

Anhang 3 Positivbefunde in der Wasserphase in 2020

Probenahme-dauer	Parameter	Einheit	Anzahl Messungen	Anzahl Befunde > BG	Maximalkonz.	90Perzentil	Median	Mittelwert der Werte > BG	Minimalkonz. - teilw. BG	Fracht der Werte > BG in JaTo	Fracht der IKSr Werte in JaTo	Bestimmungsgr- enze der Fracht in JaTo	%->BG
1M	Trübung	NTU	366	366	216	16.5	4.6	9.2	1				100%
14M	Leitfähigkeit_25°C	µS/cm_25°C	12	12	391	366	321	332	304	304			100%
1M14	SAK-254	1/m	26	26	12.7	6.4	3.8	4.4	2.95				100%
1M14	SAK-436	1/m	26	25	0.84	0.47	0.194	0.245	<0.03				96%
Summenparameter													
E14	DOC	mg/L	26	26	3.6	2.11	1.69	1.84	1.51	55'700	55'700	5'760	100%
14M	GUS	mg/L	26	26	38	29	6.8	11	1.9	354'000	354'000	2'880	100%
14M	Phosphor(gesamt)	mg/L	26	26	0.046	0.042	0.024	0.0247	0.008	757	757	86.3	100%
14M	Phosphor(gesamt-filtriert)	mg/L	18	18	0.0181	0.0168	0.013	0.0128	0.006	377	377	86.3	100%
14M	Stickstoff(gesamt)	mg/L	26	26	1.88	1.78	1.44	1.43	0.98	41'000	41'000	5'760	100%
E14	Stickstoff(gesamt)	mg/L	26	26	2.09	1.8	1.45	1.45	0.91	42'200	42'200	5'760	100%
14M	TOC	mg/L	26	26	3.7	3.3	2.61	2.69	1.98	79'000	79'000	7'190	100%
Haerte													
14M	Alkalinität(pH=4.5)	mMol_H+/L	25	25	3.07	2.92	2.73	2.69	2.28				100%
14M	Gesamthärte	GRAD_dH	26	26	9.6	9.5	8.9	8.8	7.6				100%
14M	Gesamthärte(mmol/l)	mMol/L	26	26	1.72	1.7	1.58	1.56	1.35				100%
14M	Karbonathärte	GRAD_dH	25	25	8.7	8.3	7.7	7.6	6.5				100%
14M	Karbonathärte(mmol/l)	mMol/L	25	25	1.55	1.47	1.37	1.36	1.16				100%
Anionen													
14M	Bromid	mg/L	26	26	0.168	0.138	0.089	0.098	0.04	2'730	2'730	288	100%
14M	Chlorid	mg/L	26	26	16.7	14.9	11.2	11.6	8.3	324'000	324'000	43'200	100%
14M	Fluorid	mg/L	26	26	0.098	0.09	0.086	0.086	0.078	2'450	2'450	863	100%
14M	Kieselsäure frei (Si)	mg/L	26	26	2	1.9	1.25	1.34	0.78	39'200	39'200	2'880	100%
E14	Kieselsäure frei (Si)	mg/L	26	26	2	1.9	1.3	1.32	0.66	39'300	39'300	2'880	100%
14M	Kieselsäure frei (SiO2)	mg/L	26	26	4.3	4.1	2.67	2.87	1.67	84'000		5'760	100%
E14	Kieselsäure frei (SiO2)	mg/L	26	26	4.3	4.1	2.78	2.82	1.41	84'000		5'760	100%
14M	Kieselsäure frei (H4SiO4)	mg/L	26	26	6.8	6.5	4.3	4.6	2.67	134'000		10'100	100%
E14	Kieselsäure frei (H4SiO4)	mg/L	26	26	6.8	6.5	4.4	4.5	2.26	134'000		10'100	100%
14M	Nitrat(N)	mg/L	26	26	1.63	1.58	1.23	1.22	0.84	34'900	34'900	1'730	100%
E14	Nitrit(N)	mg/L	26	26	0.0149	0.0131	0.0097	0.0101	0.0067	294	294	115	100%
STICH	o-Phosphat(P)(gelöst-IC)	mg/L	12	11	0.0178	0.0169	0.0116	0.0118	<0.004	341	338	115	92%
STICH	o-Phosphat(gelöst-IC)	mg/L	12	11	0.055	0.052	0.036	0.036	<0.013	1'050		374	92%
E14	o-Phosphat(P)(DRP)	mg/L	26	25	0.0257	0.0205	0.0136	0.0136	<0.003	421	420	86.3	96%
E14	o-Phosphat(DRP)	mg/L	26	25	0.079	0.063	0.042	0.042	<0.0093	1'290		268	96%
14M	Sulfat	mg/L	26	26	29.2	28.7	25.7	25.9	22.2	734'000	734'000	71'900	100%
Kationen													
E14	Ammonium(N)	mg/L	26	26	0.077	0.045	0.032	0.033	0.0171	985	985	288	100%
E14	Ammonium	mg/L	26	26	0.1	0.059	0.041	0.043	0.022	1'270		288	100%
14M	Calcium(gesamt)	mg/L	26	26	57	56	51	51	44	1'460'000	1'460'000	144'000	100%
14M	Kalium(gesamt)	mg/L	26	26	1.98	1.9	1.73	1.73	1.49	49'200	49'200	14'400	100%
14M	Magnesium(gesamt)	mg/L	26	26	8.3	8	7.2	7.4	6.8	210'000	210'000	28'800	100%
14M	Natrium(gesamt)	mg/L	26	26	11.8	11.1	8.7	9	7.1	252'000	252'000	57'600	100%
Elemente													
E28	Bor(gelöst)	µg/L	13	13	16	15	13	13.3	10	373	373	288	100%
Metalle													
E28	Arsen(gelöst)	µg/L	13	13	0.95	0.74	0.65	0.67	0.56	19.9	19.9	14.4	100%
14M	Arsen(gesamt)	µg/L	26	26	0.92	0.77	0.66	0.67	0.58	19.4	19.4	14.4	100%
E28	Barium(gelöst)	µg/L	13	13	38	36	31	32	26	916	916	14.4	100%
14M	Barium(gesamt)	µg/L	26	26	43	37	33	33	27	953	953	14.4	100%
E28	Blei(gelöst)	µg/L	13	1	0.18	0.1	0.1	0.106	<0.1			2.88	7.7%
14M	Blei(gesamt)	µg/L	26	15	0.83	0.56	0.155	0.245	<0.1	7.66	7.17	2.88	58%
E28	Chrom(gelöst)	µg/L	13	2	0.22	0.208	0.2	0.202	<0.2			5.76	15%
14M	Chrom(gesamt)	µg/L	26	12	0.36	0.265	0.2	0.222	<0.2	6.5	5.1	5.76	46%
14M	Eisen(gesamt)	µg/L	26	26	227	144	50	65	14	2'070	2'070	288	100%
E28	Kupfer(gelöst)	µg/L	13	12	1.23	1.11	0.78	0.81	<0.5	24.7	24.3	14.4	92%
14M	Kupfer(gesamt)	µg/L	26	26	1.79	1.4	0.93	1.04	0.71	31.1	31.1	14.4	100%
14M	Mangan(gesamt)	µg/L	26	26	29	16	4	6.8	1.2	219	219	28.8	100%
14M	Nickel(gesamt)	µg/L	26	7	0.7	0.58	0.5	0.52	<0.5	15.1	9.92	14.4	27%
E28	Strontium(gelöst)	µg/L	13	13	403	394	360	351	240	9'740	9'740	144	100%
14M	Strontium(gesamt)	µg/L	26	26	420	395	353	361	315	10'300	10'300	144	100%
E28	Zink(gelöst)	µg/L	13	1	1	1	1	1	<1			28.8	7.7%
14M	Zink(gesamt)	µg/L	26	17	9.5	2.95	1.4	1.96	<1	61	56.7	28.8	65%
7M	Tritium	Bq/L	52	13	14.7	6.5	2	3.6	<2				25%
LHKW													
1M	1,1,1-Trichlorethan	µg/L	366	239	0.0111	0.0057	0.0021	0.00272	<0.001	0.0768	0.0719	0.0288	65%
1M	Bromoform	µg/L	366	235	0.023	0.0183	0.0119	0.0128	<0.01	0.359	0.302	0.288	64%
1M	Chloroform	µg/L	366	143	0.072	0.039	0.02	0.0249	<0.02	0.703	0.521	0.576	39%
1M	Dichlormethan	µg/L	366	38	0.239	0.041	0.04	0.042	<0.04			1.15	10%
1M	Hexachlorethan	µg/L	366	116	0.00082	0.00052	0.0004	0.00043	<0.0004	0.0123	0.00804	0.0115	32%
1M	Tetrachlorethen	µg/L	366	366	0.042	0.022	0.0156	0.0157	0.0067	0.425	0.425	0.0288	100%
1M	Tetrachlormethan	µg/L	366	162	0.0129	0.00212	0.001	0.00143	<0.001	0.0401	0.0319	0.0288	44%
1M	Trichlorethen	µg/L	366	291	0.0253	0.0114	0.0038	0.005	<0.001	0.141	0.138	0.0288	80%

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	Komplexbildner												
28M	EDTA	µg/L	13	13	1.46	1.26	1.02	1.06	0.83	30.1	30.1	14.4	100%
	Suessstoffe												
1M	Acesulfam	µg/L	366	366	0.47	0.36	0.238	0.254	0.13	7.24	7.24	0.0576	100%
1M14	Acesulfam	µg/L	21	21	0.35	0.284	0.223	0.209	0.093	5.9	5.9	0.863	100%
1M	Cyclohexylsulfaminsäure	µg/L	366	366	0.86	0.072	0.031	0.041	0.008	1.25	1.25	0.144	100%
1M	Saccharin	µg/L	366	366	0.2	0.049	0.023	0.0295	0.0041	0.875	0.875	0.0576	100%
1M	Sucralose	µg/L	366	366	0.42	0.33	0.239	0.245	0.11	6.79	6.79	0.288	100%
	Roentgenkontrastmittel												
1M	Amidotrizoesäure	µg/L	366	1	0.059	0.05	0.05	0.05	<0.05			1.44	0.3%
1M	Iohexol	µg/L	366	86	0.103	0.061	0.05	0.053	<0.05			1.44	23%
1M	Iomeprol	µg/L	366	366	0.65	0.35	0.172	0.196	0.054	5.44	5.44	1.44	100%
1M	Iopamidol	µg/L	365	334	1.2			0.224	<0.05	6	5.94	1.44	92%
1M	Iopromid	µg/L	366	364	0.39	0.19	0.128	0.133	<0.05	3.73	3.73	1.44	99%
	Arzneimittel												
1M	Aliskiren	µg/L	366	336	0.082	0.0095	0.0052	0.0063	<0.003	0.168	0.164	0.0863	92%
1M	Amisulprid	µg/L	366	38	0.0067	0.005	0.005	0.0051	<0.005			0.144	10%
1M	Atenolol	µg/L	366	14	0.0074	0.005	0.005	0.005	<0.005			0.144	3.8%
1M	Azithromycin	µg/L	366	2	0.015	0.01	0.01	0.01	<0.01			0.288	0.5%
1M	Bezafibrat	µg/L	366	26	0.005	0.003	0.003	0.00312	<0.003			0.0863	7.1%
1M	Bupropion	µg/L	366	1	0.067	0.01	0.01	0.0102	<0.01			0.288	0.3%
1M	Candesartan	µg/L	366	365	0.0304	0.0211	0.015	0.0155	<0.005	0.427	0.427	0.144	100%
1M	Carbamazepin	µg/L	366	365	0.0247	0.0134	0.009	0.0096	<0.001	0.261	0.261	0.0288	100%
1M	Cetirizin	µg/L	366	36	0.0096	0.005	0.005	0.0051	<0.005			0.144	10%
1M	Citalopram	µg/L	366	5	0.0055	0.005	0.005	0.005	<0.005			0.144	1.4%
1M	Clarithromycin	µg/L	366	33	0.0094	0.005	0.005	0.0051	<0.005			0.144	9.0%
1M	Diazepam	µg/L	366	1	0.0045	0.001	0.001	0.00101	<0.001			0.0288	0.3%
1M	Diclofenac	µg/L	366	364	0.06	0.041	0.0195	0.0227	<0.001	0.626	0.626	0.0288	99%
1M	Gabapentin	µg/L	366	366	0.083	0.067	0.047	0.048	0.0175	1.32	1.32	0.144	100%
1M	Gabapentin-lactam	µg/L	366	58	0.0212	0.0139	0.01	0.0109	<0.01			0.288	16%
1M	Hydrochlorothiazid	µg/L	366	366	0.034	0.0249	0.0124	0.0143	0.0045	0.398	0.398	0.0288	100%
1M	Irbesartan	µg/L	366	321	0.032	0.0222	0.014	0.0154	<0.01	0.424	0.402	0.288	88%
1M	Lamotrigin	µg/L	366	366	0.069	0.047	0.035	0.035	0.0155	0.967	0.967	0.0288	100%
1M	Levamisol	µg/L	366	1	0.013	0.005	0.005	0.005	<0.005			0.144	0.3%
1M	Levetiracetam	µg/L	366	223	0.018	0.0115	0.0059	0.0072	<0.005	0.21	0.182	0.144	61%
1M	Lidocain	µg/L	366	308	0.039	0.0099	0.0069	0.0067	<0.003	0.186	0.179	0.0863	84%
1M	Metformin	µg/L	366	366	0.52	0.33	0.211	0.224	0.086	6.5	6.5	0.144	100%
1M14	Metformin	µg/L	21	21	0.39	0.33	0.256	0.255	0.131	7.47	7.47	1.44	100%
1M	Methadon	µg/L	366	339	0.0227	0.0048	0.00148	0.00233	<0.0005	0.0674	0.0669	0.0288	93%
1M	Metoprolol	µg/L	366	366	0.0176	0.0121	0.008	0.008	0.0031	0.224	0.224	0.0288	100%
1M	Metronidazol	µg/L	366	1	0.0107	0.01	0.01	0.01	<0.01			0.288	0.3%
1M	Olmesartan	µg/L	366	131	0.0238	0.0146	0.01	0.0112	<0.01	0.317	0.219	0.288	36%
1M	Oseltamivir	µg/L	366	1	0.005	0.003	0.003	0.00301	<0.003			0.0863	0.3%
1M	Oxazepam	µg/L	366	19	0.0072	0.005	0.005	0.005	<0.005			0.144	5.2%
1M	Oxcarbazepin	µg/L	366	4	0.0193	0.01	0.01	0.0101	<0.01			0.288	1.1%
1M	Paracetamol	µg/L	366	124	0.141	0.033	0.01	0.016	<0.01	0.498	0.408	0.288	34%
1M	Phenazon	µg/L	366	124	0.0049	0.0035	0.003	0.00314	<0.003	0.0897	0.0597	0.0863	34%
1M	Pregabalin	µg/L	366	235	0.034	0.021	0.013	0.0142	<0.01	0.404	0.35	0.288	64%
1M	Primidon	µg/L	366	5	0.048	0.025	0.025	0.0251	<0.025			0.719	1.4%
1M	Sitagliptin	µg/L	366	360	0.049	0.0281	0.0196	0.0204	<0.01	0.562	0.558	0.288	98%
1M	Sotalol	µg/L	366	282	0.0074	0.00271	0.00147	0.00171	<0.001	0.047	0.0435	0.0288	77%
1M	Sulfamethoxazol	µg/L	366	366	0.0192	0.0152	0.0115	0.0116	0.0056	0.32	0.32	0.0288	100%
1M	Sulfapyridin	µg/L	366	6	0.006	0.005	0.005	0.005	<0.005			0.144	1.6%
1M	Telmisartan	µg/L	366	153	0.0173	0.0125	0.01	0.0107	<0.01	0.304	0.211	0.288	42%
1M	Tizanidin	µg/L	366	2	0.0061	0.0005	0.0005	0.00052	<0.0005			0.0288	0.5%
1M	Torasemid	µg/L	366	104	0.0049	0.0044	0.003	0.0033	<0.003	0.096	0.0659	0.0863	28%
1M	Tramadol	µg/L	366	365	0.0277	0.0139	0.0087	0.0091	<0.001	0.253	0.253	0.0288	100%
1M	Trimethoprim	µg/L	366	8	0.006	0.005	0.005	0.005	<0.005			0.144	2.2%
1M	Valsartan	µg/L	366	366	0.079	0.05	0.032	0.033	0.0098	0.917	0.917	0.0863	100%
1M	Venlafaxin	µg/L	366	366	0.0224	0.0114	0.007	0.0076	0.0033	0.21	0.21	0.0288	100%
	Rauschgifte												
1M	3,4-Methylenedioxy-N-methylamphetamin	µg/L	366	14	0.0237	0.001	0.001	0.00108	<0.001			0.0288	3.8%
1M	Kokain	µg/L	366	23	0.0074	0.001	0.001	0.00104	<0.001			0.0288	6.3%
	Einzelstoffe												
1M	1,1,3,3-Tetracarboxypropen	µg/L	366	223	0.199	0.096	0.0267	0.04	<0.01	1.11	1.05	0.288	61%
1M	1-Butylpyrrolidin-2-on	µg/L	366	1	0.016	0.01	0.01	0.01	<0.01			0.288	0.3%
1M	2-Acrylamido-2-methylpropanesulfonsäure	µg/L	366	5	0.019	0.01	0.01	0.01	<0.01			0.288	1.4%
1M	2-((Dimethylamino)methyl)benzotriazol	µg/L	275	95	0.283	0.099	0.05	0.065	<0.05	1.83	1.34	1.44	35%
1M	2-Naphthalinsulfonsäure	µg/L	362	196	0.248			0.0168	<0.01	0.46	0.393	0.288	54%
1M	4-Dimethylaminopyridin	µg/L	366	1	0.0107	0.01	0.01	0.01	<0.01			0.288	0.3%
1M	7-Diethylamino-4-methylcoumarin	µg/L	366	39	0.0085	0.0046	0.001	0.00158	<0.001			0.0288	11%
1M	Benzothiazol	µg/L	366	2	0.053	0.05	0.05	0.05	<0.05			1.44	0.5%
1M	Benzotriazol	µg/L	366	366	0.34	0.25	0.174	0.186	0.101	5.19	5.19	0.144	100%

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E14	Bisphenol-A	µg/L	26	1	0.01	0.01	0.01	0.01	<0.01			0.288	3.8%
1M	Coffein	µg/L	366	344	0.22	0.084	0.033	0.043	<0.015	1.34	1.33	0.432	94%
1M14	Cyanoguanidin	µg/L	21	21	0.43	0.242	0.07	0.117	0.044	3.11	3.11	0.863	100%
1M14	Diglyme	µg/L	26	1	0.123	0.05	0.05	0.053	<0.05			1.44	3.8%
1M	Dioxan	µg/L	366	12	0.84	0.4	0.4	0.4	<0.4			11.5	3.3%
1M	Ethylidimethylcarbammat	µg/L	278	160	0.121	0.069	0.024	0.036	<0.02	0.987	0.855	0.576	58%
1M	Ethyltriphenylphosphoniumkation	µg/L	366	234	0.201	0.074	0.0152	0.0281	<0.005	0.79	0.765	0.144	64%
1M14	Galaxolid	µg/L	26	23	0.028	0.021	0.014	0.0156	<0.01	0.459	0.444	0.288	88%
1M14	Melamin	µg/L	25	24	0.58	0.41	0.27	0.282	<0.1	8.11	8.04	2.88	96%
1M	MTBE	µg/L	366	48	0.154	0.054	0.05	0.052	<0.05			1.44	13%
1M	N-Methyl-N-phenylacetamid	µg/L	366	1	0.081	0.025	0.025	0.0252	<0.025			0.719	0.3%
1M	Summe 4-Methylbenzotriazol und 5-Methylbe	µg/L	366	366	0.156	0.115	0.082	0.086	0.042	2.38	2.38	0.0576	100%
1M14	Surfynol 104	µg/L	26	9	0.074	0.033	0.025	0.0286	<0.025	0.793	0.548	0.719	35%
1M	Tetrabutylammoniumkation	µg/L	366	26	0.028	0.01	0.01	0.0104	<0.01			0.288	7.1%
1M	Tetraglyme	µg/L	366	9	0.052	0.01	0.01	0.0105	<0.01			0.288	2.5%
1M	Tetrahydrofuran	µg/L	366	9	0.61	0.2	0.2	0.204	<0.2			5.76	2.5%
1M	Toluol-4-sulfonsäure	µg/L	366	213	0.68	0.05	0.0116	0.0272	<0.01	0.799	0.742	0.288	58%
1M	Tributylmethylammoniumkation	µg/L	366	5	0.103	0.005	0.005	0.0059	<0.005			0.144	1.4%
1M	Triethylmethylammoniumkation	µg/L	366	54	0.99	0.075	0.02	0.049	<0.02			0.576	15%
1M14	Triethylmethylammoniumkation	µg/L	21	1	0.244	0.2	0.2	0.202	<0.2			5.76	4.8%
1M	Triglyme	µg/L	366	3	0.0129	0.01	0.01	0.01	<0.01			0.288	0.8%
1M	Triphenylphosphinoxid	µg/L	366	211	0.135	0.045	0.0133	0.0212	<0.01	0.591	0.529	0.288	58%
	Perfluorierte Tenside												
E28	1H,1H,2H,2H-Perfluorodekansulfonsäure(8:2FTS)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	1H,1H,2H,2H-Perfluordodekansulfonsäure(10:2FTS)	µg/L	wertet	13									
E28	1H,1H,2H,2H-Perfluorhexansulfonsäure(4:2FTS)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	1H,1H,2H,2H-Perfluordecansulfonsäure(6:2FTS)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	2-(Perfluordecyl)ethansäure(FDEA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	2-(Perfluorhexyl)ethansäure(FHEA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	2-(Perfluorocetyl)ethansäure(FOEA)	µg/L	wertet	8	6	0.006		0.0034	<0.003	0.061	0.0351	0.0863	75%
E28	N-Ethylperfluordecansulfonamidoessigsäure(N-EFDESA)	µg/L	wertet	8	5	0.005		0.005	<0.005	0.0939	0.0469	0.144	63%
E28	N-Methylperfluordecansulfonamid(N-MeFOSA)	µg/L	wertet	8	5	0.12		0.12	<0.12	2.25	1.13	3.45	63%
E28	N-Methylperfluordecansulfonamidoessigsäure(N-MeFDESA)	µg/L	wertet	8	7	0.0055		0.0051	<0.005	0.0962	0.0635	0.144	88%
E28	Perfluorbutansäure(PFBA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluorbutansulfonsäure(PFBS)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluordecansulfonsäure(PFDS)	µg/L	wertet	13									
E28	Perfluordecansäure(PFDA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluordodekansulfonsäure(PFDoS)	µg/L	wertet	13									
E28	Perfluordodekansäure(PFDDA)	µg/L	wertet	13									
E28	Perfluorheptansäure(PFHFA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluorheptansulfonsäure(PFHPS)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluorhexadecansäure(PFHxDA)	µg/L	wertet	13									
E28	Perfluorhexansäure(PFHA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluorhexansulfonsäure(PFHS)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluorononansäure(PFNA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluorononansulfonsäure(PFNS)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluordecansäure(PFODA)	µg/L	wertet	13									
E28	Perfluordecansulfonsäure(PFOA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluordecansulfonamidoessigsäure(FOSAA)	µg/L	wertet	8	5	0.005		0.005	<0.005	0.0939	0.0469	0.144	63%
E28	Perfluordecansulfonsäure(PFOS)	µg/L	wertet	8	8	0.0034		0.00306	0.003	0.0572	0.0368	0.0863	100%
E28	Perfluorpentansäure(PFPEA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluorpentansulfonsäure(PFPeS)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
E28	Perfluortetradecansäure(PFTeDA)	µg/L	wertet	13									
E28	Perfluortridekansäure(PFTrDA)	µg/L	wertet	13									
E28	Perfluorundecansäure(PFUnDA)	µg/L	wertet	8	5	0.003		0.003	<0.003	0.0563	0.0282	0.0863	63%
	Pestizide												
1M	2,4-D	µg/L	366	7	0.069	0.005	0.005	0.0053	<0.005			0.144	1.9%
1M	Atrazin	µg/L	366	105	0.0061	0.00283	0.002	0.00223	<0.002	0.0637	0.0428	0.0576	29%
1M	Carbendazim	µg/L	366	366	0.0123	0.0039	0.00223	0.00257	0.00115	0.0755	0.0755	0.0288	100%
1M	Chlortoluron	µg/L	366	296	0.0254	0.0032	0.00106	0.00165	<0.0005	0.0485	0.047	0.0288	81%
1M	Cyproconazol	µg/L	366	20	0.02	0.003	0.0032	0.003	<0.003			0.0863	5.5%
1M	Cyprodinil	µg/L	366	2	0.0055	0.005	0.005	0.005	<0.005			0.144	0.5%
1M	DEET	µg/L	364	366	0.161			0.0103	0.0034	0.279	0.279	0.0288	101%
1M	Desphenylchloridazon	µg/L	366	16	0.036	0.025	0.025	0.0251	<0.025			0.719	4.4%
1M	Diazinon	µg/L	366	1	0.0046	0.003	0.003	0.003	<0.003			0.0863	0.3%
1M	Dimethachlor	µg/L	366	1	0.014	0.01	0.01	0.01	<0.01			0.288	0.3%
1M	Dimethenamid	µg/L	366	230	0.0065	0.00159	0.00069	0.00092	<0.0005	0.0272	0.0245	0.0288	63%
1M	Diuron	µg/L	366	4	0.0052	0.003	0.003	0.00301	<0.003			0.0863	1.1%
1M	Fenpropimorph	µg/L	366	2	0.016	0.005	0.005	0.005	<0.005			0.144	0.5%
1M	Flufenacet	µg/L	366	1	0.007	0.005	0.005	0.005	<0.005			0.144	0.3%
E28	Glyphosat	µg/L	12	6	0.028	0.0182	0.01	0.0125	<0.01	0.366	0.295	0.288	50%
1M	Icaridin	µg/L	366	2	0.0176	0.01	0.01	0.01	<0.01			0.288	0.5%
1M	Isoproturon	µg/L	366	214	0.0036	0.00109	0.0006	0.00075	<0.0005	0.0215	0.0185	0.0288	58%

Anhang 3 Positivbefunde in der Wasserphase in 2020

Probenahme- dauer	Parameter	Einheit	Anzahl Messungen	Anzahl Befunde > BG	Maximalkonz.	90Perzentil	Median	Mittelwert der Werte > BG	Minimalkonz. - teilw. BG	Fracht der Werte > BG in JaTo	Fracht der IKS Werte in JaTo	Bestimmungsgr enze der Fracht in JaTo	%->BG
1M	MCPA	µg/L	366	332	0.037	0.0045	0.00154	0.00244	<0.001	0.0718	0.0705	0.0288	91%
1M	Mecoprop	µg/L	366	366	0.073	0.0105	0.0037	0.0062	0.00199	0.182	0.182	0.0288	100%
1M	Metalaxyl	µg/L	366	185	0.0083	0.0038	0.00204	0.00261	<0.002	0.0738	0.0596	0.0576	51%
1M	Metamitron	µg/L	366	3	0.01	0.005	0.005	0.005	<0.005			0.144	0.8%
1M	Metazachlor	µg/L	366	2	0.0075	0.005	0.005	0.005	<0.005			0.144	0.5%
1M	Methoxyfenozid	µg/L	366	3	0.0141	0.01	0.01	0.01	<0.01			0.288	0.8%
1M	Methyldephenylchloridazon	µg/L	366	119	0.0147	0.0077	0.005	0.0057	<0.005	0.166	0.116	0.0576	33%
1M	Metolachlor	µg/L	366	246	0.095	0.0081	0.00202	0.0037	<0.001	0.104	0.0993	0.0288	67%
1M	Pethoxamid	µg/L	366	5	0.0072	0.005	0.005	0.005	<0.005			0.144	1.4%
1M	Pirimicarb	µg/L	274	2	0.0076	0.005	0.005	0.005	<0.005			0.144	0.7%
1M	Summe Terbutryn und Prometryn	µg/L	366	228	0.0102	0.00202	0.00113	0.00138	<0.001	0.0393	0.0339	0.0288	62%
1M	Tebuconazol	µg/L	366	8	0.0065	0.005	0.005	0.005	<0.005			0.144	2.2%
1M	Terbutylazin	µg/L	366	245	0.0158	0.00278	0.00186	0.00196	<0.001	0.0587	0.054	0.0288	67%
Metabolite													
1M	2,6-Dichlorbenzamid	µg/L	366	1	0.005	0.005	0.005	0.005	<0.005			0.144	0.3%
1M	2-Hydroxyatrazin	µg/L	366	2	0.036	0.005	0.005	0.0051	<0.005			0.144	0.5%
1M	3,5,6-Trichlor-2-pyridinol	µg/L	366	5	0.0209	0.005	0.005	0.0051	<0.005			0.144	1.4%
1M	4-Formylaminoantipyrin	µg/L	366	365	0.107	0.084	0.061	0.061	<0.01	1.69	1.69	0.288	100%
1M	4-Trifluormethylphenol	µg/L	366	261	0.034	0.0128	0.0021	0.0047	<0.001	0.117	0.113	0.0288	71%
1M	Acetylsulfamethoxazol	µg/L	366	22	0.0082	0.005	0.005	0.0051	<0.005			0.144	6.0%
E28	AMPA	µg/L	12	12	0.071	0.052	0.036	0.04	0.029	1.15	1.15	0.288	100%
1M	Atenololsäure	µg/L	366	366	0.049	0.039	0.0279	0.0282	0.015	0.797	0.797	0.144	100%
1M	Azoxystrobinsäure	µg/L	366	1	0.0054	0.003	0.003	0.00301	<0.003			0.0863	0.3%
1M	Benzoylcegonin	µg/L	366	361	0.0099	0.0046	0.00277	0.00299	<0.001	0.0871	0.0869	0.0288	99%
1M	Carbamazepin-10,11-dihydro-10,11-dihydroxy	µg/L	366	281	0.039	0.0288	0.019	0.0178	<0.005	0.482	0.465	0.144	77%
1M	Carbamazepin-10,11-epoxid	µg/L	366	48	0.0098	0.0062	0.005	0.0053	<0.005			0.144	13%
1M	Chlorthalonil-TP(R 417888)	µg/L	220	54	0.0288	0.0218	0.02	0.0205	<0.02			0.576	25%
1M14	Chlorthalonil-TP(R 471811)	µg/L	25	9	0.091	0.066	0.05	0.055	<0.05	1.59	1.12	1.44	36%
1M	Desaminometamitron	µg/L	366	150	0.0153	0.0027	0.001	0.00166	<0.001	0.0469	0.0387	0.0288	41%
1M	Desethylatrazin	µg/L	366	135	0.0083	0.0037	0.003	0.0032	<0.003	0.091	0.0612	0.0863	37%
1M	Desethylterbutylazin	µg/L	366	1	0.005	0.005	0.005	0.005	<0.005			0.144	0.3%
1M	Dimethachlor-OXA	µg/L	366	1	0.0122	0.01	0.01	0.01	<0.01			0.288	0.3%
1M	Ethylbenzoylcegonin	µg/L	366	1	0.0054	0.001	0.001	0.00101	<0.001			0.0288	0.3%
1M	Fenofibrinsäure	µg/L	366	3	0.025	0.01	0.01	0.0101	<0.01			0.288	0.8%
1M	Flufenacet-ESA	µg/L	366	1	0.0102	0.01	0.01	0.01	<0.01			0.288	0.3%
1M14	Guanylurea	µg/L	25	23	1.44	0.99	0.59	0.66	<0.2	17.4	17.1	5.76	92%
1M	Hydroxydesisopropylprometon	µg/L	366	1	0.005	0.005	0.005	0.005	<0.005			0.144	0.3%
1M	Metalaxyl-TP(CGA 62826)	µg/L	366	99	0.198	0.044	0.01	0.0211	<0.01	0.559	0.451	0.288	27%
1M	Metolachlor-ESA	µg/L	366	362	0.0299	0.0169	0.0097	0.0111	<0.005	0.324	0.323	0.144	99%
1M	Metolachlor-morpholinon	µg/L	366	103	0.0184	0.0036	0.002	0.0025	<0.002	0.0698	0.0488	0.0576	28%
1M	Metolachlor-OXA	µg/L	366	120	0.0118	0.0078	0.005	0.0058	<0.005	0.163	0.114	0.144	33%
1M	O-Desmethylvenlafaxin	µg/L	366	365	0.0305	0.0204	0.011	0.0115	<0.001	0.317	0.317	0.0288	100%
1M	N,N-Didesmethylvenlafaxin	µg/L	366	65	0.063	0.0101	0.005	0.0068	<0.005			0.144	18%
1M	N-Acetyl-4-aminoantipyrin	µg/L	366	366	0.122	0.096	0.071	0.072	0.035	2.01	2.01	0.0863	100%
1M	N-Desmethylvenlafaxin	µg/L	366	349	0.0075	0.00226	0.00159	0.00166	<0.001	0.046	0.0452	0.0288	95%
1M	N,O-Didesmethylvenlafaxin	µg/L	366	344	0.0129	0.0061	0.004	0.0041	<0.002	0.112	0.11	0.0576	94%
1M	Oxypurinol	µg/L	366	366	0.229	0.146	0.104	0.102	0.024	2.82	2.82	0.576	100%
1M14	Oxypurinol	µg/L	1	1	0.089	0.089	0.089	0.089	0.089	2.56	2.56	1.44	100%
1M	Propachlor-OXA	µg/L	366	4	0.0157	0.01	0.01	0.01	<0.01			0.288	1.1%
1M	Pyrimidinol	µg/L	366	7	0.0239	0.01	0.01	0.0101	<0.01			0.288	1.9%
1M	Valsartansäure	µg/L	366	366	0.106	0.08	0.056	0.058	0.0253	1.59	1.59	0.144	100%