03
1457	Bis(2-(2-methoxyethoxy)ethyl) ether (µg/l		0,024	0,021	0,02	0,032	0,036	0,045	0,043	0,049	0,038	0,05	0,079	0,064	13	0,02	0,02	0,038	0,0401	0,073	0,079
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,01	0,0164	<	0,0359	0,055	0,139	0,239	0,45	0,21	0,155	0,0702	0,0415	0,0298	13	<	<	0,0668	0,114	0,366	0,45
2156	Bis(2-methoxyethyl)ether (Diglyme)	µg/l	0,01	0,055	0,019	0,0185	0,041	0,029	0,027	0,046	0,064	0,075	0,038	0,041	0,036	13	<	0,0106	0,038	0,0391	0,0706	0,075
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
2173	Triethyleneglycol dimethylether (Trigl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2244	Tert-amy-l-methyl ether (TAME)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	



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		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max			
Fuel additives			303																					
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,01	0,0164	<	0,0359	0,055	0,139	0,239	0,45	0,21	0,155	0,0702	0,0415	0,0298	13	<	<	0,0668	0,114	0,366	0,45		
2086	1,2-Dibromoethane	µg/l	0,05												<	1	*	*	*	*	*	*		
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<		
2244	Tert-amyl-methyl ether (TAME)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<		
Various organic substances			305																					
1077	Cyclohexane	µg/l	0,03	<	<	<	<	<	<	0,03	<	<	<	<	<	12	<	<	<	<	<	<	0,03	
1079	Dicyclopentadiene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1432	Dimethoxymethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1753	Dimethyldisulfide	µg/l	0,01	0,015	0,0143	<	<	<	<	0,0209	0,0146	0,0118	0,0101	0,0106	0,0117	13	<	<	0,0106	0,0103	0,0185	0,0209		
1764	Tributylphosphate	µg/l	0,05	<	<	<	<	0,0545	0,0525	<	0,0525	<	<	<	0,095	26	<	<	<	<	0,08	0,13		
1765	Triethylphosphate	µg/l	0,05	<	<	<	<	<	0,06	0,06	0,105	<	0,065	<	0,065	26	<	<	<	<	0,076	0,12		
1767	Triphenylphosphate	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
2037	2-Aminoacetophenone	µg/l	0,1	<	<	<	<	<	0,11	<	<	<	<	<	<	13	<	<	<	<	<	<	0,11	
2092	Methylmethacrylate	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
2165	methenamine	µg/l		0,48	0,71	0,475	0,71	0,73	0,86	1,2	0,93	0,86	0,78	0,77	0,89	13	0,46	0,468	0,77	0,759	1,09	1,2		
6327	Amcinonide	µg/l	0,015			<	<	<	<		0,019		<	<	<	4	<	*	*	<	*	0,019		
V129	tetrahydro-2,2,5,5-tetramethylfuran	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
Industrial solvents			431																					
1027	Bromochloromethane	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<	
1040	1,2-Dichloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1044	Dichloromethane	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<	
1049	Hexachlorobutadiene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1056	Tetrachloroethene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1057	Tetrachloromethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1063	Trichloroethene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1064	Trichloromethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1070	1,2,3-Trichloropropane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1828	cis-1,2-Dichloroethene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1829	trans-1,2-Dichloroethene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1954	1,1,1,2-Tetrachloroethane	µg/l	0,05												<	1	*	*	*	*	*	*		
1955	1,1,1,2,2-Tetrachloroethane	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<	
2015	Chloroethane	µg/l	0,05												<	1	*	*	*	*	*	*		
8205	1,2-Dichloropropane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	



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MDL Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec n min p10 p50 mea p90 max

Industrial chemicals (with (per)fluor 433

2263	undecafluorohexanoic acid	µg/l	0,0025	0,0026	0,0032	<	0,003	0,0041	0,0043	0,005	0,0057	0,007	0,0057	0,0049	0,0043	13	<	<	0,0043	0,00412	0,00648	0,007	
2282	perfluoro-1-butanefulfonate linear (L	µg/l		0,0034	0,0039	0,00315	0,0029	0,0039	0,0045	0,005	0,0055	0,0045	0,0038	0,0038	0,004	13	0,0029	0,00294	0,0039	0,00396	0,0053	0,0055	
2283	henicosaflluorundecanoic acid	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2284	Perfluorovaleric acid	µg/l	0,005	<	<	<	<	<	<	<	0,0057	0,0077	<	<	<	13	<	<	<	<	0,0069	0,0077	
2287	Perfluorodecanoic acid (PFDA)	µg/l	0,001	<	<	<	<	<	<	<	0,0012	<	<	<	<	13	<	<	<	<	<	0,0012	
2288	heptafluorobutyric acid	µg/l	0,005	<	<	<	<	<	0,0054	<	0,0052	0,0056	0,0063	0,0086	0,007	13	<	<	<	<	0,00796	0,0086	
2289	Perfluoroheptanoic acid (PFHpA)	µg/l	0,0025	<	<	<	<	<	<	0,0027	0,003	0,0033	0,0033	0,0028	0,0026	13	<	<	<	<	0,0033	0,0033	
2290	Perfluorononanoic acid (PFNA)	µg/l	0,001	<	<	<	<	<	<	<	0,001	<	<	<	<	13	<	<	<	<	<	0,001	
2292	Perfluorohexane sulfonate (PFHxS)	µg/l	0,001	<	<	<	<	0,001	0,0013	0,0014	0,0014	0,0014	0,0014	0,001	<	13	<	<	0,001	<	0,0014	0,0014	
2294	Perfluorooctanoate (PFOA)	µg/l		0,0041	0,0053	0,005	0,004	0,0044	0,0055	0,0061	0,0057	0,006	0,0053	0,0043	0,0043	13	0,004	0,00404	0,0053	0,005	0,00606	0,0061	
2295	heptadecafluorooctane-1-sulphonic	µg/l		0,0034	0,0035	0,00365	0,0037	0,0057	0,006	0,0064	0,0083	0,008	0,0032	0,005	0,0052	13	0,0032	0,00328	0,005	0,00505	0,00818	0,0083	
2315	6:2 fluorotelomer sulfonic acid (6:2 F	µg/l	0,0025	0,0033	0,0034	<	0,0031	<	<	<	0,0038	<	0,0032	<	<	13	<	<	<	<	0,00364	0,0038	



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		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
industrial chemicals (with arom. nit 434)																						
1683	Aniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1700	N-Methylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1705	3-Chloroaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1713	2,3,4-Trichloroaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1716	2,4,5-Trichloroaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1717	2,4,6-Trichloroaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1718	3,4,5-Trichloroaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1786	3-Methylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1862	N,N-Diethylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1864	N-Ethylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1979	2,4,6-Trimethylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2027	3,4-Dimethylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2028	2,3-Dimethylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2029	3-Chloro-4-methylaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2033	4-Methoxy-2-nitroaniline	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
2034	2-Nitroaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
2035	3-Nitroaniline	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
2038	2-(Phenylsulfon)aniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2052	4- and 5-Chloro-2-methylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2053	N,N-Dimethylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2055	2,4- and 2,5-Dichloroaniline	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2056	2-Methoxyaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<	
2057	2- and 4-Methylaniline	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2058	2-(Trifluoromethyl)aniline	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2059	2,5- and 3,5-Dimethylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2060	2,4- and 2,6-Dimethylaniline	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8063	4-Bromoaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8094	2-Chloroaniline	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8115	4-Chloroaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8196	2,6-Dichloroaniline	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8197	3,4-Dichloroaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8198	3,5-Dichloroaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8222	2,6-Diethylaniline	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
Industrial chemicals (with conazole 435)																						
8698	Azaconazole	µg/l	0,05		<		<			<			<		4	<	*	*	<	*	<	

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■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



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1-1-2014 up to 31-12-2014

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		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Industrial chemicals (with volatile h 437)																						
1035	Dibromomethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1039	1,1-Dichloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1041	1,1-Dichloroethene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1050	Hexachloroethane	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1061	1,1,1-Trichloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1062	1,1,2-Trichloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1962	Chloroethene	µg/l	0,00005	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
2086	1,2-Dibromoethane	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	1	*	*	*	*	*	*	*
8206	1,3-Dichloropropane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Industrial chemicals (with haloacid 438)																						
1792	Tetrachloro-orthophthalic acid	µg/l	0,02	<	<	<	<	<	<	<	<	<	0,02	<	13	<	<	<	<	<	<	0,02
8679	2,6-Dichlorobenzoic acid	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
Industrial chemicals (with phenols) 439																						
1528	3-Chlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1529	4-Chlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1531	2,3-Dichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1533	2,6-Dichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1534	3,4-Dichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1535	3,5-Dichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1537	2,3,4,5-Tetrachlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1538	2,3,4,6-Tetrachlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1539	2,3,5,6-Tetrachlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1541	2,3,4-Trichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1542	2,3,5-Trichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1543	2,3,6-Trichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
1544	3,4,5-Trichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
2067	2,4- and 2,5-Dichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8104	2-Chlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8602	2,4,5-Trichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8603	2,4,6-Trichlorophenol	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<

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Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Industrial chemicals (with PCBs) 440																							
1220	2,4,4'-Trichlorobiphenyl (PCB 28)	µg/l	0,00004	<	<	<	<	<	0,00005	0,00004	<	0,00005	0,00004	<	0,00004	12	<	<	<	<	0,00005	0,00005	
1244	2,5,2',5'-Tetrachlorobiphenyl (PCB 5)	µg/l	0,00003	<	<	<	0,00004	0,00004	0,00004	0,00005	0,00004	0,00004	0,00004	0,00003	0,00004	12	<	<	0,00004	000037	000047	0,00005	
1293	2,4,5,2',5'-Pentachlorobiphenyl (PCB)	µg/l	0,00003	<	<	<	0,00004	<	0,00003	0,00003	0,00005	0,00005	0,00006	<	0,00004	12	<	<	0,00003	0000312	000057	0,00006	
1310	2,4,5,3',4'-Pentachlorobiphenyl (PCB)	µg/l	0,00002	<	<	<	<	<	<	0,00002	<	<	0,00003	<	<	12	<	<	<	<	000027	0,00003	
1330	2,3,4,2',4',5'-Hexachlorobiphenyl (PC)	µg/l	0,00005	<	<	<	<	<	<	<	<	<	0,00006	<	<	12	<	<	<	<	<	0,00006	
1345	2,4,5,2',4',5'-Hexachlorobiphenyl (PC)	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1372	2,3,4,5,2',4',5'-Heptachlorobiphenyl (PCB 17)	µg/l	0,00004	<	<	<	<	<	<	<	<	0,00006	<	<	<	12	<	<	<	<	000048	0,00006	
Cooling agents 430																							
2017	Dichlorodifluoromethane	µg/l	0,05											<	1	*	*	*	*	*	*	*	
2019	Trichlorofluoromethane	µg/l	0,05											<	1	*	*	*	*	*	*	*	
Disinfection byproducts 446																							
1028	Bromodichloromethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1033	Dibromochloromethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1058	Tribromomethane	µg/l	0,01	<	<	<	<	<	<	0,0252	0,02	0,0121	<	<	<	13	<	<	<	0,0231	0,0252		
2302	N-Nitrosodimethylamine (NDMA)	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
Nitroso compounds 160																							
2302	N-Nitrosodimethylamine (NDMA)	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2303	N-Nitrosomorpholine (NMOR)	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2304	N-Nitrosopiperidine (NPIP)	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2305	N-Nitrosopyrrolidine (NPYR)	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2306	N-Nitrosomethylethylamine (NMEA)	µg/l	0,002	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2307	N-Nitrosodiethylamine (NDEA)	µg/l	0,002	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2308	N-Nitrosodi-n-propylamine (NDPA)	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2309	N-Nitroso-n-dibutylamine (NDBA)	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
Flameretardants 380																							
2109	2,4,2',4'-Tetrabromodiphenylether (PBB)	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2110	2,4,2',5'-Tetrabromodiphenylether (PBDE)	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2111	2,3,4,2',4'-Pentabromodiphenylether	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2112	2,4,5,2',4'-Pentabromodiphenylether	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2113	2,4,6,2',4'-Pentabromodiphenylether	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2114	2,4,5,2',4',5'-Hexabromodiphenylether	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2115	2,4,5,2',4',6'-Hexabromodiphenylether	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2169	2,4,4'-Tribromodiphenylether (PBDE)	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2170	2,3,4,2',4',5'-Hexabromodiphenylether	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	

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Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max			
X-ray contrast agents		340																					
6051	Diatrizoic acid (Amidotrizoic acid)	µg/l	0,061	0,057	0,0415	0,066	0,081	0,083	0,11	0,077	0,081	0,087	0,089	0,082	13	0,04	0,0412	0,081	0,0736	0,102	0,11		
6053	Iohexol	µg/l	0,062	0,053	0,053	0,079	0,093	0,09	0,092	0,075	0,073	0,077	0,071	0,065	13	0,051	0,0518	0,073	0,072	0,0926	0,093		
6054	Iomeprol	µg/l	0,16	0,12	0,145	0,17	0,25	0,24	0,27	0,21	0,22	0,22	0,2	0,17	13	0,12	0,128	0,2	0,194	0,262	0,27		
6055	Iopamidol	µg/l	0,073	0,071	0,054	0,081	0,095	0,095	0,12	0,099	0,098	0,09	0,093	0,1	13	0,053	0,0538	0,093	0,0864	0,112	0,12		
6057	Iopromide	µg/l	0,078	0,076	0,077	0,13	0,13	0,12	0,12	0,096	0,091	0,093	0,095	0,098	13	0,075	0,0754	0,095	0,0985	0,13	0,13		
6058	Iothalamic acid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
6059	Ioxaglic acid	µg/l	0,01	0,053	0,047	0,0495	0,053	0,065	0,061	0,063	0,047	<	<	0,075	0,079	13	<	<	0,053	0,0502	0,0774	0,079	
6060	Ioxitalamic acid	µg/l	0,046	0,042	0,0375	0,055	0,066	0,064	0,074	0,054	0,053	0,056	0,055	0,054	13	0,034	0,0368	0,054	0,0534	0,0708	0,074		
6233	Iodipamide	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Chemotherapy		345																					
6037	Cyclophosphamide	µg/l	0,0001	<	<	0,0002	0,0001	<	0,0002	0,0003	0,0002	0,0002	0,0002	<	13	<	<	0,0002	0,00154	0,0003	0,0003		
6038	Ifosfamid	µg/l	0,0002	<	<	<	<	<	0,0002	<	0,0002	<	<	<	13	<	<	<	<	0,00026	0,0003		
Antibiotics		310																					
6003	Chloramphenicol	µg/l	0,002	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
6022	Oxacillin	µg/l	0,011	<	<	<	<	<	<	<	<	<	<	<	11	<	<	<	<	<	<		
6032	Sulfamethoxazole	µg/l	0,009	0,008	0,018	0,012	0,023	0,015	0,02	0,013	0,009	0,01	0,01	0,008	13	0,008	0,008	0,01	0,0133	0,0248	0,026		
6034	Trimethoprim	µg/l	0,002	<	<	0,004	0,004	0,003	0,008	0,007	0,006	0,005	0,006	0,003	13	<	<	0,005	0,00438	0,0076	0,008		
6079	Lincomycin	µg/l	0,001	0,001	0,0035	0,001	0,0008	0,0008	0,003	0,001	0,002	0,001	0,002	0,001	13	0,0008	0,0008	0,001	0,00166	0,0048	0,006		
6086	Tiamulin	µg/l	0,002	<	<	0,0185	0,018	<	<	0,038	<	0,028	<	<	7	<	*	*	0,0176	*	0,038		
6091	Sulfaquinoxaline	µg/l	0,0002	<	<	<	<	<	<	0,0002	<	<	<	<	13	<	<	<	<	<	0,0002		
6109	theophylline	µg/l	0,015	<	0,18	0,0587	<	0,015	0,026	0,029	0,028	0,034	<	<	13	<	<	0,015	0,0359	0,152	0,18		
8315	6-Chloro-4-hydroxy-3-phenyl-pyridazi	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Beta-adrenergic blocking agents an		320																					
6042	Atenolol	µg/l	0,004	0,002	0,0035	0,004	0,002	0,004	0,004	0,002	0,002	0,003	0,003	0,002	13	0,002	0,002	0,003	0,003	0,004	0,004		
6044	Bisoprolol	µg/l	0,0002	0,004	0,003	0,004	0,007	0,004	0,005	0,01	<	<	0,005	0,008	0,004	12	<	0,00097	0,004	0,00484	0,0094	0,01	
6045	Metoprolol	µg/l	0,018	0,014	0,0115	0,038	0,014	0,017	0,016	0,013	0,008	0,018	0,023	0,015	13	0,008	0,0092	0,015	0,0167	0,032	0,038		
6047	Propranolol	µg/l	0,002	0,001	0,0105	0,007	0,001	<	0,011	0,012	0,01	0,012	0,008	0,007	12	0,001	0,001	0,0075	0,00767	0,0169	0,019		
6048	Sotalol	µg/l	0,0001	0,035	0,027	0,0145	0,024	<	0,015	0,009	0,007	0,015	0,024	0,032	0,028	13	<	0,00283	0,022	0,0188	0,0338	0,035	
6171	hydrochlorthiazide	µg/l	0,004	0,039	0,028	0,01	<	<	<	<	<	<	0,007	0,011	0,018	13	<	<	<	0,0104	0,0346	0,039	



Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

MDL Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec n min p10 p50 mea p90 max

Analgesic and anti-inflammatory dr 350

2061	Lidocaine	µg/l	0,006	0,006	0,0045	0,007	0,009	0,008	0,01	0,009	0,008	0,01	0,012	0,008	13	0,004	0,0044	0,008	0,00785	0,0112	0,012	
6068	Diclofenac	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6071	Ibuprofen	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6073	Ketoprofen	µg/l	0,002	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6074	Naproxen	µg/l	0,0006	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6075	Phenazone	µg/l	0,0002	0,004	0,005	0,0045	0,003	0,004	<	0,006	0,009	<	0,005	0,005	12	<	0,00097	0,0045	0,00451	0,0081	0,009	
6085	Primidone	µg/l	<	0,003	0,003	0,003	0,005	0,006	0,004	0,005	0,004	0,004	0,004	0,004	13	0,003	0,003	0,004	0,00392	0,0056	0,006	
6133	paracetamol	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
6134	Salicylic acid	µg/l	0,011	<	<	<	<	<	<	<	<	<	<	<	8	<	*	*	<	*	<	
6334	Triamcinolone hexacetonide	µg/l	0,075	<	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*	

Antidepressiva en verdoevende mid 355

6050	Diazepam	µg/l	0,0002	<	<	0,00025	<	0,0003	<	0,0005	0,0004	0,0004	0,0004	0,0002	0,0002	13	<	<	0,0002	0,000254	0,00046	0,0005	
6115	oxazepam	µg/l	<	0,007	0,005	0,0055	0,007	0,009	0,009	0,007	0,005	0,003	0,005	0,007	0,005	13	0,003	0,0038	0,006	0,00615	0,009	0,009	
6116	temazepam	µg/l	<	0,004	0,003	0,003	0,005	0,006	0,007	0,006	0,006	0,003	0,004	0,006	0,004	13	0,003	0,003	0,004	0,00462	0,0066	0,007	
6172	paroxetine	µg/l	0,003	<	<	0,146	0,51	<	<	<	<	<	<	<	5	<	*	*	0,161	*	0,51		
6298	Phenobarbital	µg/l	0,006	<	<	<	<	0,008	<	<	0,009	<	<	0,007	4	<	*	*	0,00675	*	0,009		
6302	Barbital	µg/l	0,004	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
6304	Secobarbital	µg/l	0,004	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
6305	Pentobarbital	µg/l	0,002	<	<	<	<	<	<	0,003	<	<	<	<	4	<	*	*	<	*	0,003		
6306	Thiopental	µg/l	0,006	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		
6307	Butalbital	µg/l	0,004	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<		

Lipid-lowering drugs 360

6061	Bezafibrate	µg/l	0,0007	<	0,0008	0,00095	0,001	0,002	<	0,0007	<	<	<	<	<	13	<	<	<	<	0,0016	0,002	
6062	Clofibrac acid	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6064	Fenofibrate	µg/l	0,002	<	<	0,15	0,046	0,011	0,006	0,031	<	0,023	0,046	<	9	<	*	*	0,035	*	0,15		
6065	Fenofibrin acid	µg/l	0,004	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
6066	Gemfibrozil	µg/l	0,006	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
6094	Clofibrate	µg/l	0,085	<	<	<	<	<	<	<	<	<	<	<	5	<	*	*	<	<	<		
6117	atorvastatin	µg/l	0,003	<	<	0,00775	<	<	<	<	0,003	<	0,004	0,009	0,007	13	<	<	<	0,00377	0,012	0,014	
6118	pravastatine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		

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Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Various pharmaceuticals			370																				
1613	Caffein	µg/l	0,17	0,24	0,0585	0,17	0,097	0,095	0,14	0,094	0,11	0,078	0,032	0,02	13	0,02	0,0248	0,095	0,105	0,212	0,24		
1860	Carbamazepine	µg/l	0,02	0,017	0,0155	0,024	0,027	0,033	0,034	0,03	0,019	0,023	0,029	0,02	13	0,015	0,0154	0,023	0,0236	0,0336	0,034		
6111	losartan	µg/l	0,0003	0,012	0,01	0,00507	0,011	0,0008		0,0009				0,0006	0,0004	9	<	*	*	0,00509	*	0,012	
6112	enalapril (Enacard)	µg/l	0,0002	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
6168	Metformin	µg/l		0,52	0,55	0,845	1,2	0,36	0,3	0,66	0,59	0,27	0,26	0,55	0,37	13	0,26	0,264	0,52	0,563	1,2	1,2	
6169	furosemide	µg/l	0,003	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
6313	Flunisolide	µg/l	0,015		<		<		<		<		<		4	<	*	*	<	*	<		
6318	Desoximetasone	µg/l	0,003		<		<		<		<		<		4	<	*	*	<	*	<		
6320	Fluorometholonr	µg/l	0,015		<		<		<		<		<		4	<	*	*	<	*	<		
6323	Dexamethasone	µg/l	0,015		<		<		<		<		<		4	<	*	*	<	*	<		
8800	Pinoxaden	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
V333	Diaminomethylideneurea	µg/l				0,73	0,57	0,78	1,2	0,64	0,58	0,51	0,92	1,1	1,3	11	0,51	0,522	0,74	0,824	1,28	1,3	



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1-1-2014 up to 31-12-2014

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Endrocrin disrupting compounds (400																						
1644	Benzylbutylphthalate (BBP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1645	Di-n-butylphthalate (DBP)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1646	Diethylphthalate	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1647	Bis(2-ethylhexyl)phthalate (DEHP)	µg/l	1	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
1648	Dimethylphthalate	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
1649	Di-n-octylphthalate (DOP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2070	4-Octylphenol	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2078	Progesterone	µg/l	0,003	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
2085	4-tert-Octylphenol	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2181	isononylphenol	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2195	di-(2-methyl-propyl)phthalate	µg/l	0,1	<	0,125	<	<	<	<	0,1	<	0,21	<	<	13	<	<	<	<	0,206	0,21	
2196	Tetrabutyltin	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2197	Triphenyltin ion	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2199	Dibutyltin	µg/l	0,00025	0,00029	0,00024	0,0003	0,00049	0,00109	0,00112	0,00063	0,00028	0,00048	0,00035	0,0004	13	0,00021	0,00226	0,00035	0,00474	0,00111	0,00112	
2201	Difenyltin	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2253	Dipropylphthalate	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
2254	Diheptylphthalate	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
6269	Norethisterone	µg/l	0,003	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6314	Triamcinolone	µg/l	0,006	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6322	Rimexolone	µg/l	0,015	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6325	Prednisolone	µg/l	0,015	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6330	Aldosterone	µg/l	0,015	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6331	Prednisone	µg/l	0,015	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6332	Cortisone	µg/l	0,006	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6334	Triamcinolone hexacetonide	µg/l	0,075	<	<	<	<	<	<	<	<	<	<	<	3	*	*	*	<	*	<	
6340	Prednicarbate	µg/l	0,015	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6341	Triamcinolone acetonide	µg/l	0,015	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6344	Methylprednisolone	µg/l	0,015	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
6703	Activity with respect to 17-beta-estra	ng/l	0,111	0,057	0,105	0,035	0,063	0,143	0,069	0,057	0,089	0,047	0,25	0,2	13	0,035	0,0398	0,089	0,102	0,23	0,25	
V100	GR-Calux akt. Against Dexamethaso	ng/l	2	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	
V130	Phenol, 4-nonyl-, branched	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
V412	Androsteendion	ng/l	3	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
V413	Budesonide	ng/l	3	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
V414	Clobetasolpropionaat	ng/l	15	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	
V415	Cyproteronacetaat	ng/l	15	<	<	<	<	<	<	<	<	<	<	<	4	<	*	*	<	*	<	

woensdag 29 juli 2015

■ MDL = Method Detection Limit ■ n = number of observations per year ■ min = minimum ■ p10 p50 p90 = percentiles ■ mea = mean ■ max = maximum ■ * = insufficient number of data for statistics (for explanation of pictograms: see last page of this report) ■ ! = data series completely or partly composed using data estimated by neural network.

The values given in the tables under the different month columns can be both single values and average values, depending on the frequency with which measurements are taken. But to calculate the statistical key figures, the individual values measured are always used. These individual values are of course available from us on request.



Brakel (M845)

1-1-2014 up to 31-12-2014

sample point code	BRA
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		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
V416	d(-)-Norgestrel	ng/l	3		<		<			<			<		4	<	*	*	<	*	<
V417	Dihydrotestosteron	ng/l	15		<		<			<			<		4	<	*	*	<	*	<
V419	Phlucasonpropionate	ng/l	15		<		<			<			<		4	<	*	*	<	*	<
V420	Gestodene	ng/l	15		<		<			<			<		4	<	*	*	<	*	<
V421	Medroxyprogesteron	ng/l	3		<		<			<			<		4	<	*	*	<	*	<
V422	Testosterone	ng/l	3		<		<			<			<		4	<	*	*	<	*	<
Artificial sweeteners		410																			
2297	Sucralose	µg/l			0,29		0,82			1			0,84		4	0,29	*	*	0,738	*	1
2298	Sacharine	µg/l			0,06		0,07			0,09			0,06		4	0,06	*	*	0,07	*	0,09
2299	Cyclamate	µg/l			0,05		0,02			0,06			0,02		4	0,02	*	*	0,0375	*	0,06
2300	Acesulfame	µg/l			0,69		1,8			1,5			0,9		4	0,69	*	*	1,22	*	1,8

