

Brakel (M845)

1-1-2016 up to 31-12-2016

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	7,1			11,5	16	19,1	21,2	20,1	23,2	12,9	9,8	4,6	10	4,6	4,85	14,5	14,6	23	23,2	
0122	Oxygen	mg/l	10,7			11	9,2	9,4	10,9	9,6	9,3	8,8	9,6	10,9	10	8,8	8,84	9,6	9,94	11	11	
0123	Oxygen saturation	%	87,6			97,6	85,4	87,6	100	89,1	83,8	79,6	82,9	84,2	10	79,6	79,9	86,5	87,8	100	100	
0126	Turbidity	FTE	1,49			2	1,57	2,25	1,61	1,8	1,5	0,634	0,813	0,723	41	0,35	0,476	1,4	1,4	2,56	3,4	
0128	Suspended matter	mg/l	1,93			3,4	3,16	6,85	3,6	2,98	1,85	2,22	1,03	2,13	41	0,5	0,62	2,6	2,88	5,14	16,5	
0170	Odour (dilution factor)	-												9	1	*	*	*	*	*	*	
0180	pH	pH	8,19			8,43	8,18	8,25	8,49	8,32	8,32	8,11	8,08	8,13	10	8,08	8,08	8,22	8,25	8,48	8,49	
0200	Conductivity (at 20 °C)	mS/m	51,1			44,6	48,3	44,2	41,1	42,5	43,8	46,7	50,5	52,1	10	41,1	41,2	45,7	46,5	52	52,1	
0250	Total hardness	mmol/l	2,11			1,86	2	1,79	1,72	1,76	1,71	1,74	1,95	1,88	10	1,71	1,71	1,82	1,85	2,1	2,11	
Radio activity 020																						
0160	beta Radioactivity, total	Bq/l	0,2			<				<			0,2	3	*	*	*	*	*	*	*	
0161	alpha Radioactivity, total	Bq/l	0,05			<				<			<	3	*	*	*	*	*	*	*	
0162	Residual beta radioactivity (without	Bq/l	0,2			<				<			<	3	*	*	*	*	*	*	*	
Inorganic compounds 030																						
0222	Bicarbonate	mg/l	201			194	198	176	163	169	169	171	186	188	10	163	164	181	182	201	201	
0230	Chloride	mg/l	41,5			37	39,6	38,3	35,5	37,2	40,8	45	48,3	50,3	41	33	35,2	40	41,5	48,8	52	
0232	Sulfate	mg/l	48,8			42,1	45	46,6		42,6	49,4	54	55	59	9	42,1	*	*	49,2	*	59	
0288	Silicate (Si)	mg/l	4,02			2,48	2,38	1,82	2,15	2,66	2,29	2,43	2,76	3,09	10	1,82	1,86	2,45	2,61	3,93	4,02	
0380	Bromide	mg/l					0,1			0,089			0,13		3	*	*	*	*	*	*	
0382	Fluoride	mg/l	0,22			0,17	0,16	0,18	0,17	0,2	0,2	0,22	0,22	0,25	10	0,16	0,161	0,2	0,199	0,247	0,25	
0386	Cyanide, total	µg/l	2	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
0394	Bromate	µg/l	0,5	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Nutrients 040																						
0271	Ammonium (NH4)	mg/l	0,02	0,25		0,03	0,16	<	<	<	0,06	0,08	0,07	0,11	10	<	<	0,065	0,079	0,241	0,25	
0274	Kjeldahl Nitrogen	mg/l					0,9			0,8			0,6		3	*	*	*	*	*	*	
0281	Nitrite (NO2)	mg/l		0,108		0,053	0,128	0,112	0,082	0,069	0,072	0,046	0,056	0,066	10	0,046	0,0467	0,0705	0,0792	0,126	0,128	
0283	Nitrate (NO3)	mg/l		10,9		11,3	12,2	7,85	6,28	5,9	6,11	8,28	9,56	9,84	10	5,9	5,92	8,92	8,82	12,1	12,2	
0284D	Orthophosphate (PO4)	mg/l	0,05	0,22		<	0,077	<	<	<	0,055	0,124	0,158	0,145	41	<	<	0,07	0,0934	0,178	0,34	
0286D	Total phosphate (PO4)	mg/l		0,253		0,075	0,14	0,0925	0,09	0,098	0,105	0,164	0,185	0,178	41	0,06	0,07	0,12	0,141	0,21	0,37	



Brakel (M845)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Group compounds																						
070																						
0401	Total organic carbon (TOC)	mg/l	5,16			3,91	4,86	4,62	5,73	5,62	4,55	4,51	4,41	3,92	10	3,91	3,91	4,59	4,73	5,72	5,73	
0403	Dissolved organic carbon (DOC)	mg/l	4,72			4,21	4,42	4,52	5,3	5,52	4,44	4,28	4,41	4,03	41	3,83	3,93	4,5	4,61	5,29	6,37	
0404	Chemical oxygen demand (COD)	mg/l	13	14	14	15	14	17	16	15	13	12	16	9	13	9	10,2	14	14	16,6	17	
0406	Biochemical oxygen demand (BOD5)	mg/l	1	1	1	1	1	1	2	2	<	<	<	<	13	<	<	1	<	2	2	
0410	UV absorbance, 254 nm	1/m	14,4			10,5	13	11,2	14,9	14,5	12,6	11,6	11,1	10,3	10	10,3	10,3	12,1	12,4	14,9	14,9	
0412	Colour (Pt/Co scale)	mg/l	15			11	14	13	16	14	12	11	11	10	10	10	10,1	12,5	12,7	15,9	16	
0429R	Hydrocarbons (GC method)	mg/l	0,05			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
0437	AOBr (ads. org. geb. bromium)	µg/l	6,8			5,4									2	*	*	*	*	*	*	
0438	AOJ (ads. org. geb. jodium)	µg/l	6,9			6,1									2	*	*	*	*	*	*	
0442	AOS (ads. org. geb. sulpher)	µg/l	83			76									2	*	*	*	*	*	*	
Summend compounds																						
080																						
0451	Trihalomethanes (sum)	µg/l	0,03			<	<	<	<	<	<			<	8	<	*	*	<	*	<	
V161	Pesticides (sum of 35)	µg/l	0,1			<	<		0,14	0,12	<				5	<	*	*	<	*	0,14	
V325	Aromates (sum)	µg/l	0,05	0,15		0,08	0,1	0,08	0,16	0,1	<			<	8	<	*	*	0,09	*	0,16	
V460	Pyrethrins (sum of 6)	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Biological compounds																						
090																						
0612	Coliform bacteria, (37 °C, not conf.)	n/100 ml	100			8	1000	38	27	500	520	25	61	19	10	8	9,1	49,5	230	952	1000	
0614	Coliform bacteria, (37 °C, confirmed)	n/100 ml	100			8	1000	38	27	500	520	25	61	19	10	8	9,1	49,5	230	952	1000	
0622	thermotol.bact. Coli group bact. (44 °C)	n/100 ml	66	82	35	2	540	20	18	240	32	120	38	8	13	2	2,4	35	98,7	420	540	
0626	Escherichia coli (confirmed)	n/100 ml	20			8	400	23	22	0	420	25	49	11	10	0	0,8	22,5	97,8	418	420	
0634	Enterococci spp	n/100 ml	120			0	940	2		18	17	3	31	8	9	0	*	*	127	*	940	
0635	Enterococci spp (not conf.)	n/100 ml	360			120	940	10	0	18	17	3	31	8	10	0	0,3	17,5	151	882	940	
0664	Clostridium perfringens (incl. spoers)	n/100 ml	19			3	35	33	4	8	6	1	3	3	10	1	1,2	5	11,5	34,8	35	
0665	campylobacter spp.	n/100 ml	0,2	6,4		0,6		0,8	<	<	1,5	9,3	30	15	9	<	*	*	7,08	*	30	
0668	F-specific RNA-bacteriophages	n/ml	0,01	<		<	0,01	<	<	0,12	<	<	<	<	10	<	<	<	0,017	0,109	0,12	
V505	campylobacter-b	n/100 ml	3,8			0,6		0,8			0	9,3	30	15	7	0	*	*	8,5	*	30	



Brakel (M845)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
Hydrobiological compounds																				
	095																			
7025	Xanthophyceae	n/ml	0			0	0	0	0	0	0	0	0	28	0	0	0	0	0	0
7100	Chlorophyll-a	µg/l	2	<		3,3	3,66	11,1	12,4	12,6	4,38	<	<	28	<	<	5,2	7,26	17,2	26
7101	Chlorophyll-a and phaeophytine (su	µg/l	2	3,4		6	5,44	14,9	16	15,5	6,38	<	2,1	28	<	<	7,35	9,76	22,2	27
7110	Phaeophytine	µg/l	2	<		2,6	<	4,02	3,5	2,78	2,05	<	<	28	<	<	<	2,5	5,21	6,1
7200	Phytoplankton total	n/ml	180			3300	1610	11000	6350	6760	1780	820	1000	28	180	805	2600	4570	10200	21000
7201	Phytoplankton divers	n/ml	0			0	0	0	0	0	0	0	0	28	0	0	0	0	0	0
7240	Cyanophyceae	n/ml	0			0	3,6	5,5	1	2	22,2	0	0	28	0	0	0	5,09	18,4	78
7260	Cryptophyceae	n/ml	140			2650	962	3240	2130	3480	1090	670	840	28	140	591	1200	1990	4840	8400
7280	Chrysophyceae	n/ml	15			109	191	1140	1390	476	60,3	0	15	28	0	14	190	498	1730	3200
7300	Chlorophyceae	n/ml	20			330	294	785	1050	924	230	130	120	28	20	61,7	410	557	1400	1800
7320	Bacillariophyceae	n/ml	6			215	149	5820	1750	1820	388	22	40	28	6	21,4	340	1510	4180	16000
7340	Euglenophyceae	n/ml	0			19,5	9	11	0	0	0	0	0	28	0	0	0	4,57	32,7	44
7360	Dinophyceae	n/ml	0			0	0	50	28,5	103	10,3	0	0	28	0	0	0	31,1	146	320
7500	Zooplankton, total	n/l	20			250	185	2170	1300	1430	1380	39	40	27	16	35,2	400	1030	3340	5400
7510	rhizopoda	n/l	0			0,5	0	0	0	0,2	0	0	0	27	0	0	0	0,0741	0,2	1
7530	Testacea	n/l	1			6	1,75	0,5	1,25	3	2,25	3	1	27	0	0	1	2,07	6	6
7540	Tardigrada	n/l	0			0	1,25	0,075	0	0	0	0	0,2	27	0	0	0	0,215	0,3	5
7550	Rotatoria	n/l	11			134	99,5	2090	1120	968	1180	10	29	27	8	10,8	290	856	2620	5400
7580	Ciliata	n/l	4			72	24,5	59,5	119	290	38,8	3	2	27	1	2,8	50	95,2	218	850
7600	Heliozoa	n/l	0			0	0	1,5	0	0	0	0	0	27	0	0	0	0,222	0	6
7610	Ostracoda	n/l	0			0	0,2	0	0	0	0	0	0	27	0	0	0	0,0296	0	0,8
7620	Cladocera	n/l	0			4	2,73	2	8,25	22,6	12,8	0,4	0,2	27	0	0	2	8,32	33,2	59
7640	Naupilus-Larve	n/l	2			20	40,8	15,8	15,8	39,8	81,3	8	5	27	2	4,4	24	32,2	76,6	160
7650	Cyclopoidea	n/l	0,5			10	7,73	2,35	5,7	15,2	8	4	2	27	0,5	0,76	4	7,36	22,8	27
7660	Calanoidea	n/l	0,1			1	1,73	1,4	0,375	0	2,25	3	0,7	27	0	0	0,7	1,1	3	5
7670	Harpacticoidea	n/l	0			0,4	0,5	0	0,25	0	0,125	2	0	27	0	0	0	0,233	1,2	2
7680	Gastrotricha	n/l	0			0	0	0,225	0	0	0,25	0	0	27	0	0	0	0,0704	0,36	1
7690	Oligochaeta	n/l	0			0	0	0	0	0	0	0	0	27	0	0	0	0	0	0
7700	Nematoda	n/l	2			0,65	1,18	0	0	1	0	0,2	0	27	0	0	0	0,496	2,2	4
7710	Turbellaria	n/l	0			0,45	0	0	1	0	0,75	0	0	27	0	0	0	0,293	1,2	4
7736	Chironomidae	n/l	0			0,2	0	0	0,25	0	0	0	0	27	0	0	0	0,0519	0,08	1
7740	Hydrachnellae	n/l	0,1			0	0	0	0	0,2	0	0	0	27	0	0	0	0,0444	0,1	1
7745	Hydrachnellae, larve	n/l	0			0	0,25	0,25	0,225	0	0	0,2	0	27	0	0	0	0,122	0,92	1
7768	Bivalvia, larve	n/l	0			0	3,25	3,25	26,8	66,8	54,3	4	0,1	27	0	0	6	25,5	109	280
7800	Biology, divers	n/l	0			0	0	0	0	0	0,5	0	0	27	0	0	0	0,0741	0	2

woensdag 23 augustus 2017

Page 3 of 37

■ 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)

1-1-2016 up to 31-12-2016

sample point code	BRA
-------------------	-----

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
V159	dreissena-larvae, resting < 90µm	n/l			1,5	2,4	12,8	4,25	7	5	3			29	0	0	2	5,28	13	39
V160	dreissena-larvae, resting > 90µm	n/l			0	1	3,25	5	39,8	54,8	6,2			29	0	0	2	16,8	38	210
V163	Protozoa < 30 µm	n/l	0		0	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0
V499	dreissena-larvae, dead	n/l			0	0	0	0,75	0,4	0,25	0			29	0	0	0	0,207	1	2
V500	dreissena-larvae, alive	n/l			0,5	1	1,25	1	3,4	1,75	0			29	0	0	0	1,34	5	8
V502	dreissena-larvae, empty shells	n/l			0,5	0,4	0,25	1,25	1,2	1,25	0,2			29	0	0	0	0,724	3	4



Brakel (M845)

1-1-2016 up to 31-12-2016

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	050																				
0240 Sodium	mg/l	33,2			23,8	27,7	26,6	24	25,4	29,9	32,6	38,7	39,4	10	23,8	23,8	28,8	30,1	39,3	39,4	
0242 Potassium	mg/l					5,94			5,49			7,45		3	*	*	*	*	*	*	
0244 Calcium	mg/l	68,8			61,2	64,7	58,2	55,4	56,2	54,1	55,9	62,7	60,7	10	54,1	54,2	59,5	59,8	68,4	68,8	
0246 Magnesium	mg/l	9,63			8,13	9,32	8,1	8,27	8,68	8,69	8,49	9,31	8,97	10	8,1	8,1	8,69	8,76	9,6	9,63	
0300 Iron	mg/l	0,195	0,274	0,235	0,162	0,226	0,211	0,049	0,064	0,035	0,081	0,037	0,046	13	0,035	0,0358	0,162	0,145	0,298	0,34	
0306 Manganese	µg/l	89,2	111	123	58,8	105	40,6	25,2	35	19,7	37	24,2	27,9	13	19,7	21,5	40,6	62,1	133	140	
0310 Aluminium	µg/l	98,8	163	92,3	92,4	88,2	115	18,4	28,5	19,4	52,2	18,6	20	13	18,4	18,5	73	74,6	198	253	
0312 Antimony	µg/l	0,285	0,229	0,242	0,258	0,27	0,277	0,248	0,28	0,311	0,337	0,41	0,365	13	0,217	0,227	0,277	0,288	0,392	0,41	
0314 Arsenic	µg/l	0,857	0,618	0,463	0,47	0,641	0,497	0,456	0,704	0,664	0,802	0,821	0,752	13	0,456	0,459	0,657	0,643	0,843	0,857	
0316 Barium	µg/l	41,9	40,2	42,5	35	43,2	37,5	33	35,5	30,5	34,6	36,4	37	13	30,5	31,5	36,4	37,5	43,9	44,4	
0318 Beryllium	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
0323 Boron	µg/l	56,2	49,7	50,7	44,8	50,4	52,1	43,3	49,8	60,5	80,3	65	61,4	13	43,3	43,9	51,3	54,9	74,2	80,3	
0324 Cadmium	µg/l	0,088	0,0545	0,0782	0,0578	0,051	0,0551	0,0382	0,0416	0,0354	0,0545	0,0578	0,0661	13	0,0354	0,0365	0,0549	0,0564	0,0841	0,088	
0326 Chromium	µg/l	1,58	0,447	1,55	0,288	0,29	0,562	0,277	0,91	0,226	0,734	0,111	0,243	13	0,111	0,157	0,33	0,59	1,57	1,58	
0328 Cobalt	µg/l	0,386	0,375	0,439	0,405	0,505	0,348	0,244	0,296	0,283	0,357	0,341	0,315	13	0,244	0,26	0,357	0,359	0,479	0,505	
0330 Copper	µg/l	3,17	2,43	2,96	2,32	2,42	2,58	2,4	2,7	2,75	3	2,42	2,21	13	2,21	2,25	2,5	2,6	3,1	3,17	
0332 Mercury	µg/l	0,00195	0,00198	0,00178	0,00232	0,00196	0,00277	0,00111	0,00117	0,00079	0,00162	0,00055	0,00086	13	0,00055	0,00646	0,00162	0,0016	0,00265	0,00277	
0334 Lead	µg/l	0,419	0,359	0,408	0,466	0,402	0,955	0,187	0,227	0,15	0,572	0,162	0,251	13	0,15	0,155	0,402	0,378	0,802	0,955	
0336 Lithium	µg/l	7,66	6,29	5,92	5,47	4,96	7,01	5,53	6,32	8,59	10,8	11	10,2	13	4,96	5,16	6,68	7,39	10,9	11	
0338 Molybdenum	µg/l	2,74	1,36	1,79	1,2	2,2	1,61	1,28	1,56	1,65	1,77	1,91	2,06	13	1,2	1,23	1,65	1,73	2,52	2,74	
0340 Nickel	µg/l	4,17	3,44	4,51	3,06	4,09	3,25	3,02	3,51	3,43	4,07	3,59	3,27	13	3,02	3,04	3,51	3,6	4,37	4,51	
0342 Selenium	µg/l	0,226	0,192	0,173	0,183	0,176	0,188	0,167	0,191	0,185	0,193	0,196	0,197	13	0,167	0,169	0,188	0,189	0,218	0,226	
0343 Strontium	µg/l	235	248	269	234	256	229	210	227	201	220	216	228	13	201	205	228	232	271	273	
0344 Thallium	µg/l	0,0192	0,0161	0,0145	0,0207	0,018	0,0285	0,0256	0,0277	0,0283	0,0293	0,023	0,0196	13	0,013	0,0136	0,0207	0,022	0,029	0,0293	
0345 Tellurium	µg/l	0,02	0,0225	<	<	<	0,0343	0,0349	<	0,0308	0,021	<	0,0222	13	<	<	0,021	0,0205	0,0347	0,0349	
0346 Tin	µg/l	0,02	0,0375	<	0,0343	0,0388	<	0,0825	<	<	<	0,0231	<	13	<	<	<	0,0228	0,065	0,0825	
0348 Titanium	µg/l	0,5	1,92	2,31	1,56	1,48	1,53	2,2	<	<	<	0,764	<	13	<	<	1,1	1,18	2,99	3,52	
0350 Vanadium	µg/l	0,855	0,812	0,641	0,656	0,743	0,765	0,581	0,797	0,746	0,859	0,697	0,638	13	0,581	0,604	0,743	0,739	0,926	0,97	
0352 Silver	µg/l	0,02	<	<	0,0221	<	<	<	<	<	<	<	<	13	<	<	<	<	<	0,0221	
0354 Zinc	µg/l	11,5	9,75	10,1	7,36	24,8	11,3	7,54	3,07	3,94	13,5	3,85	4,69	13	3,07	3,38	8,3	9,32	20,3	24,8	
0373 Rubidium	µg/l	4,08	3,17	2,27	2,69	2,62	3,56	2,8	3,68	3,84	4,59	5,31	4,7	13	2,27	2,41	3,58	3,57	5,07	5,31	
0375 Uranium	µg/l	0,455	0,46	0,498	0,449	0,439	0,4	0,371	0,378	0,335	0,373	0,412	0,455	13	0,335	0,349	0,424	0,422	0,497	0,498	
V281 Cesium	µg/l	0,008	0,0428	0,0506	0,0363	0,0437	0,0467	0,0573	0,0315	0,0376	0,0394	0,0458	0,0488	<	13	<	0,0127	0,0428	0,0412	0,0682	0,0754



Brakel (M845)

1-1-2016 up to 31-12-2016

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	0,009	0,0085	0,007	0,008	0,013	0,007	0,005	0,003	0,004	0,005	0,004	0,005	13	0,003	0,0034	0,007	0,00669	0,0114	0,013		
0307	Manganese, 0.45 µm filtrate	µg/l	69,9	101	107	42,8	70,1	2,52	0,348	1,43	1,21	26,6	19,1	22,1	13	0,348	0,693	26,6	43,5	121	130		
0309	Boron, 0.45 µm filtrate	µg/l	53,3	47,1	50,5	45,7	50,1	49,1	42,6	50,5	61,3	83,7	61,4	58,7	13	42,6	43,8	50,5	53,9	74,8	83,7		
0311	Aluminium, 0.45 µm filtrate	µg/l	1	11,9		<	1,1	1	<	<	<	<	<	3,4	10	<	<	<	2,04	11,1	11,9		
0313	Antimony, 0.45 µm filtrate	µg/l	0,29	0,226	0,225	0,225	0,234	0,261	0,269	0,301	0,293	0,302	0,406	0,362	13	0,214	0,218	0,269	0,278	0,388	0,406		
0315	Arsenic, 0.45 µm filtrate	µg/l	0,786	0,53	0,412	0,397	0,551	0,406	0,426	0,7	0,667	0,761	0,801	0,734	13	0,397	0,401	0,56	0,592	0,795	0,801		
0317	Barium, 0.45 µm filtrate	µg/l	38,3	38,1	40,5	34,1	41,6	35,8	33,1	35,4	33,8	34,3	36,8	36,3	13	33,1	33,4	35,8	36,6	41,2	41,6		
0319	Berullium, 0.45 µm filtrate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
0325	Cadmium, 0.45 µm filtrate	µg/l	0,0904	0,0549	0,0847	0,056	0,0523	0,0417	0,0329	0,0398	0,0341	0,0557	0,064	0,0679	13	0,0329	0,0334	0,0557	0,0561	0,0881	0,0904		
0327	Chromium, 0.45 µm filtrate	µg/l	0,07	0,0941	0,108	<	0,0849	0,0982	0,306	0,0838	0,16	0,105	0,148	0,0865	0,0737	13	<	<	0,0941	0,115	0,248	0,306	
0329	Cobalt, 0.45 µm filtrate	µg/l	0,325	0,312	0,363	0,368	0,457	0,263	0,211	0,272	0,263	0,318	0,318	0,292	13	0,211	0,232	0,316	0,313	0,421	0,457		
0331	Copper, 0.45 µm filtrate	µg/l	2,85	2,17	2,84	2,14	2,31	2,02	2,3	2,66	2,48	2,48	2,08	2,18	13	2,02	2,04	2,3	2,36	2,85	2,85		
0333	Mercury, 0.45 µm filtrate	µg/l	0,00043	0,00061	0,00044	0,00027	0,00032	0,00031	0,00038	0,0003	0,00024	0,00024	0,00022	0,00033	13	0,00022	0,000228	0,00032	0,000362	0,000616	0,00064		
0335	Lead, 0.45 µm filtrate	µg/l	0,03	0,047	0,0317	<	0,0592	0,044	0,045	<	0,0324	0,035	0,0858	0,0564	0,0888	13	<	<	0,044	0,0452	0,0876	0,0888	
0337	Lithium, 0.45 µm filtrate	µg/l	7,46	6,14	5,75	5,64	5,76	6,7	5,75	6,96	9,1	9,73	10,6	9,94	13	5,64	5,68	6,7	7,36	10,3	10,6		
0339	Molybdenum, 0.45 µm filtrate	µg/l	2,61	1,39	1,74	1,22	2,24	1,6	1,31	1,61	1,73	1,7	1,91	2,03	13	1,22	1,26	1,7	1,73	2,46	2,61		
0341	Nickel, 0.45 µm filtrate	µg/l	3,44	3,18	3,7	2,93	3,88	2,89	2,9	3,35	3,29	3,44	3,44	3,19	13	2,89	2,89	3,29	3,29	3,81	3,88		
0347	Tin, 0.45 µm filtrate	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
0349	Titanium, 0.45 µm filtrate	µg/l	0,06	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	0,0716		
0351	Vanadium, 0.45 µm filtrate	µg/l	0,645	0,508	0,436	0,494	0,565	0,509	0,51	0,703	0,701	0,724	0,643	0,602	13	0,436	0,445	0,565	0,581	0,716	0,724		
0353	Silver, 0.45 µm filtrate	µg/l	0,009	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
0355	Zinc, 0.45 µm filtrate	µg/l	2	5,4	4,79	5,71	3,6	6,18	4,56	5,04	<	<	7,15	3,44	4,38	13	<	<	4,56	4,39	6,76	7,15	
0359	Rubidium, 0.45 µm filtrate	µg/l	3,99	2,84	2,2	2,57	2,72	3,35	2,97	3,64	3,83	4,96	5,28	5,24	13	2,2	2,3	3,35	3,57	5,26	5,28		
0361	Uranium, 0.45 µm filtrate	µg/l	0,474	0,478	0,516	0,467	0,457	0,406	0,381	0,392	0,354	0,391	0,426	0,455	13	0,354	0,365	0,448	0,437	0,513	0,516		
0362	Selemium, 0.45 µm filtrate	µg/l	0,22	0,191	0,168	0,178	0,176	0,174	0,158	0,172	0,175	0,19	0,194	0,195	13	0,158	0,162	0,176	0,183	0,216	0,22		
0363	Strontium, 0.45 µm filtrate	µg/l	242	243	269	245	261	225	214	228	205	230	219	226	13	205	209	228	235	266	269		
0364	Thallium, 0.45 µm filtrate	µg/l	0,0176	0,0147	0,014	0,0198	0,0199	0,0271	0,025	0,0285	0,0305	0,03	0,0242	0,0205	13	0,0124	0,013	0,0205	0,022	0,0303	0,0305		
0365	Tellurium, 0.45 µm filtrate	µg/l	0,08	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
V282	Cesium, 0.45 µm filtrate	µg/l	0,01	0,0184	<	<	0,0128	0,0169	0,0249	0,025	0,028	0,0358	0,0307	0,0445	0,0424	13	<	<	0,0249	0,0226	0,0437	0,0445	
Complex buiders		060																					
1793	Nitrioltriacetic acid (NTA)	µg/l	3	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1794	Ethylenediaminetetraacetic acid (ED)	µg/l		37,7		12,2	17,4	8,4	6,8	6,6	5,1	8,5	13,6	16,6	10	5,1	5,25	10,4	13,3	35,7	37,7		
2003	Diethylenetriaminepentaacetic acid (DTPA)	µg/l	3	18,1		<	<	<	<	<	<	<	<	<	10	<	<	<	3,16	16,4	18,1		

■ 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)

1-1-2016 up to 31-12-2016

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 cyclistic aromatic hydrocarbo 170																							
1074	Benzene	µg/l	0,01	<	<	<	<	<	0,0149	0,0121	<	<	<	<	13	<	<	<	0,0138	0,0149			
1080	1,2-Dimethylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	0,0121			
1088	Ethethylbenzene	µg/l	0,01	<	<	0,0257	<	<	<	<	<	<	<	<	13	<	<	<	0,0174	0,0257			
1089	Ethylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1098	Methylbenzene	µg/l	0,01	<	0,0209	0,0122	0,013	<	<	0,0141	<	0,0232	0,0151	0,0233	13	<	<	0,013	0,0129	0,024	0,0245		
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	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1120	1,3-Dichlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1121	1,4-Dichlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1127	Pentachlorobenzene	µg/l	0,00002	<	<	0,00003	0,00002	<	0,00003	<	<	0,00007	0,00012	<	13	<	<	0,000269	0,0001	0,00012			
1128	1,2,3,4-Tetrachlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<			
1130	1,2,4,5-Tetrachlorobenzene	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<			
1131	1,2,3-Trichlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1132	1,2,4-Trichlorobenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1133	1,3,5-Trichlorobenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1797	Iso-propylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1798	n-Propylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1832	1,3,5-Trimethylbenzene	µg/l	0,01	<	0,0386	0,0363	0,0189	0,0142	<	0,0262	0,0148	<	<	<	13	<	<	0,0141	0,0173	0,0523	0,063		
1951	1,2,4-Trimethylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1952	1,2,3-Trimethylbenzene	µg/l	0,01	<	<	<	<	0,0113	0,011	0,0185	<	<	<	<	13	<	<	<	0,0156	0,0185			
1956	3-Ethyltoluene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1957	4-Ethyltoluene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1958	2-Ethyltoluene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
1959	4-Chloromethylbenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	2	*	*	*	*	*			
1960	1-Methyl-4-isopropylbenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	2	*	*	*	*	*			
1998	t-Butylbenzene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<			
2014	Bromobenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	2	*	*	*	*	*			
2018	Iso-butylbenzene	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	8	<	*	*	<	*			
2039	1,3- and 1,4-Dimethylbenzene	µg/l	0,01	<	0,018	0,0139	0,0161	<	<	0,0111	<	<	0,0202	0,0103	0,0245	13	<	<	0,0111	0,0121	0,0239	0,0245	
2064	s-Butylbenzene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	2	*	*	*	*	*			
2087	Butylbenzene	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	8	<	*	*	<	*			
V220	4-isopropylbenzyl alcohol	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	8	<	*	*	<	*			

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max			
Poly cyclic aromatic hydrocarbon 180																							
1161	Acenaphthene	µg/l	0,002	0,016			0,007	<	<	<	<	<	<	10	<	<	<	0,0031	0,0151	0,016			
1162	Acenaphthylene	µg/l	0,005				<	<	<	<	<	<	0,019	9	<	*	*	<	*	0,019			
1163	Anthracene	µg/l	0,004	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
1165	Benzo(a)anthracene	µg/l	0,001	0,00458	<	<	0,00113	<	<	<	0,00339	0,00134	<	13	<	<	<	0,00115	0,0041	0,00458			
1166	Benzo(b)fluoranthene	µg/l		0,00788	0,000715	0,0015	0,00234	0,00035	0,00151	0,00035	0,00034	0,00871	0,00145	0,00037	0,0009	13	0,00034	0,00344	0,00108	0,00209	0,00838	0,00871	
1167	Benzo(k)fluoranthene	µg/l	0,00007	0,00427	0,00033	0,00081	0,00136	0,00022	0,00084	0,00024	<	0,00275	0,00044	0,00016	0,00029	13	<	0,00085	0,00044	0,000929	0,00366	0,00427	
1168	Benzo(ghi)perylene	µg/l		0,00404	0,000525	0,0009	0,00163	0,00033	0,00085	0,00032	0,00038	0,00427	0,00066	0,00023	0,00043	13	0,00023	0,00242	0,00066	0,00116	0,00418	0,00427	
1169	Benzo(a)pyrene	µg/l	0,002	0,00383	<	<	<	<	<	<	<	0,00318	<	<	<	13	<	<	<	<	0,00357	0,00383	
1172	Chrysene	µg/l	0,004	0,00749	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	0,00529	0,00749	
1173	Dibenzo(a,h)anthracene	µg/l	0,003	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	<	
1180	Phenanthrene	µg/l		0,0468	0,006	0,0111	0,00526	0,00408	0,008	0,00418	0,00315	0,00772	0,00872	0,00404	0,00586	13	0,00315	0,00351	0,00586	0,0093	0,0325	0,0468	
1181	Fluoranthene	µg/l	0,002	0,0379	0,00354	0,00823	0,00596	<	0,00716	0,00292	0,00218	0,0161	0,00467	0,00247	0,00317	13	<	<	0,00404	0,0076	0,0292	0,0379	
1182	Fluorene	µg/l	0,003	<	<	<	<	<	<	<	<	<	0,006	0,015	0,02	10	<	<	<	0,00515	0,0195	0,02	
1183	Indeno(1,2,3-cd)pyrene	µg/l	0,0002	0,00449	0,00047	0,00096	0,00166	0,00033	0,00084	0,00033	<	0,00412	0,00063	0,0002	0,00041	13	<	<	0,00063	0,00115	0,00434	0,00449	
1188	Pyrene	µg/l	0,002	0,0219	0,00205	0,0041	0,00344	0,00355	0,00349	<	<	0,0134	0,00409	<	0,00236	13	<	<	0,00344	0,00488	0,0185	0,0219	
8450	Naphthalene	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	<	
8801	quinoclamine	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<	
V377	dibenzo(b,k)fluoroanthene	µg/l	0,006	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<	



Brakel (M845)

1-1-2016 up to 31-12-2016

sample point code BRA

	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	0,0003	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8099 Chlorobufam	µg/l	0,02												3	*	*	*	*	*	*	*
8117 Chlorthal	µg/l	0,02	<											20	<	<	<	<	<	<	<
8118 Chlorthal-methyl	µg/l	0,04												3	*	*	*	*	*	*	*
8163 p,p-DDD	µg/l	0,0003	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8165 p,p-DDE	µg/l	0,0002	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8166 o,p-DDT	µg/l	0,0002	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8167 p,p-DDT	µg/l	0,00009	<	<	<	<	<	<	<	<	0,00011	<	<	13	<	<	<	<	<	<	<
8189 Dichlobenil	µg/l	0,02	<											10	<	<	<	<	<	<	<
8199 2,6-Dichlorobenzamide (BAM)	µg/l	0,05	<											10	<	<	<	<	<	<	<
8211 Dichloran	µg/l	0,05												3	*	*	*	*	*	*	*
8215 Dicofol	µg/l	0,25												3	*	*	*	*	*	*	*
8217 Dieldrin	µg/l	0,0002	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8263 alpha-Endosulfan	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8264 beta-Endosulfan	µg/l	0,0003	<	<	<	<	<	<	<	<	<	<	<	12	<	<	<	<	<	<	<
8268 Endrin	µg/l	0,0005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8305 Fenpiclonil	µg/l	0,05												3	*	*	*	*	*	*	*
8358 Heptachlor	µg/l	0,00005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8359 Heptachloroepoxide (cis + trans)	µg/l	0,03	<											10	<	<	<	<	<	<	<
8361 Hexachlorobenzene (HCB)	µg/l	0,0002	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8362 alpha-Hexachlorocyclohexane (alph	µg/l	0,00006	<	<	<	<	<	<	<	0,00007	<	<	<	13	<	<	<	<	<	<	<
8363 beta-Hexachlorocyclohexane (beta-	µg/l	0,00005	0,0001	0,00007	<	0,00005	<	0,00006	0,00006	0,00008	0,00049	0,00023	0,00012	0,00012	13	<	<	0,00007	0,00115	0,00386	0,00049
8379 Isodrin	µg/l	0,0003	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8393 Lindane (gamma-HCH)	µg/l	0,00008	0,00021	0,00018	0,00013	0,00017	<	0,00017	0,00015	0,00017	0,00012	0,0002	0,00014	0,00019	13	<	<	0,00017	0,00158	0,00206	0,00021
8573 Tetradifon	µg/l	0,05												3	*	*	*	*	*	*	*
8629 delta-Hexachlorocyclohexane (delta-	µg/l	0,00008	<	<	<	<	<	<	<	<	0,00011	<	<	13	<	<	<	<	<	<	<
8630 cis-Heptachlorepoide	µg/l	0,00005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8631 trans-Heptachlorepoide	µg/l	0,0007	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8741 zoxamide	µg/l	0,01	<											10	<	<	<	<	<	<	<

■ 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)

1-1-2016 up to 31-12-2016

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 pe 210																							
8027	Azamethiphos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8028	Azinphos-ethyl	µg/l	0,0006	<	<	<	<	<	<	<	0,00093	<	<	13	<	<	<	<	0,000678	0,00093			
8029	Azinphos-methyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<			
8044	Bentazon	µg/l	0,02	0,035	<	<	<	0,065	0,0467	0,03	0,03	0,025	<	20	<	<	0,03	0,031	0,059	0,07			
8059	Bromophos-methyl	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*			
8108	Chlorfenvinphos	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
8112	Chlorpyriphos-methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*			
8136	Coumaphos	µg/l	0,0002	<	<	<	<	<	<	<	0,00208	<	<	13	<	<	<	0,000252	0,00129	0,00208			
8172	Demeton-O + S	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8173	Demeton-S-Methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8174	Demeton-S-methylsulfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8185	Diazinon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<			
8188	Dicamba	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	0,01			
8216	Dicrotophos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8238	Dimethoate	µg/l		0,184	0,153	0,0921	0,0345	0,0166	0,0113	0,00603	0,00176	0,00097	0,00106	0,00268	0,00841	13	0,00097	0,00101	0,0113	0,0512	0,172	0,184	
8255	Disulfoton	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8271	S-Ethyl dipropylthiocarbamate (EPT	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*			
8281	Ethoprophos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<			
8289	Etrimfos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*			
8290	Fenamiphos	µg/l	0,0002	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
8296	Fenchlorphos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*			
8298	Fenitrothion	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
8309	Fenthion	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
8335	Fonofos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*			
8340	Phosalon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*			
8343	Phosphamidon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8345	Phosmet	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8346	Phoxim	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8354	Glyphosate	µg/l	0,05	<	<	<	0,12	<	<	<	<	<	<	10	<	<	<	<	0,11	0,12			
8360	Heptenophos	µg/l	0,0003	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
8396	Malathion	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<			
8423	Methidathion	µg/l	0,02	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*			
8445	Monocrotophos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8468	Omethoate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
8475	Oxydemeton-methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
8479	Paraoxon-ethyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8482	Parathion-ethyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8483	Parathion-methyl	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8500	Pirimiphos-ethyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*		
8501	Pirimiphos-methyl	µg/l	0,0001	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
8526	Pyrazophos	µg/l	0,002	<	<	<	<	<	<	0,00207	<	<	<	13	<	<	<	<	<	0,00207		
8550	Sulfotep	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8561	Temephos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8566	Terbufos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8572	Tetrachlorvinphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8590	Tolclofos-methyl	µg/l	0,003	0,022	0,0342	0,0183	0,0142	0,00496	0,037	<	<	<	0,00554	13	<	<	0,00554	0,0137	0,0443	0,0491		
8600	Triazophos	µg/l	0,00004	<	<	<	<	<	<	<	0,00045	<	<	13	<	<	<	0,000531	0,00278	0,00045		
8604	Trichlorfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8632	Aminomethylphosphonic acid (AMP)	µg/l	0,54	<	<	0,41	0,32	0,47	0,43	0,73	0,8	0,99	1	1,2	10	0,32	0,329	0,635	0,689	1,18	1,2	
8642	cis-Chlorfenvinphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8643	trans-Chlorfenvinphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8646	cis-Phosphamidon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8647	trans-Phosphamidon	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8652	Chlorpyrifosethyl	µg/l	0,001	<	<	<	<	<	<	<	0,00101	<	<	13	<	<	<	<	<	<	0,00101	
8680	Edifenphos	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8702	Nicosulfuron	µg/l	0,02	<	<	<	<	0,0255	0,0303	<	<	<	<	20	<	<	<	<	0,0307	0,036		
8704	Sulcotrione	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8705	Amidosulfuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8712	Fosthiazate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8716	Mesotrione	µg/l	0,01	<	<	<	<	0,02	<	<	<	<	<	10	<	<	<	<	0,0185	0,02		
8719	Prosulfuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8723	Rimsulfuron	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8726	Thiacloprid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8727	Triflurosulfuron-methyl	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8746	Buprofezine	µg/l	0,08	<	<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*		
8749	Disulphoton-sulfone	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8750	oxydisulfoton	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8759	Fensulfothione	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8770	Acetamiprid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8777	Phenamiphos-sulfoxid	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8778	Phenamiphos-sulfon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
8779	Fenthion-sulfoxid	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8780	Fenthion-sulfon	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
9000	Mevinphos	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
V110	Tembotrione	µg/l	0,2	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
V250	2,3-bis(sulfanyl)butanedioic acid (D	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
Organonitrogen pesticides		220																					
8057	Bromacil	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8127	Chloridazon	µg/l	0,001	<	<	0,0025	0,00578	0,0215	0,0307	0,0259	0,0195	0,00813	0,00736	0,00619	0,00505	13	<	<	0,00619	0,0103	0,0288	0,0307	
8261	Dodine	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8347	Fuberidiazole	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8392	Lenacil	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8471	Oxadiazon	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8662	Tebuphenpyrad	µg/l	0,05				<			<					3	*	*	*	*	*	*		
8699	Azoxystrobin	µg/l	0,25				<			<					3	*	*	*	*	*	*		
8732	Chloridazon-desphenyl	µg/l		0,23		0,23	0,14	0,2	0,17	0,2	0,24	0,27	0,29	0,26	10	0,14	0,143	0,23	0,223	0,288	0,29		
8737	picoxystrobin	µg/l	0,01				<			<			<		3	*	*	*	*	*	*		
8738	fipronil	µg/l	0,01				<			<			<		3	*	*	*	*	*	*		
8742	fenamidone	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<		
8744	boscalid	µg/l	0,01				0,01			<			0,01		3	*	*	*	*	*	*		
8793	Imazamethabenz-Methyl	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		



Brakel (M845)

1-1-2016 up to 31-12-2016

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	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8004 Aldicarb-sulfon	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8005 Aldicarb-sulfoxide	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8040 Bendiocarb	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8068 Butocarboxim	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8069 Butoxycarboxim	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8076 Carbaryl	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8078 Carbetamide	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8082 Carbofuran	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8084 Carboxin	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8139 Cycloate	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8179 Desmedipham	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8221 Diethofencarb	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8277 Ethiofencarb	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8300 Phenmedipham	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8304 Fenoxycarb	µg/l	0,00006	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8349 Furathiocarb	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8424 Methiocarb	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8425 Methomyl	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8472 Oxadixyl	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8473 Oxamyl	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8474 Oxycarboxin	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8499 Pirimicarb	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8509 Propham	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8514 Propamocarb	µg/l	0,05	0,09		<	<	<	<	<	<	<	<	<	10	<	<	<	<	0,0835	0,09
8583 Thiodicarb	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8585 Thiofanox	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8597 Triallate	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8626 Chlorpropham	µg/l	0,02	<		<	<	<	<	0,02	<	<	<	0,02	10	<	<	<	<	0,02	0,02
8634 Butocarboximsulfoxide	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8636 Methiocarb-sulfon	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8639 3-Hydroxycarbofuran	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8649 Prosulfocarb	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8722 Pyraclostrobin	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8753 Methiocarb Sulphoxide	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

		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) carbam	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8766	Iprovalicarb	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8775	Pirimicarb-desmethyl	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Biocides		285																			
2116	Tributyltin-cation	µg/l	0,00027	0,00018	0,00022	0,00015	0,00013	0,00013	0,00014	0,00013	0,00014	0,00016	0,00021	0,00022	13	0,00013	0,00013	0,00016	0,000174	0,00025	0,00027
8079	Carbendazim	µg/l	0,02	0,153		0,04	0,071	0,0315	0,0275	0,0233	<	<	0,0725	0,0335	20	<	<	0,031	0,0476	0,118	0,22
8169	Diethyltoluamide (DEET)	µg/l	0,02	0,026		<	<	<	<	0,0213	0,0375	0,0365	0,0285	0,03	20	<	<	0,0255	0,0225	0,0378	0,039
8191	Dichlofluanid	µg/l	0,03			<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8209	Dichlorvos	µg/l	0,0002	<	0,00458	<	<	0,00212	<	<	0,00033	0,00026	0,00074	<	13	<	<	<	0,00102	0,00477	0,00552
8519	Propiconazole	µg/l	0,00772	0,00747	0,00531	0,00473	0,00523	0,00687	0,00885	0,00668	0,00892	0,00732	0,0054	0,00479	13	0,00473	0,00475	0,00668	0,00667	0,009	0,00906
8521	Propoxur	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8773	Indoxacarb	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Carbamate Fungicides		450																			
8514	Propamocarb	µg/l	0,05	0,09		<	<	<	<	<	<	<	<	<	10	<	<	<	<	0,0835	0,09
8766	Iprovalicarb	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Dithiocarbamate Fungicides		460																			
8815	benthiavalicarb isopropyl	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Benzimidazole Fungicides		470																			
8079	Carbendazim	µg/l	0,02	0,153		0,04	0,071	0,0315	0,0275	0,0233	<	<	0,0725	0,0335	20	<	<	0,031	0,0476	0,118	0,22
8347	Fuberidiazole	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8576	Thiabendazole	µg/l	0,01	0,02		<	<	0,01	<	<	<	<	<	<	10	<	<	<	<	0,019	0,02
8584	Thiophanate-methyl	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Conazole Fungicides		480																			
8054	Bitertanol	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8212	Diclobutrazol	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8243	Diniconazole	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8288	Etridiazole	µg/l	0,02			<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8448	Myclobutanil	µg/l	0,05			<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8519	Propiconazole	µg/l	0,00772	0,00747	0,00531	0,00473	0,00523	0,00687	0,00885	0,00668	0,00892	0,00732	0,0054	0,00479	13	0,00473	0,00475	0,00668	0,00667	0,009	0,00906
8596	Triadimenol	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8659	Epoxiconazole	µg/l	0,05			<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8690	Difenoconazole	µg/l	0,25			<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8748	Cyproconazole	µg/l	0,05			<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*
8781	Tricyclazole	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8858	Etaconazol	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

	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			<			<			<		3	*	*	*	*	*	*
8505	Prochloraz	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8660	Flutolanil	µg/l	0,02			<			<			<		3	*	*	*	*	*	*
8741	zoxamide	µg/l	0,01	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8744	boscalid	µg/l	0,01			0,01			<			0,01		3	*	*	*	*	*	*
8810	Amisulbrom	µg/l	0,03	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8876	Fluopyram	µg/l	0,03			0,01	0,04	0,02	0,02	0,02	0,02	0,02	0,02	10	0,01	0,011	0,02	0,022	0,039	0,04
8905	Mandipropamid	µg/l	0,01	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Pyrimidine Fungicides		500																		
8067	Bupirimate	µg/l	0,02	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8292	Fenarimol	µg/l	0,05			<			<			<		3	*	*	*	*	*	*
8661	Pyrimethanil	µg/l	0,02			<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
8700	Cyprodinil	µg/l	0,02	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
V444	ametoctradin	µg/l	0,01	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Strobilurine Fungicides		510																		
8664	Kresoxim-methyl	µg/l	0,02	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8699	Azoxystrobin	µg/l	0,25			<			<			<		3	*	*	*	*	*	*
8722	Pyraclostrobin	µg/l	0,05	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8737	picoxystrobin	µg/l	0,01			<			<			<		3	*	*	*	*	*	*



Brakel (M845)

1-1-2016 up to 31-12-2016

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 Fungicides		520																				
8084	Carboxin	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8145	Cymoxanil	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8210	Dichlorophen	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8211	Dichloran	µg/l	0,05				<							3	*	*	*	*	*	*	*	
8221	Diethofencarb	µg/l	0,02	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8256	Ditalimfos	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8260	Dodemorph	µg/l	0,04	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8261	Dodine	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8307	Fenpropimorph	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8314	2-Phenylphenol	µg/l	0,02	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8334	Folpet	µg/l	0,06				<							3	*	*	*	*	*	*	*	
8376	Iprodione	µg/l	0,2				<							3	*	*	*	*	*	*	*	
8487	Pencycuron	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8507	Procymidone	µg/l	0,02				<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	
8590	Tolclofos-methyl	µg/l	0,003	0,022	0,0342	0,0183	0,0142	0,00496	0,037	<	<	<	<	0,00554	13	<	<	0,00554	0,0137	0,0443	0,0491	
8595	Triadimefon	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8619	Vinclozolin	µg/l	0,02	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8657	Dimethomorph	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	0,06	
8694	Fluazinam	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8742	fenamidone	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8760	Fenhexamid	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8761	Famoxadone	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8786	Triazoxid	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8812	azadirachtin A	µg/l	0,05	0,2			<	<	<	<	<	<	<	<	10	<	<	<	<	0,182	0,2	
8837	climbazole	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8842	Cyazofamid	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8869	Fenpropidin	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8883	Fluxapyroxad	µg/l	0,03	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8892	Iprobenfos (IBP)	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8897	Isoprothiolane	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8898	Isoparazam	µg/l	0,04	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8911	Metconazole	µg/l	0,01	<			<	<	<	<	<	<	<	0,02	10	<	<	<	<	0,0185	0,02	
8932	Proquinazid	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8946	Quinoxifen	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
V442	Cybutryne	µg/l		0,00257	0,00146	0,00086	0,00106	0,00107	0,00172	0,00181	0,0046	0,005	0,00422	0,00498	0,00482	13	0,00086	0,00094	0,00181	0,00274	0,00499	0,005

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
V468	Valifenalate	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Chlorophenoxy herbicides 230																						
8150	2,4-Dichlorophenoxyacetic acid (2,4-	µg/l	0,01	<		0,01	<	0,015	0,025	0,0167	0,01	<	<	<	20	<	<	0,01	0,0112	0,02	0,03	
8204	2,4-Dichlorprop (2,4-DP)	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8401	4-Chloro-2-methylphenoxyacetic aci	µg/l	0,02			0,02	0,03	0,045	0,06	0,04	0,02	0,02	0,04	0,02	20	0,02	0,02	0,02	0,0325	0,06	0,07	
8402	4-(4-Chloro-2-methylphenoxy)butano	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8404	Mecoprop (MCP)	µg/l	0,01	0,015		0,01	0,015	0,015	0,02	0,0167	0,01	0,01	<	0,01	20	<	0,01	0,01	0,0132	0,02	0,02	
8551	2,4,5-Trichlorophenoxyacetic acid (2	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	0,01	
Dinitrophenol herbicides 250																						
8244	2,4-Dinitrophenol	µg/l	0,05			<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	
8248	Dinoseb (2-sec-butyl-4,6-dinitrope	µg/l	0,05			<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	
8250	Dinoterb (2-tert-butyl-4,6-dinitrope	µg/l	0,05			<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	
8259	2-Methyl-4,6-dinitrophenol (DNOC)	µg/l	0,05			<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	
8617	Vamidothion	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Phenoxy Herbicides 550																						
8150	2,4-Dichlorophenoxyacetic acid (2,4-	µg/l	0,01	<		0,01	<	0,015	0,025	0,0167	0,01	<	<	<	20	<	<	0,01	0,0112	0,02	0,03	
8204	2,4-Dichlorprop (2,4-DP)	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8401	4-Chloro-2-methylphenoxyacetic aci	µg/l	0,02			0,02	0,03	0,045	0,06	0,04	0,02	0,02	0,04	0,02	20	0,02	0,02	0,02	0,0325	0,06	0,07	
8402	4-(4-Chloro-2-methylphenoxy)butano	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8404	Mecoprop (MCP)	µg/l	0,01	0,015		0,01	0,015	0,015	0,02	0,0167	0,01	0,01	<	0,01	20	<	0,01	0,01	0,0132	0,02	0,02	
Amide Herbicides 560																						
8225	Diphenamid	µg/l	0,01	<		<	<	0,03	<	<	<	<	<	<	10	<	<	<	<	0,0275	0,03	
8453	Napropamid	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8522	Propyzamide	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8682	Dimethenamid	µg/l	0,01	<		<	<	<	0,07	0,05	0,03	0,01	0,01	<	10	<	<	<	0,0195	0,068	0,07	
8708	Dimethenamid-p	µg/l	0,00568	0,00345	0,00268	0,00206	0,00241	0,0288	0,0777	0,0493	0,0255	0,0151	0,011	0,0082	13	0,00206	0,0022	0,0082	0,0181	0,0663	0,0777	
V461	Pyroxulam	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Anilide Herbicides 570																						
8417	Metazachlor	µg/l	0,002	0,00409	0,00239	<	<	<	0,00325	0,00269	<	<	0,00219	0,00302	0,0042	13	<	<	0,00219	0,00225	0,00416	0,0042
8674	Diflufenican	µg/l	0,04			<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*	
8710	Florasulam	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8875	flufenacet	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
V456	Metosulam	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Chloroacetanilide Herbicides 580																						
8002	Alachlor	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8513	Propachlor	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
(Bis-)Carbamate Herbicides		590																			
8025	Asulam	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8078	Carbetamide	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8179	Desmedipham	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8300	Phenmedipham	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8626	Chlorpropham	µg/l	0,02	<			<	<	<	0,02	<	<	0,02	10	<	<	<	<	0,02	0,02	<
Dinitroaniline Herbicides		600																			
8488	Pendimethalin	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
Sulfonylurea Herbicides		610																			
8116	Chlorsulfuron	µg/l	0,05	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8438	Metsulphuron-Methyl	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8578	Thifensulfuron-methyl	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8702	Nicosulfuron	µg/l	0,02	<			<	0,0255	0,0303	<	<	<	<	20	<	<	<	<	0,0307	0,036	<
8705	Amidosulfuron	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8719	Prosulfuron	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8723	Rimsulfuron	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8729	Tritosulfuron	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
8811	iodosulfuron-methyl	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
V445	bensulfuron methyl	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
V455	Imazosulfuron	µg/l	0,05	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<	<

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Urea Herbicides		620																				
8097	Chlorbromuron	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8122	Chlortoluron	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8130	Chloroxuron	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8226	Difenoxuron	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8258	Diuron	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8326	Fluometuron	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8382	Isoproturon	µg/l		0,0143	0,0105	0,00608	0,00856	0,0122	0,00664	0,00461	0,00333	0,00291	0,00316	0,00432	0,00564	13	0,00291	0,00301	0,00608	0,00713	0,0135	0,0143
8394	Linuron	µg/l	0,002	<	<	<	<	<	0,00722	0,00998	0,00703	0,00427	0,00343	0,0028	0,00221	13	<	<	0,00221	0,0033	0,00888	0,00998
8418	Methabenzthiazuron	µg/l	0,0001	<	<	<	0,00012	<	0,00035	0,00043	0,00042	0,00041	0,00041	0,00046	0,00051	13	<	<	0,00035	0,00258	0,0049	0,00051
8434	Metobromuron	µg/l	0,002	<	<	<	<	<	0,00328	0,00249	<	<	<	<	13	<	<	<	<	0,00296	0,00328	
8436	Metoxuron	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8446	Monolinuron	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8447	Monuron	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8456	Neburon	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8669	1-(3,4-Dichlorophenyl)urea (DCPU)	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8785	Chlorofluazuron	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Aryloxyphenoxy- Propionic Herbicid		630																				
8357	haloxyfop-etotyl	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8675	Haloxypop	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8796	Clodinafop-propargyl	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8798	Fluopicolide	µg/l	0,01	<			<	<	<	<	0,02	0,01	0,01	<	10	<	<	<	<	0,019	0,02	
8799	Fluoxastrobin	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	



Brakel (M845)

1-1-2016 up to 31-12-2016

sample point code BRA

	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				<		<			<		3	*	*	*	*	*	*			
8026	Atrazine	µg/l	0,002	0,0027	<	<	<	<	0,00262	0,00236	0,00237	0,00302	0,00372	0,00353	0,00387	13	<	<	0,00237	0,00225	0,00381	0,00387	
8138	Cyanazine	µg/l	0,05	<			<	<	<			<	<	20	<	<	<	<	<	<	<		
8180	Desmetryn	µg/l	0,05	<			<	<	<			<	<	20	<	<	<	<	<	<	<		
8366	Hexazinone	µg/l	0,05	<			<	<	<			<	<	19	<	<	<	<	<	<	<		
8415	Metamitron	µg/l	0,02	<			<	<	<			<	<	20	<	<	<	<	<	<	<		
8435	Metolachlor	µg/l	0,05	<			<	<	<			<	<	20	<	<	<	<	<	<	<		
8437	Metribuzin	µg/l	0,05	<			<	<	<			<	<	20	<	<	<	<	<	<	<		
8512	Prometryn	µg/l	0,05	<			<	<	<			<	<	20	<	<	<	<	<	<	<		
8517	Propazine	µg/l	0,05	<			<	<	<			<	<	20	<	<	<	<	<	<	<		
8547	Simazine	µg/l	0,001	0,00214	<	0,00128	0,00139	0,00222	0,00407	0,00586	0,00603	0,00528	0,0057	0,0057	0,00449	13	<	<	0,00407	0,00347	0,00596	0,00603	
8567	Terbutryne	µg/l	0,002	0,00225	<	<	<	<	<	<	<	<	0,00275	0,00238	0,00268	13	<	<	<	<	0,00272	0,00275	
8568	Terbutylazine	µg/l	0,002	0,0206	0,0119	0,00799	0,00459	<	0,0237	0,0764	0,083	0,0566	0,0412	0,0264	0,0195	13	<	0,00244	0,0206	0,0296	0,0804	0,083	
Thiocarbamate Herbicides		640																					
8271	S-Ethyl dipropylthiocarbamate (EPT)	µg/l	0,02				<		<			<		3	*	*	*	*	*	*			
8443	Molinate	µg/l	0,01	<			<	<	<			<	<	10	<	<	<	<	<	<	<		
8597	Triallate	µg/l	0,02				<		<			<		3	*	*	*	*	*	*			
8649	Prosulfocarb	µg/l	0,03	<			<	<	<			<	<	10	<	<	<	<	<	<	<		
Uracil Herbicides		615																					
8392	Lenacil	µg/l	0,01	<			<	<	<			<	<	10	<	<	<	<	<	<	<		
8820	butafenacil	µg/l	0,01	<			<	<	<			<	<	10	<	<	<	<	<	<	<		



Brakel (M845)

1-1-2016 up to 31-12-2016

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	0,003	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8044	Bentazon	µg/l	0,02	0,035				0,065	0,0467	0,03	0,03	0,025		20	<	<	0,03	0,031	0,059	0,07	
8117	Chlorthal	µg/l	0,02											20	<	<	<	<	<	<	<
8127	Chloridazon	µg/l	0,001	<	0,0025	0,00578	0,0215	0,0307	0,0259	0,0195	0,00813	0,00736	0,00619	0,00505	13	<	<	0,00619	0,0103	0,0288	0,0307
8158	Dalapon (2,2-Dichloropropionic acid)	µg/l	0,01	<										20	<	<	<	<	<	<	<
8188	Dicamba	µg/l	0,01	<										20	<	<	<	<	<	<	0,01
8189	Dichlobenil	µg/l	0,02	<										10	<	<	<	<	<	<	<
8280	Ethofumesat	µg/l	0,02	<										10	<	<	<	<	<	<	<
8315	pyridafol	µg/l	0,01	<										10	<	<	<	<	<	<	<
8354	Glyphosate	µg/l	0,05	<			0,12							10	<	<	<	<	0,11	0,12	
8427	Methoprotryn	µg/l	0,01	<										10	<	<	<	<	<	<	<
8465	Norflurazon	µg/l	0,01	<										10	<	<	<	<	<	<	<
8471	Oxadiazon	µg/l	0,05	<										10	<	<	<	<	<	<	<
8527	Pyridate	µg/l	0,1	<										10	<	<	<	<	<	<	<
8534	Quizalofop-ethyl	µg/l	0,05											3	*	*	*	*	*	*	*
8594	tralkoxydim	µg/l	0,01	<										10	<	<	<	<	<	<	<
8612	Trifluralin	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<
8675	Haloxifop	µg/l	0,05	<										10	<	<	<	<	<	<	<
8676	Fluazifop	µg/l	0,01	<										10	<	<	<	<	<	<	<
8696	Cycloxydime	µg/l	0,05	<										10	<	<	<	<	<	<	<
8704	Sulcotrione	µg/l	0,01	<										10	<	<	<	<	<	<	<
8707	Clomazone	µg/l	0,01	<										10	<	<	<	<	<	<	<
8716	Mesotrione	µg/l	0,01	<				0,02						10	<	<	<	<	0,0185	0,02	
8764	Picolinafen	µg/l	0,05	<										10	<	<	<	<	<	<	<
8767	Isoxaflutole	µg/l	0,05	<										10	<	<	<	<	<	<	<
8801	quinoclamine	µg/l	0,01	<										10	<	<	<	<	<	<	<
8802	tepraloxymid	µg/l	0,01	<										10	<	<	<	<	<	<	<
8836	clethodim	µg/l	0,05	<										10	<	<	<	<	<	<	<
8882	Fluthiacet methyl	µg/l	0,05	<										10	<	<	<	<	<	<	<
8890	Imazethapyr	µg/l	0,01	<										10	<	<	<	<	<	<	<
8938	Pyraflufen-ethyl	µg/l	0,05	<										10	<	<	<	<	<	<	<
V110	Tembotrione	µg/l	0,2	<										10	<	<	<	<	<	<	<
V446	buminafos	µg/l	0,01	<										10	<	<	<	<	<	<	<
V452	Flurtamone	µg/l	0,01	<										10	<	<	<	<	<	<	<
V453	imazamox	µg/l	0,01	<										10	<	<	<	<	<	<	<

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
V454	Imazapyr	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
V458	Octhilinone	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
V459	Oxadiazyl	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
V462	quinmerac	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
V466	Topramezone	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Herbicide safeners		648																				
8814	benoxacor	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Physiological plant growth regulato		950																				
1689	Diphenylamine	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8451	1-naphthylacetamide	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8478	Paclobutrazole	µg/l	0,01	0,09		<	0,02	<	<	<	<	<	<	<	10	<	<	<	0,015	0,083	0,09	
Unclassified plant growth regulator		952																				
8076	Carbaryl	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8405	mefluidide	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8436	Metoxuron	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8478	Paclobutrazole	µg/l	0,01	0,09		<	0,02	<	<	<	<	<	<	<	10	<	<	<	0,015	0,083	0,09	
8491	Pentachlorophenol	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8884	Forchlorfenuron	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8897	Isoprothiolane	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8911	Metconazole	µg/l	0,01	<		<	<	<	<	<	<	0,02	<	<	10	<	<	<	<	0,0185	0,02	
8970	Uniconazole	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
V446	buminafos	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
V447	Cyclanilide	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Anti-sprouting products		960																				
8509	Propham	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	3	*	*	*	*	*	*	
8626	Chlorpropham	µg/l	0,02	<		<	<	<	<	0,02	<	<	<	0,02	10	<	<	<	<	0,02	0,02	
Soil sterilants		970																				
2013	1,1-Dichloropropene	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	2	*	*	*	*	*	*	
Insecticides, neonicotinoids		650																				
8701	Imidacloprid	µg/l		0,00515	0,00467	0,00332	0,00189	0,00362	0,00407	0,00239	0,00231	0,00209	0,00409	0,00341	0,00433	13	0,00189	0,00197	0,00362	0,00354	0,0053	0,0054
8726	Thiacloprid	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8770	Acetamiprid	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8774	Clothianidin	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8788	Thiametoxam	µg/l	0,01	0,05		<	0,06	0,02	<	0,02	<	<	0,02	<	10	<	<	0,0125	0,0195	0,059	0,06	
8854	dinotefuran	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8917	Nitenpyram	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Pyrethroid Insecticides		655																				
8143	Cyhalothrin	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8170	Deltamethrin	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8273	Esfenvalerate	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
Carbamate Insecticides		660																				
8076	Carbaryl	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8082	Carbofuran	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8304	Fenoxycarb	µg/l	0,00006	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8338	Formetanate	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8424	Methiocarb	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8499	Pirimicarb	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8511	promecarb	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8805	3,4,5-trimethacarb	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8896	Isoprocarb	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8913	Metolcarb	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
Organophosphorus Insecticides		670																				
8029	Azinphos-methyl	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8112	Chlorpyrifos-methyl	µg/l	0,01	<			<	<	<	<	<	<	<	<	3	*	*	*	*	*	*	
8136	Coumaphos	µg/l	0,0002	<	<	<	<	<	<	<	<	0,00208	<	<	13	<	<	<	0,00252	0,00129	0,00208	
8185	Diazinon	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8209	Dichlorvos	µg/l	0,0002	<	0,00458	<	<	0,00212	<	<	0,00033	0,00026	0,00074	<	13	<	<	<	0,00102	0,00477	0,00552	
8238	Dimethoate	µg/l		0,184	0,153	0,0921	0,0345	0,0166	0,0113	0,00603	0,00176	0,00097	0,00106	0,00268	0,00841	13	0,00097	0,00101	0,0113	0,0512	0,172	0,184
8281	Ethoprophos	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8290	Fenamiphos	µg/l	0,0002	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8298	Fenitrothion	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8340	Phosalon	µg/l	0,05	<			<	<	<	<	<	<	<	<	3	*	*	*	*	*	*	
8345	Phosmet	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8346	Phoxim	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8377	isazofos	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8396	Malathion	µg/l	0,05	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	
8475	Oxydemeton-methyl	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8501	Pirimiphos-methyl	µg/l	0,0001	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	
8604	Trichlorfon	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8652	Chlorpyrifosethyl	µg/l	0,001	<	<	<	<	<	<	<	<	0,00101	<	<	13	<	<	<	<	<	<	
8712	Fosthiazate	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	
8893	Isocarbophos	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Benzoylurea Insecticides 690																					
8229	Diflubenzuron	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8558	Teflubenzuron	µg/l	0,2	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8736	Lufenuron	µg/l	0,2	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8758	Flucycloxuron	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8784	Triflumuron	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8787	Hexaflumuron	µg/l	0,1	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8919	Novaluron	µg/l	0,1	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Insecticides Produced By Fermentat 700																					
8697	Abamectine	µg/l	0,1	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8772	Spinosad	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
V464	Spinetoram	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
Biological Insecticides 705																					
8536	Rotenon	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8812	azadirachtin A	µg/l	0,05	0,2			<	<	<	<	<	<	<	<	10	<	<	<	<	0,182	0,2
8857	Emamectin	µg/l	0,1	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
V457	Milbemectin	µg/l	0,1	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
V460	Pyrethrins (sum of 6)	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<



Brakel (M845)

1-1-2016 up to 31-12-2016

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 Insecticides		710																			
1961	Tetrahydrothiophene (THT)	µg/l	0,05												<	1	*	*	*	*	*
8088	Clofentezin	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8215	Dicofol	µg/l	0,25				<		<						<	3	*	*	*	*	*
8368	Hexythiazox	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8425	Methomyl	µg/l	0,02	<			<	<	<	<	<	<	<	<	<	20	<	<	<	<	<
8473	Oxamyl	µg/l	0,02	<			<	<	<	<	<	<	<	<	<	20	<	<	<	<	<
8662	Tebuphenpyrad	µg/l	0,05				<		<						<	3	*	*	*	*	*
8691	Pyridaben	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<
8692	Pyriproxyphen	µg/l	0,00001	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<
8703	Pymetrozine	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8738	fipronil	µg/l	0,01				<		<			<			<	3	*	*	*	*	*
8746	Buprofezine	µg/l	0,08				<		<			<			<	3	*	*	*	*	*
8757	Tebufenozide	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8769	flonicamid	µg/l	0,05	<			<	<	<	<	<	0,08	<	<	<	10	<	<	<	0,0745	0,08
8771	Methoxyfenozide	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8773	Indoxacarb	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8832	chlorantraniliprole	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8859	Ethiprole	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8872	Flubendiamide	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8888	Halofenozide	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8897	Isoprothiolane	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8941	Pyridalyl	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8951	Spirotetramat	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8958	Sulprofos	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
V448	cyflumetofen	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
V449	diflovidazine	µg/l	0,05	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
Molluscicides		750																			
8583	Thiodicarb	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
8805	3,4,5-trimethacarb	µg/l	0,01	<			<	<	<	<	<	<	<	<	<	10	<	<	<	<	<
Rodenticides		850																			
8135		µg/l	0,0088	0,0135	0,00302	0,00172	0,00302	0,00162	0,00323	0,003	0,00229	0,00204	0,0014	0,00205	13	0,0014	0,00149	0,003	0,00455	0,0168	0,0221



Brakel (M845)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Nematicides		860																				
1784	cis-1,3-Dichloropropene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1785	trans-1,3-Dichloropropene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8186	Dibromochloropropene (DBCP)	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	<	<	<	*	*	<	*	<	<
8377	isazofos	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8805	3,4,5-trimethacarb	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
8876	Fluopyram	µg/l	0,03	<	<	<	0,01	0,04	0,02	0,02	0,02	0,02	0,02	10	0,01	0,011	0,02	0,022	0,039	0,04	<	<
V457	Milbemectin	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
Pesticide metabolites		954																				
2023	4-isopropylaniline	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	<	<
2251	N,N-Dimethylsulfamid (DMS)	µg/l	0,05	<	<	<	0,06	<	0,07	<	<	<	<	3	*	*	*	*	*	*	<	<
8176	Desethylatrazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	<	<
8178	Desisopropylatrazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	<	<
8480	Methylparaaxon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
8681	Desethylterbutylazine	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<	<	<
8904	Malaoxon	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
8935	Prothioconazole-desthio	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
8953	Spirotetramat cis-keto-hydroxy	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
8954	Spirotetramat enol-glucoside	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
8955	Spirotetramat mono-hydroxy	µg/l	0,03	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
V450	Fensulfothion sulfone	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
V465	N-(4-trifluoromethyl-nicotinoyl)glycin	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<
V467	Triflumizole-amino	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	<



Brakel (M845)

1-1-2016 up to 31-12-2016

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 pesticides and metabolics 300																				
2251	N,N-Dimethylsulfamid (DMS)	µg/l	0,05				0,06		0,07						3	*	*	*	*	*
8001	Aclonifen	µg/l	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8025	Asulam	µg/l	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8054	Bitertanol	µg/l	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8066	Bromopropylate	µg/l	0,02											3	*	*	*	*	*	*
8067	Bupirimate	µg/l	0,02											10	<	<	<	<	<	<
8145	Cymoxanil	µg/l	0,01											10	<	<	<	<	<	<
8237	Dimethirimol	µg/l	0,01											10	<	<	<	<	<	<
8260	Dodemorph	µg/l	0,04											10	<	<	<	<	<	<
8279	Ethirimol	µg/l	0,01											10	<	<	<	<	<	<
8280	Ethofumesat	µg/l	0,02											10	<	<	<	<	<	<
8292	Fenarimol	µg/l	0,05											3	*	*	*	*	*	*
8307	Fenpropimorph	µg/l	0,05	<			<	<	<	<	<	<	<	20	<	<	<	<	<	<
8334	Folpet	µg/l	0,06											3	*	*	*	*	*	*
8336	Phorate	µg/l	0,05	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8348	Furalaxyl	µg/l	0,03	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8368	Hexythiazox	µg/l	0,05	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8373	Imazalil	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8376	Iprodione	µg/l	0,2											3	*	*	*	*	*	*
8462	Nitrothal-isopropyl	µg/l	0,05											3	*	*	*	*	*	*
8497	Piperonylbutoxid	µg/l	0,03	<			<	<	0,05	<	<	<	<	10	<	<	<	<	0,0465	0,05
8522	Propyzamide	µg/l	0,02	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8527	Pyridate	µg/l	0,1	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8529	Pyrifenox	µg/l	0,1											3	*	*	*	*	*	*
8536	Rotenon	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8545	Sethoxydim	µg/l	0,05	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8574	Tetramethrin	µg/l	0,1											3	*	*	*	*	*	*
8576	Thiabendazole	µg/l	0,01	0,02			<	<	0,01	<	<	<	<	10	<	<	<	<	0,019	0,02
8582	Thiocyclam hydrogenoxalate	µg/l	0,05	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8584	Thiophanate-methyl	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8613	Triforine	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8657	Dimethomorph	µg/l	0,05	<			<	<	<	<	<	<	<	20	<	<	<	<	<	0,06
8658	N,N-dimethyl-N'-p-tolylsulphamide (µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<
8661	Pyrimethanil	µg/l	0,02	<			<	<	<	<	<	<	<	9	<	*	*	<	*	<
8664	Kresoxim-methyl	µg/l	0,02	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max
8670	1-(3,4-Dichlorophenyl)-3-methylurea	µg/l	0,02	<			<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
8675	Haloxyfop	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8676	Fluazifop	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8682	Dimethenamid	µg/l	0,01	<			<	<	0,07	0,05	0,03	0,01	0,01	<	10	<	<	<	0,0195	0,068	0,07
8689	Haloxyphop-methyl	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8691	Pyridaben	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8692	Pyriproxyphen	µg/l	0,00001	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
8696	Cycloxydime	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8697	Abamectine	µg/l	0,1	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8700	Cyprodinil	µg/l	0,02	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8707	Clomazone	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8710	Florasulam	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8751	Phorate-sulfoxide	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8752	Phorate-sulphone	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8757	Tebufenozide	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8760	Fenhexamid	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8761	Famoxadone	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8764	Picolinafen	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8767	Isoxaflutole	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8771	Methoxyfenozide	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8772	Spinosad	µg/l	0,05	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8786	Triazoxid	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8794	benzyl(purin-6-yl)amine	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8795	Carphentrazon-ethyl	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8796	Clodinafop-propargyl	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8798	Fluopicolide	µg/l	0,01	<			<	<	<	0,02	0,01	0,01	<	<	10	<	<	<	<	0,019	0,02
8799	Fluoxastrobin	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
8802	tepraloxymid	µg/l	0,01	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
V161	Pesticides (sum of 35)	µg/l	0,1	<			<	<	0,14	0,12	<	<	<	<	5	<	*	*	<	*	0,14
V256	Fenpyroximate	µg/l	0,1	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<



Brakel (M845)

1-1-2016 up to 31-12-2016

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max			
Ethers			302																					
1428	Di-iso-propylether	µg/l	0,01	<	<	<	0,01	<	<	0,012	<	<	<	<	<	13	<	<	<	<	0,0112	0,012		
1457	Bis(2-(2-methoxyethoxy)ethyl) ether	µg/l	0,01	0,044			0,01	0,02	0,02	0,01	0,02	<	0,04		0,03	10	<	<	0,02	0,0229	0,0436	0,044		
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,01	0,0153	0,0156	0,0176	<	0,0645	0,111	0,188	0,294	0,496	0,121	0,0679	0,0447	13	<	<	0,0645	0,112	0,415	0,496		
2156	Bis(2-methoxyethyl)ether (Diglyme)	µg/l		0,055			0,08	0,04	0,04	0,03	0,03	0,02	0,04		0,05	10	0,02	0,021	0,04	0,0435	0,0775	0,08		
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,03	<			<	<	<	<	<	<			<	8	<	*	*	<	*	<		
2173	Triethyleneglycol dimethylether (Trigl)	µg/l	0,01	0,012			<	<	<	<	<	<			<	10	<	<	<	<	0,0113	0,012		
2244	Tert-amyl-methyl ether (TAME)	µg/l	0,03	<			<	<	<	<	<	<			<	8	<	*	*	<	*	<		
2275	1,4-Dioxane	µg/l	0,1											<		1	*	*	*	*	*	*		
Fuel additives			303																					
2043	Methyl-tert.-butylether (MTBE)	µg/l	0,01	0,0153	0,0156	0,0176	<	0,0645	0,111	0,188	0,294	0,496	0,121	0,0679	0,0447	13	<	<	0,0645	0,112	0,415	0,496		
2086	1,2-Dibromoethane	µg/l	0,05										<	<		2	*	*	*	*	*	*	*	
2168	Ethyl-tert.-butylether (ETBE)	µg/l	0,03	<			<	<	<	<	<	<			<	8	<	*	*	<	*	<		
2244	Tert-amyl-methyl ether (TAME)	µg/l	0,03	<			<	<	<	<	<	<			<	8	<	*	*	<	*	<		
Various organic substances			305																					
1077	Cyclohexane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1079	Dicyclopentadiene	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1432	Dimethoxymethane	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
1753	Dimethyldisulfide	µg/l		0,0113	0,0151	0,0174	0,0198	0,0379	0,201	0,015	0,0276	0,0147	0,0167	0,0111	0,0133	13	0,0111	0,0112	0,0163	0,032	0,136	0,201		
1764	Tributylphosphate (TBP)	µg/l	0,05	0,105			0,08	<	0,09	<	<	<	<	<	<	20	<	<	<	<	0,09	0,15		
1767	Triphenylphosphate (TPP)	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
2037	2-Aminoacetophenone	µg/l	0,1	<			<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<		
2092	Methylmethacrylate	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
2165	methenamine	µg/l		0,87			0,41	0,4	0,41	0,28	0,3	0,34	0,44	0,52	0,72	10	0,28	0,282	0,41	0,469	0,855	0,87		
2183	benzotriazole	µg/l							0,21	0,25	0,37	0,515	0,575	0,63		12	0,21	0,216	0,435	0,428	0,634	0,64		
2184	5-methyl-1-H-benzotriazole (tolyltriaz)	µg/l									0,0955	0,105	0,12	0,16		8	0,091	*	*	0,12	*	0,17		
V129	tetrahydro-2,2,5,5-tetramethylfuran	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
V427	1,3,5-triazine-2,4,6-triamine (melami)	µg/l		0,98	0,655	0,63	0,54									5	0,51	*	*	0,692	*	0,98		



Brakel (M845)

1-1-2016 up to 31-12-2016

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 solvents		431																						
1027	Bromochloromethane	µg/l	0,05	<			<	<	<	<	<	<		<	8	<	*	*	<	*	<			
1040	1,2-Dichloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
1044	Dichloromethane	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
1049	Hexachlorobutadiene	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	<	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									<	<	2	*	*	*	*	*	*	*			
1955	1,1,1,2,2-Tetrachloroethane	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
2015	Chloroethane (Freon 160)	µg/l	0,05									<	<	2	*	*	*	*	*	*	*			
2022	Tri- and Tetrachloroethene	µg/l	0,05									<	<	2	*	*	*	*	*	*	*			
2275	1,4-Dioxane	µg/l	0,1										<	1	*	*	*	*	*	*	*			
8205	1,2-Dichloropropane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<			
Industrial chemicals (with (per)fluori		433																						
2246	Perfluorooctanoate (PFOA)	µg/l		0,0051			0,0047	0,0056	0,0054	0,0059	0,0051	0,0042	0,0045	0,0043	0,0068	10	0,0042	0,00421	0,0051	0,00516	0,00671	0,0068		
2247	heptadecafluorooctane-1-sulphonic	µg/l		0,0044			0,0047	0,004	0,004	0,0018	0,0038	0,0032	0,0039	0,0027	0,0053	10	0,0018	0,00189	0,00395	0,00378	0,00524	0,0053		
2260	perfluoro-1-butanedisulfonate linear (P	µg/l		0,0047			0,0059	0,0054	0,0036	0,0039	0,0032	0,0064	0,0064	0,0034	0,003	10	0,003	0,00302	0,0043	0,00459	0,0064	0,0064		
2261	hencosafluoroundecanoic acid (PFU	µg/l	0,001	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
2262	Perfluorovaleric acid (PFPeA)	µg/l	0,005	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
2263	perfluoro-n-hexanoic acid (PFHxA)	µg/l	0,0025	0,0048			<	0,0033	0,0041	0,0053	0,0031	0,0037	0,004	0,0026	0,0048	10	<	<	0,00385	0,00369	0,00525	0,0053		
2265	Perfluorodecanoic acid (PFDA)	µg/l	0,001	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
2266	heptafluorobutyric acid (PFBA)	µg/l	0,005	0,0085			<	<	<	<	<	<	<	<	10	<	<	<	<	0,0079	0,0085			
2267	Perfluoroheptanoic acid (PFHpA)	µg/l	0,0025	<			<	<	<	0,0029	<	<	<	0,0026	0,0035	0,0039	10	<	<	<	<	0,00386	0,0039	
2268	Perfluorononanoic acid (PFNA)	µg/l	0,001	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			
2270	Perfluorohexane sulfonate (PFHxS)	µg/l	0,001	<			0,001	<	<	<	<	<	0,0012	<	10	<	<	<	<	<	0,00183	0,0019		
2315	6:2 fluorotelomer sulfonic acid (6:2 F	µg/l	0,0025	<			<	<	<	<	<	<	<	<	10	<	<	<	<	<	<			



Brakel (M845)

1-1-2016 up to 31-12-2016

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 arom. nitr 434)																					
1683	Aniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1700	N-Methylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1705	3-Chloroaniline	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1713	2,3,4-Trichloroaniline	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1716	2,4,5-Trichloroaniline	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1717	2,4,6-Trichloroaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1718	3,4,5-Trichloroaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1786	3-Methylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1862	N,N-Diethylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1864	N-Ethylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
1979	2,4,6-Trimethylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2027	3,4-Dimethylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2028	2,3-Dimethylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2029	3-Chloro-4-methylaniline	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2033	4-Methoxy-2-nitroaniline	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	8	<	*	*	<	*	<
2034	2-Nitroaniline	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2035	3-Nitroaniline	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2038	2-(Phenylsulfon)aniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2052	4- and 5-Chloro-2-methylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2053	N,N-Dimethylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2055	2,4- and 2,5-Dichloroaniline	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2056	2-Methoxyaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2057	2- and 4-Methylaniline	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2058	2-(Trifluoromethyl)aniline	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2059	2,5- and 3,5-Dimethylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
2060	2,4- and 2,6-Dimethylaniline	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
8063	4-Bromoaniline	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
8094	2-Chloroaniline	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
8115	4-Chloroaniline	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
8196	2,6-Dichloroaniline	µg/l	0,1	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
8197	3,4-Dichloroaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
8198	3,5-Dichloroaniline	µg/l	0,03	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
8222	2,6-Diethylaniline	µg/l	0,05	<		<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

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 conazole) 435																						
2256	4-Methylbenzotriazole	µg/l						0,13	0,123	0,18	0,22	0,3	0,33	12	0,1	0,109	0,2	0,213	0,33	0,33		
8212	Diclobutrazol	µg/l	0,01	<			<	<	<	<	<	<	<	10	<	<	<	<	<	<		
8698	Azaconazole	µg/l	0,05											3	*	*	*	*	*	*		
Industrial chemicals (with volatile h) 437																						
1035	Dibromomethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1039	1,1-Dichloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1041	1,1-Dichloroethene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1050	Hexachloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1061	1,1,1-Trichloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1062	1,1,2-Trichloroethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1962	Chloroethene	µg/l	0,05	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
2086	1,2-Dibromoethane	µg/l	0,05											2	*	*	*	*	*	*		
8206	1,3-Dichloropropane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
Industrial chemicals (with haloacids) 438																						
1792	Tetrachloro-orthophthalic acid	µg/l	0,02	<			<	<	<	<	<	<	<	20	<	<	<	<	<	<	0,03	
1970	Monochloroacetic acid	µg/l	0,5	<			<	<	<	<	<	<	<	18	<	<	<	<	<	<	<	
1971	Dichloroacetic acid	µg/l	0,02	<			<	<	<	<	<	<	<	20	<	<	<	<	0,02	0,03		
1972	Monobromoacetic acid	µg/l	0,06	<			<	<	<	<	<	<	<	20	<	<	<	<	<	<	<	
1973	Dibromoacetic acid	µg/l	0,06	<			<	<	<	<	<	<	<	20	<	<	<	<	<	<	<	
1975	Bromochloroacetic acid	µg/l	0,02	<			<	<	<	<	<	<	<	20	<	<	<	<	<	<	<	
8553	Trichloroacetic acid (TCA)	µg/l		0,105			0,09	0,08	0,135	0,095	0,08	0,075	0,105	0,13	0,145	20	0,07	0,07	0,1	0,104	0,14	0,15
8679	2,6-Dichlorobenzoic acid	µg/l	0,01	<			<	<	<	<	0,0117	<	<	20	<	<	<	<	<	0,01	0,02	
Industrial chemicals (with phenols) 439																						
8491	Pentachlorophenol	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<	<	
Industrial chemicals (with PCBs) 440																						
1220	2,4,4'-Trichlorobiphenyl (PCB 28)	µg/l	0,00004	<	<	0,00005	0,00004	<	<	<	<	0,00043	<	<	<	<	<	<	0,00054	0,000278	0,00043	
1244	2,5,2',5'-Tetrachlorobiphenyl (PCB 5)	µg/l	0,00003	0,00003	<	<	0,00003	<	<	<	<	0,00004	0,00036	<	<	<	<	<	0,000458	0,000232	0,00036	
1293	2,4,5,2',5'-Pentachlorobiphenyl (PCB)	µg/l	0,00003	0,00004	<	<	0,00003	0,00004	<	<	<	0,00004	0,00029	0,00004	<	<	<	<	0,00045	0,00019	0,00029	
1310	2,4,5,3',4'-Pentachlorobiphenyl (PCB)	µg/l	0,00002	<	<	<	<	<	<	<	<	0,00013	0,00002	<	<	<	<	<	0,00086	0,00013		
1330	2,3,4,2',4',5'-Hexachlorobiphenyl (P)	µg/l	0,00005	<	<	<	<	<	<	<	<	0,00017	<	<	<	<	<	<	0,00112	0,00017		
1345	2,4,5,2',4',5'-Hexachlorobiphenyl (P)	µg/l	0,00002	0,00005	0,000035	0,00004	0,00005	<	0,00003	0,00002	0,00004	0,00026	0,00004	0,00003	<	<	<	0,00004	0,00005	0,00176	0,00026	
1372	2,3,4,5,2',4',5'-Heptachlorobiphenyl (P)	µg/l	0,00004	<	<	<	<	<	<	<	<	0,00011	<	<	<	<	<	<	0,00074	0,00011		
Cooling agents 430																						
2017	Dichlorodifluoromethane	µg/l	0,05											2	*	*	*	*	*	*		
2019	Trichlorofluoromethane (Freon 11)	µg/l	0,05											2	*	*	*	*	*	*		

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

		MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Disinfection byproducts (with halog 446)																						
1028	Bromodichloromethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1033	Dibromochloromethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1058	Tribromomethane	µg/l	0,01	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
1973	Dibromoacetic acid	µg/l	0,06	<		<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
1975	Bromochloroacetic acid	µg/l	0,02	<		<	<	<	<	<	<	<	<	<	<	20	<	<	<	<	<	<
Flameretardants 380																						
2109	2,4,2',4'-Tetrabromodiphenylether (P	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2110	2,4,2',5'-Tetrabromodiphenylether (P	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2111	2,3,4,2',4'-Pentabromodiphenylether	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2112	2,4,5,2',4'-Pentabromodiphenylether	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2113	2,4,6,2',4'-Pentabromodiphenylether	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2114	2,4,5,2',4',5'-Hexabromodiphenyleth	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2115	2,4,5,2',4',6'-Hexabromodiphenyleth	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2169	2,4,4'-Tribromodiphenylether (PBDE	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
2170	2,3,4,2',4',5'-Hexabromodiphenyleth	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<
V481	2,2',3,3',4,4',5,5',6,6'-decabromodiph	µg/l	0,05			<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<
X-ray contrast agents 340																						
6051	Diatrizoic acid (Amidotrizoic acid)	µg/l		0,069		0,045	0,026	0,046	0,032	0,035	0,049	0,082	0,12	0,15	10	0,026	0,0266	0,0475	0,0654	0,147	0,15	
6052	Iodipamide	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
6053	Iohexol	µg/l		0,05		0,064	0,048	0,08	0,044	0,044	0,053	0,054	0,06	0,08	10	0,044	0,044	0,0535	0,0577	0,08	0,08	
6054	Iomeprol	µg/l		0,15		0,13	0,11	0,16	0,088	0,099	0,19	0,23	0,29	0,32	10	0,088	0,0891	0,155	0,177	0,317	0,32	
6055	Iopamidol	µg/l		0,093		0,069	0,054	0,083	0,059	0,063	0,087	0,12	0,15	0,18	10	0,054	0,0545	0,085	0,0958	0,177	0,18	
6057	Iopromide	µg/l		0,097		0,11	0,097	0,13	0,091	0,097	0,12	0,11	0,11	0,15	10	0,091	0,0916	0,11	0,111	0,148	0,15	
6058	Iothalamic acid	µg/l	0,01	<		<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
6059	Ioxaglic acid	µg/l	0,01	0,054		0,027	0,035	0,039	0,026	<	<	<	<	<	<	10	<	<	0,0155	0,0206	0,0525	0,054
6060	Ioxitalamic acid	µg/l		0,045		0,041	0,028	0,046	0,029	0,031	0,042	0,047	0,063	0,077	10	0,028	0,0281	0,0435	0,0449	0,0756	0,077	
Chemotherapy 345																						
6037	Cyclophosphamide	µg/l	0,0001	<		<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
6038	Ifosfamid	µg/l	0,0002	<		<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<



Brakel (M845)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Antibiotics		310																			
6000	Amoxicillin	µg/l	0,02	<	<	<								4	<	*	*	<	*	<	
6003	Chloramphenicol	µg/l	0,002	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
6005	Ciprofloxacin	µg/l	0,02	<	<	<								4	<	*	*	<	*	<	
6006	Clarithromycin	µg/l	0,02	<	<	<			<	<	0,12	<	<	9	<	*	*	0,0222	*	0,12	
6007	clindamycin	µg/l	0,01	<	<	<								4	<	*	*	<	*	<	
6014	Erythromycin	µg/l	0,01	<	<	<								4	<	*	*	<	*	<	
6022	Oxacillin	µg/l	0,011	<		<	<	<	<	<	<	<	<	8	<	*	*	<	*	<	
6027	Roxithromycin	µg/l	0,01	<	<	<								4	<	*	*	<	*	<	
6032	Sulfamethoxazole	µg/l	0,004	0,007		0,004	<	0,006	<	0,005	0,008	0,008	0,012	0,021	10	<	<	0,0065	0,0075	0,0201	0,021
6034	Trimethoprim	µg/l	0,002	0,006		0,01	<	0,003	<	0,003	<	<	<	10	<	<	<	0,0028	0,0096	0,01	
6078	Azithromycin	µg/l	0,02							0,051			<	2	*	*	*	*	*	*	
6079	Lincomycin	µg/l	0,0007			0,002	0,0007	0,0007	0,0009	0,0003	0,001	0,004	0,001	9	0,0003	*	*	0,00126	*	0,004	
6086	Tiamulin	µg/l	0,002									<		1	*	*	*	*	*	*	
6091	Sulfaquinoxaline	µg/l	0,0002	0,0005		<	<	<	<	<	<	<	<	10	<	<	<	<	0,00046	0,0005	
6109	theophylline	µg/l	0,015	<		0,015	<	<	<	<	<	<	<	10	<	<	<	<	<	0,015	
V380	Acetyl Sulfamethoxazole	µg/l	0,02						<	<	<	<	<	5	<	*	*	<	*	<	
Beta-adrenergic blocking agents an		320																			
6042	Atenolol	µg/l	0,003			0,002	0,0004	0,001	0,001	0,0008	0,0005	0,0008	0,002	0,003	10	0,0004	0,00041	0,001	0,00145	0,003	0,003
6044	Bisoprolol	µg/l	0,0002	0,009		0,003	0,002	0,002	0,002	0,001	<	0,002	0,002	0,003	10	<	<	0,002	0,00261	0,0084	0,009
6045	Metoprolol	µg/l	0,018			0,014	0,01	0,014	0,009	0,014	0,015	0,017	0,043	0,039	10	0,009	0,0091	0,0145	0,0193	0,0426	0,043
6047	Propranolol	µg/l	0,009				0,0003		0,003	0,014	0,013	0,001	0,001	0,002	8	0,0003	*	*	0,00541	*	0,014
6048	Sotalol	µg/l	0,046			0,026	0,006	0,009	0,006	0,006	0,006	0,011	0,024	0,031	10	0,006	0,006	0,01	0,0171	0,0445	0,046
6171	hydrochlorthiazide	µg/l	0,004	0,033		<	<	<	<	<	<	<	0,008	0,026	10	<	<	<	0,0081	0,0323	0,033
Analgesic and anti-inflammatory dru		350																			
2061	Lidocaine	µg/l	0,001	0,006		0,002	0,001	0,002	0,002	<	0,003	0,003	0,018	0,007	10	<	<	0,0025	0,00445	0,0169	0,018
6068	Diclofenac	µg/l	0,004	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
6071	Ibuprofen	µg/l	0,032	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
6073	Ketoprofen	µg/l	0,002	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
6074	Naproxen	µg/l	0,0006	<		<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<
6075	Phenazone	µg/l	0,005			0,003	0,008	0,005	0,004	0,005	0,004	0,004	0,004	0,003	10	0,003	0,003	0,004	0,0045	0,0077	0,008
6085	Primidone	µg/l	0,001	0,003		0,001	<	<	0,001	0,002	0,002	0,003	0,004	0,004	10	<	<	0,002	0,0021	0,004	0,004
6133	paracetamol	µg/l	0,001	<		<	<	<	<	<	<	<	<	8	<	*	*	<	*	<	<
6134	Salicylic acid	µg/l	0,011						<	<	<	<	<	4	<	*	*	<	*	<	<
6379	Tramadol	µg/l		0,032	0,016	0,015								4	0,015	*	*	0,0238	*	0,034	
V484	1-Hydroxy-Ibuprofen	µg/l	0,02						<	<	<	<	<	5	<	*	*	<	*	<	<

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

sample point code BRA

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max		
Antidepressiva en verdoevende midd 355																						
6050	Diazepam	µg/l	0,0002	0,0005		0,0006	0,0005	0,001	0,0007	<	0,0004	0,0005	0,0005	0,0006	10	<	<	0,0005	0,00054	0,00097	0,001	
6115	oxazepam	µg/l	0,001	0,003		0,002	<	0,002	0,001	0,001	0,003	0,004	0,006	0,006	10	<	<	0,0025	0,00285	0,006	0,006	
6116	temazepam	µg/l		0,002		0,001	0,0006	0,001	0,0008	0,0008	0,002	0,003	0,004	0,005	10	0,0006	0,00062	0,0015	0,00202	0,0049	0,005	
6121	Phenobarbital	µg/l	0,006							0,006			<		3	*	*	*	*	*	*	
6125	Barbital	µg/l	0,004							<			<		3	*	*	*	*	*	*	
6127	Secobarbital	µg/l	0,004							<			<		3	*	*	*	*	*	*	
6128	Pentobarbital	µg/l	0,002						0,007				<		3	*	*	*	*	*	*	
6129	Thiopental	µg/l	0,006							<			<		3	*	*	*	*	*	*	
6130	Butalbital	µg/l	0,004							<			<		3	*	*	*	*	*	*	
6172	paroxetine	µg/l										0,069	0,01	0,013	3	*	*	*	*	*	*	
Lipid-lowering drugs 360																						
6061	Bezafibrate	µg/l	0,0007	0,0007		<	<	<	<	<	<	<	0,0009	10	<	<	<	<	0,00088	0,0009		
6062	Clofibrac acid	µg/l	0,005	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
6064	Fenofibrate	µg/l	0,002			<	0,016	0,007				<	0,003	5	<	*	*	0,0056	*	0,016		
6065	Fenofibrin acid	µg/l	0,004	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
6066	Gemfibrozil	µg/l	0,006	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
6117	atorvastatin	µg/l	0,003	0,023			0,014		0,013	<	0,02	<	<	7	<	*	*	0,0106	*	0,023		
6118	pravastatine	µg/l	0,05	<		<	<	<	<	<	<	<	<	9	<	*	*	<	*	<	<	
Various pharmaceuticals 370																						
1613	Caffein	µg/l		0,12		0,32	0,087	0,053	0,089	0,064	0,053	0,059	0,048	0,055	10	0,048	0,0485	0,0615	0,0948	0,3	0,32	
1860	Carbamazepine	µg/l	0,005	0,013		0,008	<	0,009	0,006	0,006	0,01	0,017	0,024	0,024	10	<	<	0,0095	0,0119	0,024	0,024	
6111	losartan	µg/l		0,001		0,011	0,005	0,007	0,004	0,005		0,005	0,007	0,01	9	0,001	*	*	0,00611	*	0,011	
6112	enalapril	µg/l	0,0002	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
6168	Metformin	µg/l	0,07	<		0,18	0,42	0,59	0,55	0,35		0,36	0,44	0,46	9	<	*	*	0,376	*	0,59	
6169	furosemide	µg/l	0,003	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
6175	Diaminomethylideneurea	µg/l		0,82		0,28	0,32	0,13						4	0,13	*	*	0,388	*	0,82		
8800	pinoxaden	µg/l	0,01	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
V379	10,11-dihydro-10,11-dihydroxycarba	µg/l	0,02							<	0,021	0,027	0,042	0,043	5	<	*	*	0,0286	*	0,043	
Personal care products 371																						
8837	climbazole	µg/l	0,01	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
Veterinary substances 373																						
8736	Lufenuron	µg/l	0,2	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
8758	Flucycloxon	µg/l	0,05	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
8917	Nitenpyram	µg/l	0,01	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	
V460	Pyrethrins (sum of 6)	µg/l	0,05	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<	

woensdag 23 augustus 2017

■ 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)

1-1-2016 up to 31-12-2016

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 (E 400)																						
1644	Benzylbutylphthalate (BBP)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1645	Di-n-butylphthalate (DBPH)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1646	Diethylphthalate (DEPH)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1647	Bis(2-ethylhexyl)phthalate (DEHP)	µg/l	1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1648	Dimethylphthalate (DMP)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1649	Di-n-octylphthalate (DOP)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
2070	4-Octylphenol	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
2072	Bisphenol A	µg/l	0,03	0,12	<	<	0,05	0,04	<	<	<	<	<	6	<	*	*	0,0467	*	0,12		
2085	4-tert-Octylphenol	µg/l	0,005	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
2116	Tributyltin-cation	µg/l	0,00027	0,00018	0,00022	0,00015	0,00013	0,00013	0,00014	0,00013	0,00014	0,00016	0,00021	0,00022	13	0,00013	0,00013	0,00016	0,00174	0,0025	0,0027	
2181	4-isononylphenol	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
2195	di-(2-methylpropyl)phthalate (DIBP)	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<		
2196	Tetrabutyltin	µg/l	0,0003	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
2197	Triphenyltin ion	µg/l	0,001	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
2199	Dibutyltin	µg/l	0,00075	0,00052	0,00064	0,00065	0,0007	0,00064	0,00025	0,00045	0,00021	0,00062	0,00017	0,00018	13	0,00017	0,00174	0,00062	0,00485	0,00762	0,0077	
2201	Difenyltin	µg/l	0,0004	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
2253	Dipropylphthalate	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
2254	Diheptylphthalate	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
6703	ER-Calux act. with respect to 17-bet	ng/l	0,034	<	<	0,07	0,074	0,037	<	0,07	<	0,061	<	0,077	10	<	<	0,049	0,0458	0,0767	0,077	
6704	GR-Calux act. with respect to Dexta	ng/l	4,4	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
V130	Phenol, 4-nonyl-, branched	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
V470	AR-anti-CALUX act. with respect to	µg/l	5,6	4,3	4,5	3,3	<	<	<	<	<	<	<	4	3,3	*	*	4,43	*	5,6		
Plasticisers 405																						
1644	Benzylbutylphthalate (BBP)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1645	Di-n-butylphthalate (DBPH)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1646	Diethylphthalate (DEPH)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1647	Bis(2-ethylhexyl)phthalate (DEHP)	µg/l	1	<	<	<	<	<	<	<	<	<	<	13	<	<	<	<	<	<		
1648	Dimethylphthalate (DMP)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
1649	Di-n-octylphthalate (DOP)	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
2195	di-(2-methylpropyl)phthalate (DIBP)	µg/l	0,5	<	<	<	<	<	<	<	<	<	<	9	<	*	*	<	*	<		
2253	Dipropylphthalate	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		
2254	Diheptylphthalate	µg/l	0,1	<	<	<	<	<	<	<	<	<	<	10	<	<	<	<	<	<		



Brakel (M845)

1-1-2016 up to 31-12-2016

sample point code	BRA
-------------------	-----

	MDL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	n	min	p10	p50	mea	p90	max	
Artificial sweeteners																					
	410																				
2277	Sucralose	µg/l	0,059			0,54	0,44		1,7			0,41	0,19	6	0,059	*	*	0,557	*	1,7	
2278	Sacharine	µg/l	0,01	0,012		0,064	0,08	0,076	<	<	<	0,045	0,04	<	10	<	<	0,026	0,0337	0,0796	0,08
2279	Aspartame	µg/l	0,01	<		<	<	<	<	<	<	<	<	10	<	<	<	<	<	<	<
2280	Cyclamate	µg/l	0,01	0,015		0,023	0,039	0,057	<	0,061	0,052	0,044	<	10	<	<	0,0415	0,0351	0,0606	0,061	
2281	Acesulfame	µg/l		0,31		0,61	0,63	0,68	0,48	0,55	0,47	0,53	0,58	10	0,31	0,326	0,565	0,547	0,675	0,68	

■ 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.

