FAISABILITE ANALYTIQUE DE LA CAMPAGNE EXCEPTIONNELLE « EAUX DE SURFACE »

RAPPORT DE SYNTHESE DOCUMENTAIRE INCLUANT DES PROPOSITIONS DE LIMITES DE QUANTIFICATION

Action II-A-01 : Amélioration des connaissances sur les substances émergentes

F. Lestremau

Janvier 2012

Programme scientifique et technique
Année 2011

Document final

Avec l'approbation de

et le soutien de

Contexte de programmation et de réalisation

Ce rapport a été réalisé dans le cadre du programme d'activité AQUAREF pour l'année 2011 dans le cadre du partenariat ONEMA – Aquaref 2011, au titre de l'action II-A-01.

Auteur(s) :

François Lestremau
INERIS
francois.lestremau@ineris.fr

Vérification du document :

La validation des propositions du document a été conduite au travers des réunions du GT « analyse campagne exceptionnelle ».

Les correspondants

Onema : Pierre-François Staub
pierrefrancois.staub@onema.fr

INERIS : François Lestremau

Référence du document : François Lestremau – Faisabilité analytique de la campagne exceptionnelle « eaux de surface » – Rapport AQUAREF 2011 – 11 p.

Droits d'usage :	***Accès libre***
Couverture géographique :	***Nationale***
Niveau géographique :	
Niveau de lecture :	***Professionnels, experts***
Nature de la ressource :	***Document***

SOMMAIRE

Liste des annexes :

FAISABILITE ANALYTIQUE DE LA CAMPAGNE EXCEPTIONNELLE « EAUX DE SURFACE »
FRANÇOIS LESTREMAU

RESUME

Ce rapport retrace les différentes étapes mises en oeuvre pour la recherche des limites de quantification des substances d'intérêt pour la campagne exceptionnelle. Les résultats sont présentés dans les tableaux annexes.

Mots clés (thématique et géographique) :

Campagne exploratoire, limite de quatification, substances émergentes, mesure

ANALYTICAL FEASIBILITY OF THE EXPLORATORY ANALYTICAL CAMPAIGN DEDICATED TO"SURFACE WATERS".
FRANÇOIS LESTREMAU

ABSTRACTS

This report summerises the differents steps in the search for limits of quantification of substances of interest to the exploratory analystical campaign. The results are presented in the attached tables.

Key words (thematic and geographical area) :

Exploratory analytical campain, measurement, emerging substances, quantification limits.

PRÉAMBULE

Le présent rapport a été établi sur la base des informations fournies à l'INERIS, des données (scientifiques ou techniques) disponibles et objectives et de la réglementation en vigueur.

La responsabilité de l'INERIS ne pourra être engagée si les informations qui lui ont été communiquées sont incomplètes ou erronées.

Les avis, recommandations, préconisations ou équivalent qui seraient portés par l'INERIS dans le cadre des prestations qui lui sont confiées, peuvent aider à la prise de décision. Etant donné la mission qui incombe à l'INERIS de par son décret de création, l'INERIS n'intervient pas dans la prise de décision proprement dite. La responsabilité de l'INERIS ne peut donc se substituer à celle du décideur.

Le destinataire utilisera les résultats inclus dans le présent rapport intégralement ou sinon de manière objective. Son utilisation sous forme d'extraits ou de notes de synthèse sera faite sous la seule et entière responsabilité du destinataire. Il en est de même pour toute modification qui y serait apportée.

L'INERIS dégage toute responsabilité pour chaque utilisation du rapport en dehors de la destination de la prestation.

1 .

	Rédaction	Vérification	Approbation
NOM	François LESTREMAU	Olivier AGUERRE-CHARIOL	Nicolas ALSAC
Qualité	Ingénieur au Pôle « Caractérisation de l'Environnement » Direction des Risques Chroniques	Responsable de l'Unité « Innovation pour la Mesure » Direction des Risques Chroniques	Responsable du Pôle « Caractérisation de l'Environnement » Direction des Risques Chroniques
Visa			

1. CONTEXTE

Le plan d'action national pour lutter contre la pollution des milieux aquatiques publié en octobre 2010 prévoit, dans son action 16, la mise à jour des listes de substances qui doivent faire l'objet d'une surveillance. Par ailleurs, le plan national sur les résidus de médicaments publié en mai 2011, prévoit une étude prospective permettant de rechercher des résidus de médicaments dans les eaux.

C'est dans ce cadre que la direction de l'eau et de la biodiversité (DEB) du MEDDTL a initié pour 2012 une étude prospective dans les eaux de surface (continentales et littorales) de métropole et des DOM, et dans les eaux souterraines des DOM (une étude similaire dans les eaux souterraines de métropole s'est déroulée en 2010-2011).

Les principaux objectifs de cet exercice sont les suivants :

- acquérir des connaissances, représentatives à l'échelle nationale, sur la présence de "polluants émergents",
- disposer de données complémentaires sur des molécules déjà surveillées, mais dont les matrices sur lesquelles s'opère aujourd'hui la surveillance ne sont pas pertinentes ou alors pour lesquelles les limites de quantification de la surveillance méritent des examens complémentaires.

Il s'agit donc d'une opération de recherche et développement d'ampleur nationale. Elle permettra d'identifier les substances à enjeu en matière de développement de connaissances toxicologiques et écotoxicologiques des substances et de techniques analytiques. Cette démarche d'étude prospective permet de contribuer aux réflexions sur les futurs programmes de surveillance.

La sélection des substances qui feront l'objet de cette étude prospective est le résultat d'un exercice de hiérarchisation qui a été réalisé à partir d'une liste initiale de 2400 molécules environ.

Les principaux critères utilisés pour la hiérarchisation ont été : l'intensité de recherche de ces molécules dans les milieux aquatiques au cours des dernières années et la pertinence des matrices considérées, la fréquence de quantification des molécules à des limites de quantification (LOQ) compatibles avec les valeurs seuils au regard de leur toxicité/écotoxicité (PNEC), la catégorie d'usage des molécules, leurs propriétés intrinsèques (toxicité et écotoxicité, effets néfastes connus).

L'adéquation entre la performance des méthodes analytiques disponibles et le niveau de concentration auquel la substance est susceptible de présenter des effets sur les écosystèmes (i.e. LOQ vs PNEC) représente un critère important dans la procédure de sélection des substances pour cette étude prospective.

Si la substance n'est pas quantifiée ou peu fréquemment quantifiée (i.e. les données bancarisées disponibles sont toutes ou en grande partie < LOQ) et la valeur de LOQ associée est supérieure à la valeur de la PNEC il n'est pas possible d'exclure la possible présence de la substance dans le milieu aquatique à des valeurs de concentration supérieures à la PNEC.

Les indicateurs utilisés à ce propos (cf. arbre décisionnel pour la catégorisation des substances) sont :

- le ratio entre les valeurs de LOQmin / max / 90th percentile associées aux données bancarisées disponibles pour la substance en question et la valeur de la PNEC,
- le ratio entre les valeurs de LOQmin / max / 90th percentile associées aux méthodes analytiques disponibles pour la substance en question et la valeur de la PNEC.

Le premier indicateur est utilisé pour vérifier si les données non quantifiées (i.e. < LOQ) disponibles pour une substance donnée sont suffisantes / satisfaisantes pour conclure sur le niveau d'exposition pour cette substance.

Le deuxième indicateur est utilisé pour vérifier la faisabilité analytique pour une substance donnée (disponibilité de méthodes qui permettent de quantifier la molécule à un niveau de concentration inférieure (ou égale) à la valeur de la PNEC).

Dans le cadre de cet exercice, l'INERIS a été chargé de rechercher des limites de quantification retrouvées dans la littérature pour les molécules de la liste initiale.

Des limites de quantifications non publiées provenant de partenaires extérieurs sont venues compléter cette liste.

Toutes ces informations ont ensuite été récapitulées dans un tableau présenté dans ce rapport et utilisées pour évaluer la faisabilité analytique des substances identifiées pour la campagne exceptionnelle.

Ce travail de recherche des limites de quantification dans la littérature représente également une étape fondamentale dans l'exercice de sélection et de hiérarchisation des molécules qui feront l'objet d'actions futures dans le cadre du programme d'AQUAREF au niveau de développement et validation de méthodes analytiques. Dans le cadre des réflexions sur les futurs programmes de surveillance il est prévu d'identifier les molécules d'intérêt prioritaire pour la mise en adéquation des performances des méthodes analytiques avec les valeurs seuils de protection environnementale (PNEC).

2. SOURCES BIBLIOGRAPHIQUES

Une liste de 2400 substances candidates a d'abord été établie. Sur toutes ces substances, la moitié avait une valeur de PNEC connue.

La recherche des limites de quantification a principalement été effectuée sur les substances de la liste dont la PNEC était connue.

Cette recherche avait pour but de déterminer :

- si des laboratoires de recherche, à travers les travaux publiés dans des journaux de référence, avaient effectué des travaux sur les molécules identifiées dans la liste des substances potentiellement candidates pour la campagne exceptionnelle, puis
- si les LQ obtenues pouvaient atteindre la PNEC pour ces molécules.

Préalablement, Les substances ont été, en fonction de leurs propriétés physico-chimiques (log K_{ow}), triées selon leur probabilité de présence dans une matrice eau, sédiment ou les deux. Ainsi, lors de l'étude bibliographique des limites de quantification, la recherche de documents relatifs à la matrice dans laquelle la substance recherchée est majoritairement présente a été privilégiée.

L'identification de travaux rapportant des limites de détection (LD) et de quantification (LQ) a été effectuée en utilisant le site « ISI web of knowledge ».

Le schéma de recherche comprenait le nom de la substance considérée, associé aux mots-clé « analysis » et « water », « sediments », « biota » ou « fish » dans le champ « topic ». Pour les recherches n'ayant pas fourni de résultats, une seconde recherche était effectuée avec les mêmes mots clés mais en omettant le terme « analysis ».

Dans ISI, une recherche utilisant le champ « topic » est effectuée dans le titre mais également dans le corps des textes : ceci garantit l'exhaustivité des résultats de ce protocole.

La liste des publications obtenues dans ISI a ensuite été considérée suivant leur titre et éventuellement leur abstract. Les publications retenues étaient ensuite consultées individuellement afin de vérifier :

- si des valeurs de LD ou de LQ avaient été déterminées,
- si les valeurs de LD ou de LQ correspondaient aux critères fixés (validation en matrice par exemple),
- quel type de matrice/échantillon avait été précisément analysé (eaux filtrées ou eaux brutes par exemple).

Pour certaines substances, plusieurs valeurs de LQ provenant de différentes publications étaient disponibles. Dans de tels cas, les valeurs de LQ les plus basses étaient retenues.

Dans certains cas où plusieurs valeurs étaient également disponibles, les moyens analytiques mis en œuvre ont été examinés. Ainsi les résultats obtenus avec des techniques répandues (et commercialement disponibles) ont été privilégiées par rapport aux techniques moins accessibles (par exemple : une technique de préconcentration d'échantillon avec fibre SPME spécialement fabriquée pour une application n'est pas représentative de la capacité analytique de la majorité des laboratoires).

Dans les cas dans lequel aucune recherche n'avait abouti (pas de travaux sur cette substance ou pas de données de LQ disponibles), cela était indiqué sous l'appellation « not found ».

Les différents résultats suite à cette recherche sont exposés en annexe 1.

3. AUTRES SOURCES (PROGRAMME PARTENAIRES)

Dans un deuxième temps, des LQ provenant de partenaires au sein du réseau Norman ou d'Aquaref ont fourni des valeurs complémentaires sur certaines substances de la liste. Ces données sont présentées en annexe 2 associées aux noms des organismes contributeurs.

ANNEXE 1

Recherche bibliographique des limites de quantifications obtenues dans la littérature

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
(Galaxolide) 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylin-deno[5,6-c]pyran (Galaxolide)	1222-05-5	water	drinking water		2009	0,0250		µg/L	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
17 alpha-Ethinyloestradiol	57-63-6	water	drinking water		2009	0,0010		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
17-beta-Estradiol	50-28-2	water	drinking water		2009	0,0005		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
Acetaminophen (paracetamol)	103-90-2	water	freshwater	filtered water	2006	0,0085		µg/l	*Environ. Sci. Technol.*, **2006**, *40* (17), pp 5282–5288
Amitryptiline	50-48-6	water	freshwater	filtered water	2006	0,0022		µg/l	*Environ. Sci. Technol.*, **2006**, *40* (17), pp 5282–5288
Atenolol	29122-68-7	water	drinking water		2009	0,0003		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
Bisphenol A	80-05-7	water	drinking water		2009	0,0050		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
Butalbital	77-26-9	water	freshwater	filtered water	2006	0,0050		µg/l	*Environ. Sci. Technol.*, **2006**, *40* (23), pp 7200–7206
Caffeine	58-08-2	water	freshwater	filtered water	2006	0,0025		µg/l	*Environ. Sci. Technol.*, **2006**, *40* (17), pp 5282–5288
Cefazoline	25953-19-9	water	wastewater effluent	filtered water	2009	0,0409		µg/l	**Analytica Chimica Acta** Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Chlortetracycline	57-62-5	water	wastewater effluent	filtered water	2008	0,0610		µg/l	**Journal of Chromatography A** Volume 1202, Issue 2, 22 August 2008, Pages 173-180
Ciprofloxacin	85721-33-1	water	wastewater effluent	filtered water	2009	0,0043		µg/l	**Analytica Chimica Acta** Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Cocaine	50-36-2	water	freshwater	filtered water	2011	0,0001	0,0001	µg/l	JOURNAL OF CHROMATOGRAPHY A Volume: 1218 Issue: 12 Pages: 1620-1631 Published: 2011
Codeine	76-57-3	water	freshwater	filtered water	2011	0,0001	0,0005	µg/l	JOURNAL OF CHROMATOGRAPHY A Volume: 1218 Issue: 12 Pages: 1620-1631 Published: 2011
Diazepam	439-14-5	water	freshwater	filtered water	2011	0,0001	0,0005	µg/l	JOURNAL OF CHROMATOGRAPHY A Volume: 1218 Issue: 12 Pages: 1620-1631 Published: 2011
Dihydrocodeine	125-28-0	water	freshwater	filtered water	2011	0,0001	0,0005	µg/l	JOURNAL OF CHROMATOGRAPHY A Volume: 1218 Issue: 12 Pages: 1620-1631 Published: 2011
Erythromycin	114-07-8	water	wastewater effluent	filtered water	2009	0,0003		µg/l	**Analytica Chimica Acta** Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Estriol	50-27-1	water	wastewater effluent	filtered water	2010	0,0001		µg/l	**Journal of Chromatography A** Volume 1217, Issue 52, 24 December 2010, Pages 8327-8333
Estrone	53-16-7	water	wastewater effluent	filtered water	2010	0,0001		µg/l	**Journal of Chromatography A** Volume 1217, Issue 52, 24 December 2010, Pages 8327-8333
Fenoprofen	31879-05-7	water	freshwater	filtered water	2009		0,0049	µg/l	**Journal of Chromatography A** Volume 1216, Issue 12, 20 March 2009, Pages 2288-2301
Fluoxetine	54910-89-3	water	drinking water		2009	0,0005		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
Gemfibrozil	25812-30-0	water	freshwater	filtered water	2006	0,0003		µg/l	*Environ. Sci. Technol.*, **2006**, *40* (17), pp 5282–5288

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Heroin	561-27-3	water	freshwater	filtered water	2011	0,0050	0,01	µg/l	JOURNAL OF CHROMATOGRAPHY A Volume: 1218 Issue: 12 Pages: 1620-1631 Published: 2011
Imapramine	50-49-7	water	freshwater	filtered water	2006	0,0012		µg/l	*Environ. Sci. Technol.*, **2006**, *40* (17), pp 5282–5288
Iopromide	73334-07-3	water	drinking water		2005	0,5800		µg/l	**Journal of Chromatography A** Volume 1085, Issue 1, 26 August 2005, Pages 117-123
Ketoprofen	22071-15-4	water	freshwater	filtered water	2006	0,0007		µg/l	*Environ. Sci. Technol.*, **2006**, *40* (17), pp 5282–5288
Metolachlor	51218-45-2	water	drinking water		2009	0,0100		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
Naproxen	22204-53-1	water	freshwater	filtered water	2006	0,0010		µg/l	*Environ. Sci. Technol.*, **2006**, *40* (17), pp 5282–5288
Norfloxacin	70458-96-7	water	wastewater effluent	filtered water	2009	0,0050		µg/l	**Analytica Chimica Acta** Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Ofloxacin	82419-36-1	water	wastewater effluent	filtered water	2009	0,0028		µg/l	**Analytica Chimica Acta** Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Oxytetracycline	79-57-2	water	wastewater effluent	filtered water	2008	0,0910		µg/l	**Journal of Chromatography A** Volume 1202, Issue 2, 22 August 2008, Pages 173-180
Propranolol	525-66-6	water	freshwater	filtered water	2009		0,0269	µg/l	**Journal of Chromatography A** Volume 1216, Issue 12, 20 March 2009, Pages 2288-2301
Ranitidine	66357-35-5	water	freshwater	filtered water	2010		0,005	µg/l	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 398 Issue: 5 Pages: 2211-2222 Published: NOV 2010
Roxithromycin	80214-83-1	water	wastewater effluent	filtered water	2009	0,0003		µg/l	**Analytica Chimica Acta** Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Sulfadiazine	68-35-9	water	wastewater effluent	filtered water	2009	0,0010		µg/l	**Analytica Chimica Acta** Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Sulfadimethoxin	122-11-2	water	wastewater effluent	filtered water	2008	0,0100		µg/l	**Journal of Chromatography A** Volume 1202, Issue 2, 22 August 2008, Pages 173-180
Sulfamethazine	57-68-1	water	wastewater effluent	filtered water	2008	0,0180		µg/l	**Journal of Chromatography A** Volume 1202, Issue 2, 22 August 2008, Pages 173-180
Sulfamethoxazole	723-46-6	water	drinking water		2009	0,0025		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
TCEP	51805-45-9	water	drinking water		2009	0,0500		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
Tetracycline	60-54-8	water	wastewater effluent	filtered water	2008	0,0450		µg/l	**Journal of Chromatography A** Volume 1202, Issue 2, 22 August 2008, Pages 173-180
Triclosan	3380-34-5	water	drinking water		2009	0,0010		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
Trimethoprim	738-70-5	water	drinking water		2009	0,0003		µg/l	*Environ. Sci. Technol.*, **2009**, *43* (3), pp 597–603
Triphenyl phosphate	115-86-6	water	drinking water		2007		0,05	µg/l	**Journal of Chromatography A,** Volume 1166, Issues 1-2, 28 September 2007, Pages 9-15
2,2',3,3',4,4',5,5',6,6'-Decabromodiphenyl ether (BDE-209)	1163-19-5	biota	fish		2010		0,00017	µg/kg	**Analytica Chimica Acta** Volume 675, Issue 2, 24 August 2010, Pages 97-105
4-Nonylphenol, branched	84852-15-3	water	freshwater	filtered water	2007	0,0100		µg/l	**Chemosphere** Volume 66, Issue 4,January 2007, Pages 690-699
6:2 FTOH	647-42-7	water	freshwater	filtered water	2009	0,0005		µg/l	**Chemosphere** Volume 74, Issue 3, January 2009, Pages 467-47

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
BDE-85	182346-21-0	biota	fish		2010		0,004	µg/kg	**Analytica Chimica Acta** Volume 675, Issue 2, 24 August 2010, Pages 97-105
Dibromoacetonitrile	3252-43-5	water	drinking water		2002	0,0200		µg/l	**Talanta** Volume 56, Issue 4, 11 March 2002, Pages 717-726
Ethyl-paraben	120-47-8	water	freshwater	filtered water	2009	0,0500		µg/l	**Journal of Chromatography A,** Volume 1216, Issue 42, 16 October 2009, Pages 6994-7000
Methyl-paraben	99-76-3	water	freshwater	filtered water	2009	0,0200		µg/l	**Journal of Chromatography A,** Volume 1216, Issue 42, 16 October 2009, Pages 6994-7000
Propyl-paraben	94-13-3	water	freshwater	filtered water	2009	0,0500		µg/l	**Journal of Chromatography A,** Volume 1216, Issue 42, 16 October 2009, Pages 6994-7000
(1-Hydroxy-iso-propyl)acetophenone	1634-36-2	not found	not found						
1,1,1,3,3-Pentachloropropanone	1768-31-6	not found	not found						
1,1,1,3-Tetrachloropropanone	16995-35-0	not found	not found						
1,1,3,3-Tetrachloropropanone	632-21-3	not found	not found						
1,1,3-Trichloropropanone	921-03-9	not found	not found						
1,1-Dichloro-2,2-diethoxyethane	619-33-0	not found	not found						
1,1-Dimethyl-2-phenethylacetate	151-05-3	not found	not found						
1,2,3-Trichloropropene (TRCP)	96-19-5	not found	not found						
1,2,3-Trimethyl-1H-indene	4773-83-5	not found	not found						
1,3,3-Trimethyl-2-oxoindol	118-12-7	not found	not found						
1,3-Bis(1,1-dimethylethyl)-benzene	1014-60-4	not found	not found						
1,3-Dichloroketone	534-07-6	not found	not found						
1,3-Dinitropyrene	75321-20-9	not found	not found						
1,4-Bis(phenylmethyl) benzene	793-23-7	not found	not found						
1,6-Dinitropyrene	42397-64-8	not found	not found						
1,8-Dinitropyrene	42397-65-9	not found	not found						
10:2 FTOH	865-86-1	water	freshwater		2009		0,0002	µg/L	Chemosphere Volume 74, Issue 3, January 2009, Pages 467-472
12:2 FTOH	39239-77-5	not found	not found						
1-Decanol	112-30-1	not found	not found						
1H-Indole	8047-67-4	not found	not found						
1-Phenyl-1,3,3-trimethylindane	3910-35-8	not found	not found						
2-(2-(4-Nonylphenoxy)ethoxy)acetic acid (NPE2C)	106807-78-7	water	wastewater effluent	filtered water	2003	0,002	0,006	µg/L	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 14 Issue: 5 Pages: 516-527 Published: MAY 2003
2-(2-Naphthalenyl)benzothiophene	17164-77-1	not found	not found						
2-(Methylthio)benzothiazol	615-22-5	not found	not found						
2,2',3,4,4',5',6-Heptabromodiphenyl ether (BDE-183)	207122-16-5	biota	biota	fish	2010		0,01	µg/kg ww	Analytica Chimica Acta Volume 675, Issue 2, 24 August 2010, Pages 97-105
2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-153)	68631-49-2	biota	biota	fish	2010		0,008	µg/kg ww	Analytica Chimica Acta Volume 675, Issue 2, 24 August 2010, Pages 97-106

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-153)	68631-49-2	water	freshwater		2009		0,0013	µg/L	Journal of Chromatography A Volume 1216, Issue 36, 4 September 2009, Pages 6400-6409
2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-153)	68631-49-2	water	freshwater		2006		0,018	µg/L	Analytica Chimica Acta Volume 569, Issues 1-2, 31 May 2006, Pages 113-118
2,2',4,4',5,6'-Hexabromodiphenyl ether (BDE-154)	207122-15-4	biota	biota	fish	2010		0,006	µg/kg ww	Analytica Chimica Acta Volume 675, Issue 2, 24 August 2010, Pages 97-107
2,2',4,4',5,6'-Hexabromodiphenyl ether (BDE-154)	207122-15-4	water	freshwater		2009		0,0002	µg/L	Journal of Chromatography A Volume 1216, Issue 36, 4 September 2009, Pages 6400-6409
2,2',4,4',5,6'-Hexabromodiphenyl ether (BDE-154)	207122-15-4	water	freshwater		2006		0,032	µg/L	Analytica Chimica Acta Volume 569, Issues 1-2, 31 May 2006, Pages 113-118
2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)	60348-60-9	biota	biota	fish	2010		0,006	µg/kg ww	Analytica Chimica Acta Volume 675, Issue 2, 24 August 2010, Pages 97-108
2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)	60348-60-9	water	freshwater		2009		0,0033	µg/L	Journal of Chromatography A Volume 1216, Issue 36, 4 September 2009, Pages 6400-6409
2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)	60348-60-9	water	freshwater		2006		0,013	µg/L	Analytica Chimica Acta Volume 569, Issues 1-2, 31 May 2006, Pages 113-118
2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)	189084-64-8	biota	biota	fish	2010		0,004	µg/kg ww	Analytica Chimica Acta Volume 675, Issue 2, 24 August 2010, Pages 97-109
2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)	189084-64-8	water	freshwater		2009		0,0014	µg/L	Journal of Chromatography A Volume 1216, Issue 36, 4 September 2009, Pages 6400-6409
2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)	189084-64-8	water	freshwater		2006		0,026	µg/L	Analytica Chimica Acta Volume 569, Issues 1-2, 31 May 2006, Pages 113-118
2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	5436-43-1	biota	biota	fish	2010		0,009	µg/kg ww	Analytica Chimica Acta Volume 675, Issue 2, 24 August 2010, Pages 97-110
2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	5436-43-1	water	freshwater		2009		0,0203	µg/L	Journal of Chromatography A Volume 1216, Issue 36, 4 September 2009, Pages 6400-6409
2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	5436-43-1	water	freshwater		2006		0,001	µg/L	Analytica Chimica Acta Volume 569, Issues 1-2, 31 May 2006, Pages 113-118
2,2',4,5'-Tetrabromodiphenylether (BDE-49)	60044-24-8	biota	biota	fish	2010		0,002	µg/kg ww	Analytica Chimica Acta Volume 675, Issue 2, 24 August 2010, Pages 97-105
2,2-Dichloroacetamide	683-72-7	not found	not found						
2,3,5-Tribromopyrrole	74039-30-8	not found	not found						
2,3-Diethyl-2,3-dimethylsuccinonitrile	85688-81-9	not found	not found						
2,3-Dihydro-1-methyl-1H-indol	61-70-1	not found	not found						
2,4,4'-tribromodiphenylether (BDE-28)	41318-75-6	biota	biota	fish	2010		0,002	µg/kg ww	Analytica Chimica Acta Volume 675, Issue 2, 24 August 2010, Pages 97-110
2,4,4'-tribromodiphenylether (BDE-28)	41318-75-6	water	freshwater		2006		0,001	µg/L	Analytica Chimica Acta Volume 569, Issues 1-2, 31 May 2006, Pages 113-118
2,4,6-Tribromoanisole	607-99-8	water	freshwater		2005	0,000	0,00027	µg/L	Journal of Chromatography A Volume 1064, Issue 1, 28 January 2005, Pages 97-106
2,4,6-Tribromoanisole	607-99-8	water	freshwater		2009	0,000	0,0003	µg/L	Journal of Chromatography A Volume 1216, Issue 3, 16 January 2009, Pages 334-345
2,4,6-Tribromoanisole	607-99-8	water	freshwater		2008		0,0005	µg/L	Journal of Chromatography A Volumes 1198-1199, 11 July 2008, Pages 21-26

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
2,4,6-Tribromoanisole	607-99-8	water	ground-/drinking water		2008		0,00023	µg/L	Talanta Volume 75, Issue 3, 15 May 2008, Pages 753-759
2,4,6-Tribromophenol	118-79-6	water	ground-/drinking water		2006		0,0025	µg/L	Journal of Chromatography A Volume 1124, Issues 1-2, 18 August 2006, Pages 11-21
2,4,6-Tribromophenol	118-79-6	water	ground-/drinking water		2008		0,00001	µg/L	Talanta Volume 75, Issue 3, 15 May 2008, Pages 753-759
2,4,6-Trichloroanisole	87-40-1	water	ground-/drinking water		2008		0,0001	µg/L	Talanta Volume 75, Issue 3, 15 May 2008, Pages 753-759
2,4-Dibromoanisole	21702-84-1	water	freshwater		2009	0,001	0,0042	µg/L	Journal of Chromatography A Volume 1216, Issue 3, 16 January 2009, Pages 334-345
2,4-Dichloroanisole	553-82-2	water	freshwater		2008		0,01	µg/L	Journal of Chromatography A Volumes 1198-1199, 11 July 2008, Pages 21-26
2,4-Dichlorotoluene	95-73-8	not found	not found						
2,4-Dihydroxybenzophenone	131-56-6	water	freshwater	filtered water	2009	0,050	0,15	µg/L	**Journal of Chromatography A,** Volume 1216, Issue 42, 16 October 2009, Pages 6994-7000
2,6-Dichloroanisole	1984-65-2	not found	not found						
2,6-Diethoxytetrahydropyran	3149-12-0	not found	not found						
2,6-Di-tert-butyl-4-hydroxy-4-methyl-2,5-cyclohexadien-1-one	10396-80-2	not found	not found						
2,6-Di-tert-butylphenol	128-39-2	biota	biota	fish	2001	0,500	1,5	µg/kg ww	Shokuhin Eiseigaku Zasshi Volume: 42 Issue: 6 Pages: 359-366 Published: December, 2001
2,6-Di-tert-butylquinone	719-22-2	not found	not found						
2-[(2-Chlorophenyl)amino]benzaldehyde	71758-44-6	not found	not found						
2-Acetylacetophenone	704-00-7	not found	not found						
2-Bromoanisole	578-57-4	water	freshwater	whole water	2009	0,028	0,084	µg/L	Journal of Chromatography A Volume 1216, Issue 3, 16 January 2009, Pages 334-345
2-Chloroacetamide	79-07-2	not found	not found						
2-Ethylhexanoic acid 2-ethylhexyl ester	7425-14-1	not found	not found						
2-Ethylthioacetic acid ethylester	4455-13-4	not found	not found						
2-Methyl-1-phenylpropan-2-ol	100-86-7	not found	not found						
2-Methylanthraquinone	84-54-8	not found	not found						
2-Methylthioacetic acid	2444-37-3	not found	not found						
2-Methylthioacetic acid ethylester	67-71-0	not found	not found						
3-(Bromo-4-methoxyphenyl)propionic acid	1929-29-9	not found	not found						
3,5-Di-tert-butyl-4-hydroxyacetophenone	14035-33-7	not found	not found						
3-Methylthiopropionic acid	646-01-5	not found	not found						
4,4′-DDA	83-05-6	sediment	sediment		2003		20	µg/kg	ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 37 Issue: 3 Pages: 488-495 Published: FEB 1 2003
4,4′-DDMS	2642-80-0	sediment	sediment		2003		20	µg/kg	ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 37 Issue: 3 Pages: 488-495 Published: FEB 1 2003

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
4,4′-DDNU	530-48-3	sediment	sediment		2003		20	µg/kg	ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 37 Issue: 3 Pages: 488-495 Published: FEB 1 2003
4,4′-DDOH	95975-55-6	sediment	sediment		2003		20	µg/kg	ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 37 Issue: 3 Pages: 488-495 Published: FEB 1 2003
4:2 FTOH	2043-47-2	not found	not found						
4-Bromo-2-chlorophenol	3964-56-5	not found	not found						
4-Bromoanisole	104-92-7	water	freshwater	whole water	2009	0,040	0,12	µg/L	Journal of Chromatography A Volume 1216, Issue 3, 16 January 2009, Pages 334-345
4-Chloro-2-(trifluoromethyl)aniline	445-03-4	not found	not found						
4-iso-Propenylacetophenone	5359-04-6	not found	not found						
4-iso-Propylacetophenone	645-13-6	not found	not found						
4-Methylbenzylidene camphor	36861-47-9	water	freshwater	filtered water	2007	0,181	0,543	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 387 Issue: 4 Pages: 1343-1350 Published: FEB 2007
4-Methyl-phenanthrene	832-64-4	not found	not found					µg/L	
4-Nitrobenzanthrone	17117-34-9	not found	not found						
4-Nonylphenoxy acetic acid (NPE1C)	3115-49-9	water	freshwater	filtered water	2007	0,001	0,003	µg/L	**Chemosphere** Volume 66, Issue 4,January 2007, Pages 690-699
4-Octylphenoxy acetic acid (OPE1C)	15234-85-2	water	freshwater	filtered water	2007	0,001	0,003	µg/L	**Chemosphere** Volume 66, Issue 4,January 2007, Pages 690-699
4-Oxoisophorone	1125-21-9	sediment	sediment		2004	0,100	0,3	µg/kg dw	Water Research Volume 38, Issue 16, September 2004, Pages 3473-3484
4-tert-Butylcyclohexanol (2 isomers)	98-52-2	not found	not found					µg/L	
4-tert-Butylcyclohexanone (2 isomers)	98-53-3	not found	not found					µg/L	
6-Phenyldodecane	2719-62-2	not found	not found						
7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione	82304-66-3	not found	not found						
7H-Benzo(de)anthracen-7-one (Benzanthrone)	82-05-3	not found	not found						
8:2 FTOH	678-39-7	water	freshwater	filtered water	2009	0,000	0,0006	µg/L	**Chemosphere** Volume 74, Issue 3, January 2009, Pages 467-47
Acebutolol	37517-30-9	water	freshwater	filtered water	2007	0,009	0,027	µg/L	**Journal of Chromatography A** Volume 1148, Issue 2, 4 May 2007, Pages 158-167
Acecarbromal	77-66-7	not found	not found						
Aceclofenac	89796-99-6	not found	not found						
Acemetacin	53164-05-9	not found	not found						
Acetamide, 2-chloro-2-iodo-	62872-35-9	not found	not found						
Acetazolamide	59-66-5	not found	not found						
Acetylcedrene	32388-55-9	not found	not found						
Albuterol	18559-94-9	water	wastewater effluent	filtered water	2010	0,002	0,006	µg/L	**Journal of Chromatography A** Volume 1217, Issue 4, 22 January 2010, Pages 558-564

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Albuterol sulfate	51022-70-9	not found	not found						
Alclofenac	22131-79-9	not found	not found						
Allobarbital	52-43-7	not found	not found						
alpha-Terpineol	98-55-5	not found	not found						
Aminodiphenylsulfone	4273-98-7	not found	not found						
Amobarbital	57-43-2	water	freshwater	filtered water	2009	0,002	0,0005	µg/L	Journal of Chromatography A Volume 1216, Issue 25, 19 June 2009, Pages 4957-4962
Androstane-3,17-diol (isomers)	25126-76-5	not found	not found						
Androstenone	18339-16-7	not found	not found						
Anthracen-1,4-dione	635-12-1	not found	not found						
Apramycin	37321-09-8	not found	not found						
Aprobarbital	77-02-1	water	freshwater	filtered water	2006		0,001	µg/L	Environ. Sci. Technol., 2006, 40 (23), pp 7200–7206
Atorvastatin	134523-00-5	water	ground-/drinking water		2009		0,00025	µg/L	Environ. Sci. Technol., 2009, 43 (3), pp 597–603
Azithromycin	83905-01-5	water	wastewater effluent	filtered water	2011		0,002	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 399 Issue: 2 Pages: 807-822 Published: 2011
Baclofen	1134-47-0	not found	not found						
Baquiloprim	102280-35-3	not found	not found						
Bayrepel	658051-75-3	water	freshwater	filtered water			0,025	µg/L	Microchimica Acta Volume 148, Numbers 3-4, 151-156
benazolin	3813-05-6	not found	not found						
Benzenesulfonamide	98-10-2	water	ground-/drinking water		2007		0,02	µg/L	**Journal of Chromatography A** Volume 1157, Issues 1-2, 20 July 2007, Pages 115-121
Benzothiazol-2-sulfonic acid	941-57-1	not found	not found						
Benzylacetate	140-11-4	not found	not found						
Benzylsalicylate	118-58-1	not found	not found						
Betamethasone	378-44-9	not found	not found						
Betaxolol	63659-18-7	water	freshwater	whole water	2010	0,000	0,0005	µg/L	**Journal of Chromatography A** Volume 1217, Issue 13, 26 March 2010, Pages 2042-2049
BHQ	1948-33-0	not found	not found						
BHT	128-37-0	water	ground-/drinking water	filtered water	2009	0,025	0,075	µg/L	Environ. Sci. Technol., 2009, 43 (3), pp 597–603
Bifenox acid	53774-07-5	water	freshwater	filtered water	2002	0,003	0,009	µg/L	Analytica Chimica Acta 462 (2002) 187–198
Bis(chloropropyl)ethers	54460-96-7	not found	not found						
bis(isopropyl)naphtalene (DIPN)	38640-62-9	not found	not found						
Bromoacetonitrile	590-17-0	not found	not found						
Bromochloroacetaldehyde	98136-99-3	water	ground-/drinking water		2006		0,04	µg/L	**Chemosphere** Volume 64, Issue 5, July 2006, Pages 795-802

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Bromochloroacetamide	62872-34-8	not found	not found						
Bromochloroiodomethane	34970-00-8	water	ground-/drinking water		1999	0,002	0,006	µg/L	Journal of Chromatography A Volume 841, Issue 2, 14 May 1999, Pages 197-206
Bromochloronitromethane	135531-25-8	water	ground-/drinking water		2011	0,080	0,24	µg/L	Journal of Chromatography A Article in Press, Corrected Proof. I. Montesinosa, M.J. Cardadora and M. Gallego
Bromodichloronitromethane	918-02-5	water	ground-/drinking water		2011	0,200	0,6	µg/L	Journal of Chromatography A Article in Press, Corrected Proof. I. Montesinosa, M.J. Cardadora and M. Gallego
Bromodiiodomethane	557-95-9	water	ground-/drinking water		1999	0,002	0,0051	µg/L	Journal of Chromatography A Volume 841, Issue 2, 14 May 1999, Pages 197-206
Bromoiodoacetamide	62872-36-0	not found	not found						
bromonitromethane	563-70-2	water	ground-/drinking water		2011	0,900	2,7	µg/L	Journal of Chromatography A Article in Press, Corrected Proof. I. Montesinosa, M.J. Cardadora and M. Gallego
Butyl methoxydibenzoylmethane	87075-14-7	water	freshwater	filtered water	2009	0,010	0,03	µg/L	**Journal of Chromatography A** Volume 1216, Issue 24, 12 June 2009, Pages 4887-4894
C10-C14-LAS	69669-44-9	not found	not found						
C12-LAS (Sodium dodecylbenzenesulfonate)	25155-30-0	not found	not found						
Carazolol	57775-29-8	not found	not found						
Cefacetrile	10206-21-0	not found	not found						
Cefalexin	15686-71-2	water	wastewater effluent	filtered water	2009	0,041	0,1227	µg/L	Analytica Chimica Acta Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Cefalonium	5575-21-3	not found	not found						
Cefapirin	21593-23-7	not found	not found						
Cefoperazone	62893-19-0	not found	not found						
CEFTAZIDIME	78439-06-2	water	wastewater effluent		2009	0,060	0,18	µg/L	Analytica Chimica Acta Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Chinoxaline	91-19-0	not found	not found						
Chloroacetaldehyde	107-20-0	not found	not found						
Chlorobutanol	57-15-8	not found	not found						
Chlorodiiodomethane	638-73-3	not found	not found						
Chloromethylphenylsulfone	7205-98-3	not found	not found						
Chloronitromethane	1794-84-9	water	ground-/drinking water		2011	0,900	2,7	µg/L	Journal of Chromatography A Article in Press, Corrected Proof. I. Montesinosa, M.J. Cardadora and M. Gallego
chloroquine	54-05-7	water	freshwater	filtered water	2006	0,001	0,003	µg/L	Journal of Chromatography A, 1134 (2006) 143–150
chlorpromazine	50-53-3	water	freshwater	filtered water	2006	0,001	0,003	µg/L	Journal of Chromatography A, 1134 (2006) 143–150
Cholesterol	57-88-5	water	wastewater effluent	filtered water	2009		0,01	µg/L	Journal of Chromatography A Volume 1216, Issue 12, 20 March 2009, Pages 2288-2301
Chrysene, 1-methyl-	3351-28-8	not found	not found						

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Cimetidine	51481-61-9	water	wastewater effluent	filtered water	2008	0,020	0,06	µg/L	SCIENCE OF THE TOTAL ENVIRONMENT 405 (2008) 120–128
Cineole	8024-53-1	not found	not found						
cis-2,6-dimethylmorpholine	6485-55-8	not found	not found						
Citalopram	59729-32-7	water	wastewater effluent	filtered water	2010		0,004	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 398 Issue: 5 Pages: 2211-2222 Published: NOV 2010
clethodim oxazole sulfone	(vide)	not found	not found						
clethodim sulfone	(vide)	not found	not found						
clethodim sulfoxide		water	freshwater	filtered water	2000		0,1	µg/L	OF AGRICULTURAL AND FOOD CHEMISTRY Volume: 48 Issue: 7 Pages: 2797-2801 Published: JUL 2000
clodinafop	114420-56-3	water	freshwater	filtered water	2002	0,002	0,006	µg/L	Analytica Chimica Acta 462 (2002) 187–198
clofencet	129025-54-3	not found	not found						
Clorazepate Dipotassium	57109-90-7	not found	not found						
closantel	57808-65-8	water	freshwater	filtered water	2006	0,005	0,015	µg/L	Journal of Chromatography A, 1134 (2006) 143–150
Cocoamidopropylbetaine (Coco Amido Betaine)	61789-40-0	not found	not found						
coronene	191-07-1	sediment	sediment	Sediment	2008	200,000	600	µg/kg dw	JOURNAL OF CHROMATOGRAPHY A Volume: 1186 Issue: 1-2 Pages: 211-221 Published: 2008
Cyanoformaldehyde	4471-47-0	not found	not found						
Cyclohexylisocyanate	3173-53-3	not found	not found						
Cyclopentadecanolide	106-02-5	not found	not found						
Damascone	23726-91-2	not found	not found						
Dantrolene	7261-97-4	not found	not found						
Daunorubicin	20830-81-3	water	wastewater effluent	filtered water	2006	0,060	0,29	µg/L	CHEMOSPHERE Volume: 65 Issue: 8 Pages: 1419-1425 Published: NOV 2006
Decahydronaphtalene (Dekalin)	91-17-8	not found	not found						
Decamethylcyclopentasiloxane (D5)	541-02-6	water	freshwater	filtered water	2008		0,0062	µg/L	JOURNAL OF CHROMATOGRAPHY A Volume: 1212 Issue: 1-2 Pages: 124-129 Published: 2008
Decamethyltetrasiloxane (MD2M)	141-62-8	not found	not found						
Dibromoacetamide	598-70-9	not found	not found						
Dibromochloronitromethane	1184-89-0	water	ground-/drinking water		2011	0,300	0,9	µg/L	Journal of Chromatography A Article in Press, Corrected Proof. I. Montesinosa, M.J. Cardadora and M. Gallego
Dibromoiodomethane	593-94-2	water	ground-/drinking water		1999	0,002	0,0066	µg/L	Journal of Chromatography A Volume 841, Issue 2, 14 May 1999, Pages 197-206

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Dibromonitromethane	598-91-4	water	ground-/drinking water		2011	0,900	2,7	µg/L	Journal of Chromatography A Article in Press, Corrected Proof. I. Montesinosa, M.J. Cardadora and M. Gallego
Dichloroacetaldehyde	79-02-7	water	ground-/drinking water		2006		0,03	µg/L	**Chemosphere** Volume 64, Issue 5, July 2006, Pages 795-802
Dichloronitromethane	7119-89-3	water	ground-/drinking water		2011	0,070	0,21	µg/L	Journal of Chromatography A Article in Press, Corrected Proof. I. Montesinosa, M.J. Cardadora and M. Gallego
Dicyclohexylamin (DCHA)	101-83-7	not found	not found						
Difloxacin	98106-17-3	water	freshwater	filtered water	2009	0,002	0,0058	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 393 Issue: 6-7 Pages: 1709-1718 Published: MAR 2009
Dihydromethyljasmonate	37172-53-5	not found	not found						
Diiodoacetamide	5875-23-0	not found	not found						
Di-iso-propyldisulfide	4253-89-8	not found	not found						
Di-iso-propylphenol	2078-54-8	not found	not found						
Diphenyltin compounds - Diphenyltin ion	1135-99-5	water	freshwater	filtered water	2005		0,00003	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 383 Issue: 7-8 Pages: 1082-1089 Published: 2005
Dipropyltrisulfide	6028-61-1	not found	not found						
Dodecamethylcyclohexasiloxane (D6)	540-97-6	biota	biota	fish	2010		0,6	µg/kg ww	ANALYTICAL CHEMISTRY Volume: 82 Issue: 22 Pages: 9573-9578 Published: 2010
Dodecamethylpentasiloxane (MD3M)	141-63-9	not found	not found						
Domperidone	57808-66-9	water	freshwater	filtered water	2008		0,0005	µg/L	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 19 Issue: 5 Pages: 713-718 Published: MAY 2008
Doxorubicin	25316-40-9	water	wastewater effluent	filtered water	2006	0,050	0,26	µg/L	CHEMOSPHERE Volume: 65 Issue: 8 Pages: 1419-1425 Published: NOV 2006
Drometrizole	2400-22-4	not found	not found						
Drometrizole trisiloxane (INCI)	155633-54-8	not found	not found						
Epirubicin	56420-45-2	water	wastewater effluent	filtered water	2006	0,050	0,26	µg/L	CHEMOSPHERE Volume: 65 Issue: 8 Pages: 1419-1425 Published: NOV 2006
Escitalopram	128196-01-0	not found	not found						
Esomeprazole	119141-88-7	not found	not found						
Ethosuximide	77-67-8	not found	not found						
Ethylene brassylate	105-95-3	not found	not found						
Ethylhexyl methoxycinnamate	5466-77-3	water	freshwater	filtered water	2007	0,054	0,162	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 387 Issue: 4 Pages: 1343-1350 Published: FEB 2007
Etofibrate	56775-91-8	not found	not found						

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Eusolex	588-68-1	not found	not found						
Famotidine	76824-35-6	Water	freshwater	filtered water	2006		0,018	µg/l	TALANTA Volume: 70 Issue: 4 Pages: 678-690 Published: 2006
Fenfluramine	458-24-2	not found	not found						
Fenoprofen calcium salt dihydrate	53746-45-5	not found	not found						
Fenoterol	13392-18-2	not found	not found						
fenoterol hydrobromide	1944-12-3	not found	not found						
fenpropathrine	64257-84-7	water	freshwater	filtered water	2005		1,5	µg/L	Anal Bioanal Chem (2005) 382: 1141–1151
Flucloxacillin	5250-39-5	not found	not found						
Fluphenazine	69-23-8	water	freshwater	filtered water	2006	0,001	0,003	µg/L	Journal of Chromatography A, 1134 (2006) 143–150
Formylpiperidine	2591-86-8	not found	not found						
Glibenclamide (Glyburide)	10238-21-8	sediment	sewage sludge	filtered water	2009		2,79	µg/kg	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 393 Issue: 6-7 Pages: 1685-1695 Published: 2009
g-Methylionone	127-51-5	not found	not found						
Habanolide	34902-57-3	not found	not found						
Hexabromocyclododecane (HBCDD)	25637-99-4	sediment	sediment		2010	1,600	5,3	µg/kg dw	Analytical and Bioanalytical Chemistry Volume: 397 Issue: 7 Pages: 2817-2824 Published: AUG 2010
Hexachloropropanone	116-16-5	not found	not found						
Hexamethyldisiloxane (HM or HMDS)	107-46-0	not found	not found						
Hexobarbital	56-29-1	water	freshwater	filtered water	2006	0,005	0,015	µg/L	Environ. Sci. Technol., 2006, 40 (23), pp 7200–7206
Hexylcinnamaldehyde	101-86-0	not found	not found						
Homosalate	118-56-9	water	freshwater	filtered water	2007	0,163	0,489	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 387 Issue: 4 Pages: 1343-1350 Published: FEB 2007
Iodoacetamide	144-48-9	not found	not found						
Iodoacetic acid	64-69-7	water	ground-/drinking water	filtered water	2008	0,250	0,75	µg/L	Environ. Sci. Technol., 2008, 42 (22), pp 8330–8338
Iodoacetonitrile	624-75-9	not found	not found						
Iodoform	75-47-8	not found	not found						
Iohexol	66108-95-0	water	wastewater effluent	dissolved	2008	0,270	0,81	µg/L	JOURNAL OF CHROMATOGRAPHY A Volume: 1213 Issue: 2 Pages: 200-208 Published: 2008
Iomeprol	78649-41-9	water	ground-/drinking water	filtered water	2005	0,110	0,33	µg/L	Journal of Chromatography AVolume 1085, Issue 1, 26 August 2005, Pages 117-123
Irganox 1076	2082-79-3	not found	not found						
Isobornylacetate	125-12-2	not found	not found						
kanamycin sulfate	8063-07-8	not found	not found						

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Lamotrigine	84057-84-1	water	wastewater effluent	filtered water	2010	0,001	0,01	µg/L	Anal. Chem., 2010, 82 (19), pp 8161–8168
Lansoprazole	103577-45-3	not found	not found						
Levomeprazine (Methotrimeprazine)	60-99-1	water	wastewater effluent	filtered water	2009		0,01	µg/L	Journal of Chromatography A Volume 1216, Issue 12, 20 March 2009, Pages 2288-2301
Lidocaine	137-58-6	not found	not found						
Loratadine	79794-75-5	water	freshwater	filtered water	2009	0,010	0,0273	µg/L	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 16 Issue: 5 Pages: 555-564 Published: JUL 2009
mebeverine	3625-06-7	not found	not found						
Meclofenamic acid	644-62-2	water	freshwater	filtered water	2010	0,0011	0,0044	µg/L	**Science of The Total Environment,** Volume 408, Issue 16, 15 July 2010, Pages 3139-3147
medazepam	2898-12-6	not found	not found						
Meprobamate	57-53-4	water	ground-/drinking water	filtered water	2009	0,000	0,00075	µg/L	Environ. Sci. Technol., 2009, 43 (3), pp 597–603
Mestranol	72-33-3	water	freshwater	filtered water	2010	0,000	0,00045	µg/L	Journal of Chromatography A Volume 1217, Issue 52, 24 December 2010, Pages 8327-8333
Methicillin	61-32-5	not found	not found						
Methylbenzonitrile	529-19-1	not found	not found						
Methyldihydrojasmonate (Methyl 3-oxo-2-pentylcyclopentaneacetate)	24851-98-7	not found	not found						
Methylphenobarbital	115-38-8	not found	not found						
Methylphenylisocyanate	614-68-6	not found	not found						
Methylphenylsulfone	3112-85-4	not found	not found						
Methylsalicylate	119-36-8	not found	not found						
Mevastatin	73573-88-3	water	freshwater	filtered water	2006	0,007	0,024	µg/L	**Talanta** Volume 70, Issue 4, 15 November 2006, Pages 678-690
miconazole	22916-47-8	water	freshwater	filtered water	2006	0,001	0,003	µg/L	Journal of Chromatography A, 1134 (2006) 143–150
miconazole	22916-47-8	water	freshwater		2008		0,01	µg/L	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 19 Issue: 5 Pages: 713-718 Published: MAY 2008
midazolam	59467-70-8	water	freshwater	filtered water	2006	0,005	0,015	µg/L	Journal of Chromatography A, 1134 (2006) 143–150
Minocycline	13614-98-7	water	freshwater	dissolved	2009		0,0427	µg/L	JOURNAL OF CHROMATOGRAPHY A Volume: 1216 Issue: 22 Pages: 4655-4662 Published: 2009
Mucochloric acid	87-56-9	water	ground-/drinking water	filtered water	2005	0,050	0,15	µg/L	Analytica Chimica Acta 534 (2005) 281–292
N,N-Dibutylformamide	761-65-9	not found	not found						
N,N-Diethyldithiocarbamic acid methyl ester	686-07-7	not found	not found						
N,N'-Di-iso-propylurea	4128-37-4	not found	not found						

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
N-Acetylmorpholine	1696-20-4	not found	not found						
Nafcillin	985-16-0	sediment	sewage sludge		2006	0,001	0,005	µg/kg	**Journal of Chromatography A,** Volume 1130, Issue 1, 13 October 2006, Pages 72-82
Nandrolone	434-22-0	water	freshwater	filtered water	2008	0,00010	0,0003	µg/L	Journal of Chromatography A Volume 1195, Issues 1-2, 27 June 2008, Pages 44-51
N-Bromoacetamide	79-15-2	not found	not found						
Neomycin B	1404-04-2	water	freshwater	filtered water	2007	0,027	0,729	µg/L	Chinese Chemical Letters Volume 18, Issue 2, February 2007, Pages 201-204
N-Ethyl-2-tolylsulfonamide	825629-31-0	not found	not found						
N-Ethylphthalimide	5022-29-7	not found	not found						
N-Ethyltoluenesulfonamide	26914-52-3	not found	not found						
N-Formylmorpholine	4394-85-8	not found	not found						
N-methyl triazine amine		not found	not found						
N-methylperfluorooctanesulfonamide (N-MeFOSA)	31506-32-8	not found	not found						
N-methylperfluorooctanesulfonamidoethyl acrylate (N-MeFOSEA)	25268-77-3	not found	not found						
N-Methylphenacetine	7298-73-9	not found	not found						
Nordiazepam	1088-11-5	water	ground-/drinking water	filtered water	2006	0,000	0,0012	µg/L	Environ. Sci. Technol., 2006, 40 (17), pp 5282–5288
Norfluoxetine (metabolite of FLUOXETINE)	56161-73-0	water	ground-/drinking water		2009	0,001	0,0015	µg/L	Environ. Sci. Technol., 2009, 43 (3), pp 597–603
Novobiocin	1476-53-5	not found	not found						Ecotoxicology and Environmental Safety Volume 64, Issue 3, July 2006, Pages 329-336
N-Phenylbenzenesulfonamide	1678-25-7	not found	not found						
o-Benzyl-p-chlorophenol (Chlorophene)	120-32-1	water	freshwater	filtered water	2007	0,017	0,051	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 387 Issue: 4 Pages: 1343-1350 Published: FEB 2007
Octamethylcyclotetrasiloxane (D4)	556-67-2	biota	biota	fish	2010		1,5	µg/kg ww	ANALYTICAL CHEMISTRY Volume: 82 Issue: 22 Pages: 9573-9578 Published: 2010
Octamethyltrisiloxane (MDM)	107-51-7	not found	not found						
Octocrylene	80135-31-5	water	freshwater	filtered water	2007	0,023	0,069	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 387 Issue: 4 Pages: 1343-1350 Published: FEB 2007
Oleandomycin	3922-90-5	not found	not found						
o-Terphenyl	84-15-1	not found	not found						
Oxacillin	66-79-5	water	wastewater effluent	filtered water	2009	0,025	0,0735	µg/L	Analytica Chimica Acta Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Oxybenzone	131-57-7	not found	not found						
Pantoprazole	102625-70-7	water	wastewater effluent	filtered water	2010		0,001	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 398 Issue: 5 Pages: 2211-2222 Published: NOV 2010

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Paroxetine	61869-08-7	water	wastewater effluent	filtered water	2010		0,003	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 398 Issue: 5 Pages: 2211-2222 Published: NOV 2010
p-Dicyclohexylbenzene	1087-02-1	not found	not found						
Pentobarbital	76-74-4	water	freshwater	filtered water	2006		0,001	µg/L	Environ. Sci. Technol., 2006, 40 (23), pp 7200–7206
pentoxifylline	6493-05-6	water	freshwater	dissolved	2009		0,01	µg/L	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 16 Pages: 46-54 Published: 2009
Phenobarbital	50-06-6	water	freshwater	filtered water	2009	0,005	0,015	µg/L	Journal of Chromatography A Volume 1216, Issue 25, 19 June 2009, Pages 4957-4962
Phenobarbital	50-06-6	water	freshwater	filtered water	2006		0,001	µg/L	Environ. Sci. Technol., 2006, 40 (23), pp 7200–7206
Phenylbutazone	50-33-9	not found	not found						
Phenylisocyanate	103-71-9	not found	not found						
Phenytoine	57-41-0	water	freshwater	filtered water	2009	0,002	0,008	µg/L	Journal of Chromatography A Volume 1216, Issue 25, 19 June 2009, Pages 4957-4962
Pindolol	13523-86-9	water	wastewater effluent	filtered water	2007	0,000	0,001	µg/L	**Journal of Chromatography A** Volume 1170, Issues 1-2, 2 November 2007, Pages 23-33
Pipamperon	1893-33-0	water	freshwater	filtered water	2008		0,001	µg/L	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY Volume: 19 Issue: 5 Pages: 713-718 Published: MAY 2008
Primidone	125-33-7	water	freshwater	filtered water	2009		0,006	µg/L	ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY Volume: 28 Issue: 12 Pages: 2528-2536 Published: DEC 2009
prochlorperazine	58-38-8	water	freshwater	filtered water	2006		0,001	µg/L	Journal of Chromatography A, 1134 (2006) 143–150
p-t-Bucinal (Lilial)	80-54-6	not found	not found						
p-Terphenyl	92-94-4	not found	not found						
Sarafloxacin	98105-99-8	water	freshwater	filtered water	2009	0,003	0,0108	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 393 Issue: 6-7 Pages: 1709-1718 Published: MAR 2009
Secobarbital	76-73-3	water	freshwater	filtered water	2006	0,005	0,015	µg/L	Environ. Sci. Technol., 2006, 40 (23), pp 7200–7206
Secobarbital sodium (valable pour secobarbital)	309-43-3	water	freshwater	dissolved	2006	0,005	0,015	µg/L	ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 40 Issue: 23 Pages: 7200-7206 Published: DEC 1 2006
Spectinomycin	1695-77-8	not found	not found						
Sulfadoxin	2447-57-6	water	ground-/drinking water		2007	5,500	20,1	µg/L	ELECTROPHORESIS Volume: 28 Issue: 22 Pages: 4164-4172 Published: 2007
Sulfamerazine	127-79-7	water	ground-/drinking water		2007	16,600	50,2	µg/L	ELECTROPHORESIS Volume: 28 Issue: 22 Pages: 4164-4172 Published: 2007
Sulfamethizole	144-82-1	water	wastewater effluent	filtered water	2008	0,009	0,027	µg/L	Journal of Chromatography A Volume 1202, Issue 2, 22 August 2008, Pages 173-180

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Sulfamethoxin	651-06-9	water	ground-/drinking water		2007	32,300	64,3	µg/L	ELECTROPHORESIS Volume: 28 Issue: 22 Pages: 4164-4172 Published: 2007
Sulfapyridine	144-83-2	sediment	sewage sludge	sewage sludge	2006	0,080	0,22	µg/kg	**Journal of Chromatography A,** Volume 1130, Issue 1, 13 October 2006, Pages 72-82
Sulfisoxazole	127-69-5	sediment	sewage sludge	sewage sludge	2006	0,040	0,1	µg/kg	**Journal of Chromatography A,** Volume 1130, Issue 1, 13 October 2006, Pages 72-82
Sulfonyl urea (nom générique pour une classe de médicaments)	35507-37-0	not found	not found						
Taloxa	25451-15-4	not found	not found						
Temazepam	846-50-4	water	freshwater	filtered water	2006		0,001	µg/L	ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 40 Issue: 23 Pages: 7321-7328 Published: DEC 1 2006
terpineol	8006-39-1	not found	not found						
Tetralinone	529-34-0	not found	not found						
Tiamulin	55297-95-5	water	wastewater effluent	filtered water	2008	0,001	0,00396	µg/L	Journal of Chromatography A Volume 1202, Issue 2, 22 August 2008, Pages 173-180
Tilmicosin	108050-54-0	water	freshwater	dissolved	2009	0,004	0,013	µg/L	ANALYTICA CHIMICA ACTA Volume: 634 Issue: 2 Pages: 215-221 Published: 2009
Timolol	91524-16-2	water	freshwater	filtered water	2010		0,2	µg/L	Journal of Chromatography A Volume 1217, Issue 13, 26 March 2010, Pages 2042-2049
Tocopherolacetate	7695-91-2	not found	not found						
Tolfenamic acid	13710-19-5	water	wastewater effluent	filtered water	2003		0,03	µg/L	Journal of Chromatography A, Volume 985, Issues 1-2, 24 January 2003, Pages 265-274
trans-nonachlor	39765-80-5	biota	biota	fish	2008	0,100		µg/kg ww	CHEMOSPHERE Volume: 70 Issue: 4 Pages: 694-702 Published: 2008
Tri-(dichlorisopropyl)phosphate	13674-87-8	water	ground-/drinking water		2009		0,5	µg/L	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY Volume: 82 Issue: 6 Pages: 653-659 Published: 2009
Triacetin	102-76-1	not found	not found						
Tribromoacetaldehyde	115-17-3	water	ground-/drinking water		2006		0,03	µg/L	**Chemosphere** Volume 64, Issue 5, July 2006, Pages 795-802
Tribromoacetamide	594-47-8	not found	not found						
Tribromoacetic acid	75-96-7	water	ground-/drinking water		2010		11,7	µg/L	**Journal of Chromatography A,** Volume 1217, Issue 29, 16 July 2010, Pages 4873-4876
Tribromonitromethane	464-10-8	water	ground-/drinking water		2011	1,200	3,6	µg/L	Journal of Chromatography A Article in Press, Corrected Proof. I. Montesinosa, M.J. Cardadora and M. Gallego
Tributylacetylcitrate	77-90-7	not found	not found						
Trichloroacetamide	594-65-0	not found	not found						
Triethylcitrate	77-93-0	water	ground-/drinking water	filtered water	1999		0,05	µg/L	Journal of Chromatography A Volume 863, Issue 2, 26 November 1999, Pages 147-155
trifluperidol	749-13-3	water	freshwater	filtered water	2006		0,001	µg/L	Journal of Chromatography A, 1134 (2006) 143–150

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*
Tri-iso-butylphosphate (TIBP)	126-71-6	water	freshwater	filtered water	2010		0,007	µg/L	Water Research Volume 44, Issue 14, July 2010, Pages 4097-4104
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	water	freshwater	filtered water	2010		0,003	µg/L	Water Research Volume 44, Issue 14, July 2010, Pages 4097-4104
Tris(2-ethylhexyl)phosphoric acid	78-42-2	water	freshwater				0,08	µg/L	JOURNAL OF CHROMATOGRAPHY A Volume: 1166 Pages: 9-15 Published: 2007
Tris(dichloropropyl)phosphate	78-43-3	not found	not found						
Valnemulin	101312-92-9	water	wastewater effluent	dissolved		0,1	0,3	µg/L	Analytical and Bioanalytical Chemistry Volume: 393 Issue: 4 Pages: 1367-1375 Published: FEB 2009
Vancomycin	1404-90-6	water	wastewater effluent	filtered water	2009	0,026	0,0771	µg/L	Analytica Chimica Acta Volume 645, Issues 1-2, 10 July 2009, Pages 64-72
Venlafaxine	93413-69-5	water	wastewater effluent	filtered water	2010		0,005	µg/L	ANALYTICAL AND BIOANALYTICAL CHEMISTRY Volume: 398 Issue: 5 Pages: 2211-2222 Published: NOV 2010
Verapamil	52-53-9	water	freshwater	filtered water	2006		0,005	µg/L	ENVIRONMENTAL SCIENCE & TECHNOLOGY Volume: 40 Issue: 23 Pages: 7321-7328 Published: DEC 1 2006
Zincpyrithione	13463-41-7	not found	not found						

Not found : aucune limite de quantification trouvée dans la litérrature pour cette molécule dans les matrices considérées.
Unité :
ww : wet weight ; dw : dry weight

ANNEXE 2

Limite de quantification provenant de base de données de certains laboratoires

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
(2,4-DB) 4-(2,4-Dichlorophenoxy)butyric acid	94-82-6	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
(2,4-DB) 4-(2,4-Dichlorophenoxy)butyric acid	94-82-6	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
(2,4-DB) 4-(2,4-Dichlorophenoxy)butyric acid	94-82-6	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
(2,4-DB) 4-(2,4-Dichlorophenoxy)butyric acid	94-82-6	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
1,1,1-Trichloro-2,2-dihydroxyethane (Chloral hydrate)	302-17-0	water	freshwater		2001		3	µg/l	MODELKEY	UFZ
1,1,1-trichloroethane	71-55-6	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
1,1,1-trichloroethane	71-55-6	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
1,1,1-trichloroethane	71-55-6	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
1,1,1-trichloroethane	71-55-6	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
1,1,1-trichloroethane	71-55-6	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
1,1,2,2-tetrachloroethane	79-34-5	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
1,1,2,2-tetrachloroethane	79-34-5	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
1,1,2,2-tetrachloroethane	79-34-5	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
1,1,2,2-tetrachloroethane	79-34-5	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
1,1,2,2-tetrachloroethane	79-34-5	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
1,1,2-Trichloroethane	79-00-5	water	freshwater		2000		0,812	µg/l	MODELKEY	UFZ
1,1,2-Trichloroethane	79-00-5	water	freshwater		2001		0,812	µg/l	MODELKEY	UFZ
1,1,2-Trichloroethane	79-00-5	water	freshwater		2002		0,812	µg/l	MODELKEY	UFZ
1,1,2-Trichloroethane	79-00-5	water	freshwater		2003		0,124	µg/l	MODELKEY	UFZ
1,1,2-Trichloroethane	79-00-5	water	freshwater		2004		0,124	µg/l	MODELKEY	UFZ
1,1,2-Tri-chloro-tri-fluoro-ethane	76-13-1	water	freshwater		2002		0,25	µg/l	MODELKEY	UFZ
1,1,2-Tri-chloro-tri-fluoro-ethane	76-13-1	water	freshwater		2003		0,118	µg/l	MODELKEY	UFZ
1,1,2-Tri-chloro-tri-fluoro-ethane	76-13-1	water	freshwater		2004		0,118	µg/l	MODELKEY	UFZ
1,1-dichloroethane	75-34-3	water	freshwater		2000		0,199	µg/l	MODELKEY	UFZ
1,1-dichloroethane	75-34-3	water	freshwater		2001		0,199	µg/l	MODELKEY	UFZ
1,1-dichloroethane	75-34-3	water	freshwater		2002		0,199	µg/l	MODELKEY	UFZ
1,1-dichloroethane	75-34-3	water	freshwater		2003		0,024	µg/l	MODELKEY	UFZ
1,1-dichloroethane	75-34-3	water	freshwater		2004		0,024	µg/l	MODELKEY	UFZ
1,1-Dichloroethene	75-35-4	water	freshwater		2000		1,115	µg/l	MODELKEY	UFZ
1,1-Dichloroethene	75-35-4	water	freshwater		2001		6	µg/l	MODELKEY	UFZ
1,1-Dichloroethene	75-35-4	water	freshwater		2002		6	µg/l	MODELKEY	UFZ
1,1-Dichloroethene	75-35-4	water	freshwater		2003		6	µg/l	MODELKEY	UFZ
1,1-Dichloroethene	75-35-4	water	freshwater		2004		2	µg/l	MODELKEY	UFZ
1,2,3,4-Tetrachlorobenzene	634-66-2	water	freshwater		2001		0,002	µg/l	MODELKEY	UFZ
1,2,3,4-Tetrachlorobenzene	634-66-2	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
1,2,3,4-Tetrachlorobenzene	634-66-2	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
1,2,3,4-Tetrachlorobenzene	634-66-2	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
1,2,3,5 tetrachlorobenzene	634-90-2	water	freshwater		2001		0,002	µg/l	MODELKEY	UFZ
1,2,3,5 tetrachlorobenzene	634-90-2	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
1,2,3,5 tetrachlorobenzene	634-90-2	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ
1,2,3,5 tetrachlorobenzene	634-90-2	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
1,2,3-Benzotriazole	95-14-7	water	freshwater	filtered water	2008	0,012	0,036	µg/L	Kiss & Fries 2009, Environ Sci Pollut Res 16:702-710	Heinz Ruedel
1,2,3-Benzotriazole	95-14-7	water	freshwater		2006	0,008	0,024	µg/L	Environ. Sci. Technol. 2006, 40, 7186-7192	TGM
1,2,3-Benzotriazole	95-14-7	water	freshwater		2009	0,005	0,011	µg/L	International Journal of Mass Spectrometry Volume 282, Issue 3, 1 May 2009, Pages 99-107	TGM
1,2,3-Trichlorobenzene	87-61-6	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
1,2,3-Trichlorobenzene	87-61-6	water	freshwater		2001		0,2	µg/l	MODELKEY	UFZ
1,2,3-Trichlorobenzene	87-61-6	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
1,2,3-Trichlorobenzene	87-61-6	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
1,2,3-Trichlorobenzene	87-61-6	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
1,2,3-Trichloropropane	96-18-4	water	freshwater		2000		1,523	µg/l	MODELKEY	UFZ
1,2,3-Trichloropropane	96-18-4	water	freshwater		2001		1,523	µg/l	MODELKEY	UFZ
1,2,3-Trichloropropane	96-18-4	water	freshwater		2002		1,523	µg/l	MODELKEY	UFZ
1,2,3-Trichloropropane	96-18-4	water	freshwater		2003		0,097	µg/l	MODELKEY	UFZ
1,2,3-Trichloropropane	96-18-4	water	freshwater		2004		0,097	µg/l	MODELKEY	UFZ
1,2,4,5-tetrachlorobenzene	95-94-3	water	freshwater		2001		0,002	µg/l	MODELKEY	UFZ
1,2,4,5-tetrachlorobenzene	95-94-3	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
1,2,4,5-tetrachlorobenzene	95-94-3	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ
1,2,4,5-tetrachlorobenzene	95-94-3	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
1,2,4-Trichlorobenzene	120-82-1	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
1,2,4-Trichlorobenzene	120-82-1	water	freshwater		2001		0,2	µg/l	MODELKEY	UFZ
1,2,4-Trichlorobenzene	120-82-1	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
1,2,4-Trichlorobenzene	120-82-1	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
1,2,4-Trichlorobenzene	120-82-1	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ

1,2-dichloro-3-nitrobenzene	3209-22-1	water	freshwater	2001	0,25	µg/l	MODELKEY	UFZ
1,2-dichloro-4-nitrobenzene	99-54-7	water	freshwater	2000	0,01	µg/l	MODELKEY	UFZ
1,2-dichloro-4-nitrobenzene	99-54-7	water	freshwater	2001	0,01	µg/l	MODELKEY	UFZ
1,2-dichloro-4-nitrobenzene	99-54-7	water	freshwater	2002	0,01	µg/l	MODELKEY	UFZ
1,2-dichloro-4-nitrobenzene	99-54-7	water	freshwater	2003	0,01	µg/l	MODELKEY	UFZ
1,2-dichloro-4-nitrobenzene	99-54-7	water	freshwater	2004	0,05	µg/l	MODELKEY	UFZ
1,2-Dichlorobenzene	95-50-1	water	freshwater	2000	0,01	µg/l	MODELKEY	UFZ
1,2-Dichlorobenzene	95-50-1	water	freshwater	2001	0,01	µg/l	MODELKEY	UFZ
1,2-Dichlorobenzene	95-50-1	water	freshwater	2002	0,01	µg/l	MODELKEY	UFZ
1,2-Dichlorobenzene	95-50-1	water	freshwater	2003	0,01	µg/l	MODELKEY	UFZ
1,2-Dichlorobenzene	95-50-1	water	freshwater	2004	0,01	µg/l	MODELKEY	UFZ
1,2-dichloropropane	78-87-5	water	freshwater	2000	0,359	µg/l	MODELKEY	UFZ
1,2-dichloropropane	78-87-5	water	freshwater	2001	0,359	µg/l	MODELKEY	UFZ
1,2-dichloropropane	78-87-5	water	freshwater	2002	0,359	µg/l	MODELKEY	UFZ
1,2-dichloropropane	78-87-5	water	freshwater	2003	0,032	µg/l	MODELKEY	UFZ
1,2-dichloropropane	78-87-5	water	freshwater	2004	0,032	µg/l	MODELKEY	UFZ
1,3,5-Trichlorobenzene	108-70-3	water	freshwater	2000	0,001	µg/l	MODELKEY	UFZ
1,3,5-Trichlorobenzene	108-70-3	water	freshwater	2001	0,1	µg/l	MODELKEY	UFZ
1,3,5-Trichlorobenzene	108-70-3	water	freshwater	2002	0,001	µg/l	MODELKEY	UFZ
1,3,5-Trichlorobenzene	108-70-3	water	freshwater	2003	0,001	µg/l	MODELKEY	UFZ
1,3,5-Trichlorobenzene	108-70-3	water	freshwater	2004	0,001	µg/l	MODELKEY	UFZ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	water	freshwater	2000	0,368	µg/l	MODELKEY	UFZ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	water	freshwater	2001	0,368	µg/l	MODELKEY	UFZ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	water	freshwater	2002	0,368	µg/l	MODELKEY	UFZ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	water	freshwater	2003	0,074	µg/l	MODELKEY	UFZ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	water	freshwater	2004	0,074	µg/l	MODELKEY	UFZ
1,3-Dichlorobenzene	541-73-1	water	freshwater	2000	0,01	µg/l	MODELKEY	UFZ
1,3-Dichlorobenzene	541-73-1	water	freshwater	2001	0,01	µg/l	MODELKEY	UFZ
1,3-Dichlorobenzene	541-73-1	water	freshwater	2002	0,01	µg/l	MODELKEY	UFZ
1,3-Dichlorobenzene	541-73-1	water	freshwater	2003	0,01	µg/l	MODELKEY	UFZ
1,3-Dichlorobenzene	541-73-1	water	freshwater	2004	0,01	µg/l	MODELKEY	UFZ
1,3-Dichloropropan-2-ol	96-23-1	water	freshwater	2001	3	µg/l	MODELKEY	UFZ
1,4 Dichlorobenzene	106-46-7	water	freshwater	2000	0,01	µg/l	MODELKEY	UFZ
1,4 Dichlorobenzene	106-46-7	water	freshwater	2001	0,01	µg/l	MODELKEY	UFZ
1,4 Dichlorobenzene	106-46-7	water	freshwater	2002	0,01	µg/l	MODELKEY	UFZ
1,4 Dichlorobenzene	106-46-7	water	freshwater	2003	0,01	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
1,4 Dichlorobenzene	106-46-7	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
1,4-Dichloro-2-nitrobenzene	89-61-2	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
1,4-Dichloro-2-nitrobenzene	89-61-2	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
1,4-Dichloro-2-nitrobenzene	89-61-2	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
1,4-Dichloro-2-nitrobenzene	89-61-2	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
1,4-Dichloro-2-nitrobenzene	89-61-2	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
1-chloro-2,3-epoxy-propane	106-89-8	water	freshwater		2001		2	µg/l	MODELKEY	UFZ
1-Chloro-2.4-dinitrobenzene	97-00-7	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
1-chloro-2-nitrobenzene	88-73-3	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
1-chloro-2-nitrobenzene	88-73-3	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
1-chloro-2-nitrobenzene	88-73-3	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
1-chloro-2-nitrobenzene	88-73-3	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
1-chloro-2-nitrobenzene	88-73-3	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
1-chloro-3-nitrobenzene	121-73-3	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
1-chloro-3-nitrobenzene	121-73-3	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
1-chloro-3-nitrobenzene	121-73-3	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
1-chloro-3-nitrobenzene	121-73-3	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
1-chloro-3-nitrobenzene	121-73-3	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
1-chloro-4-nitrobenzene	100-00-5	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
1-chloro-4-nitrobenzene	100-00-5	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
1-chloro-4-nitrobenzene	100-00-5	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
1-chloro-4-nitrobenzene	100-00-5	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
1-chloro-4-nitrobenzene	100-00-5	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
1-Chloronaphthalene	90-13-1	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
2,2',4,4',5,6'-Hexabromodiphenyl ether (BDE-154)	207122-15-4	water	freshwater		2008		0,001	µg/L	MODELKEY	UFZ
2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)	60348-60-9	water	freshwater		2005		0,001	µg/L	MODELKEY	UFZ
2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)	60348-60-9	water	freshwater		2006		0,001	µg/L	MODELKEY	UFZ
2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)	60348-60-9	water	freshwater		2007		0,001	µg/L	MODELKEY	UFZ
2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)	60348-60-9	water	freshwater		2008		0,001	µg/L	MODELKEY	UFZ
2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)	189084-64-8	water	freshwater		2008		0,001	µg/L	MODELKEY	UFZ
2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	5436-43-1	water	freshwater		2005		0,0003	µg/L	MODELKEY	UFZ
2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	5436-43-1	water	freshwater		2006		0,0003	µg/L	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	5436-43-1	water	freshwater		2007		0,0003	µg/L	MODELKEY	UFZ
2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	5436-43-1	water	freshwater		2008		0,0002	µg/L	MODELKEY	UFZ
2,3,4,6-Tetrachlorophenol	58-90-2	water	freshwater	filtered water	2010	0,001	0,003	µg/L	LPTC	LPTC
2,3,4,6-tetrachlorophenol	58-90-2	water	freshwater		2005		0,05	µg/L	MODELKEY	UFZ
2,3,4,6-tetrachlorophenol	58-90-2	water	freshwater		2006		0,007	µg/L	MODELKEY	UFZ
2,3,4,6-Tetrachlorophenol	58-90-2	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
2,3,4,6-Tetrachlorophenol	58-90-2	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
2,3,4,6-Tetrachlorophenol	58-90-2	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,3,4,6-Tetrachlorophenol	58-90-2	water	freshwater		2003		0,018	µg/l	MODELKEY	UFZ
2,3,4,6-Tetrachlorophenol	58-90-2	water	freshwater		2004		0,018	µg/l	MODELKEY	UFZ
2,3,4-Trichlorophenol	15950-66-0	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
2,3,4-Trichlorophenol	15950-66-0	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,3,4-Trichlorophenol	15950-66-0	water	freshwater		2003		0,015	µg/l	MODELKEY	UFZ
2,3,4-Trichlorophenol	15950-66-0	water	freshwater		2004		0,015	µg/l	MODELKEY	UFZ
2,3,5-Trichlorophenol	933-78-8	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
2,3,5-Trichlorophenol	933-78-8	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,3,5-Trichlorophenol	933-78-8	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
2,3,5-Trichlorophenol	933-78-8	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2,3,6-Trichlorophenol	933-75-5	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
2,3,6-Trichlorophenol	933-75-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,3,6-Trichlorophenol	933-75-5	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
2,3,6-Trichlorophenol	933-75-5	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2,3-dichlorophenol	576-24-9	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
2,3-dichlorophenol	576-24-9	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,3-dichlorophenol	576-24-9	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
2,3-dichlorophenol	576-24-9	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2,3-dichloropropene	78-88-6	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
2,3-dichloropropene	78-88-6	water	freshwater		2002		0,5	µg/l	MODELKEY	UFZ
2,3-dichloropropene	78-88-6	water	freshwater		2003		0,022	µg/l	MODELKEY	UFZ
2,3-dichloropropene	78-88-6	water	freshwater		2004		0,022	µg/l	MODELKEY	UFZ
2,4,4'-Trichlorobiphenyl	7012-37-5	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
2,4,4'-Trichlorobiphenyl	7012-37-5	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
2,4,4'-Trichlorobiphenyl	7012-37-5	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
2,4,4'-Trichlorobiphenyl	7012-37-5	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
2,4,4'-Trichlorobiphenyl	7012-37-5	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
2,4',5-Trichlorobiphenyl	16606-02-3	water	freshwater		2001		0,002	µg/l	MODELKEY	UFZ
2,4',5-Trichlorobiphenyl	16606-02-3	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
2,4',5-Trichlorobiphenyl	16606-02-3	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ
2,4',5-Trichlorobiphenyl	16606-02-3	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
2,4,5-trichlorophenol	95-95-4	water	freshwater	filtered water	2010	0,001	0,003	µg/L	LPTC	LPTC
2,4,5-trichlorophenol	95-95-4	water	freshwater		2005		0,006	µg/L	MODELKEY	UFZ
2,4,5-trichlorophenol	95-95-4	water	freshwater		2006		0,006	µg/L	MODELKEY	UFZ
2,4,5-Trichlorophenol	95-95-4	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
2,4,5-Trichlorophenol	95-95-4	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
2,4,5-Trichlorophenol	95-95-4	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,4,5-Trichlorophenol	95-95-4	water	freshwater		2003		0,006	µg/l	MODELKEY	UFZ
2,4,5-Trichlorophenol	95-95-4	water	freshwater		2004		0,006	µg/l	MODELKEY	UFZ
2,4,5-Trichlorophenoxyacetic acid (2,4,5-t)	93-76-5	water	freshwater		2001		0,02	µg/l	MODELKEY	UFZ
2,4,5-Trichlorophenoxyacetic acid (2,4,5-t)	93-76-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,4,5-Trichlorophenoxyacetic acid (2,4,5-t)	93-76-5	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
2,4,5-Trichlorophenoxyacetic acid (2,4,5-t)	93-76-5	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
2,4,6-Trichloro-1,3,5-triazine	108-77-0	water	freshwater		2001		3	µg/l	MODELKEY	UFZ
2,4,6-trichlorophenol	88-06-2	water	freshwater	filtered water	2010	0,001	0,003	µg/L	LPTC	LPTC
2,4,6-trichlorophenol	88-06-2	water	freshwater		2005		0,007	µg/L	MODELKEY	UFZ
2,4,6-trichlorophenol	88-06-2	water	freshwater		2006		0,007	µg/L	MODELKEY	UFZ
2,4,6-trichlorophenol	88-06-2	water	freshwater		2007		0,007	µg/L	MODELKEY	UFZ
2,4,6-trichlorophenol	88-06-2	water	freshwater		2008		0,007	µg/L	MODELKEY	UFZ
2,4,6-Trichlorophenol	88-06-2	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
2,4,6-Trichlorophenol	88-06-2	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
2,4,6-Trichlorophenol	88-06-2	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,4,6-Trichlorophenol	88-06-2	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
2,4,6-Trichlorophenol	88-06-2	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2,4-Dibromophenol	615-58-7	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,4-Dibromophenol	615-58-7	water	freshwater		2003		0,017	µg/l	MODELKEY	UFZ
2,4-Dibromophenol	615-58-7	water	freshwater		2004		0,017	µg/l	MODELKEY	UFZ
2,4-dichloroaniline	554-00-7	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
2,4-Dichloronitrobenzene	611-06-3	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
2,4-Dichloronitrobenzene	611-06-3	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
2,4-Dichloronitrobenzene	611-06-3	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
2,4-Dichloronitrobenzene	611-06-3	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
2,4-Dichloronitrobenzene	611-06-3	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
2,4-dichlorophenol	120-83-2	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
2,4-dichlorophenol	120-83-2	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,4-dichlorophenol	120-83-2	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
2,4-dichlorophenol	120-83-2	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2,4-Dinitrophenol (DNP)	51-28-5	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
2,4-Dinitrophenol (DNP)	51-28-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,4-Dinitrophenol (DNP)	51-28-5	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
2,4-Dinitrophenol (DNP)	51-28-5	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
2,4-Dinitrotoluene	121-14-2	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
2,4-Dinitrotoluene	121-14-2	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
2,4-Dinitrotoluene	121-14-2	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
2,4-Dinitrotoluene	121-14-2	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
2,5-Dichloroaniline	95-82-9	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
2,5-dichlorophenol	583-78-8	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,5-dichlorophenol	583-78-8	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
2,5-dichlorophenol	583-78-8	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2,6-dichlorophenol	87-65-0	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2,6-dichlorophenol	87-65-0	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
2,6-dichlorophenol	87-65-0	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2-6-dinitrotoluene	606-20-2	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
2-6-dinitrotoluene	606-20-2	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
2-6-dinitrotoluene	606-20-2	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
2-6-dinitrotoluene	606-20-2	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
2-amino-4-chlorophenol	95-85-2	water	freshwater		2001		20	µg/l	MODELKEY	UFZ
2-Aminobenzimidazole	934-32-7	water	ground-/drinking water		2009		0,02	µg/L	Eawag report	Eawag

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
2-Aminobenzimidazole	934-32-7	water	wastewater effluent		2010		0,02	µg/L	Eawag report	Eawag
2-chloro-4-nitrotoluene	121-86-8	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
2-Chloro-6-nitrotoluene	83-42-1	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
2-chloroaniline	95-51-2	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
2-chloroethanol	107-07-3	water	freshwater		2001		3	µg/l	MODELKEY	UFZ
2-chlorophenol	95-57-8	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
2-chlorophenol	95-57-8	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
2-chlorophenol	95-57-8	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2-chlorophenol	95-57-8	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
2-chlorophenol	95-57-8	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2-chloro-p-toluidine	615-65-6	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
2-chlorotoluene	95-49-8	water	freshwater		2000		0,239	µg/l	MODELKEY	UFZ
2-chlorotoluene	95-49-8	water	freshwater		2001		0,239	µg/l	MODELKEY	UFZ
2-chlorotoluene	95-49-8	water	freshwater		2002		0,239	µg/l	MODELKEY	UFZ
2-chlorotoluene	95-49-8	water	freshwater		2003		0,058	µg/l	MODELKEY	UFZ
2-chlorotoluene	95-49-8	water	freshwater		2004		0,058	µg/l	MODELKEY	UFZ
2-hydroxy atrazine	2163-68-0	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
2-hydroxy atrazine	2163-68-0	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
2-hydroxy atrazine	2163-68-0	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
2-Hydroxybiphenyl	90-43-7	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
2-Hydroxybiphenyl	90-43-7	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
2-Hydroxybiphenyl	90-43-7	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
2-Nitrotoluene	88-72-2	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
2-Nitrotoluene	88-72-2	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
2-Nitrotoluene	88-72-2	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
2-Nitrotoluene	88-72-2	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
2-Nitrotoluene	88-72-2	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
2-Xylene	95-47-6	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
2-Xylene	95-47-6	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
2-Xylene	95-47-6	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
2-Xylene	95-47-6	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
2-Xylene	95-47-6	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
3,3'-Dichlorobenzidine	91-94-1	water	freshwater		2001		1	µg/l	MODELKEY	UFZ
3,4,5-trichlorophenol	609-19-8	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
3,4,5-trichlorophenol	609-19-8	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
3,4,5-trichlorophenol	609-19-8	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
3,4,5-trichlorophenol	609-19-8	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
3,4-dichloroaniline	95-76-1	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
3,4-Dimethylphenol	95-65-8	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
3,4-Dimethylphenol	95-65-8	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
3,4-Dimethylphenol	95-65-8	water	freshwater		2003		0,015	µg/l	MODELKEY	UFZ
3,4-Dimethylphenol	95-65-8	water	freshwater		2004		0,015	µg/l	MODELKEY	UFZ
3,5-Dichloronitrobenzene	618-62-2	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
3,5-dichlorophenol	591-35-5	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
3,5-dichlorophenol	591-35-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
3,5-dichlorophenol	591-35-5	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
3,5-dichlorophenol	591-35-5	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
3-Chloro-2-methylphenylamine	87-60-5	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
3-chloroaniline	108-42-9	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
3-chlorophenol	108-43-0	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
3-chlorophenol	108-43-0	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
3-chlorophenol	108-43-0	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
3-chlorophenol	108-43-0	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
3-chlorophenol	108-43-0	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
3-chloropropene	107-05-1	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
3-chloropropene	107-05-1	water	freshwater		2002		0,5	µg/l	MODELKEY	UFZ
3-chloropropene	107-05-1	water	freshwater		2003		0,5	µg/l	MODELKEY	UFZ
3-chloropropene	107-05-1	water	freshwater		2004		0,675	µg/l	MODELKEY	UFZ
3-chlorotoluene	108-41-8	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
3-chlorotoluene	108-41-8	water	freshwater		2002		0,25	µg/l	MODELKEY	UFZ
3-chlorotoluene	108-41-8	water	freshwater		2003		0,067	µg/l	MODELKEY	UFZ
3-chlorotoluene	108-41-8	water	freshwater		2004		0,067	µg/l	MODELKEY	UFZ
3-Cresol	108-39-4	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
3-Cresol	108-39-4	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
3-Cresol	108-39-4	water	freshwater		2003		0,015	µg/l	MODELKEY	UFZ
3-Cresol	108-39-4	water	freshwater		2004		0,015	µg/l	MODELKEY	UFZ
3-Nitrotoluol	99-08-1	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
3-Nitrotoluol	99-08-1	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
3-Nitrotoluol	99-08-1	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
3-Nitrotoluol	99-08-1	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
3-Nitrotoluol	99-08-1	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
4-(4-chloro-o-tolyloxy) butyric acid (2,4-mcpb)	94-81-5	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
4-(4-chloro-o-tolyloxy) butyric acid (2,4-mcpb)	94-81-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
4-(4-chloro-o-tolyloxy) butyric acid (2,4-mcpb)	94-81-5	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
4-(4-chloro-o-tolyloxy) butyric acid (2,4-mcpb)	94-81-5	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
4-Chloro-2-methylaniline	95-69-2	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
4-Chloro-2-nitroaniline	89-63-4	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
4-chloro-2-nitrotoluene	89-59-8	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
4-chloro-3-methylphenol (Chlorocresol)	59-50-7	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
4-chloro-3-methylphenol (Chlorocresol)	59-50-7	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
4-chloro-3-methylphenol (Chlorocresol)	59-50-7	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
4-chloro-3-methylphenol (Chlorocresol)	59-50-7	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
4-Chloroaniline	106-47-8	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
4-chloro-o-cresol	1570-64-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
4-chloro-o-cresol	1570-64-5	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
4-chloro-o-cresol	1570-64-5	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
4-chlorophenol	106-48-9	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
4-chlorophenol	106-48-9	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
4-chlorophenol	106-48-9	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
4-chlorophenol	106-48-9	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
4-chlorophenol	106-48-9	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
4-chlorotoluene	106-43-4	water	freshwater		2000		0,25	µg/l	MODELKEY	UFZ
4-chlorotoluene	106-43-4	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
4-chlorotoluene	106-43-4	water	freshwater		2002		0,25	µg/l	MODELKEY	UFZ
4-chlorotoluene	106-43-4	water	freshwater		2003		0,069	µg/l	MODELKEY	UFZ
4-chlorotoluene	106-43-4	water	freshwater		2004		0,069	µg/l	MODELKEY	UFZ
4-Methyl-1H-benzotriazole	29878-31-7	water	freshwater		2009	0,001	0,002	µg/L	International Journal of Mass Spectrometry Volume 282, Issue 3, 1 May 2009, Pages 99-107	TGM
4-Methyl-1H-benzotriazole	29878-31-7	water	wastewater effluent		2009		0,012	µg/L	Hollender et al., ES&T 2009, 43:7862-7869	Eawag
4-Methylbenzylidene camphor	36861-47-9	water	freshwater		2008		0,01	µg/L	MODELKEY	UFZ
4-Nitrotoluene	99-99-0	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
4-Nitrotoluene	99-99-0	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
4-Nitrotoluene	99-99-0	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
4-Nitrotoluene	99-99-0	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
4-Nitrotoluene	99-99-0	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
4-n-Octylphenol	1806-26-4	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
4-Nonylphenol di-ethoxylate / 2-(2-(4-Nonylphenoxy)ethoxy)ethanol (NPE2O group)	20427-84-3	water	freshwater		2003		0,5	µg/l	MODELKEY	UFZ
4-Nonylphenol di-ethoxylate / 2-(2-(4-Nonylphenoxy)ethoxy)ethanol (NPE2O group)	20427-84-3	water	freshwater		2004		0,5	µg/l	MODELKEY	UFZ
4-Nonylphenol mono-ethoxylate (NPE1O group)	104-35-8	water	freshwater		2003		0,5	µg/l	MODELKEY	UFZ
4-Nonylphenol mono-ethoxylate (NPE1O group)	104-35-8	water	freshwater		2004		0,5	µg/l	MODELKEY	UFZ
5,6-Dimethyl-1H-benzotriazole	4184-79-6	water	freshwater		2009	0,002	0,007	µg/L	International Journal of Mass Spectrometry Volume 282, Issue 3, 1 May 2009, Pages 99-107	TGM
5-Methyl-1H-benzotriazole	136-85-6	water	freshwater	filtered water	2008	0,008	0,024	µg/L	Kiss & Fries 2009, Environ Sci Pollut Res 16:702-710	Heinz Ruedel
5-Methyl-1H-benzotriazole	136-85-6	water	wastewater effluent		2009		0,012	µg/L	Hollender et al., ES&T 2009, 43:7862-7869	Eawag
6-Deisopropylatrazine / 1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-	1007-28-9	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ
6-Deisopropylatrazine / 1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-	1007-28-9	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
6-Deisopropylatrazine / 1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-	1007-28-9	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
6-Deisopropylatrazine / 1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-	1007-28-9	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
6-Deisopropylatrazine / 1,3,5-Triazine-2,4-diamine, 6-chloro-N-ethyl-	1007-28-9	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Acenaphtene	83-32-9	water	freshwater		2000		0,002	µg/l	MODELKEY	UFZ
Acenaphtene	83-32-9	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Acenaphtene	83-32-9	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
Acenaphtene	83-32-9	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
Acenaphtene	83-32-9	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
Acenaphtylene	208-96-8	water	freshwater		2000		0,004	µg/l	MODELKEY	UFZ
Acenaphtylene	208-96-8	water	freshwater		2001		0,002	µg/l	MODELKEY	UFZ
Acenaphtylene	208-96-8	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
Acenaphtylene	208-96-8	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ
Acenaphtylene	208-96-8	water	freshwater		2004		0,002	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Acetylsalicylic acid (aspirin)	50-78-2	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Acyclovir	59277-89-3	water	freshwater		2010		0,001	µg/L	Environmental science & technology, 44 (5), p.1728-1735, Mar 2010	TGM
Acyclovir	59277-89-3	water	wastewater effluent		2010		0,003	µg/L	Environmental science & technology, 44 (5), p.1728-1735, Mar 2010	TGM
AHTN (Tonalide®)	1506-02-1	water	freshwater		2005		0,01	µg/L	MODELKEY	UFZ
AHTN (Tonalide®)	1506-02-1	water	freshwater		2006		0,01	µg/L	MODELKEY	UFZ
AHTN (Tonalide®)	1506-02-1	water	freshwater		2007		0,01	µg/L	MODELKEY	UFZ
AHTN (Tonalide®)	1506-02-1	water	freshwater		2008		0,01	µg/L	MODELKEY	UFZ
Ametryn	834-12-8	water	freshwater		2000		0,004	µg/l	MODELKEY	UFZ
Ametryn	834-12-8	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Ametryn	834-12-8	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Ametryn	834-12-8	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Ametryn	834-12-8	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Amino Methyl Phosphoric Acid (AMPA)	1066-51-9	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Amino Methyl Phosphoric Acid (AMPA)	1066-51-9	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Amino Methyl Phosphoric Acid (AMPA)	1066-51-9	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Amino Methyl Phosphoric Acid (AMPA)	1066-51-9	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Amoxicillin	26787-78-0	water	freshwater	filtered water	2010	0,010	0,03	µg/L	LPTC	LPTC
Ampicillin	69-53-4	water	freshwater	filtered water	2010	0,110	0,33	µg/L	LPTC	LPTC
Ampicillin	69-53-4	water	freshwater		2006	0,01	0,03	µg/L	Journal of Chromatography A, 1115 (2006) 46–57	TGM
Ampicillin	69-53-4	water	freshwater		2009	0,060	0,200	µg/L	J. Chromatogr. A 1216 (2009) 8355–8361	TGM
Ampicillin	69-53-4	water	wastewater effluent		2006	0,013	0,039	µg/L	Journal of Chromatography A, 1115 (2006) 46–57	TGM
Ampicillin	69-53-4	water	wastewater effluent		2009	0,011	0,033	µg/L	Analytica Chimica Acta 645 (2009) 64–72	TGM
Azinphos-ethyl	2642-71-9	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
Azinphos-ethyl	2642-71-9	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Azinphos-ethyl	2642-71-9	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Azinphos-ethyl	2642-71-9	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Azinphos-ethyl	2642-71-9	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Azinphos-methyl	86-50-0	water	freshwater		2000		0,017	µg/l	MODELKEY	UFZ
Azinphos-methyl	86-50-0	water	freshwater		2001		0,017	µg/l	MODELKEY	UFZ
Azinphos-methyl	86-50-0	water	freshwater		2002		0,02	µg/l	MODELKEY	UFZ
Azinphos-methyl	86-50-0	water	freshwater		2003		0,02	µg/l	MODELKEY	UFZ
Azinphos-methyl	86-50-0	water	freshwater		2004		0,02	µg/l	MODELKEY	UFZ
Bentazone	25057-89-0	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Bentazone	25057-89-0	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Bentazone	25057-89-0	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Bentazone	25057-89-0	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Benzidine	92-87-5	water	freshwater		2001		3	µg/l	MODELKEY	UFZ
Benzo(a)anthracene	56-55-3	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Benzo(a)anthracene	56-55-3	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Benzo(a)anthracene	56-55-3	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Benzo(a)anthracene	56-55-3	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Benzo(a)anthracene	56-55-3	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Benzo(e)pyrene	192-97-2	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
Benzo(e)pyrene	192-97-2	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
Benzo(e)pyrene	192-97-2	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
benzo[b]fluoranthene	205-99-2	water	freshwater		2005		0,001	µg/L	MODELKEY	UFZ
benzo[b]fluoranthene	205-99-2	water	freshwater		2006		0,001	µg/L	MODELKEY	UFZ
benzo[b]fluoranthene	205-99-2	water	freshwater		2007		0,001	µg/L	MODELKEY	UFZ
benzo[b]fluoranthene	205-99-2	water	freshwater		2008		0,001	µg/L	MODELKEY	UFZ
Benzophenone	119-61-9	water	ground-/drinking water		2009		0,01	µg/L	Eawag report	Eawag
Benzyl chloride	100-44-7	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
Benzylbutylphthalate (BBP)	85-68-7	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Beta-sitosterol	83-46-5	water	freshwater		2006		0,03	µg/L	MODELKEY	UFZ
Beta-sitosterol	83-46-5	water	freshwater		2007		0,03	µg/L	MODELKEY	UFZ
Beta-sitosterol	83-46-5	water	freshwater		2008		0,03	µg/L	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Bezafibrate	41859-67-0	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Bifenox	42576-02-3	water	freshwater	whole water	2009	0,015	0,05	µg/l	internal validation file	Amalric L BRGM
bifenox	42576-02-3	water	freshwater		2006		0,01	µg/l	MODELKEY	UFZ
Bifenox	42576-02-3	water	wastewater effluent		2009		0,2	µg/L	Hollender et al., ES&T 2009, 43:7862-7869	Eawag
Biphenyl	92-52-4	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
Bis(2,3-dichloro-1-propyl)ether	7774-68-7	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Bis(2,3-dichloro-1-propyl)ether	7774-68-7	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Bis(2,3-dichloro-1-propyl)ether	7774-68-7	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Bis(2,3-dichloro-1-propyl)ether	7774-68-7	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Bis(2,3-dichloro-1-propyl)ether	7774-68-7	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Bis(2-chloroisopropyl)ether	39638-32-9	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
bis-2,3-dichlor-1-propyl-ether	7774-68-7	water	freshwater		2005		0,001	µg/L	MODELKEY	UFZ
bis-2,3-dichlor-1-propyl-ether	7774-68-7	water	freshwater		2007		0,01	µg/L	MODELKEY	UFZ
bis-2,3-dichlor-1-propyl-ether	7774-68-7	water	freshwater		2008		0,01	µg/L	MODELKEY	UFZ
Bromobenzene	108-86-1	water	freshwater		2000		0,514	µg/l	MODELKEY	UFZ
Bromobenzene	108-86-1	water	freshwater		2001		0,514	µg/l	MODELKEY	UFZ
Bromobenzene	108-86-1	water	freshwater		2002		0,514	µg/l	MODELKEY	UFZ
Bromobenzene	108-86-1	water	freshwater		2003		0,081	µg/l	MODELKEY	UFZ
Bromobenzene	108-86-1	water	freshwater		2004		0,081	µg/l	MODELKEY	UFZ
Bromochloromethane	74-97-5	water	freshwater		2000		0,46	µg/l	MODELKEY	UFZ
Bromochloromethane	74-97-5	water	freshwater		2001		0,46	µg/l	MODELKEY	UFZ
Bromochloromethane	74-97-5	water	freshwater		2002		0,46	µg/l	MODELKEY	UFZ
Bromochloromethane	74-97-5	water	freshwater		2003		0,055	µg/l	MODELKEY	UFZ
Bromochloromethane	74-97-5	water	freshwater		2004		0,055	µg/l	MODELKEY	UFZ
Bromodichloromethane	75-27-4	water	freshwater		2000		0,05	µg/l	MODELKEY	UFZ
Bromodichloromethane	75-27-4	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Bromodichloromethane	75-27-4	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Bromodichloromethane	75-27-4	water	freshwater		2003		0,029	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Bromodichloromethane	75-27-4	water	freshwater		2004		0,029	µg/l	MODELKEY	UFZ
Bromoform	75-25-2	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Bromoform	75-25-2	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Bromoform	75-25-2	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
Bromoform	75-25-2	water	freshwater		2003		0,1	µg/l	MODELKEY	UFZ
Bromoform	75-25-2	water	freshwater		2004		0,1	µg/l	MODELKEY	UFZ
Bromofos-ethyl	4824-78-6	water	freshwater		2000		0,008	µg/l	MODELKEY	UFZ
Bromofos-ethyl	4824-78-6	water	freshwater		2001		0,008	µg/l	MODELKEY	UFZ
Bromofos-ethyl	4824-78-6	water	freshwater		2002		0,02	µg/l	MODELKEY	UFZ
Bromofos-ethyl	4824-78-6	water	freshwater		2003		0,02	µg/l	MODELKEY	UFZ
Bromofos-ethyl	4824-78-6	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Bromofos-methyl	2104-96-3	water	freshwater		2000		0,008	µg/l	MODELKEY	UFZ
Bromofos-methyl	2104-96-3	water	freshwater		2001		0,008	µg/l	MODELKEY	UFZ
Bromoxynil	1689-84-5	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Bromoxynil	1689-84-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Bromoxynil	1689-84-5	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Bromoxynil	1689-84-5	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Butylbenzene sec	135-98-8	water	freshwater		2000		0,244	µg/l	MODELKEY	UFZ
Butylbenzene sec	135-98-8	water	freshwater		2001		0,244	µg/l	MODELKEY	UFZ
Butylbenzene sec	135-98-8	water	freshwater		2002		0,244	µg/l	MODELKEY	UFZ
Butylbenzene sec	135-98-8	water	freshwater		2003		0,088	µg/l	MODELKEY	UFZ
Butylbenzene sec	135-98-8	water	freshwater		2004		0,088	µg/l	MODELKEY	UFZ
Butylbenzene tert	98-06-6	water	freshwater		2000		0,333	µg/l	MODELKEY	UFZ
Butylbenzene tert	98-06-6	water	freshwater		2001		0,333	µg/l	MODELKEY	UFZ
Butylbenzene tert	98-06-6	water	freshwater		2002		0,333	µg/l	MODELKEY	UFZ
Butylbenzene tert	98-06-6	water	freshwater		2003		0,081	µg/l	MODELKEY	UFZ
Butylbenzene tert	98-06-6	water	freshwater		2004		0,081	µg/l	MODELKEY	UFZ
Butyltin compounds - Stannanetriylium, butyl-	78763-54-9	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Butyltin compounds - Stannanetriylium, butyl-	78763-54-9	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Butyltin compounds - Stannanetriylium, butyl-	78763-54-9	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Butyltin compounds - Stannanetriylium, butyl-	78763-54-9	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Carbamazepine	298-46-4	water	freshwater		2004		0,025	µg/l	MODELKEY	UFZ
Carbaryl	63-25-2	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Carbaryl	63-25-2	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Carbendazim	10605-21-7	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Carbendazim	10605-21-7	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Carbendazim	10605-21-7	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Cefalexin	15686-71-2	water	freshwater	filtered water	2010	0,014	0,042	µg/L	LPTC	LPTC
Chinoline	91-22-5	water	ground-/drinking water		2007		0,023	µg/L	Reineke et al., ES&T 2007, 41:5314-5322	Eawag
Chloramphenicol	56-75-7	water	freshwater	filtered water	2010	0,004	0,011	µg/L	LPTC	LPTC
Chlordane alpha	5103-71-9	water	freshwater		2005		0,002	µg/L	MODELKEY	UFZ
Chlordane alpha	5103-71-9	water	freshwater		2006		0,002	µg/L	MODELKEY	UFZ
Chlordane alpha	5103-71-9	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Chlordane alpha	5103-71-9	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Chlordane alpha	5103-71-9	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
Chlordane alpha	5103-71-9	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ
Chlordane alpha	5103-71-9	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Chlordane beta	5103-74-2	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Chlordane beta	5103-74-2	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Chlordane beta	5103-74-2	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
Chlordane beta	5103-74-2	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Chlordane beta	5103-74-2	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Chloridazon	1698-60-8	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Chloridazon	1698-60-8	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Chloridazon	1698-60-8	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Chloridazon	1698-60-8	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Chloro-2 Methylphenol-5	615-74-7	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Chloro-2 Methylphenol-5	615-74-7	water	freshwater		2003		0,015	µg/l	MODELKEY	UFZ
Chloro-2 Methylphenol-5	615-74-7	water	freshwater		2004		0,015	µg/l	MODELKEY	UFZ
Chloroacetic acid	79-11-8	water	freshwater		2001		2	µg/l	MODELKEY	UFZ
Chlorobenzene	108-90-7	water	freshwater		2000		0,02	µg/l	MODELKEY	UFZ
Chlorobenzene	108-90-7	water	freshwater		2001		0,02	µg/l	MODELKEY	UFZ
Chlorobenzene	108-90-7	water	freshwater		2002		0,02	µg/l	MODELKEY	UFZ
Chlorobenzene	108-90-7	water	freshwater		2003		0,02	µg/l	MODELKEY	UFZ
Chlorobenzene	108-90-7	water	freshwater		2004		0,02	µg/l	MODELKEY	UFZ
Chlorodimethylphenol (Chloroxylenol)	88-04-0	water	freshwater		2005		0,017	µg/L	MODELKEY	UFZ
Chlorodimethylphenol (Chloroxylenol)	88-04-0	water	freshwater		2006		0,017	µg/L	MODELKEY	UFZ
Chlorodimethylphenol (Chloroxylenol)	88-04-0	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Chlorodimethylphenol (Chloroxylenol)	88-04-0	water	freshwater		2003		0,017	µg/l	MODELKEY	UFZ
Chlorodimethylphenol (Chloroxylenol)	88-04-0	water	freshwater		2004		0,017	µg/l	MODELKEY	UFZ
Chloroethylene	75-01-4	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Chloroethylene	75-01-4	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Chloroethylene	75-01-4	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
Chloromethane	74-87-3	water	freshwater		2000		0,58	µg/l	MODELKEY	UFZ
Chloronaphtalene-2	91-58-7	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
Chloroprene	126-99-8	water	freshwater		2001		2	µg/l	MODELKEY	UFZ
Chlorpropham	101-21-3	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Chlorpropham	101-21-3	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Chlorpropham	101-21-3	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Chlorpyriphos methyl	5598-13-0	water	freshwater		2000		0,012	µg/l	MODELKEY	UFZ
Chlorpyriphos methyl	5598-13-0	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Chlorpyriphos methyl	5598-13-0	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Chlorpyriphos methyl	5598-13-0	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Chlorpyriphos methyl	5598-13-0	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Chrysene	218-01-9	water	freshwater		2000		0,002	µg/l	MODELKEY	UFZ
Chrysene	218-01-9	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Chrysene	218-01-9	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Chrysene	218-01-9	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Chrysene	218-01-9	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Clenbuterol	37148-27-9	water	freshwater	filtered water	2010	0,001	0,001	µg/L	LPTC	LPTC
Clofibric acid (metabolite of CLOFIBRATE)	882-09-7	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Cloxacillin	7081-44-9	water	freshwater	filtered water	2010	0,001	0,003	µg/L	LPTC	LPTC
Copper	7440-50-8	water	freshwater	filtered water	2005		1	µg/L	standard EN ISO 17294-2 water quality, application of ICP-MS	Heinz Ruedel
Coumaphos	56-72-4	water	freshwater		2000		0,009	µg/l	MODELKEY	UFZ
Coumaphos	56-72-4	water	freshwater		2001		0,009	µg/l	MODELKEY	UFZ
Coumaphos	56-72-4	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Coumaphos	56-72-4	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Cumene (Isopropylbenzene)	98-82-8	water	freshwater		2000		0,226	µg/l	MODELKEY	UFZ
Cumene (Isopropylbenzene)	98-82-8	water	freshwater		2001		0,226	µg/l	MODELKEY	UFZ
Cumene (Isopropylbenzene)	98-82-8	water	freshwater		2002		0,226	µg/l	MODELKEY	UFZ
Cumene (Isopropylbenzene)	98-82-8	water	freshwater		2003		0,066	µg/l	MODELKEY	UFZ
Cumene (Isopropylbenzene)	98-82-8	water	freshwater		2004		0,066	µg/l	MODELKEY	UFZ
Cyanazine	21725-46-2	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ
Cyanazine	21725-46-2	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Cyanazine	21725-46-2	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Cyanazine	21725-46-2	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Cyanazine	21725-46-2	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Cyanides	57-12-5	water	freshwater		2000		5	µg/l	MODELKEY	UFZ
Cyanides	57-12-5	water	freshwater		2001		5	µg/l	MODELKEY	UFZ
Cyanides	57-12-5	water	freshwater		2002		5	µg/l	MODELKEY	UFZ
Cyanides	57-12-5	water	freshwater		2003		5	µg/l	MODELKEY	UFZ
Cyanides	57-12-5	water	freshwater		2004		5	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Cyclohexane	110-82-7	water	freshwater		2003		1,5	µg/l	MODELKEY	UFZ
Cyclohexane	110-82-7	water	freshwater		2004		1,5	µg/l	MODELKEY	UFZ
Decane	124-18-5	water	freshwater		2003		2	µg/l	MODELKEY	UFZ
Decane	124-18-5	water	freshwater		2004		2	µg/l	MODELKEY	UFZ
Demeton-O	298-03-3	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Demeton-O	298-03-3	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Demeton-O	298-03-3	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Demeton-S	126-75-0	water	freshwater		2001		0,02	µg/l	MODELKEY	UFZ
Demeton-S	126-75-0	water	freshwater		2002		0,02	µg/l	MODELKEY	UFZ
Demeton-S	126-75-0	water	freshwater		2003		0,02	µg/l	MODELKEY	UFZ
Demeton-S	126-75-0	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Demeton-S-methyl	919-86-8	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Demeton-S-methyl	919-86-8	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Demeton-S-methyl	919-86-8	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Desethylatrazine	6190-65-4	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
Desethylatrazine	6190-65-4	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Desethylatrazine	6190-65-4	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
Desethylatrazine	6190-65-4	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
Desethylatrazine	6190-65-4	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
desethylterbutylazine	30125-63-4	water	freshwater	filtered water	2010	0,000	0,0006	µg/L	LPTC	LPTC
desethylterbutylazine	30125-63-4	water	freshwater	whole water	2009	0,002	0,005	µg/l	internal validation file	Amalric L BRGM
desethylterbutylazine	30125-63-4	water	freshwater		2005		0,005	µg/l	MODELKEY	UFZ
desethylterbutylazine	30125-63-4	water	freshwater		2006		0,005	µg/l	MODELKEY	UFZ
desethylterbutylazine	30125-63-4	water	freshwater		2007		0,005	µg/l	MODELKEY	UFZ
desethylterbutylazine	30125-63-4	water	freshwater		2008		0,005	µg/l	MODELKEY	UFZ
Desmetryn	1014-69-3	water	freshwater	whole water	2009	0,002	0,005	µg/l	internal validation file	Amalric L BRGM
Desmetryn	1014-69-3	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ
Desmetryn	1014-69-3	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Desmetryn	1014-69-3	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Desmetryn	1014-69-3	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Dexamethasone	50-02-2	water	freshwater		2010	0,010	0,030	µg/l	Chemosphere 78 (2010) 972–979	TGM
Dexamethasone	50-02-2	water	wastewater effluent		2010		0,01	µg/l	Eawag report	Eawag
Dexamethasone	50-02-2	water	wastewater effluent		2007		0,0001	µg/l	Environ Sci Technol. 2007 41 p3462-8	TGM
Diazinon	333-41-5	water	freshwater		2000		0,009	µg/l	MODELKEY	UFZ
Diazinon	333-41-5	water	freshwater		2001		0,009	µg/l	MODELKEY	UFZ
Diazinon	333-41-5	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Diazinon	333-41-5	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Diazinon	333-41-5	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Dibenzo(a,h) anthracene	53-70-3	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Dibenzo(a,h) anthracene	53-70-3	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Dibenzo(a,h) anthracene	53-70-3	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Dibenzo(a,h) anthracene	53-70-3	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Dibenzo(a,h) anthracene	53-70-3	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Dibromochloromethane	124-48-1	water	freshwater		2000		0,05	µg/l	MODELKEY	UFZ
Dibromochloromethane	124-48-1	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Dibromochloromethane	124-48-1	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Dibromochloromethane	124-48-1	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Dibromochloromethane	124-48-1	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Dibromomethane	74-95-3	water	freshwater		2000		0,748	µg/l	MODELKEY	UFZ
Dibromomethane	74-95-3	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Dibromomethane	74-95-3	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
Dibromomethane	74-95-3	water	freshwater		2003		0,061	µg/l	MODELKEY	UFZ
Dibromomethane	74-95-3	water	freshwater		2004		0,061	µg/l	MODELKEY	UFZ
Dibutyltin compounds - Dibutyltin cation - Tin(2+), dibutyl-, ion	14488-53-0	water	freshwater		2005		0,01	µg/L	MODELKEY	UFZ
Dibutyltin compounds - Dibutyltin cation - Tin(2+), dibutyl-, ion	14488-53-0	water	freshwater		2006		1E-05	µg/L	MODELKEY	UFZ
Dibutyltin compounds - Dibutyltin cation - Tin(2+), dibutyl-, ion	14488-53-0	water	freshwater		2008		0,0001	µg/L	MODELKEY	UFZ
Dibutyltin compounds - Dibutyltin cation - Tin(2+), dibutyl-, ion	14488-53-0	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Dibutyltin compounds - Dibutyltin cation - Tin(2+), dibutyl-, ion	14488-53-0	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Dibutyltin compounds - Dibutyltin cation - Tin(2+), dibutyl-, ion	14488-53-0	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Dibutyltin compounds - Dibutyltin cation - Tin(2+), dibutyl-, ion	14488-53-0	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Dibutyltin compounds - Dibutyltin cation - Tin(2+), dibutyl-, ion	14488-53-0	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Dichloroaniline-2,3	608-27-5	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
Dichloroaniline-2,6	608-31-1	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
Dichloroaniline-3,5	626-43-7	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - o,p' (o,p'-DDD)(mitotane)	53-19-0	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - o,p' (o,p'-DDD)(mitotane)	53-19-0	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - o,p' (o,p'-DDD)(mitotane)	53-19-0	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - o,p' (o,p'-DDD)(mitotane)	53-19-0	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - o,p' (o,p'-DDD)(mitotane)	53-19-0	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - p,p' (TDE)	72-54-8	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - p,p' (TDE)	72-54-8	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - p,p' (TDE)	72-54-8	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - p,p' (TDE)	72-54-8	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethane - p,p' (TDE)	72-54-8	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - o,p' (2,4'-DDE)	3424-82-6	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - o,p' (2,4'-DDE)	3424-82-6	water	freshwater		2001		0,0002	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - o,p' (2,4'-DDE)	3424-82-6	water	freshwater		2002		0,0002	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - o,p' (2,4'-DDE)	3424-82-6	water	freshwater		2003		0,0002	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - o,p' (2,4'-DDE)	3424-82-6	water	freshwater		2004		0,0002	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - p,p' (DDE 44')	72-55-9	water	freshwater		2000		0,0002	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - p,p' (DDE 44')	72-55-9	water	freshwater		2001		0,0002	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - p,p' (DDE 44')	72-55-9	water	freshwater		2002		0,0002	µg/l	MODELKEY	UFZ
Dichlorodiphenyldichloroethylene - p,p' (DDE 44')	72-55-9	water	freshwater		2003		0,0002	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Dichlorodiphenyldichloroethylene - p,p' (DDE 44')	72-55-9	water	freshwater		2004		0,0002	µg/l	MODELKEY	UFZ
Dichlorodiphenyltrichloroethane - o,p' (DDT 24')	789-02-6	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyltrichloroethane - o,p' (DDT 24')	789-02-6	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyltrichloroethane - o,p' (DDT 24')	789-02-6	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyltrichloroethane - o,p' (DDT 24')	789-02-6	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Dichlorodiphenyltrichloroethane - o,p' (DDT 24')	789-02-6	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 cis	156-59-2	water	freshwater		2000		0,05	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 cis	156-59-2	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 cis	156-59-2	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 cis	156-59-2	water	freshwater		2003		0,019	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 cis	156-59-2	water	freshwater		2004		0,019	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 trans	156-60-5	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 trans	156-60-5	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 trans	156-60-5	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 trans	156-60-5	water	freshwater		2003		0,015	µg/l	MODELKEY	UFZ
Dichloroethylene-1,2 trans	156-60-5	water	freshwater		2004		0,015	µg/l	MODELKEY	UFZ
Dichlorophenol-3,4	95-77-2	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
Dichlorophenol-3,4	95-77-2	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Dichlorophenol-3,4	95-77-2	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Dichlorophenol-3,4	95-77-2	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
Dichlorophenol-3,4	95-77-2	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
Dichloropropane-1,3	142-28-9	water	freshwater		2000		0,862	µg/l	MODELKEY	UFZ
Dichloropropane-1,3	142-28-9	water	freshwater		2001		0,862	µg/l	MODELKEY	UFZ
Dichloropropane-1,3	142-28-9	water	freshwater		2002		0,862	µg/l	MODELKEY	UFZ
Dichloropropane-1,3	142-28-9	water	freshwater		2003		0,056	µg/l	MODELKEY	UFZ
Dichloropropane-1,3	142-28-9	water	freshwater		2004		0,056	µg/l	MODELKEY	UFZ
Dichloropropane-2,2	594-20-7	water	freshwater		2000		0,755	µg/l	MODELKEY	UFZ
Dichloropropane-2,2	594-20-7	water	freshwater		2001		0,755	µg/l	MODELKEY	UFZ
Dichloropropene-1,1	563-58-6	water	freshwater		2000		0,243	µg/l	MODELKEY	UFZ
Dichloropropene-1,1	563-58-6	water	freshwater		2001		0,243	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 cis	10061-01-5	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 cis	10061-01-5	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Dichloropropene-1,3 cis	10061-01-5	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 cis	10061-01-5	water	freshwater		2003		0,031	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 cis	10061-01-5	water	freshwater		2004		0,031	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 trans	10061-02-6	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 trans	10061-02-6	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 trans	10061-02-6	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 trans	10061-02-6	water	freshwater		2003		0,022	µg/l	MODELKEY	UFZ
Dichloropropene-1,3 trans	10061-02-6	water	freshwater		2004		0,022	µg/l	MODELKEY	UFZ
Dichlorotoluene - alpha, alpha	98-87-3	water	freshwater		2001		0,25	µg/l	MODELKEY	UFZ
Dichlorprop (Propanoic acid, 2-(2,4-dichlorophenoxy)-)	120-36-5	water	freshwater		2001		0,02	µg/l	MODELKEY	UFZ
Dichlorprop (Propanoic acid, 2-(2,4-dichlorophenoxy)-)	120-36-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Dichlorprop (Propanoic acid, 2-(2,4-dichlorophenoxy)-)	120-36-5	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Dichlorprop (Propanoic acid, 2-(2,4-dichlorophenoxy)-)	120-36-5	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Dichlorvos	62-73-7	water	freshwater		2000		0,012	µg/l	MODELKEY	UFZ
Dichlorvos	62-73-7	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Dichlorvos	62-73-7	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Dichlorvos	62-73-7	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Dichlorvos	62-73-7	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Diclofenac	15307-86-5	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Dicloxacillin	3116-76-5	water	freshwater	filtered water	2010	0,002	0,006	µg/L	LPTC	LPTC
Diethyl phthalate (DEP)	84-66-2	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Diethylamine	109-89-7	water	freshwater		2001		10	µg/l	MODELKEY	UFZ
Diethylenetriaminepentaacetic acid (DTPA)	67-43-6	water	freshwater		2003		10	µg/l	MODELKEY	UFZ
Diethylenetriaminepentaacetic acid (DTPA)	67-43-6	water	freshwater		2004		10	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Diethylenetriaminepentaacetic acid (DTPA)	67-43-6	water	wastewater effluent		2007		0,001	µg/L	QUINTANA, J.B.;REEMSTMA T.Rapid and sensitive determination of ethylenediaminetetraacetic acid and diethylenetriaminepentaacetic acid in water samples by ion-pair reversed-phase liquid chromatography–electrospray tandem mass spectrometry.*J. Chromatogr. A*, 1145 (2007) 110-117	TGM
Dihexyl phtalate	84-75-3	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Diisobutyl phthalate	84-69-5	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Dimethoate	60-51-5	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
Dimethoate	60-51-5	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Dimethoate	60-51-5	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Dimethoate	60-51-5	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Dimethoate	60-51-5	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Dimethylamine	124-40-3	water	freshwater		2001		10	µg/l	MODELKEY	UFZ
Dimethylphenol-2,4	105-67-9	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Dimethylphenol-2,4	105-67-9	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Dimethylphenol-2,4	105-67-9	water	freshwater		2003		0,006	µg/l	MODELKEY	UFZ
Dimethylphenol-2,4	105-67-9	water	freshwater		2004		0,006	µg/l	MODELKEY	UFZ
Dimetylphthalate (DMP)	131-11-3	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Di-n-butylphthalate (DBP)	84-74-2	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Dinitrocresols	534-52-1	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Dinitrocresols	534-52-1	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Dinitrocresols	534-52-1	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Dinitrocresols	534-52-1	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Di-n-octylphthalate (DOP)	117-84-0	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Dinoseb	88-85-7	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Dinoseb	88-85-7	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Dinoseb	88-85-7	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Dinoseb	88-85-7	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Dinoterb	1420-07-1	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Dinoterb	1420-07-1	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Dinoterb	1420-07-1	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Dinoterb	1420-07-1	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Dipropyl phtalate	131-16-8	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Disulfoton	298-04-4	water	freshwater		2000		0,013	µg/l	MODELKEY	UFZ
Disulfoton	298-04-4	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Disulfoton	298-04-4	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
Disulfoton	298-04-4	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Disulfoton	298-04-4	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Dodecane	112-40-3	water	freshwater		2003		10	µg/l	MODELKEY	UFZ
Dodecane	112-40-3	water	freshwater		2004		10	µg/l	MODELKEY	UFZ
Doxepine	1668-19-5	water	freshwater	filtered water	2010	0,001	0,001	µg/L	LPTC	LPTC
Doxorubicin	25316-40-9	water	freshwater	filtered water	2010	0,051	0,152	µg/L	LPTC	LPTC
Doxycycline (anhydrous)	94088-85-4	water	freshwater	filtered water	2010	0,001	0,002	µg/L	LPTC	LPTC
Echio (Ethion)	563-12-2	water	freshwater		2000		0,004	µg/l	MODELKEY	UFZ
Echio (Ethion)	563-12-2	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Echio (Ethion)	563-12-2	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Echio (Ethion)	563-12-2	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Echio (Ethion)	563-12-2	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Endosulfan - alpha	959-98-8	water	freshwater		2000		0,0002	µg/l	MODELKEY	UFZ
Endosulfan - alpha	959-98-8	water	freshwater		2001		0,0002	µg/l	MODELKEY	UFZ
Endosulfan - alpha	959-98-8	water	freshwater		2002		0,0002	µg/l	MODELKEY	UFZ
Endosulfan - alpha	959-98-8	water	freshwater		2003		0,0002	µg/l	MODELKEY	UFZ
Endosulfan - alpha	959-98-8	water	freshwater		2004		0,0002	µg/l	MODELKEY	UFZ
Endosulfan-sulfate	1031-07-8	water	freshwater		2005		0,001	µg/L	MODELKEY	UFZ
Endosulfan-sulfate	1031-07-8	water	freshwater		2006		0,001	µg/L	MODELKEY	UFZ
Epoxiconazole	106325-08-0	water	freshwater		2006		0,01	µg/L	MODELKEY	UFZ
Epoxiconazole	106325-08-0	water	freshwater		2007		0,01	µg/L	MODELKEY	UFZ
Epoxiconazole	106325-08-0	water	freshwater		2008		0,01	µg/L	MODELKEY	UFZ
Eptenofos	23560-59-0	water	freshwater		2000		0,017	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Eptenofos	23560-59-0	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Eptenofos	23560-59-0	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Eptenofos	23560-59-0	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Eptenofos	23560-59-0	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Ethanol, 2-butoxy-, phosphate (3:1)	78-51-3	water	freshwater		2001		2	µg/l	MODELKEY	UFZ
Ethoprophos	13194-48-4	water	freshwater		2000		0,008	µg/l	MODELKEY	UFZ
Ethoprophos	13194-48-4	water	freshwater		2001		0,008	µg/l	MODELKEY	UFZ
Ethoprophos	13194-48-4	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Ethoprophos	13194-48-4	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Ethoprophos	13194-48-4	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Ethylbenzene	100-41-4	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Ethylbenzene	100-41-4	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Ethylbenzene	100-41-4	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
Ethylbenzene	100-41-4	water	freshwater		2003		0,043	µg/l	MODELKEY	UFZ
Ethylbenzene	100-41-4	water	freshwater		2004		0,043	µg/l	MODELKEY	UFZ
Ethylhexyl methoxycinnamate	5466-77-3	water	freshwater		2008		0,01	µg/L	MODELKEY	UFZ
Fenitrothion	122-14-5	water	freshwater		2000		0,009	µg/l	MODELKEY	UFZ
Fenitrothion	122-14-5	water	freshwater		2001		0,009	µg/l	MODELKEY	UFZ
Fenitrothion	122-14-5	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Fenitrothion	122-14-5	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Fenitrothion	122-14-5	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Fenthion	55-38-9	water	freshwater		2000		0,011	µg/l	MODELKEY	UFZ
Fenthion	55-38-9	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Fenthion	55-38-9	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Fenthion	55-38-9	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Fenthion	55-38-9	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
flufenacet	142459-58-3	water	freshwater		2007		0,01	µg/L	MODELKEY	UFZ
flufenacet	142459-58-3	water	freshwater		2008		0,01	µg/L	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
flufenacet	142459-58-3	water	ground-/drinking water		2009		0,0002	µg/L	report Eawag	Eawag
Fluorene	86-73-7	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Fluorene	86-73-7	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Fluorene	86-73-7	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Fluorene	86-73-7	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Fluorene	86-73-7	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Fluorouracil	51-21-8	water	raw wastewater		2009		0,005	µg/L	J. Chromatogr. A 1216: 1100-1108	Eawag
Flusilazole	85509-19-9	water	freshwater	whole water	2009	0,002	0,005	µg/l	internal validation file	Amalric L BRGM
Flusilazole	85509-19-9	water	ground-/drinking water		2009		0,01	µg/L	report Eawag	Eawag
Fonofos	944-22-9	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Fonofos	944-22-9	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Fonofos	944-22-9	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Fosfamidone	13171-21-6	water	freshwater		2000		0,025	µg/l	MODELKEY	UFZ
Fosfamidone	13171-21-6	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Fosfamidone	13171-21-6	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Fosfamidone	13171-21-6	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Fosfamidone	13171-21-6	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Gentamicin	1403-66-3	water	wastewater effluent		2010		1,6	µg/l	report Eawag	Eawag
Gentamicin	1403-66-3	water	wastewater effluent		2003		0,200	µg/L	J. Chrom. A 1000 (2003) 583-588	TGM
Glyphosate (Phosphonomethyliminoacetic acid)	1071-83-6	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Glyphosate (Phosphonomethyliminoacetic acid)	1071-83-6	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Glyphosate (Phosphonomethyliminoacetic acid)	1071-83-6	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Glyphosate (Phosphonomethyliminoacetic acid)	1071-83-6	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Heptachlor	76-44-8	water	freshwater		2005		0,002	µg/l	MODELKEY	UFZ
Heptachlor	76-44-8	water	freshwater		2006		0,002	µg/l	MODELKEY	UFZ
Heptachlor	76-44-8	water	freshwater		2007		0,005	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Heptachlor	76-44-8	water	freshwater		2008		0,005	µg/l	MODELKEY	UFZ
Heptachlor epoxide	1024-57-3	water	freshwater		2005		0,002	µg/l	MODELKEY	UFZ
Heptachlor epoxide	1024-57-3	water	freshwater		2006		0,002	µg/l	MODELKEY	UFZ
Heptachlor epoxide	1024-57-3	water	freshwater		2008		0,01	µg/l	MODELKEY	UFZ
Heptane	142-82-5	water	freshwater		2003		0,7	µg/l	MODELKEY	UFZ
Heptane	142-82-5	water	freshwater		2004		0,7	µg/l	MODELKEY	UFZ
Hexachloroethane	67-72-1	water	freshwater		2001		0,5	µg/l	MODELKEY	UFZ
Hexachloroethane	67-72-1	water	freshwater		2002		0,5	µg/l	MODELKEY	UFZ
Hexachloroethane	67-72-1	water	freshwater		2003		0,057	µg/l	MODELKEY	UFZ
Hexachloroethane	67-72-1	water	freshwater		2004		0,057	µg/l	MODELKEY	UFZ
Hexazinone	51235-04-2	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
Hexazinone	51235-04-2	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Hexazinone	51235-04-2	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Hexazinone	51235-04-2	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Hexazinone	51235-04-2	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Ibuprofen	15687-27-1	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Ibuprofen 1-hydroxy	53949-53-4	water	freshwater	filtered water	2009	0,020	0,056	µg/l	internal validation file	Amalric L BRGM
Ibuprofen 2-hydroxy	51146-55-5	water	freshwater	filtered water	2009	0,015	0,045	µg/l	internal validation file	Amalric L BRGM
Ifosfamide	3778-73-2	water	freshwater	filtered water	2010	0,001	0,003	µg/L	LPTC	LPTC
Iminostilbene	256-96-2	water	wastewater effluent		2010		0,02	µg/L	report Eawag	Eawag
Ioxynil	1689-83-4	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Ioxynil	1689-83-4	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Ioxynil	1689-83-4	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Ioxynil	1689-83-4	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Isobenzan (Telodrin)	297-78-9	water	freshwater		2000		0,002	µg/l	MODELKEY	UFZ
Isobenzan (Telodrin)	297-78-9	water	freshwater		2001		0,002	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Isobenzan (Telodrin)	297-78-9	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
Isobenzan (Telodrin)	297-78-9	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ
Isobenzan (Telodrin)	297-78-9	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Josamycin	16846-24-5	water	freshwater	filtered water	2010	0,002	0,006	µg/L	LPTC	LPTC
Levetiracetam	102767-28-2	water	wastewater effluent		2009		0,01	µg/L	Hollender et al., ES&T 2009, 43:7862-7869	Eawag
Lovastatin	75330-75-5	water	freshwater		2008	0,0065	0,0196	µg/L	J. Chrom. A, 1185 (2008) 206-215	TGM
Lovastatin	75330-75-5	water	freshwater		2003	0,0001	0,0003	µg/L	J. Chromatogr. A 998 (2003) 133–141	TGM
Lovastatin	75330-75-5	water	wastewater effluent		2003	0,0009	0,0027	µg/L	J. Chromatogr. A 998 (2003) 133–141	TGM
Malathion	121-75-5	water	freshwater		2000		0,005	µg/l	MODELKEY	UFZ
Malathion	121-75-5	water	freshwater		2001		0,005	µg/l	MODELKEY	UFZ
Malathion	121-75-5	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Malathion	121-75-5	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Malathion	121-75-5	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Marbofloxacin	115550-35-1	water	freshwater	filtered water	2010	0,001	0,0014	µg/L	LPTC	LPTC
Meclofenamic acid	644-62-2	water	freshwater		2007	0,0001	0,0003	µg/L	J. Chromatogr. A 1154 (2007) 205–213	TGM
Mecoprop (MCPP)	7085-19-0	water	freshwater		2005		0,003	µg/L	MODELKEY	UFZ
Mecoprop (MCPP)	7085-19-0	water	freshwater		2006		0,003	µg/L	MODELKEY	UFZ
Mecoprop (MCPP)	7085-19-0	water	freshwater		2007		0,002	µg/L	MODELKEY	UFZ
Mecoprop (MCPP)	7085-19-0	water	freshwater		2008		0,002	µg/L	MODELKEY	UFZ
Mecoprop (MCPP)	7085-19-0	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Mecoprop (MCPP)	7085-19-0	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Mecoprop (MCPP)	7085-19-0	water	freshwater		2003		0,05	µg/l	MODELKEY	UFZ
Mecoprop (MCPP)	7085-19-0	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
Mecoprop-P	16484-77-8	water	freshwater		2010		0,006	µg/L	Singer et al. (2010) Environ. Pollut. 158, 3054-3064	Eawag
Mecoprop-P	16484-77-8	water	ground-/drinking water		2009		0,001	µg/L	report Eawag	Eawag

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Mecoprop-P	16484-77-8	water	wastewater effluent		2009		0,02	µg/L	Hollender et al., ES&T 2009, 43:7862-7869	Eawag
Mestranol	72-33-3	water	freshwater		2006		0,0003	µg/L	MODELKEY	UFZ
Metazachlor	67129-08-2	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ
Metazachlor	67129-08-2	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Metazachlor	67129-08-2	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Metazachlor	67129-08-2	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Metazachlor	67129-08-2	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Methabenzthiazuron	18691-97-9	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ
Methabenzthiazuron	18691-97-9	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Methabenzthiazuron	18691-97-9	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Methabenzthiazuron	18691-97-9	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Methabenzthiazuron	18691-97-9	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Methamidophos	10265-92-6	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Methamidophos	10265-92-6	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Methidathion	950-37-8	water	freshwater		2000		0,014	µg/l	MODELKEY	UFZ
Methidathion	950-37-8	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Methidathion	950-37-8	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Methidathion	950-37-8	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Methidathion	950-37-8	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Methoxychlor	72-43-5	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Methoxychlor	72-43-5	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Methoxychlor	72-43-5	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Methoxychlor	72-43-5	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Methoxychlor	72-43-5	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Methyl bromide	74-83-9	water	freshwater		2000		2,453	µg/l	MODELKEY	UFZ
Methylbenzotriazole	29385-42-1	water	freshwater		2006	0,0030	0,0090	µg/L	Environ. Sci. Technol. 2006, 40, 7186-7192	TGM
Methylbenzotriazole	29385-42-1	water	wastewater effluent		2009		0,012	µg/L	Hollender et al., ES&T 2009, 43:7862-7869	Eawag

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Methyl-tert-butyl ether (MTBE)	1634-04-4	water	freshwater		2003		6	µg/l	MODELKEY	UFZ
Methyl-tert-butyl ether (MTBE)	1634-04-4	water	freshwater		2004		6	µg/l	MODELKEY	UFZ
Metobromuron	3060-89-7	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Metobromuron	3060-89-7	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Metobromuron	3060-89-7	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Metolachlor	51218-45-2	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ
Metolachlor	51218-45-2	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Metolachlor	51218-45-2	water	freshwater		2002		0,0002	µg/l	MODELKEY	UFZ
Metolachlor	51218-45-2	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
Metolachlor	51218-45-2	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
Metoxuron	19937-59-8	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ
Metoxuron	19937-59-8	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Metoxuron	19937-59-8	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Metoxuron	19937-59-8	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Metoxuron	19937-59-8	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Metrifonate (Trichlorfon)	52-68-6	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Metrifonate (Trichlorfon)	52-68-6	water	freshwater		2002		0,002	µg/l	MODELKEY	UFZ
Metrifonate (Trichlorfon)	52-68-6	water	freshwater		2003		0,04	µg/l	MODELKEY	UFZ
Mevinphos	7786-34-7	water	freshwater		2000		0,017	µg/l	MODELKEY	UFZ
Mevinphos	7786-34-7	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Mevinphos	7786-34-7	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Mevinphos	7786-34-7	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Mevinphos	7786-34-7	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Molinate	2212-67-1	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
Molinate	2212-67-1	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Molinate	2212-67-1	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Molinate	2212-67-1	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Molinate	2212-67-1	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Monolinuron	1746-81-2	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Monolinuron	1746-81-2	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Monolinuron	1746-81-2	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Monolinuron	1746-81-2	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Morphine	57-27-2	water	freshwater		2010	0,0040	0,0120	µg/L	Iria González-Mari˜no, José Benito Quintana∗, Isaac Rodríguez, Rafael Cela: J. Chromatogr. A, 1217 (2010) 1748–1760	TGM
Muscone	541-91-3	water	freshwater		2008		0,002	µg/L	MODELKEY	UFZ
Nandrolone	434-22-0	water	freshwater		2011	0,0006	0,0018	µg/L	Hong Chang, Yi Wan, Shimin Wu, Zhanlan Fan, Jianying Hu: Wat. Res. 4 5 (2 0 1 1) 7 3 2 -7 4 0	TGM
Naphthalene sulphonic acid	120-18-3	water	freshwater		1999	0,1000	0,3000	µg/L	J. Chromatogr. A 854 (1999) 187 –195	TGM
Naphthalene sulphonic acid	120-18-3	water	wastewater effluent		1999	0,0300	0,0900	µg/L	Anal. Chem. 1999, 71, 2586-2593	TGM
n-Butyl acetate	123-86-4	water	freshwater		2003		4	µg/l	MODELKEY	UFZ
n-Butyl acetate	123-86-4	water	freshwater		2004		4	µg/l	MODELKEY	UFZ
N-butylbenzene	104-51-8	water	freshwater		2000		0,549	µg/l	MODELKEY	UFZ
N-butylbenzene	104-51-8	water	freshwater		2001		0,549	µg/l	MODELKEY	UFZ
N-butylbenzene	104-51-8	water	freshwater		2002		0,549	µg/l	MODELKEY	UFZ
N-butylbenzene	104-51-8	water	freshwater		2003		0,076	µg/l	MODELKEY	UFZ
N-butylbenzene	104-51-8	water	freshwater		2004		0,076	µg/l	MODELKEY	UFZ
Neomycin B	1404-04-2	water	freshwater		2006	1,500	4,500	µg/L	J. Chromatogr. A 1117 (2006) 176–183	TGM
n-Hexane	110-54-3	water	freshwater		2003		0,7	µg/l	MODELKEY	UFZ
n-Hexane	110-54-3	water	freshwater		2004		0,7	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Nitrilotriacetic acid (NTA)	139-13-9	water	freshwater		2008		0,0005	µg/L	VÚV TGM SOP SOA-8,	TGM
Nitrobenzene	98-95-3	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
Nitrobenzene	98-95-3	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Nitrobenzene	98-95-3	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Nitrobenzene	98-95-3	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Nitrobenzene	98-95-3	water	freshwater		2004		0,05	µg/l	MODELKEY	UFZ
N-nitrosodiethylamine (NDEA)	55-18-5	water	ground-/drinking water		2008		0,0007	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-nitrosodiethylamine (NDEA)	55-18-5	water	wastewater effluent		2008		0,0003	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-Nitrosodiphenylamine (NDPA)	86-30-6	water	ground-/drinking water		2008		0,0008	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-Nitrosodiphenylamine (NDPA)	86-30-6	water	wastewater effluent		2008		0,0011	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-nitrosomethylethylamine (NMEA)	10595-95-6	water	ground-/drinking water		2008		0,0009	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-nitrosomethylethylamine (NMEA)	10595-95-6	water	wastewater effluent		2008		0,0015	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-Nitrosopiperidine (NPIP)	100-75-4	water	ground-/drinking water		2008		0,0001	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-Nitrosopiperidine (NPIP)	100-75-4	water	wastewater effluent		2008		0,0022	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-Nitrosopyrrolidine (NPYR)	930-55-2	water	ground-/drinking water		2008		0,001	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
N-Nitrosopyrrolidine (NPYR)	930-55-2	water	wastewater effluent		2008		0,003	µg/L	Krauss, Hollender, Anal. Chem. 2008, 80: 834-842	Eawag
Nonane	111-84-2	water	freshwater		2003		1,5	µg/l	MODELKEY	UFZ
Nonane	111-84-2	water	freshwater		2004		1,5	µg/l	MODELKEY	UFZ
N-propylbenzene	103-65-1	water	freshwater		2000		0,306	µg/l	MODELKEY	UFZ
N-propylbenzene	103-65-1	water	freshwater		2001		0,306	µg/l	MODELKEY	UFZ
N-propylbenzene	103-65-1	water	freshwater		2002		0,306	µg/l	MODELKEY	UFZ
N-propylbenzene	103-65-1	water	freshwater		2003		0,078	µg/l	MODELKEY	UFZ
N-propylbenzene	103-65-1	water	freshwater		2004		0,078	µg/l	MODELKEY	UFZ
o-Benzyl-p-chlorophenol (Chlorophene)	120-32-1	water	freshwater		2005		0,012	µg/L	MODELKEY	UFZ
o-Benzyl-p-chlorophenol (Chlorophene)	120-32-1	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
o-Benzyl-p-chlorophenol (Chlorophene)	120-32-1	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
o-Benzyl-p-chlorophenol (Chlorophene)	120-32-1	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
o-Cresol	95-48-7	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
o-Cresol	95-48-7	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
o-Cresol	95-48-7	water	freshwater		2003		0,017	µg/l	MODELKEY	UFZ
o-Cresol	95-48-7	water	freshwater		2004		0,017	µg/l	MODELKEY	UFZ
Octane	111-65-9	water	freshwater		2003		1,5	µg/l	MODELKEY	UFZ
Octane	111-65-9	water	freshwater		2004		1,5	µg/l	MODELKEY	UFZ
Omethoate	1113-02-6	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Omethoate	1113-02-6	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Orbencarb	34622-58-7	water	ground-/drinking water		2009		0,01	µg/L	report Eawag	Eawag
Oxacillin	66-79-5	water	freshwater	filtered water	2010	0,001	0,004	µg/L	LPTC	LPTC
Oxadiazon	19666-30-9	water	freshwater	whole water	2009	0,015	0,05	µg/L	internal validation file	Amalric L BRGM
Oxadixyl	77732-09-3	water	freshwater	whole water	2009	0,003	0,01	µg/L	internal validation file	Amalric L BRGM
Oxydemeton-methyl	301-12-2	water	freshwater		2001		0,017	µg/l	MODELKEY	UFZ
Parathion	56-38-2	water	freshwater		2000		0,007	µg/l	MODELKEY	UFZ
Parathion	56-38-2	water	freshwater		2001		0,007	µg/l	MODELKEY	UFZ
Parathion	56-38-2	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Parathion	56-38-2	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Parathion	56-38-2	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Parathion methyl	298-00-0	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
Parathion methyl	298-00-0	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Parathion methyl	298-00-0	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Parathion methyl	298-00-0	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Parathion methyl	298-00-0	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
p-Cresol	106-44-5	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
p-Cresol	106-44-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
p-Cresol	106-44-5	water	freshwater		2003		0,017	µg/l	MODELKEY	UFZ
p-Cresol	106-44-5	water	freshwater		2004		0,017	µg/l	MODELKEY	UFZ
P-cymene	99-87-6	water	freshwater		2000		0,406	µg/l	MODELKEY	UFZ
P-cymene	99-87-6	water	freshwater		2001		0,406	µg/l	MODELKEY	UFZ
P-cymene	99-87-6	water	freshwater		2002		0,406	µg/l	MODELKEY	UFZ
P-cymene	99-87-6	water	freshwater		2003		0,043	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
P-cymene	99-87-6	water	freshwater		2004		0,043	µg/l	MODELKEY	UFZ
Penicillin G	61-33-6	water	freshwater	filtered water	2010	0,001	0,003	µg/L	LPTC	LPTC
Penicillin G	61-33-6	water	freshwater		2009	0,060	0,200	µg/L	J. Chromatogr. A 1216 (2009) 8355–8361	TGM
Penicillin G	61-33-6	water	freshwater		2001	0,005	0,016	µg/L	J. Chromatogr. A 938 (2001) 199–210	TGM
Penicillin G	61-33-6	water	wastewater effluent		2009	0,011	0,032	µg/L	Analytica Chimica Acta 645 (2009) 64–72	TGM
Penicillin V	87-08-1	water	freshwater	filtered water	2010	0,001	0,004	µg/L	LPTC	LPTC
Penicillin V	87-08-1	water	freshwater		2009	0,0600	0,2000	µg/L	J. Chromatogr. A 1216 (2009) 8355–8361	TGM
Penicillin V	87-08-1	water	freshwater		2001	0,0065	0,0210	µg/L	J. Chromatogr. A 938 (2001) 199–210	TGM
Pentachloronitrobenzene (quintozene)	82-68-8	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Pentachloronitrobenzene (quintozene)	82-68-8	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Pentane	109-66-0	water	freshwater		2003		0,5	µg/l	MODELKEY	UFZ
Pentane	109-66-0	water	freshwater		2004		0,5	µg/l	MODELKEY	UFZ
Perfluorobutanesulfonate (PFBS) (anion)	45187-15-3	water	freshwater		2010		0,001	µg/L	report Eawag	Eawag
Perfluorobutanesulfonate (PFBS) (anion)	45187-15-3	water	ground-/drinking water		2010		0,001	µg/L	report Eawag	Eawag
Perfluorobutanesulfonate (PFBS) (anion)	45187-15-3	water	marine water		2010	0,020	0,040	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry.*Journal of Chromatography A*, 1217 (2010) 6616–6622	TGM
Perfluorobutanesulfonate (PFBS) (anion)	45187-15-3	water	wastewater effluent		2010		0,001	µg/L	report Eawag	Eawag

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Perfluorobutanesulfonate (PFBS) (anion)	45187-15-3	water	wastewater effluent		2010	0,050	0,100	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry.*Journal of Chromatography A*, 1217 (2010) 6616–6622	TGM
Perfluorodecane sulfonate (PFDS)	335-77-3	water	marine water		2010	0,0100	0,0200	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry.*Journal of Chromatography A*, 1217 (2010) 6616–6622	TGM
Perfluorodecane sulfonate (PFDS)	335-77-3	sediment	sewage sludge		2008		10	µg/kg dry weight	Sun et al. 2011, Environ. Pollut. 159, 654-662	Eawag
Perfluorodecane sulfonate (PFDS)	335-77-3	water	wastewater effluent		2010	0,0100	0,0200	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry.*Journal of Chromatography A*, 1217 (2010) 6616–6622	TGM

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Perfluorodecane sulfonate (PFDS) (anion)	126105-34-8	water	marine water		2010	0,001	0,002	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry.*Journal of Chromatography A*, 1217 (2010) 6616–6622	TGM
Perfluorodecane sulfonate (PFDS) (anion)	126105-34-8	water	wastewater effluent		2010	0,005	0,010	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry.*Journal of Chromatography A*, 1217 (2010) 6616–6622	TGM
Perfluorooctane sulfonate (PFOS) - anion	45298-90-6	water	freshwater		2010		0,0005	µg/L	report Eawag	Eawag
Perfluorooctane sulfonate (PFOS) - anion	45298-90-6	water	ground-/drinking water		2010		0,0001	µg/L	report Eawag	Eawag
Perfluorooctane sulfonate (PFOS) - anion	45298-90-6	sediment	sewage sludge		2008		10	µg/kg dry weight	Sun et al. 2011, Environ. Pollut. 159, 654-662	Eawag
Perfluorooctane sulfonate (PFOS) - anion	45298-90-6	water	wastewater effluent		2010		0,0001	µg/L	report Eawag	Eawag
Perylene	198-55-0	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Perylene	198-55-0	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Perylene	198-55-0	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Phenanthrene	85-01-8	water	freshwater		2000		0,003	µg/l	MODELKEY	UFZ
Phenanthrene	85-01-8	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Phenanthrene	85-01-8	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
Phenanthrene	85-01-8	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
Phenanthrene	85-01-8	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
Phenazone	60-80-0	water	freshwater		2004		0,025	µg/l	MODELKEY	UFZ
Phenol	108-95-2	water	freshwater		2000		30	µg/l	MODELKEY	UFZ
Phenol	108-95-2	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Phenol	108-95-2	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Phenol	108-95-2	water	freshwater		2003		0,002	µg/l	MODELKEY	UFZ
Phenol	108-95-2	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
phoxime	14816-18-3	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
phoxime	14816-18-3	water	freshwater		2002		0,008	µg/l	MODELKEY	UFZ
phoxime	14816-18-3	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Pirimicarb	23103-98-2	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Pirimicarb	23103-98-2	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Pirimicarb	23103-98-2	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Pirimiphos-methyl	29232-93-7	water	freshwater		2000		0,014	µg/l	MODELKEY	UFZ
Pirimiphos-methyl	29232-93-7	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Pirimiphos-methyl	29232-93-7	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Pirimiphos-methyl	29232-93-7	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Pirimiphos-methyl	29232-93-7	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Primidone	125-33-7	water	freshwater		2005		0,015	µg/L	MODELKEY	UFZ
Primidone	125-33-7	water	freshwater		2006		0,015	µg/L	MODELKEY	UFZ
Primidone	125-33-7	water	freshwater		2007		0,015	µg/L	MODELKEY	UFZ
Primidone	125-33-7	water	freshwater		2008		0,015	µg/L	MODELKEY	UFZ
Prometon	1610-18-0	water	freshwater		2000		0,004	µg/l	MODELKEY	UFZ
Prometon	1610-18-0	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Prometon	1610-18-0	water	freshwater		2006		0,500	µg/l	2006 WQ Monitoring Report - Minnesota Dept. of Agriculture	TGM
Prometryn	7287-19-6	water	freshwater		2000		0,004	µg/l	MODELKEY	UFZ
Prometryn	7287-19-6	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Prometryn	7287-19-6	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Prometryn	7287-19-6	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Prometryn	7287-19-6	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Propachlor	1918-16-7	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Propachlor	1918-16-7	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Propachlor	1918-16-7	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Propachlor	1918-16-7	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Propachlor	1918-16-7	water	freshwater		1996	5,0000	15,0000	µg/L	J. Chromatogr. A 740 (1996) 83-98	TGM
Propachlor	1918-16-7	water	freshwater		1995	32,0000	96,0000	µg/L	Journal of the American Society for Mass Spectrometry, 1995 6 (11), p1119	TGM
Propanil	709-98-8	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Propanil	709-98-8	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Propanil	709-98-8	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Propanil	709-98-8	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Propazine	139-40-2	water	freshwater		2000		0,004	µg/l	MODELKEY	UFZ
Propazine	139-40-2	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Propazine	139-40-2	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
Propazine	139-40-2	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
Propazine	139-40-2	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
propyzamide	23950-58-5	water	freshwater	whole water	2009	0,002	0,005	µg/L	internal validation file	Amalric L BRGM
propyzamide	23950-58-5	water	freshwater		2007		0,005	µg/L	MODELKEY	UFZ
propyzamide	23950-58-5	water	freshwater		2008		0,005	µg/L	MODELKEY	UFZ
p-tert-Amylphenol (4-(1,1-Dimethylpropyl)phenol)	80-46-6	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Pyrene	129-00-0	water	freshwater		2000		0,002	µg/l	MODELKEY	UFZ
Pyrene	129-00-0	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Pyrene	129-00-0	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
Pyrene	129-00-0	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
Pyrene	129-00-0	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
Salbutamol	35763-26-9	water	freshwater	filtered water	2010	0,001	0,001	µg/L	LPTC	LPTC

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Sebuthylazine	7286-69-3	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ
Sebuthylazine	7286-69-3	water	freshwater		2001		0,03	µg/l	MODELKEY	UFZ
Sebuthylazine	7286-69-3	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Sebuthylazine	7286-69-3	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Sebuthylazine	7286-69-3	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Secbumeton	26259-45-0	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Streptomycin	57-92-1	water	freshwater		2006	7,50	22,50	µg/L	J. Chromatogr. A 1117 (2006) 176–183	TGM
Styrene	100-42-5	water	freshwater		2000		0,184	µg/l	MODELKEY	UFZ
Styrene	100-42-5	water	freshwater		2001		0,184	µg/l	MODELKEY	UFZ
Styrene	100-42-5	water	freshwater		2002		0,184	µg/l	MODELKEY	UFZ
Styrene	100-42-5	water	freshwater		2003		0,069	µg/l	MODELKEY	UFZ
Styrene	100-42-5	water	freshwater		2004		0,069	µg/l	MODELKEY	UFZ
Sucralose	56038-13-2	water	wastewater effluent		2009		0,05	µg/L	Hollender et al., ES&T 2009, 43:7862-7869	Eawag
Sulfotep	3689-24-5	water	freshwater		2000		0,016	µg/l	MODELKEY	UFZ
Sulfotep	3689-24-5	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Tecnazene	117-18-0	water	freshwater		2000		0,001	µg/l	MODELKEY	UFZ
Tecnazene	117-18-0	water	freshwater		2001		0,001	µg/l	MODELKEY	UFZ
Tecnazene	117-18-0	water	freshwater		2002		0,001	µg/l	MODELKEY	UFZ
Tecnazene	117-18-0	water	freshwater		2003		0,001	µg/l	MODELKEY	UFZ
Tecnazene	117-18-0	water	freshwater		2004		0,001	µg/l	MODELKEY	UFZ
Terbufos	13071-79-9	water	freshwater		2002		0,03	µg/l	MODELKEY	UFZ
Terbufos	13071-79-9	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Terbutaline	23031-25-6	water	freshwater	filtered water	2010	0,001	0,001	µg/L	LPTC	LPTC
Terbutaline	23031-25-6	water	freshwater		2001	0,005	0,015	µg/L	J. Chromatogr. A 938 (2001) 199–210	TGM
Terbutaline	23031-25-6	water	wastewater effluent		2010		0,00002	µg/L	J. Chromatogr. A 1217 (2010) 4212–4222	TGM
terbuthylazine	5915-41-3	water	freshwater		2000		0,03	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
terbuthylazine	5915-41-3	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
terbuthylazine	5915-41-3	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
terbuthylazine	5915-41-3	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
terbuthylazine	5915-41-3	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
Terbutryn	886-50-0	water	freshwater		2000		0,004	µg/l	MODELKEY	UFZ
Terbutryn	886-50-0	water	freshwater		2001		0,004	µg/l	MODELKEY	UFZ
Terbutryn	886-50-0	water	freshwater		2002		0,004	µg/l	MODELKEY	UFZ
Terbutryn	886-50-0	water	freshwater		2003		0,004	µg/l	MODELKEY	UFZ
Terbutryn	886-50-0	water	freshwater		2004		0,004	µg/l	MODELKEY	UFZ
Tetrabromo bisphenol A (TBBPA)	79-94-7	biota	biota	fish	2009		0,0058		µg/kg wet weight	
Tetrabromo bisphenol A (TBBPA)	79-94-7	sediment	sediment	freeze-dried whole sediment	2009		0,1	µg/kg dry weight	Harrad et al. 2009, Environ Sci Technol 43:9077-9083	Heinz Ruedel
Tetrabutyltin compounds - Tetrabutyl tin	1461-25-2	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Tetrabutyltin compounds - Tetrabutyl tin	1461-25-2	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Tetrabutyltin compounds - Tetrabutyl tin	1461-25-2	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Tetrabutyltin compounds - Tetrabutyl tin	1461-25-2	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Tetrabutyltin compounds - Tetrabutyl tin	1461-25-2	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Tetrachloroethane-1,1,1,2	630-20-6	water	freshwater		2000		0,01	µg/l	MODELKEY	UFZ
Tetrachloroethane-1,1,1,2	630-20-6	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Tetrachloroethane-1,1,1,2	630-20-6	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Tetrachloroethane-1,1,1,2	630-20-6	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Tetrachloroethane-1,1,1,2	630-20-6	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Tetrachloromethane	56-23-5	water	freshwater		2005	0,001	0,003	µg/L	Taniyasu S., Kannan K. et al.:Analysis of fluorotelomer alcohols, fluorotelomer acids, and short- and long-chain perfluorinated acids in water and biota.*Journal of Chromatography A*, 1093 (2005) 89–97	TGM

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Tetrachloromethane	56-23-5	water	freshwater		2010	0,008	0,015	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated	TGM
Tetrachloromethane	56-23-5	water	freshwater		2011		0,00014	µg/L	Labadie P., Chevreuil M.:Partitioning behaviour of perfluorinated alkyl contaminants between water, sediment and fish in the Orge River.*Environmental Pollution* 159 (2011) 391-397	TGM
Tetrachloromethane	56-23-5	water	marine water		2010	0,001	0,002	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry.*Journal of Chromatography A*, 1217 (2010) 6616–6622	TGM
Tetrachloromethane	56-23-5	water	wastewater effluent		2010	0,005	0,010	µg/L	Wille K.,Vanden Bussche J. et al.:A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry.*Journal of Chromatography A*, 1217 (2010) 6616–6622	TGM
Tetrachlorophenol-2,3,4,5	4901-51-3	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
Tetrachlorophenol-2,3,4,5	4901-51-3	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Tetrachlorophenol-2,3,4,5	4901-51-3	water	freshwater		2003		0,013	µg/l	MODELKEY	UFZ
Tetrachlorophenol-2,3,4,5	4901-51-3	water	freshwater		2004		0,013	µg/l	MODELKEY	UFZ
Tetrachlorophenol-2,3,5,6	935-95-5	water	freshwater		2000		0,015	µg/l	MODELKEY	UFZ
Tetrachlorophenol-2,3,5,6	935-95-5	water	freshwater		2001		0,05	µg/l	MODELKEY	UFZ
Tetrachlorophenol-2,3,5,6	935-95-5	water	freshwater		2002		0,05	µg/l	MODELKEY	UFZ
Tetrachlorophenol-2,3,5,6	935-95-5	water	freshwater		2003		0,012	µg/l	MODELKEY	UFZ
Tetrachlorophenol-2,3,5,6	935-95-5	water	freshwater		2004		0,012	µg/l	MODELKEY	UFZ
Tolclofos-methyl	57018-04-9	water	freshwater		2000		0,012	µg/l	MODELKEY	UFZ
Tolclofos-methyl	57018-04-9	water	freshwater		2001		0,01	µg/l	MODELKEY	UFZ
Tolclofos-methyl	57018-04-9	water	freshwater		2002		0,01	µg/l	MODELKEY	UFZ
Tolclofos-methyl	57018-04-9	water	freshwater		2003		0,01	µg/l	MODELKEY	UFZ
Tolclofos-methyl	57018-04-9	water	freshwater		2004		0,005	µg/l	MODELKEY	UFZ
Toluene	108-88-3	water	freshwater		2000		0,082	µg/l	MODELKEY	UFZ
Toluene	108-88-3	water	freshwater		2001		0,082	µg/l	MODELKEY	UFZ
Toluene	108-88-3	water	freshwater		2002		0,082	µg/l	MODELKEY	UFZ
Toluene	108-88-3	water	freshwater		2003		0,03	µg/l	MODELKEY	UFZ
Toluene	108-88-3	water	freshwater		2004		0,03	µg/l	MODELKEY	UFZ
Tramadol	27203-92-5	water	wastewater effluent		2009		0,01	µg/L	Hollender et al., ES&T 2009, 43:7862-7869	Eawag
Triazophos	24017-47-8	water	freshwater		2000		0,021	µg/l	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Triazophos	24017-47-8	water	freshwater		2001		0,02	µg/l	MODELKEY	UFZ
Triazophos	24017-47-8	water	freshwater		2002		0,02	µg/l	MODELKEY	UFZ
Triazophos	24017-47-8	water	freshwater		2003		0,02	µg/l	MODELKEY	UFZ
Triazophos	24017-47-8	water	freshwater		2004		0,01	µg/l	MODELKEY	UFZ
Tributyl phosphate	126-73-8	water	freshwater		2001		2	µg/l	MODELKEY	UFZ
Tri-iso-butylphosphate (TIBP)	126-71-6	water	freshwater		2005		0,005	µg/L	MODELKEY	UFZ
Tri-iso-butylphosphate (TIBP)	126-71-6	water	freshwater		2006		0,005	µg/L	MODELKEY	UFZ
Tri-iso-butylphosphate (TIBP)	126-71-6	water	freshwater		2007		0,005	µg/L	MODELKEY	UFZ
Tri-iso-butylphosphate (TIBP)	126-71-6	water	freshwater		2008		0,005	µg/L	MODELKEY	UFZ
Trimethylbenzene-1,2,4	95-63-6	water	freshwater		2000		0,195	µg/l	MODELKEY	UFZ
Trimethylbenzene-1,2,4	95-63-6	water	freshwater		2001		0,195	µg/l	MODELKEY	UFZ
Trimethylbenzene-1,2,4	95-63-6	water	freshwater		2002		0,195	µg/l	MODELKEY	UFZ
Trimethylbenzene-1,2,4	95-63-6	water	freshwater		2003		0,068	µg/l	MODELKEY	UFZ
Trimethylbenzene-1,2,4	95-63-6	water	freshwater		2004		0,068	µg/l	MODELKEY	UFZ
Triphenyltin compounds - Triphenyltin cation	668-34-8	water	freshwater		2005		0,01	µg/L	MODELKEY	UFZ
Triphenyltin compounds - Triphenyltin cation	668-34-8	water	freshwater		2006		1E-05	µg/L	MODELKEY	UFZ
Triphenyltin compounds - Triphenyltin cation	668-34-8	water	freshwater		2008		0,0002	µg/L	MODELKEY	UFZ
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	water	freshwater		2006		0,01	µg/L	MODELKEY	UFZ
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	water	freshwater		2007		0,01	µg/L	MODELKEY	UFZ

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	water	freshwater		2008		0,01	µg/L	MODELKEY	UFZ
Tris(2chloroisopropyl)phosphate (TCPP)	13674-84-5	water	freshwater		2005		0,005	µg/L	MODELKEY	UFZ
Tris(2chloroisopropyl)phosphate (TCPP)	13674-84-5	water	freshwater		2006		0,005	µg/L	MODELKEY	UFZ
Tris(2chloroisopropyl)phosphate (TCPP)	13674-84-5	water	freshwater		2007		0,005	µg/L	MODELKEY	UFZ
Tris(2chloroisopropyl)phosphate (TCPP)	13674-84-5	water	freshwater		2008		0,005	µg/L	MODELKEY	UFZ
Tris(2chloroisopropyl)phosphate (TCPP)	13674-84-5	water	wastewater effluent	whole water	2004		0,1	µg/L	Bester 2005, J Environ Monit 7:509-513	Heinz Ruedel
Tylosin	1401-69-0	water	freshwater	filtered water	2010	0,003	0,009	µg/L	LPTC	LPTC

Substance name	CAS	Grouped matrices	Matrix *	Fraction analysed	Year*	LOD	LOQ	Unit*	Reference*	Data provided by
Undecane	1120-21-4	water	freshwater		2003		3	µg/l	MODELKEY	UFZ
Undecane	1120-21-4	water	freshwater		2004		3	µg/l	MODELKEY	UFZ
Xylene (mixed isomers)	1330-20-7	water	freshwater		2000		0,1	µg/l	MODELKEY	UFZ
Xylene (mixed isomers)	1330-20-7	water	freshwater		2001		0,1	µg/l	MODELKEY	UFZ
Xylene (mixed isomers)	1330-20-7	water	freshwater		2002		0,1	µg/l	MODELKEY	UFZ
Xylene (mixed isomers)	1330-20-7	water	freshwater		2003		0,1	µg/l	MODELKEY	UFZ
Xylene (mixed isomers)	1330-20-7	water	freshwater		2004		0,1	µg/l	MODELKEY	UFZ