



Abfluss Tages-φ : prov. (Rheinhalle):		Jahr	2014
prov.	min	1027	m³/s
prov.	max	556	m³/s
φ Vorjahr (2013, Rheinhalle):		1196	m³/s

Besondere Vorkommnisse:

Nein

(z.B. Störfälle)

Temperatur	K	°C	5.3	24.0
pH	K		7.81	8.26
Sauerstoff	K	mg/l	7.7	12.8
Leitfähigkeit	K	µS/cm	291	455

Erläuterungen: (Die Bezeichnungen der Muster wurden der IKS-R-Konvention angepasst)

- K: Tagesmittelwerte
 1M: Tagesmischprobe
 7M: Mischprobe über 7 Tage
 14M: Mischprobe über 14 Tage
 28M: Mischprobe über 28 Tage
 1M14: 24h-Mischprobe alle 14 Tage
 E28: Momentanprobe alle 28 Tage
 ** Angaben nur, wenn BG überschritten
- n: Anzahl der Messungen
 n-BG: Anzahl der Messungen grösser analyt. Bestimmungsgrenze (BG)
 Min: Minimum
 Mittel: arithmetischer Mittelwert
 Max: Maximum

Methoden-Gruppe	Material-Art	Komponent	Einheit	Bestimmungs-Grenze	Anzahl Messungen	Anzahl pos. Messungen	MinWert	MittelWert 2014	IKSR-MW 2014	MaxWert	MittelWert Jahr 2013	IKSR-MW Jahr 2013	CAS-No	Wirkstoffgruppe	Classification-Level1	Classification-Level2	Metabolit_von
ALLG_PARAMETER	14M_MK	Leitfähigkeit_25°C_berechnet	µS/cm_25°C	1	26	26	335.8	386.1	386.1	437.9	386.9	386.9					
ALLG_PARAMETER	1M14_MS	SAK-254	1/m	0.03	26	26	3.113	4.432	4.431	8.912	4.204	4.204					
ALLG_PARAMETER	1M14_MS	SAK-436	1/m	0.03	26	26	0.095	0.240	0.240	0.700	0.231	0.231					
SUMMENPARAMETER	14M_MK	DOC	mg/L	0.1	26	26	1.61	1.95	1.96	2.79	1.79	1.80	64-85-7				
SUMMENPARAMETER	E14_MS	DOC	mg/L	0.1	26	26	1.61	1.88	1.89	2.77	1.72	1.73	64-85-7				
SUMMENPARAMETER	14M_MK	GUS	mg/L	0.1	26	26	2.3	15.3	15.4	109.0	16.3	16.3					
SUMMENPARAMETER	14M_MK	Phosphor(gesamt)	mg/L	0.003	26	26	0.016	0.032	0.032	0.078	0.034	0.034					
SUMMENPARAMETER	14M_MK	Stickstoff(gesamt)	mg/L	0.45	26	26	1.02	1.39	1.39	1.83	1.44	1.44					
SUMMENPARAMETER	14M_MK	TOC	mg/L	0.1	26	26	1.91	2.67	2.67	4.57	2.42	2.42					
HAERTE	14M_MK	Alkalinität(pH=4.5)	mMol_H+/L	0.05	26	26	2.59	2.89	2.89	3.26	2.88	2.88					
HAERTE	14M_MK	Gesamthärte(ber)	GRAD_dH	0.5	26	26	8.4	9.4	9.4	10.7	9.5	9.5					
HAERTE	14M_MK	Gesamthärte	GRAD_dH	0.5	26	26	8.4	9.5	9.5	10.7	9.5	9.5					
HAERTE	14M_MK	Karbonathärte	GRAD_dH	0.25	26	26	7.4	8.3	8.3	9.3	8.2	8.2					
ANIONEN	14M_MK	Bromid	mg/L	0.01	26	26	0.02	0.06	0.06	0.13	0.07	0.07	24959-67-9				
ANIONEN	14M_MK	Chlorid	mg/L	1.5	26	26	6.9	11.3	11.3	16.1	12.0	12.0	16887-00-6				
ANIONEN	14M_MK	Fluorid	mg/L	0.03	26	26	0.071	0.080	0.080	0.089	0.079	0.079	16984-48-8				
ANIONEN	E14_MK	Kieselsäure frei (Si)	mg/L	0.1	26	26	1.0	1.4	1.4	1.8	1.4	1.4					
ANIONEN	14M_MK	Nitrat(N)	mg/L	0.06	26	26	0.8	1.3	1.3	1.7	1.4	1.4	14797-55-8				
ANIONEN	E14_MS	Nitrit(N)	mg/L	0.004	26	26	0.006	0.012	0.012	0.019	0.011	0.011	14797-65-0				
ANIONEN	E14_MS	o-Phosphat(DRP)	mg/L	0.003	26	26	0.005	0.015	0.015	0.032	0.016	0.016	14265-44-2				
ANIONEN	14M_MK	Sulfat	mg/L	2.5	26	26	21.5	24.6	24.6	27.5	24.4	24.4	14808-79-8				
KATIONEN	E14_MS	Ammonium(N)	mg/L	0.01	26	26	0.016	0.041	0.041	0.060	0.036	0.036	14798-03-9				
KATIONEN	14M_MK	Calcium(gesamt)	mg/L	7	26	26	48.8	55.0	55.0	62.2	55.6	55.6	7440-70-2				
KATIONEN	14M_MK	Kalium(gesamt)	mg/L	0.5	26	26	1.48	1.80	1.80	2.02	1.72	1.72	7440-09-7				
KATIONEN	14M_MK	Magnesium(gesamt)	mg/L	1	26	26	6.5	7.6	7.6	8.6	7.6	7.6	7439-95-4				
KATIONEN	14M_MK	Natrium(gesamt)	mg/L	2	26	26	5.8	8.7	8.7	11.4	8.6	8.6	7440-23-5				
IONENBILANZ	14M_MK	Anionensumme	meq/L	0.05	26	26	3.41	3.88	3.88	4.37	3.90	3.90					
IONENBILANZ	14M_MK	ionenbilanz	%	0.01	26	2	-9.15	-2.28	0.00	0.03	-1.57	0.32					
IONENBILANZ	14M_MK	Kationensumme	meq/L	0.05	26	26	3.29	3.79	3.79	4.34	3.84	3.84					
METALLE	E28_MK	Arsen(gelöst)	µg/L	0.5	13	13	0.5	0.7	0.7	0.9	0.8	0.8	7440-38-2				
METALLE	14M_MK	Arsen(gesamt)	µg/L	0.5	26	26	0.6	0.7	0.7	0.9	0.8	0.8	7440-38-2				
METALLE	E28_MK	Blei(gelöst)	µg/L	0.1	13	3	0.00	0.03	0.06	0.12	0.03	0.08	7439-92-1				
METALLE	14M_MK	Blei(gesamt)	µg/L	0.1	26	20	0.00	0.27	0.28	1.50	0.35	0.36	7439-92-1				
ELEMENTE	E28_MK	Bor(gelöst)	µg/L	10	13	13	14.0	15.8	15.8	19.0	14.6	14.6	7440-42-8				
METALLE	14M_MK	Cadmium(gesamt)	µg/L	0.02	26	1	0.00	0.00	0.01	0.03	0.00	0.01	7440-43-9				
METALLE	E28_MK	Chrom(gelöst)	µg/L	0.2	13	8	0.00	0.17	0.21	0.42	0.17	0.20	7440-47-3				
METALLE	14M_MK	Chrom(gesamt)	µg/L	0.2	26	23	0.00	0.27	0.28	0.61	0.28	0.29	7440-47-3				
METALLE	E28_MK	Kupfer(gelöst)	µg/L	0.5	13	13	0.68	0.93	0.93	1.60	0.78	0.78	7440-50-8				
METALLE	14M_MK	Kupfer(gesamt)	µg/L	0.5	26	26	0.77	1.12	1.12	2.40	1.11	1.11	7440-50-8				
METALLE	E28_MK	Nickel(gelöst)	µg/L	0.5	13	6	0.00	0.25	0.38	0.59	0.22	0.38	7440-02-0				
METALLE	14M_MK	Nickel(gesamt)	µg/L	0.5	26	9	0.00	0.25	0.41	1.30	0.51	0.57	7440-02-0				
METALLE	14M_MK	Quecksilber(gesamt)	µg/L	0.005	26	1	0.000	0.000	0.003	0.007	0.001	0.003	7439-97-6				
METALLE	E28_MK	Zink(gelöst)	µg/L	1	13	5	0.0	0.5	0.8	1.3	0.1	0.6	7440-66-6				
METALLE	14M_MK	Zink(gesamt)	µg/L	1	26	19	0.0	1.4	1.5	5.6	1.4	1.6	7440-66-6				
NUKLIDE	1M_PMS	Tritium	Bq/L	0.5	365	362	0.0	6.3	6.4	28.3	8.8	8.8	15086-10-9				
LHKW	1M_MS	1,1,1-Trichlorethan	µg/L	0.001	365	296	0.000	0.003	0.003	0.030	0.001	0.001	71-55-6				
LHKW	1M_MS	1,2-Dichlorethan	µg/L	0.04	365	3	0.000	0.000	0.020	0.009	0.000	0.020	107-06-2				
LHKW	1M_MS	1,2-Dichlorpropan	µg/L	0.04	365	1	0.000	0.000	0.020	0.010	0.000	0.020	78-87-5				
LHKW	1M_MS	Bromoform	µg/L	0.01	365	178	0.000	0.008	0.011	0.029	0.003	0.007	75-25-2				
LHKW	1M_MS	Chloroform	µg/L	0.02	365	319	0.000	0.033	0.034	0.086	0.028	0.029	67-66-3				
LHKW	1M_MS	Dibromchloromethan	µg/L	0.04	365	1	0.000	0.000	0.020	0.011	0.000	0.020	124-48-1				
LHKW	1M_MS	Dichlormethan	µg/L	0.04	365	128	0.000	0.026	0.039	0.360	0.070	0.075	75-09-2				
LHKW	1M_MS	Hexachlorethan	µg/L	0.0004	365	128	0.0000	0.0002	0.0004	0.0080	0.0005	0.0005	67-72-1				
LHKW	1M_MS	Tetrachlorethan	µg/L	0.001	365	365	0.007	0.020	0.020	0.036	0.020	0.020	127-18-4				
LHKW	1M_MS	Tetrachlormethan	µg/L	0.001	365	256	0.000	0.002	0.002	0.004	0.002	0.002	56-23-5				
LHKW	1M_MS	Trichlorethan	µg/L	0.001	365	352	0.000	0.005	0.005	0.015	0.004	0.004	79-01-6				
LHKW	1M_MS	Summe_Halogenierte	µg/L	0.25	365	365	0.009	0.096	0.100	0.413	0.131	0.131					
KOMPLEXBILDNER	28M_MS	EDTA	µg/L	0.5	13	13	0.6	1.0	1.0	1.3	0.9	0.9	60-00-4				
KOMPLEXBILDNER	28M_MS	NTA	µg/L	0.5	13	12	0.0	0.5	0.5	0.8	0.5	0.5	139-13-9				

Methoden-Gruppe	Material-Art	Komponent	Einheit	Bestimmungs-Grenze	Anzahl Messungen	Anzahl pos. Messungen	MinWert	MittelWert Monat	IKSR-MW	MaxWert	MittelWert Jahr 2013	IKSR-MW Jahr 2013	CAS-No	Wirkstoffgruppe	Classification-Level1	Classification-Level2	Metabolit_von
ORGANOCHLORVERB.	1M_MS	Chlorbenzol	µg/L	0.25	365	1	0.00	0.00	0.13	0.02	0.00	0.13	108-90-7				
SUESSTOFFE	1M_MS	Acesulfam	µg/L	0.003	365	365	0.281	0.673	0.673	1.460	0.699	0.699	55589-62-3	Lebensmittelzusatzstoff	sweetener		
ARZNEIMITTEL	1M_MS	Atenolon	µg/L	0.01	365	81	0.000	0.003	0.006	0.016	0.005	0.007	29122-68-7	Pharmazeutika	CARDIOVASCULAR SYSTEM	BETA BLOCKING AGENTS	
ARZNEIMITTEL	1M_MS	Carbamazepin	µg/L	0.001	365	365	0.010	0.024	0.024	0.051	0.023	0.023	298-46-4	Pharmazeutika	NERVOUS SYSTEM	ANTIPILEPTICS	
ARZNEIMITTEL	1M_MS	Clarithromycin	µg/L	0.001	365	365	0.000	0.006	0.006	0.035	0.006	0.006	81103-11-9	Pharmazeutika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIBACTERIALS FOR SYSTEMIC USE	
ARZNEIMITTEL	1M_MS	Diclofenac	µg/L	0.005	365	365	0.009	0.037	0.037	0.095	0.030	0.030	15307-86-5	Pharmazeutika	MUSCULO-SKELETAL SYSTEM	ANTIINFLAMMATORY AND ANTIRHEUMATIC PRODUCTS	
ARZNEIMITTEL	1M_MS	Gabapentin	µg/L	0.01	365	365	0.024	0.056	0.056	0.103	-	-	60142-96-3	Pharmazeutika	NERVOUS SYSTEM	ANTIPILEPTICS	
ARZNEIMITTEL	1M_MS	Hydrochlorothiazid	µg/L	0.01	365	360	0.000	0.027	0.027	0.063	-	-	58-93-5	Pharmazeutika	CARDIOVASCULAR SYSTEM	DIURETICS	
ARZNEIMITTEL	1M_MS	Iopromid	µg/L	0.15	365	88	0.000	0.047	0.104	0.285	0.072	0.106	73334-07-3	Pharmazeutika	VARIOUS	CONTRAST MEDIA	
ARZNEIMITTEL	1M_MS	Lamotrigin	µg/L	0.005	365	365	0.009	0.027	0.027	0.061	-	-	84057-84-1	Pharmazeutika	NERVOUS SYSTEM	ANTIPILEPTICS	
ARZNEIMITTEL	1M_MS	Levetiracetam	µg/L	0.02	365	56	0.000	0.004	0.012	0.046	-	-	102767-28-2	Pharmazeutika	NERVOUS SYSTEM	ANTIPILEPTICS	
ARZNEIMITTEL	1M_MS	Metformin	µg/L	0.005	365	365	0.122	0.344	0.344	0.685	0.338	0.338	657-24-9	Pharmazeutika	ALIMENTARY TRACT AND METABOLISM	DRUGS USED IN DIABETES	
ARZNEIMITTEL	1M_MS	Metoprolol	µg/L	0.001	365	365	0.004	0.013	0.013	0.024	0.012	0.012	37350-58-6	Pharmazeutika	CARDIOVASCULAR SYSTEM	BETA BLOCKING AGENTS	
ARZNEIMITTEL	1M_MS	Sotalol	µg/L	0.01	365	26	0.000	0.002	0.006	0.043	0.001	0.005	3930-20-9	Pharmazeutika	CARDIOVASCULAR SYSTEM	BETA BLOCKING AGENTS	
ARZNEIMITTEL	1M_MS	Sulfamethoxazol	µg/L	0.01	365	327	0.000	0.014	0.015	0.084	0.014	0.014	723-46-6	Pharmazeutika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIBACTERIALS FOR SYSTEMIC USE	
ARZNEIMITTEL	1M_MS	Tizanidin	µg/L	0.001	365	134	0.000	0.005	0.005	0.125	0.004	0.005					
ARZNEIMITTEL	1M_MS	Valsartan	µg/L	0.005	365	365	0.013	0.040	0.040	0.099	0.039	0.039	137862-53-4	Pharmazeutika	CARDIOVASCULAR SYSTEM	AGENTS ACTING ON THE RENIN-ANGIOTENSIN SYSTEM	
ARZNEIMITTEL	1M_MS	Venlafaxin	µg/L	0.001	365	365	0.003	0.011	0.011	0.044	0.011	0.011	93413-69-5	Pharmazeutika	NERVOUS SYSTEM	PSYCHOANALEPTICS	
ARZNEIMITTEL	1M_MS	Paracetamol	µg/L	0.01	9	8	0.000	0.056	0.057	0.117	0.071	0.071	103-90-2	Pharmazeutika	NERVOUS SYSTEM	ANALGESICS	
EINZELSTOFFE	1M_MS	2-Naphthalinsulfonsaeure	µg/L	0.005	365	357	0.000	0.013	0.013	0.085	0.017	0.017					
EINZELSTOFFE	1M_MS	5-Methyl-benzotriazol	µg/L	0.005	365	365	0.053	0.113	0.113	0.208	0.113	0.113	136-85-6	Korrosionsschutzmittel	corrosion inhibitor		
EINZELSTOFFE	1M_MS	Benzotriazol	µg/L	0.01	365	365	0.116	0.222	0.222	0.410	0.215	0.215	95-14-7	Korrosionsschutzmittel	corrosion inhibitor		
EINZELSTOFFE	1M_MS	Coffein	µg/L	0.02	365	353	0.000	0.058	0.058	0.296	-	-	58-08-2	Tracer	NERVOUS SYSTEM	PSYCHOANALEPTICS	
EINZELSTOFFE	1M_MS	Diglyme	µg/L	0.05	365	161	0.000	0.021	0.034	0.233	0.008	0.027	111-96-6				
EINZELSTOFFE	1M_MS	Dioxan	µg/L	0.8	365	4	0.000	0.008	0.403	0.940	0.000	0.400					
EINZELSTOFFE	1M14_MS	Galaxolid	µg/L	0.01	26	25	0.000	0.021	0.021	0.041	0.022	0.022	1222-05-5	Personal Care Product			
EINZELSTOFFE	1M_MS	MTBE	µg/L	0.6	365	1	0.000	0.003	0.302	1.170	0.000	0.300	1634-04-4				
EINZELSTOFFE	E14_MS	Octylphenol	µg/L	0.01	26	1	0.000	0.000	0.005	0.003	0.001	0.006					
EINZELSTOFFE	1M_MS	Surfynol-104	µg/L	0.02	365	333	0.000	0.033	0.033	0.085	0.053	0.053	126-86-3	Industriechemikalie	surfactant		
PERFLUORIERTES_TENSIDE	E28_MS	Perfluoroctansaeure_PFOA	µg/L	0.005	13	1	0.000	0.001	0.003	0.008	0.000	0.003	335-67-1				
PERFLUORIERTES_TENSIDE	E28_MS	Perfluoroctansulfonsaeure_PFOs	µg/L	0.005	13	6	0.000	0.003	0.004	0.007	0.003	0.004					
PESTIZIDE	1M_MS	Atrazin	µg/L	0.005	365	21	0.000	0.001	0.003	0.035	0.002	0.003	1912-24-9	Pestizid	Herbizid	triazine herbicides	
PESTIZIDE	1M_MS	Carbendazim	µg/L	0.001	365	365	0.003	0.007	0.007	0.021	0.007	0.007	10605-21-7	Biozid	Fungizid	benzimidazole fungicides	
PESTIZIDE	1M_MS	Chlortoluron	µg/L	0.001	365	160	0.000	0.002	0.002	0.054	0.002	0.002	15545-48-9	Pestizid	Herbizid	phenylurea herbicides	
PESTIZIDE	1M_MS	Cyproconazol	µg/L	0.005	365	8	0.000	0.000	0.003	0.012	0.009	0.010	94361-06-5	Pestizid	Fungizid	conazole fungicides	
PESTIZIDE	1M_MS	DEET	µg/L	0.001	365	365	0.006	0.013	0.013	0.069	0.020	0.020	134-62-3	Biozid	insect repellents		
PESTIZIDE	1M_MS	Dimethenamid	µg/L	0.001	365	66	0.000	0.000	0.001	0.004	0.000	0.001	87674-68-8	Pestizid	Herbizid	amide herbicides	
PESTIZIDE	1M_MS	Isoproturon	µg/L	0.001	365	315	0.000	0.003	0.004	0.059	0.005	0.005	34123-59-6	Pestizid	Herbizid	urea herbicides	
PESTIZIDE	1M_MS	MCPA	µg/L	0.005	365	124	0.000	0.003	0.005	0.024	0.005	0.006	94-74-6	Pestizid	Herbizid	phenoxy herbicides	
PESTIZIDE	1M_MS	Mecoprop	µg/L	0.004	365	364	0.000	0.010	0.010	0.158	0.012	0.012	93-65-2	Pestizid	Herbizid	phenoxy herbicides	
PESTIZIDE	1M_MS	Mecoprop	µg/L	0.005	365	364	0.000	0.010	0.010	0.158	0.012	0.012	93-65-2	Pestizid	Herbizid	phenoxy herbicides	
PESTIZIDE	1M_MS	Metamitron	µg/L	0.02	365	7	0.000	0.001	0.013	0.098	0.001	0.013	41394-05-2	Pestizid	Herbizid	triazinone herbicides	
PESTIZIDE	1M_MS	Metolachlor	µg/L	0.001	365	365	0.001	0.005	0.005	0.028	0.008	0.008	51218-45-2	Pestizid	Herbizid	amide herbicides	
PESTIZIDE	1M_MS	Summe Terbutryn und Prometryn	µg/L	0.002	365	38	0.000	0.000	0.001	0.003	0.001	0.001					
PESTIZIDE	1M_MS	Terbutylazin	µg/L	0.003	365	118	0.000	0.003	0.004	0.024	0.004	0.004	5915-41-3	Pestizid	Herbizid	triazine herbicide	
METABOLITE	1M_MS	Azoxystrobin-saeure	µg/L	0.001	365	319	0.000	0.002	0.002	0.007	0.001	0.002					
METABOLITE	1M_MS	Carbamazepin-10,11-epoxid	µg/L	0.005	365	2	0.000	0.000	0.003	0.006	0.001	0.003	36507-30-9	Pharmazeutika	NERVOUS SYSTEM	ANTIPILEPTICS	Carbamazepine
METABOLITE	1M_MS	Desamino-metamitron	µg/L	0.002	365	121	0.000	0.003	0.004	0.033	0.002	0.003					
METABOLITE	1M_MS	Desethylatrazin	µg/L	0.005	365	123	0.000	0.002	0.004	0.011	0.004	0.004	6190-65-4				
METABOLITE	1M_MS	Metolachlor-morpholinon	µg/L	0.001	365	318	0.000	0.004	0.004	0.020	0.002	0.003	120375-14-6	Pestizid	Herbizid	amide herbicides	Metolachlor
METABOLITE	1M_MS	N,N-Didesvenlafaxin	µg/L	0.01	365	77	0.000	0.030	0.034	0.480	0.019	0.023	93413-77-5	Pharmazeutika	NERVOUS SYSTEM	PSYCHOANALEPTICS	Venlafaxin
METABOLITE	1M_MS	O,N-Didesvenlafaxin	µg/L	0.005	365	204	0.000	0.005	0.006	0.027	0.003	0.004					
METABOLITE	1M_MS	Valsartansaeure	µg/L	0.01	365	365	0.016	0.044	0.044	0.085	-	-	137862-53-4				

Semiquantitativ Ausgewerete Befunde

Methoden-Gruppe	Material-Art	Komponent	Einheit	Bestimmungs-Grenze	Anzahl Messungen	Anzahl pos. Messungen	MinWert	MittelWert Monat	IKSR-MW	MaxWert	MittelWert Jahr 2013	IKSR-MW Jahr 2013	CAS-No	Wirkstoffgruppe	Classification-Level1	Classification-Level2	Metabolit_von
SUESSTOFFE	1M_MS	SQ_Acesulfam	µg/L	0.005	365	365	0.259	0.616	0.616	1.620	0.921	0.921	55589-62-3	Lebensmittelzusatzstoff	sweetener		
SUESSTOFFE	1M_MS	SQ_Cyclohexylsulfamidsaure	µg/L	0.01	364	362	0.000	0.032	0.032	0.145	0.039	0.039	100-88-9	Lebensmittelzusatzstoff	sweetener		
SUESSTOFFE	1M_MS	SQ_Saccharin	µg/L	0.01	364	350	0.000	0.041	0.042	0.402	0.054	0.054	81-07-2	Lebensmittelzusatzstoff	sweetener		
SUESSTOFFE	1M_MS	SQ_Sucralose	µg/L	0.01	365	365	0.040	0.136	0.136	0.240	0.102	0.102	56038-13-2	Lebensmittelzusatzstoff	sweetener		
ROENTGENKONTRASTM	1M_MS	SQ_Iohexol	µg/L	0.05	365	49	0.000	0.009	0.031	0.098	0.003	0.027	66108-95-0	Pharmazeutika	VARIOUS	CONTRAST MEDIA	
ROENTGENKONTRASTM	1M_MS	SQ_Summe Iomeprol und Iopamidol	µg/L	0.15	365	225	0.000	0.241	0.269	1.190	0.144	0.184					
ARZNEIMITTEL	1M_MS	SQ_Amisulprid	µg/L	0.01	365	13	0.000	0.001	0.005	0.019	0.000	0.005	71675-85-9	Pharmazeutika			
ARZNEIMITTEL	1M_MS	SQ_Atenolol	µg/L	0.01	299	2	0.000	0.000	0.005	0.018	0.000	0.005	29122-68-7	Pharmazeutika	CARDIOVASCULAR SYSTEM	BETA BLOCKING AGENTS	
ARZNEIMITTEL	1M_MS	SQ_Azithromycin	µg/L	0.01	365	3	0.000	0.000	0.005	0.024	0.001	0.005	83905-01-5	Pharmazeutika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIBACTERIALS FOR SYSTEMIC USE	
ARZNEIMITTEL	1M_MS	SQ_Candesartan	µg/L	0.01	365	274	0.000	0.012	0.013	0.036	0.006	0.009	139481-59-7	Pharmazeutika			
ARZNEIMITTEL	1M_MS	SQ_Carbamazepin	µg/L	0.005	365	365	0.007	0.022	0.022	0.053	0.022	0.022	298-46-4	Pharmazeutika	NERVOUS SYSTEM	ANTIEPILEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Carbamazepin	µg/L	0.01	365	365	0.007	0.022	0.022	0.053	0.022	0.022	298-46-4	Pharmazeutika	NERVOUS SYSTEM	ANTIEPILEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Clarithromycin	µg/L	0.005	365	165	0.000	0.003	0.005	0.026	0.002	0.004	81103-11-9	Pharmazeutika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIBACTERIALS FOR SYSTEMIC USE	
ARZNEIMITTEL	1M_MS	SQ_Clindamycin	µg/L	0.01	365	1	0.000	0.000	0.005	0.016	0.000	0.005	18323-44-9	Pharmazeutika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIBACTERIALS FOR SYSTEMIC USE	
ARZNEIMITTEL	1M_MS	SQ_Diclofenac	µg/L	0.005	365	365	0.006	0.039	0.039	0.092	0.026	0.027	15307-86-5	Pharmazeutika	MUSCULO-SKELETAL SYSTEM	ANTIINFLAMMATORY AND ANTIRHEUMATIC PRODUCTS	
ARZNEIMITTEL	1M_MS	SQ_Eprosartan	µg/L	0.01	362	1	0.000	0.000	0.005	0.013	0.000	0.005	133040-01-4	Pharmazeutika			
ARZNEIMITTEL	1M_MS	SQ_Fenofibrat	µg/L	0.01	351	1	0.000	0.000	0.005	0.016	0.000	0.005	49562-28-9	Pharmazeutika	CARDIOVASCULAR SYSTEM	LIPID MODIFYING AGENTS	
ARZNEIMITTEL	1M_MS	SQ_Fluoxetin	µg/L	0.01	358	10	0.000	0.001	0.005	0.049	0.000	0.005	54910-89-3	Pharmazeutika	NERVOUS SYSTEM	PSYCHOANALEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Gabapentin	µg/L	0.01	362	320	0.000	0.048	0.048	0.104	0.000	0.005	60142-96-3	Pharmazeutika	NERVOUS SYSTEM	ANTIEPILEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Hydrochlorothiazid	µg/L	0.01	365	365	0.013	0.027	0.027	0.062	0.020	0.021	58-93-5	Pharmazeutika	CARDIOVASCULAR SYSTEM	DIURETICS	
ARZNEIMITTEL	1M_MS	SQ_Indomethacin	µg/L	0.01	365	25	0.000	0.009	0.013	0.471	0.000	0.005	53-86-1	Pharmazeutika	MUSCULO-SKELETAL SYSTEM	ANTIINFLAMMATORY AND ANTIRHEUMATIC PRODUCTS	
ARZNEIMITTEL	1M_MS	SQ_Iopromid	µg/L	0.15	351	96	0.000	0.050	0.104	0.386	0.038	0.098	73334-07-3	Pharmazeutika	VARIOUS	CONTRAST MEDIA	
ARZNEIMITTEL	1M_MS	SQ_Lamotrigin	µg/L	0.01	365	365	0.008	0.025	0.025	0.058	0.021	0.022	84057-84-1	Pharmazeutika	NERVOUS SYSTEM	ANTIEPILEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Levetiracetam	µg/L	0.01	365	39	0.000	0.003	0.011	0.046	0.014	0.016	102767-28-2	Pharmazeutika	NERVOUS SYSTEM	ANTIEPILEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Levetiracetam	µg/L	0.02	365	39	0.000	0.003	0.011	0.046	0.014	0.016	102767-28-2	Pharmazeutika	NERVOUS SYSTEM	ANTIEPILEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Lidocain	µg/L	0.005	365	7	0.000	0.000	0.005	0.014	0.000	0.005	137-58-6	Pharmazeutika	NERVOUS SYSTEM	ANESTHETICS	
ARZNEIMITTEL	1M_MS	SQ_Lidocain	µg/L	0.01	365	7	0.000	0.000	0.005	0.014	0.000	0.005	137-58-6	Pharmazeutika	NERVOUS SYSTEM	ANESTHETICS	
ARZNEIMITTEL	1M_MS	SQ_Losartan	µg/L	0.01	365	5	0.000	0.000	0.005	0.013	0.000	0.005	114798-26-4	Pharmazeutika			
ARZNEIMITTEL	1M_MS	SQ_Metformin	µg/L	0.005	365	365	0.117	0.310	0.310	0.656	0.346	0.346	657-24-9	Pharmazeutika	ALIMENTARY TRACT AND METABOLISM	DRUGS USED IN DIABETES	
ARZNEIMITTEL	1M_MS	SQ_Metoprolol	µg/L	0.001	365	365	0.006	0.015	0.015	0.028	0.011	0.011	37350-58-6	Pharmazeutika	CARDIOVASCULAR SYSTEM	BETA BLOCKING AGENTS	
ARZNEIMITTEL	1M_MS	SQ_Moclobemid	µg/L	0.01	358	7	0.000	0.001	0.006	0.056	0.000	0.005	71320-77-9	Pharmazeutika	NERVOUS SYSTEM	PSYCHOANALEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Mycophensaure	µg/L	0.01	362	36	0.000	0.002	0.006	0.041	0.000	0.005					
ARZNEIMITTEL	1M_MS	SQ_Naproxen	µg/L	0.02	358	10	0.000	0.001	0.013	0.054	0.001	0.013	22204-53-1	Pharmazeutika	MUSCULO-SKELETAL SYSTEM	ANTIINFLAMMATORY AND ANTIRHEUMATIC PRODUCTS	
ARZNEIMITTEL	1M_MS	SQ_Oseltamivir	µg/L	0.005	365	14	0.000	0.000	0.003	0.018	0.000	0.003	196618-13-0	Pharmazeutika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIVIRALS FOR SYSTEMIC USE	
ARZNEIMITTEL	1M_MS	SQ_Oxazepam	µg/L	0.01	365	20	0.000	0.001	0.005	0.012	0.001	0.006	604-75-1	Pharmazeutika	NERVOUS SYSTEM	PSYCHOLEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Paracetamol	µg/L	0.01	365	107	0.000	0.010	0.013	0.113	0.021	0.023	103-90-2	Pharmazeutika	NERVOUS SYSTEM	ANALGESICS	
ARZNEIMITTEL	1M_MS	SQ_Sitagliptin	µg/L	0.01	365	292	0.000	0.018	0.019	0.048	0.015	0.016	486460-32-6	Pharmazeutika			
ARZNEIMITTEL	1M_MS	SQ_Sotalol	µg/L	0.01	365	27	0.000	0.002	0.006	0.047	0.000	0.005	3930-20-9	Pharmazeutika	CARDIOVASCULAR SYSTEM	BETA BLOCKING AGENTS	
ARZNEIMITTEL	1M_MS	SQ_Sulfamethoxazol	µg/L	0.01	365	191	0.000	0.008	0.010	0.060	0.008	0.010	723-46-6	Pharmazeutika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIBACTERIALS FOR SYSTEMIC USE	
ARZNEIMITTEL	1M_MS	SQ_Sulfapyridin	µg/L	0.01	365	43	0.000	0.001	0.006	0.014	0.001	0.006	144-83-2	Pharmazeutika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIBACTERIALS FOR SYSTEMIC USE	
ARZNEIMITTEL	1M_MS	SQ_Summe O-Desvenlafaxin und N-Desvenlafaxin und Tramadol	µg/L	0.005	365	236	0.000	0.017	0.017	0.044	0.019	0.019					
ARZNEIMITTEL	1M_MS	SQ_Thiopental	µg/L	0.01	358	26	0.000	0.001	0.006	0.019	0.003	0.007	144701-48-4	Pharmazeutika			
ARZNEIMITTEL	1M_MS	SQ_Tizanidin	µg/L	0.001	358	46	0.000	0.004	0.004	0.126	0.003	0.003					
ARZNEIMITTEL	1M_MS	SQ_Valsartan	µg/L	0.005	365	365	0.014	0.037	0.037	0.088	0.041	0.041	137862-53-4	Pharmazeutika	CARDIOVASCULAR SYSTEM	AGENTS ACTING ON THE RENIN-ANGIOTENSIN SYSTEM	
ARZNEIMITTEL	1M_MS	SQ_Venlafaxin	µg/L	0.001	365	348	0.000	0.009	0.009	0.041	0.009	0.009	93413-69-5	Pharmazeutika	NERVOUS SYSTEM	PSYCHOANALEPTICS	
ARZNEIMITTEL	1M_MS	SQ_Verapamil	µg/L	0.01	365	1	0.000	0.000	0.005	0.018	0.000	0.005	152-11-4	Pharmazeutika	CARDIOVASCULAR SYSTEM	CALCIUM CHANNEL BLOCKERS	
EINZELSTOFFE	1M_MS	SQ_2-Naphthalinsulfonsaure	µg/L	0.005	365	304	0.000	0.015	0.016	0.115	0.011	0.011					
EINZELSTOFFE	1M_MS	SQ_4-Trifluormethyl-phenol	µg/L	0.01	365	309	0.000	0.062	0.063	0.398	0.037	0.039					
EINZELSTOFFE	1M_MS	SQ_4-Chlor-2-methylphenol	µg/L	0.01	281	30	0.000	0.002	0.006	0.034	0.000	0.005	1570-64-5	Pestizid	Herbizid	phenoxy herbicides	Mecoprop
EINZELSTOFFE	1M_MS	SQ_4-Isopropylanilin	µg/L	0.01	351	34	0.000	0.003	0.008	0.143	0.000	0.005	99-88-7	Pestizid	Herbizid	urea herbicides	Isoproturon
EINZELSTOFFE	1M_MS	SQ_Benzothiazol	µg/L	0.02	288	18	0.000	0.003	0.014	0.076	0.000	0.013	95-16-9	Additiv			
EINZELSTOFFE	1M_MS	SQ_Benzotriazol	µg/L	0.01	365	365	0.088	0.213	0.213	0.432	0.234	0.234	95-14-7	Korrosionsschutzmittel	corrosion inhibitor		
EINZELSTOFFE	1M_MS	SQ_Coffein	µg/L	0.02	358	229	0.000	0.038	0.043	0.201	0.046	0.052	58-08-2	Tracer	NERVOUS SYSTEM	PSYCHOANALEPTICS	
EINZELSTOFFE	1M_MS	SQ_Tetraglyme	µg/L	0.02	309	4	0.000	0.000	0.010	0.028	0.237	0.241	143-24-8	Industriechemikalie			
EINZELSTOFFE	1M_MS	SQ_Triphenylphosphinoxid	µg/L	0.01	365	335	0.000	0.049	0.050	0.641	0.117	0.117					

Methoden-Gruppe	Material-Art	Komponent	Einheit	Bestimmungs-Grenze	Anzahl Messungen	Anzahl pos. Messungen	MinWert	MittelWert Monat	IKSR-MW	MaxWert	MittelWert Jahr 2013	IKSR-MW Jahr 2013	CAS-No	Wirkstoffgruppe	Classification-Level1	Classification-Level2	Metabolit_von
PESTIZIDE	1M_MS	SQ_Atrazin	µg/L	0.005	365	111	0.000	0.002	0.004	0.042	0.004	0.005	1912-24-9	Pestizid	Herbizid	triazine herbicides	
PESTIZIDE	1M_MS	SQ_Carbenazim	µg/L	0.001	365	365	0.003	0.009	0.009	0.033	0.008	0.008	10605-21-7	Biozid	Fungizid	benzimidazole fungicides	
PESTIZIDE	1M_MS	SQ_Chlorotoluron	µg/L	0.001	365	36	0.000	0.001	0.002	0.059	0.003	0.004	15545-48-9	Pestizid	Herbizid	phenylurea herbicides	
PESTIZIDE	1M_MS	SQ_Cyproconazol	µg/L	0.005	362	13	0.000	0.000	0.003	0.010	0.009	0.010	94361-06-5	Pestizid	Fungizid	conazole fungicides	
PESTIZIDE	1M_MS	SQ_Cyprodinil	µg/L	0.01	288	1	0.000	0.000	0.005	0.010	0.000	0.005	121552-61-2	Pestizid	Fungizid	pyrimidine fungicides	
PESTIZIDE	1M_MS	SQ_Deet	µg/L	0.001	365	365	0.001	0.008	0.008	0.056	0.015	0.015	134-62-3	Biozid	insect repellents		
PESTIZIDE	1M_MS	SQ_Diazinon	µg/L	0.003	365	17	0.000	0.001	0.002	0.053	0.001	0.002	333-41-5	Pestizid	Insektizid	organophosphorus insecticides	
PESTIZIDE	1M_MS	SQ_Dimethenamid	µg/L	0.001	365	11	0.000	0.000	0.001	0.008	0.003	0.004	87674-68-8	Pestizid	Herbizid	amide herbicides	
PESTIZIDE	1M_MS	SQ_Dimethenamid	µg/L	0.01	365	11	0.000	0.000	0.001	0.008	0.003	0.004	87674-68-8	Pestizid	Herbizid	amide herbicides	
PESTIZIDE	1M_MS	SQ_Diuron	µg/L	0.005	365	211	0.000	0.004	0.006	0.018	0.007	0.008	330-54-1	Biozid	Herbizid	urea herbicides	
PESTIZIDE	1M_MS	SQ_Flufenacet	µg/L	0.01	365	1	0.000	0.000	0.005	0.010	0.000	0.005	142459-58-3	Pestizid	Herbizid	amide herbicides	
PESTIZIDE	1M_MS	SQ_Isoproturon	µg/L	0.001	365	364	0.000	0.006	0.006	0.061	0.005	0.005	34123-59-6	Pestizid	Herbizid	urea herbicides	
PESTIZIDE	1M_MS	SQ_MCPA	µg/L	0.005	365	33	0.000	0.001	0.003	0.021	0.004	0.006	94-74-6	Pestizid	Herbizid	phenoxy herbicides	
PESTIZIDE	1M_MS	SQ_Metazachlor	µg/L	0.01	365	1	0.000	0.000	0.005	0.010	0.000	0.005	67129-08-2	Pestizid	Herbizid	amide herbicides	
PESTIZIDE	1M_MS	SQ_Metolachlor	µg/L	0.005	365	215	0.000	0.005	0.006	0.028	0.004	0.006	51218-45-2	Pestizid	Herbizid	amide herbicides	
PESTIZIDE	1M_MS	SQ_Propiconazol	µg/L	0.01	365	3	0.000	0.000	0.005	0.025	0.000	0.005	60207-90-1	Biozid	Fungizid	conazole fungicides	
PESTIZIDE	1M_MS	SQ_Summe Acetochlor und Alachlor	µg/L	0.01	365	4	0.000	0.000	0.005	0.029	0.000	0.005					
PESTIZIDE	1M_MS	SQ_Summe Acetochlor-ESA und Alachlor-ESA	µg/L	0.01	344	7	0.000	0.001	0.005	0.032	0.000	0.005					
PESTIZIDE	1M_MS	SQ_Summe Mecoprop und Clofibrinsaeure	µg/L	0.005	365	185	0.000	0.007	0.009	0.264	0.008	0.009					
PESTIZIDE	1M_MS	SQ_Summe Simazin und Desethylterbutylazin	µg/L	0.01	351	1	0.000	0.000	0.005	0.013	0.000	0.005					
PESTIZIDE	1M_MS	SQ_Summe Terbutylazin und Propazin	µg/L	0.003	365	236	0.000	0.004	0.005	0.028	0.004	0.004					
PESTIZIDE	1M_MS	SQ_Summe Terbutryn und Prometryn	µg/L	0.002	365	4	0.000	0.000	0.001	0.003	0.000	0.001					
PESTIZIDE	1M_MS	SQ_Triclosan	µg/L	0.01	365	4	0.000	0.000	0.005	0.014	0.000	0.005	3380-34-5	Biozid	biocide		
METABOLITE	1M_MS	SQ_4-Formyl-aminoantipyrin	µg/L	0.01	365	365	0.010	0.036	0.036	0.093	0.021	0.022					
METABOLITE	1M_MS	SQ_Atenololsaeure	µg/L	0.01	365	365	0.012	0.042	0.042	0.110	0.040	0.040					
METABOLITE	1M_MS	SQ_Azoxystrobinsaeure	µg/L	0.001	351	23	0.000	0.000	0.001	0.007	0.000	0.001					
METABOLITE	1M_MS	SQ_Carbamazepin-10,11-dihydro-10,11-dihydroxy	µg/L	0.005	372	372	0.015	0.034	0.034	0.071	0.031	0.031					
METABOLITE	1M_MS	SQ_Desamino-metamitron	µg/L	0.002	365	98	0.000	0.003	0.004	0.030	0.002	0.003					
METABOLITE	1M_MS	SQ_Desethylatrazin	µg/L	0.005	365	52	0.000	0.001	0.003	0.008	0.004	0.005					
METABOLITE	1M_MS	SQ_Fipronil-Sulfon	µg/L	0.01	365	1	0.000	0.000	0.005	0.017	0.000	0.005	120068-36-2	Pestizid	Insektizid	pyrazole insecticides	Fipronil
METABOLITE	1M_MS	SQ_Flufenacet-ESA	µg/L	0.01	358	3	0.000	0.000	0.005	0.014	0.000	0.005	201668-32-8	Pestizid	Herbizid	amide herbicides	Flufenacet
METABOLITE	1M_MS	SQ_Galaxolidon	µg/L	0.02	358	19	0.000	0.001	0.011	0.029	0.000	0.010	256393-37-0	Personal Care Product	fragrance	polycyclic musk fragrance	Galaxolid
METABOLITE	1M_MS	SQ_Metazachlor-ESA	µg/L	0.01	365	136	0.000	0.006	0.009	0.044	0.004	0.007	172960-62-2	Pestizid	Herbizid	amide herbicides	Metazachlor
METABOLITE	1M_MS	SQ_Metolachlor-ESA	µg/L	0.005	365	353	0.000	0.017	0.017	0.069	0.013	0.014	171118-09-5	Pestizid	Herbizid	amide herbicides	Metolachlor
METABOLITE	1M_MS	SQ_Metolachlor-Morpholinon	µg/L	0.005	365	105	0.000	0.002	0.004	0.015	0.001	0.003	120375-14-6	Pestizid	Herbizid	amide herbicides	Metolachlor
METABOLITE	1M_MS	SQ_Metolachlor-OXA	µg/L	0.005	365	80	0.000	0.002	0.004	0.019	0.001	0.003	152019-73-3	Pestizid	Herbizid	amide herbicides	Metolachlor
METABOLITE	1M_MS	SQ_N-Acetyl-4-aminoantipyrin	µg/L	0.01	365	365	0.012	0.099	0.099	0.202	0.156	0.156					
METABOLITE	1M_MS	SQ_Oseltamivir-carboxylat	µg/L	0.01	351	1	0.000	0.000	0.005	0.011	0.000	0.005	187227-45-8	Pharmazetika	ANTIINFECTIVES FOR SYSTEMIC USE	ANTIVIRALS FOR SYSTEMIC USE	Oseltamivir
METABOLITE	1M_MS	SQ_Propachlor-ESA	µg/L	0.01	365	11	0.000	0.001	0.005	0.073	0.000	0.005	123732-85-4	Pestizid	Herbizid	amide herbicides	Propachlor
METABOLITE	1M_MS	SQ_Summe 5-Methyl-Benzotriazol und 1-Methylbenzotriazol und 2-Aminobenzimidazol	µg/L	0.005	351	351	0.040	0.144	0.144	0.490	0.143	0.143					
METABOLITE	1M_MS	SQ_Summe Alachlor-ESA und Acetochlor-ESA	µg/L	0.01	344	7	0.000	0.001	0.005	0.032	0.000	0.005					
METABOLITE	1M_MS	SQ_Summe Alachlor-OXA und Acetochlor-OXA	µg/L	0.01	337	12	0.000	0.001	0.006	0.048	0.000	0.005					
METABOLITE	1M_MS	SQ_Summe Carbamazepin-10,11-epoxid und Oxcarbazepin	µg/L	0.01	364	13	0.000	0.000	0.005	0.013	0.000	0.005					
METABOLITE	1M_MS	SQ_Summe O,N-Didesvenlafaxin und N,N-Didesvenlafaxin	µg/L	0.01	344	10	0.000	0.002	0.007	0.294	0.000	0.005					
METABOLITE	1M_MS	SQ_Valsartansaeure	µg/L	0.01	365	365	0.011	0.034	0.034	0.111	0.021	0.021	137862-53-4				