Sieber Cassina + Partner AG
Ingenieure Geologen Planer

SO 966G
24.09.2007

Einwohnergemeinde Muttenz / BL

S C + P

Deponie Feldreben
Muttenz / BL

Altlastenvoruntersuchung
Technische Untersuchung, 2. Etappe

Beilagenband B2

Laborresultate

a) Gemeinde Muttenz. Grundwasseruntersuchung Deponien Muttenz. Untersuchungsetappe II. Feldreben. Einzelstoffanalytik und Screenings. Messkampagne März, Juni und Juli 2006. Prüfberichte RWB laborartoire SA vom September 2007

b) Prüfberichte Prof. Dr. M. Oehme

c) Untersuchungsbericht Bodenluft. Labor DVGW, Karlsruhe

Bern

Wollerau

Zürich

Olten: Jurastrasse 6, CH-4600 Olten
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e-mail: scpolten@scpag.ch

Laborresultate

a) Gemeinde Muttenz. Grundwasseruntersuchung Deponien Muttenz. Untersuchungsetappe II. Feldreben. Einzelstoffanalytik und Screenings. Messkampagne März, Juni und Juli 2006. Prüfberichte RWB laborartoire SA vom September 2007

RWB
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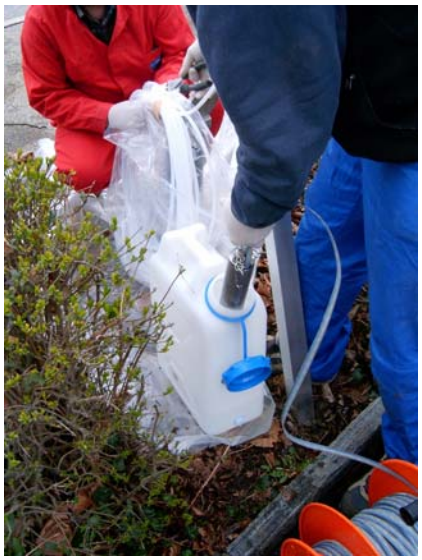
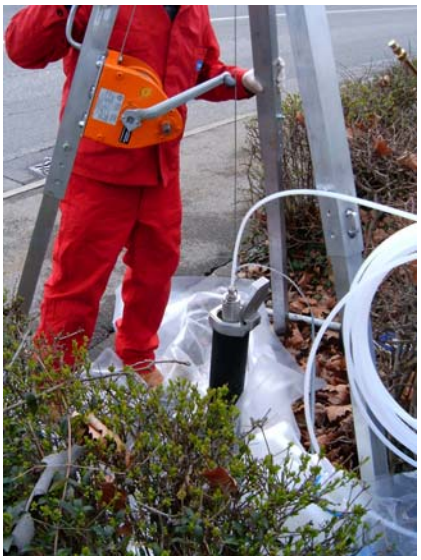
P r ü f b e r i c h t

Dossier 03E52
September 2007

Gemeinde Muttenz





GRUNDWASSERUNTERSUCHUNG DEPONIEN MUTTENZ

Untersuchungsetappe II : Feldreben Einzelstoffanalytik

Messkampagnen März, Mai und Juli 2006

RWB
laboratoire SA

Prüfbericht
Analytik Deponien Muttenz

Probenahmen März, Mai und Juli 2006

1. Auftraggeber: Bauverwaltung Gemeinde Muttenz
Dorfplatz 1
CH-4002 Muttenz

2. Probeneingang:

- LHKW : Die Proben wurden in bis zum Rand (luftblasenfrei) gefüllten 45 ml Vials. Die LHKW wurden innerhalb von 2 Tagen analysiert. Bis zur Probenaufbereitung für die restlichen Parameter wurden die Proben gekühlt bei 5 – 8 °C.

- Anorganische Parameter und organische Summenparameter : die Probenahme erfolgte in neuen Flaschen aus Braunglas von 1 Liter.

- Screening, Aniline, Phenole, Triazinen, DDT's, PAK, Barbiturate, Aromatische Sulfonate : Die Probenahme erfolgte in Einliterflaschen aus Glas der Firma Schott mit einer Deckeldichtung aus Teflon auf Silikon. Die Glasflaschen wurden während 2 Stunden auf 500°C im Ofen geheizt. Die Extraktionen erfolgten direkt in der Probenahmeflaschen, so um Wandadsorptionseffekte zu vermeiden.

- Schwermetalle : Die Probenahme erfolgte in HDPE Flaschen von 100 ml, die vom Labor RWB-Analub geliefert wurden. Die Flaschen wurden mit HNO_3 1M während 24 Stunden in Kontakt, dann mit Ultrareinwasser gespült und getrocknet.

- Bromid : Die Probenahme erfolgte in HDPE Flaschen von 100 ml, die vom Labor der Wasserversorgung Zürich geliefert wurden.

3. Probenbeschreibung:

Siehe Probenahme Protokolle in Beilage

4. Probenherkunft

4.1 Messkampagne März 2006 (U2Kamp1)

Labor Nummer	Probenbezeichnung	Probenahme Datum	Probenahme Zeit	Probenart
961	F1 - Blindwert	15.03.2006	11:30	Feldblindprobe
962	F1	15.03.2006	11:50	Wasser, gelblich, klar, geruchlos
965	F2h - Blindwert	15.03.2006	14:30	Feldblindprobe
966	F2h	15.03.2006	14:50	Wasser, klar, geruchlos
963	F2t - Blindwert	15.03.2006	12:00	Feldblindprobe
964	F2t	15.03.2006	12:30	Wasser, klar, geruchlos
975	F3h - Blindwert	17.03.2006	15:30	Feldblindprobe
976	F3h	17.03.2006	16:10	Wasser, klar, geruchlos
1199	F3t - Blindwert	29.01.1900	14:00	Feldblindprobe
1200	F3t	29.01.1900	14:25	Wasser, klar, geruchlos
1201	F4h - Blindwert	30.03.2006	10:00	Feldblindprobe
1202	F4h	30.03.2006	10:30	Wasser, klar, geruchlos
977	F5P1 - Blindwert	17.03.2006	11:00	Feldblindprobe
978	F5P1	17.03.2006	11:20	Wasser, klar, geruchlos
969	F5P2 - Blindwert	16.01.1900	13:50	Feldblindprobe
970	F5P2	16.03.2006	15:20	Wasser, klar, geruchlos
971	F5P5 - Blindwert	16.03.2006	11:40	Feldblindprobe
972	F5P5	16.03.2006	12:15	Wasser, klar, geruchlos
1081	F6 - Blindwert	21.03.2006	09:20	Feldblindprobe
1082	F6	21.03.2006	10:00	Wasser, klar, geruchlos
987	F7 - Blindwert	20.03.2006	09:20	Feldblindprobe
988	F7	20.03.2006	10:15	Wasser, klar, geruchlos
985	F8 - Blindwert	20.03.2006	13:00	Feldblindprobe
986	F8	20.03.2006	14:00	Wasser, klar, geruchlos
1197	F9 - Blindwert	29.03.2006	11:15	Feldblindprobe
1198	F9	29.03.2006	11:55	Wasser, klar, geruchlos
979	F10 - Blindwert	17.03.2006	13:50	Feldblindprobe
980	F10	17.03.2006	14:40	Wasser, klar, geruchlos
1079	F11 - Blindwert	21.03.2006	10:50	Feldblindprobe
1080	F11	21.03.2006	11:35	Wasser, klar, geruchlos
1073	21.E.3 - Blindwert	21.03.2006	16:00	Feldblindprobe
1074	21.E.3	21.03.2006	16:15	Wasser, klar, geruchlos
1195	21.E.25 - Blindwert	29.03.2006	09:15	Feldblindprobe
1196	21.E.25	29.03.2006	09:55	Wasser, klar, geruchlos
981	21.P.3 hoch - Blindwert	20.03.2006	11:15	Feldblindprobe
982	21.P.3 hoch	20.03.2006	11:55	Wasser, klar, geruchlos
983	21.C.230 - Blindwert	20.03.2006	15:00	Feldblindprobe
984	21.C.230	20.03.2006	15:35	Wasser, klar, geruchlos
1075	21.C.231 - Blindwert	21.03.2006	14:50	Feldblindprobe
1076	21.C.231	21.03.2006	15:05	Wasser, trüb, rötlich, geruchlos
967	21.C.232 - Blindwert	15.03.2006	15:30	Feldblindprobe
968	21.C.232	15.03.2006	16:20	Wasser, klar, geruchlos
973	21.C.236 - Blindwert	16.03.2006	09:15	Feldblindprobe
974	21.C.236	16.03.2006	09:55	Wasser, klar, geruchlos
1077	21.C.81 - Blindwert	21.03.2006	13:40	Feldblindprobe
1078	21.C.81	21.03.2006	13:50	Wasser, leicht trüb, rötlich, geruchlos

4.2 Messkampagne Mai 2006 (Grundwasserüberwachung II)

Labor Nummer	Probenbezeichnung	Probenahme Datum	Probenahme Zeit	Probenart
2150	F2.1 tief	30.05.2006	10:40	Wasser, klar, geruchlos
2152	F2.2 hoch	30.05.2006	11:05	Wasser, klar, geruchlos
2154	F5P5	30.05.2006	13:45	Wasser, klar, geruchlos
2204	21.P.3 hoch	30.05.2006	14:06	Wasser, klar, geruchlos
2206	21.E.3	30.05.2006	14:20	Wasser, klar, geruchlos
2208	21.E.25	30.05.2006	14:45	Wasser, klar, geruchlos
2210	F4 hoch	30.05.2006	15:10	Wasser, klar, geruchlos
2212	F3.2 hoch	30.05.2006	15:35	Wasser, klar, geruchlos
2216	21.C.232	30.05.2006	16:00	Wasser, klar, geruchlos
2218	F 3.1 tief	30.05.2006	16:25	Wasser, klar, geruchlos
2275	F5 P1	30.05.2006	16:50	Wasser, klar, geruchlos
2277	F5 P2	30.05.2006	17:15	Wasser, klar, geruchlos
2283	21.C.236	30.05.2006	17:40	Wasser, klar, geruchlos
2319	R4.2 hoch	30.05.2006	18:05	Wasser, klar, geruchlos
2360	21.C.245	30.05.2006	18:30	Wasser, klar, geruchlos

4.3 Messkampagne Juli 2006 (U2Kamp2)

Labor Nummer	Probenbezeichnung	Probenahme Datum	Probenahme Zeit	Probenart
2950	F1 - Blindwert	17.07.2006	10:25	Feldblindprobe
2951	F1	17.07.2006	11:05	Wasser, trüb, geruchlos
2952	F2t - Blindwert	17.07.2006	11:55	Feldblindprobe
2953	F2t	17.07.2006	12:35	Wasser, klar, geruchlos
2954	F2h - Blindwert	17.07.2006	13:10	Feldblindprobe
2955	F2h	17.07.2006	13:45	Wasser, leicht trüb, geruchlos
2956	F3h - Blindwert	17.07.2006	15:45	Feldblindprobe
2957	F3h	17.07.2006	16:20	Wasser, leicht trüb, geruchlos
2958	21.E.3 - Blindwert	17.07.2006	14:20	Feldblindprobe
2959	21.E.3	17.07.2006	14:45	Wasser, klar, geruchlos
2974	F3t - Blindwert	18.07.2006	09:00	Feldblindprobe
2975	F3t	18.07.2006	09:55	Wasser, klar, geruchlos
2976	F5P1 - Blindwert	18.07.2006	13:25	Feldblindprobe
2977	F5P1	18.07.2006	15:55	Wasser, klar, geruchlos
2978	F4h - Blindwert	18.07.2006	11:10	Feldblindprobe
2979	F4h	18.07.2006	11:55	Wasser, klar, geruchlos
2981	F5P5 - Blindwert	19.07.2006	08:55	Feldblindprobe
2982	F5P5	19.07.2006	09:30	Wasser, klar, geruchlos
2983	F7 - Blindwert	19.07.2006	12:20	Feldblindprobe
2984	F7	19.07.2006	13:00	Wasser, trüb, geruchlos
2985	F9 - Blindwert	19.07.2006	15:35	Feldblindprobe
2986	F9	19.07.2006	16:25	Wasser, klar, geruchlos
2987	F6 - Blindwert	19.07.2006	10:50	Feldblindprobe
2988	F6	19.07.2006	11:30	Wasser, klar, geruchlos
2989	F8 - Blindwert	19.07.2006	13:50	Feldblindprobe
2990	F8	19.07.2006	14:55	Wasser, trüb, geruchlos
3005	21P3h - Blindwert	20.07.2006	12:10	Feldblindprobe
3006	21P3h	20.07.2006	13:00	Wasser, klar, geruchlos
3007	21C232 - Blindwert	20.07.2006	15:30	Feldblindprobe
3008	21C232	20.07.2006	16:00	Wasser, klar, geruchlos
3009	21E25 - Blindwert	20.07.2006	13:50	Feldblindprobe
3010	21.E.25	20.07.2006	14:30	Wasser, klar, geruchlos
3011	F10 - Blindwert	20.07.2006	09:00	Feldblindprobe
3012	F10	20.07.2006	09:50	Wasser, klar, geruchlos
3013	F11 - Blindwert	20.07.2006	10:30	Feldblindprobe
3014	F11	20.07.2006	11:21	Wasser, klar, geruchlos
3032	21C230 - Blindwert	21.07.2006	11:30	Feldblindprobe
3033	21C230	21.07.2006	12:10	Wasser, klar, geruchlos
3034	21C236 - Blindwert	21.07.2006	13:00	Feldblindprobe
3035	21C236	21.07.2006	13:40	Wasser, leicht trüb, geruchlos
3036	21C231 - Blindwert	21.07.2006	09:30	Feldblindprobe
3037	21C231	21.07.2006	09:50	Wasser, trüb, geruchlos
3038	21C81 - Blindwert	21.07.2006	10:50	Feldblindprobe
3039	21C81	21.07.2006	11:00	Wasser, klar, geruchlos

4.4 Belastungspumpversuche

Labor Nummer	Probenbezeichnung	Probenahme Datum	Probenahme Zeit	Probenart
1224	F4 T2	03.04.2006	20:45	Wasser, klar, geruchlos
1225	F4 T1	03.04.2006	15:25	Wasser, klar, geruchlos
1226	F4 T0	03.04.2006	15:05	Wasser, klar, geruchlos
1232	T3 F4	04.04.2006	06:50	Wasser, klar, geruchlos
1233	T4 F4	04.04.2006	19:45	Wasser, klar, geruchlos
1236	F9 T1	05.04.2006	19:40	Wasser, klar, geruchlos
1237	F9 T0	05.04.2006	18:45	Wasser, klar, geruchlos
1238	F4 T5	05.04.2005	10:15	Wasser, klar, geruchlos
1239	F9 T2	06.04.2006	07:20	Wasser, klar, geruchlos
1280	F9 T3	06.04.2006	18:40	Wasser, klar, geruchlos
1281	F9 T4	07.04.2006	07:10	Wasser, klar, geruchlos
1282	F9 T5	07.04.2006	18:40	Wasser, klar, geruchlos
1283	F9 T6	08.04.2006	07:15	Wasser, klar, geruchlos
1284	F3.1 tief 0-Probe	10.04.2006	13:15	Wasser, klar, geruchlos
1285	F3.1 tief T1	10.04.2006	13:45	Wasser, klar, geruchlos
1292	F3.1 tief T2	10.04.2006	19:00	Wasser, klar, geruchlos
1293	F3.1 tief T3	11.04.2006	19:00	Wasser, klar, geruchlos
1300	F3.1 tief T4	12.04.2006	18:45	Wasser, klar, geruchlos
1301	F3.1 tief T5	12.04.2006	07:00	Wasser, klar, geruchlos
1345	F3.1 tief T6	12.04.2006	23:05	Wasser, klar, geruchlos
1346	F3.1 tief T7	13.04.2006	18:10	Wasser, klar, geruchlos
1351	E.25 0-Probe	18.04.2006	13:10	Wasser, klar, geruchlos
1352	E.25 T1	18.04.2006	13:35	Wasser, klar, geruchlos
1353	E.25 T2	18.04.2006	19:15	Wasser, klar, geruchlos
1377	E.25 T3	19.04.2006	07:00	Wasser, klar, geruchlos
1378	E.25 T4	19.04.2006	22:50	Wasser, klar, geruchlos
1429	E.25 T5	20.04.2006	17:10	Wasser, klar, geruchlos
1430	E.25 T6	21.04.2006	10:15	Wasser, klar, geruchlos
3424	T0-Probe F11	14.08.2006	17:05	Wasser, klar, geruchlos
3425	T1-Probe F11 Rückstellprobe	14.08.2006	07:50	Wasser, klar, geruchlos
3433	F11-T2	15.08.2006	19:00	Wasser, klar, geruchlos
3454	F11-T3	16.08.2006	19:00	Wasser, klar, geruchlos
3456	F11-T4	17.08.2006	19:00	Wasser, klar, geruchlos

4.5 Feststoffe MIP und Bohrung F8

Probe Nummer	Probenahmestelle	Probebeschreibung	Probenahmedatum
404	Deponien Muttenz, Materpalbe F8	2.7-4.0 mu.T.	27.01.2006
405	Deponien Muttenz, Materpalbe F8	6.0-6.1 mu.T.	27.01.2006
406	Deponien Muttenz, Materpalbe F8	7.1-8.0 mu.T.	27.01.2006
407	Deponien Muttenz, Materpalbe F8	9.4-9.0 mu.T.	27.01.2006
408	Deponien Muttenz, Materpalbe F8	10.0-10.2 mu.T.	27.01.2006
2884	Feldreben 147 M Muttenz	C3 / 2.5 - 3.5m	16.06.2006
2885	Feldreben 147 M Muttenz	C3 / 3.5 - 5.5m (Mischprobe schmecke)	16.06.2006
2886	Feldreben 147 M Muttenz	C3 / 5.5 - 6.5m	16.06.2006
2887	Feldreben 147 M Muttenz	C3 / 6.5 - 10.0m (Mischprobe schmecke)	16.06.2006
2888	Feldreben 147 M Muttenz	C3 / 10.0 - 11.0m aus Liner	16.06.2006
2889	Feldreben 147 M Muttenz	D4b / 0 - 3.0m (Mischprobe schmecke)	16.06.2006
2890	Feldreben 147 M Muttenz	D4b / 3.0 - 4.0m	16.06.2006
2891	Feldreben 147 M Muttenz	D4b / 6.0 - 8.0m (Mischprobe schnecke)	16.06.2006
2892	Feldreben 147 M Muttenz	D4b / 8.0 - 9.0m	16.06.2006
2893	Feldreben 147 M Muttenz	D4b / 10.0 - 11.0m	16.06.2006
2895	Feldreben 147 M Muttenz	E3 / 7.0 - 11.0m (Mischprobe)	16.06.2006
2896	Feldreben 147 M Muttenz	F11 / 0 - 6.0m (Mischprobe schnecke)	16.06.2006
2897	Feldreben 147 M Muttenz	F11 / 5.0 - 6.5m (Mischprobe schnecke)	16.06.2006
2898	Feldreben 147 M Muttenz	F11 / 6.2 - 7.4m	16.06.2006
2899	Feldreben 147 M Muttenz	F11 / 6.5 - 8.0m (Mischprobe schnecke)	16.06.2006
2900	Feldreben 147 M Muttenz	F11 / 8.0 - 9.5m (Mischprobe schnecke)	16.06.2006
2901	Feldreben 147 M Muttenz	F11 / 9.5 - 11.0m (Mischprobe schnecke)	16.06.2006
2902	Feldreben 147 M Muttenz	F3 / 6.0 - 7.0m	15.06.2006
2903	Feldreben 147 M Muttenz	F3c / 2.0 - 3.0m	16.06.2006
2904	Feldreben 147 M Muttenz	F3c / 7.0 - 9.0m	16.06.2006
2894	Feldreben 147 M Muttenz	D4b / 10.0 - 11.0m aus Liner	16.06.2006

4.6 Feststoffe Sondierbohrungen

Probe Nummer	Probenahmestelle	Probebeschreibung	Probenahmedatum
4863	Feldreben	KB F 06/01, 4.76.0 m u.T	24.10.2006
4869	Feldreben	KB F 06/01, 8.0 9.5 m u.T	24.10.2006
4870	Feldreben	KB F 06/01, 10.0 13.0 m u.T	24.10.2006
4872	Feldreben	KB F 06/01, 14.9 15.5 m u.T	25.10.2006
4874	Feldreben	KB F 06/01, 22.0 22.5 m u.T	25.10.2006
4875	Feldreben	KB F 06/03, 1.0 3.0 m u.T	27.10.2006
4876	Feldreben	KB F 06/03, 3.0 4.9 m u.T	27.10.2006
4882	Feldreben	KB F 06/02, 3.8 5.4 m u.T	31.10.2006
4884	Feldreben	KB F 06/02, 7.1 10.2 m u.T	31.10.2006
4885	Feldreben	KB F 06/02, 10.4 12.0 m u.T	31.10.2006
4886	Feldreben	KB F 06/02, 9.2 9.6 m u.T	31.10.2006
4887	Feldreben	KB F 06/02, 9.6 10.2 m u.T	31.10.2006
5252	Feldreben	KB F 06/04, 2.2 6.6 m u.T	15.11.2006
5254	Feldreben	KB F 06/05, 1.0 2.7 m u.T	17.11.2006
5257	Feldreben	KB F 06/05, 4.9 5.3 m u.T	17.11.2006
5260	Feldreben	KB F 06/05, 6.5 8.4 m u.T	17.01.1900
5266	Feldreben	KB F 06/06, 7.0 7.2 m u.T	17.11.2006
5268	Feldreben	KB F 06/06, 7.2 11.1 m u.T	17.11.2006
5269	Feldreben	KB F 06/06, 11.1 11.9 m u.T	17.11.2006

4.7 Feststoffe Sondierbohrungen Eluate

Probe Nummer	Probenahmestelle	Probebeschreibung	Probenahmedatum
1475; 1476;1477	4863 Feldreben	KB F 06/01, 4.76.0 m u.T	24.10.2006
	4869 Feldreben	KB F 06/01, 8.0 9.5 m u.T	24.10.2006
	4870 Feldreben	KB F 06/01, 10.0 13.0 m u.T	24.10.2006
	4872 Feldreben	KB F 06/01, 14.9 15.5 m u.T	25.10.2006
	4874 Feldreben	KB F 06/01, 22.0 22.5 m u.T	25.10.2006
1478; 1479; 1480			
	4875 Feldreben	KB F 06/03, 1.0 3.0 m u.T	27.10.2006
	4876 Feldreben	KB F 06/03, 3.0 4.9 m u.T	27.10.2006

5. Untersuchung: Die Wasserproben wurden gemäss Auftrag von der Gemeinde Muttenz untersucht. Gemäss dem abgesprochenen Programm, welches für die quantitative Erfassung von Einzelstoffen im Spurenbereich entwickelt wurde, wurde auf die folgenden Einzelstoffe geprüft:

Stoffgruppe	Einzelstoffe
LKW	1,1-Dichlorethen, Methylenchlorid, trans-1,2-Dichlorethen, 1,1-Dichlorethan, cis-1,2-Dichlorethen, Hexachlorbutadien, Chloroform, 1,1,1-Trichlorethan, Tetrachlorkohlenstoff, 1,2-Dichlorethan, Benzol, Trichlorethen, 1,2-Dichlorpropan, Toluol, 1,1,2-Trichlorethan, Tetrachlorethen, 1,2-Dibromethan, Chlorbenzol, 1,1,1,2-Tetrachlorethan, Ethylbenzol, m-/p-Xylol, o-Xylol, Isopropylbenzol, Bromoform, 1,1,2,2-Tetrachlorethan, n-Butylbenzol, 1,2-Dichlorbenzol, 1,2,4-Trichlorbenzol, 1,3-Dichlorbenzol, 1,4-Dichlorbenzol, 1,2,3-Trichlorbenzol, 1,3,5-Trichlorbenzol, Vinylchlorid, MTBE, Alkane C_5-C_{10}, Hexachlorethan
Aniline	Anilin, o-/p-Toluidin, m-Toluidin, 2-Chloranilin, 3-Chloranilin, 4-Chloranilin, 2,4-/2,5-Dichloranilin, 2,3-Dichloranilin, 3,4-Dichloranilin, 2,4,6-Trichloranilin, 2,4,5-Trichloranilin, 2,3,4-Trichloranilin, 3,4,5-Trichloranilin, N,N-Dimethylanilin, 2,4,6-Trimethylanilin, 3-Chlor-4-methylanilin, 5-Chlor-2-methylanilin, 2,4-/2,6-Dimethylanilin
Phenole	Phenol, 2-Chlorphenol, 2-Methylphenol, 3 / 4-Methylphenol, 2,4-Dichlorphenol, 2,3-Dimethylphenol, 2,4-/2,5-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylphenol, 3,5-Dimethylphenol, Nitrobenzol, 2,6-Dinitrotoluol, 2,4-Dinitrotoluol, 2,4-Dinitrophenol, 4-Nitrophenol, Pentachlorphenol
Pestizide	Atrazin, Simazin, 4,4'-DDT, 2,4'-DDT, 4,4'-DDE, 4,4'-DDD, Desethylatrazin, Ametryn, Prometryn, Metholachlor
PAK	Naphthalin, Acenaphthylen, Acenaphthen, Fluoren, Phenanthren, Anthracen, Fluoranthen, Pyren, Benzo(a)anthracen, Chrysen, Benzo(b & k)fluoranthen, Benzo(a)pyren, Indeno(1,2,3-cd)pyren, Dibenzo(ah)antharacen, benzo(ghi)perylen, 1-Methylnaphthalin, 2-Methylnaphthalin
Schwermetalle	As, Cd, Co, Cu, Hg, Ni, Sb, Sn, Zn, B, Cr, Fe
Barbiturate (Labor Solvias)	Barbital, Aprobarbital, Butalbital, Hexobarbital, Mephobarbital, Phenobarbital, Heptabarbital
Diverse	Fingerprint (siehe separater Bericht)

6. Probenaufarbeitung und Analysenverfahren:

- **LKW DA 403.90**

Die Bestimmungsgrenzen sind substanzspezifisch und lagen bei 0,1 und 0,5 µg/l (Signal-zu-Rauschen 10:1; Bestimmungsgrenze).

Auswertung:Interne Standardmethode. Abgeschätzte Messunsicherheit: 11.9 – 23.8 %.

Zur Resultatkontrolle wurde eine Doppelbestimmung mit Headspace ausgeführt.

Die verwendete analytische Methode ist im Anhang "DA 403.90" des ersten Prüfberichtes der Messkampagnen 2003 beschrieben.

- **Aniline DA 403.106**

Die Wiederfindung des deuterierten Extraktionsstandards in den einzelnen Proben lag im Mittel bei 93,4% (Bereich: 62,5 – 118,9 %).

Die Bestimmungsgrenzen sind substanzspezifisch und lagen bei 0,01 bis 0,02 µg/l (Signal-zu-Rauschen 10:1; Bestimmungsgrenze).

Auswertung:Interne Standardmethode. Abgeschätzte Messunsicherheit: 11.9 – 23.8 %.

Die verwendete analytische Methode ist im Anhang "DA 403.106" des ersten Prüfberichtes der Messkampagnen 2003 beschrieben.

- **Phenole DA 403.106**

Die Wiederfindung des deuterierten Extraktionsstandards in den einzelnen Proben lag im Mittel bei 76,9% (Bereich: 62,7 – 117,0 %).

Die Bestimmungsgrenzen sind substanzspezifisch und lagen bei 0,01 bis 5,0 µg/l (Signal-zu-Rauschen 10:1; Bestimmungsgrenze). Die obere Grenze gilt für die Nitrophenole.

Auswertung:Interne Standardmethode. Abgeschätzte Messunsicherheit: 11.9 – 23.8 %

Die verwendete analytische Methode ist im Anhang "DA 403.106" des ersten Prüfberichtes der Messkampagnen 2003 beschrieben.

Da die oben erwähnte Methode für die 2,4-Dinitrophenol, 4-Nitrophenol, Pentachlorphenol nicht die gewünschte Empfindlichkeit Lieferte, wurde diese Stoffen mittels einer HPLC Methode bestimmt. Die neue Bestimmungsgrenzen lagen bei 10 bis 20 ng/l.

- **PAK, DDT's, Triazine DA 403.107**

Die Wiederfindung des deuterierten Extraktionsstandards in den einzelnen Proben lag im Mittel bei 81,3% (Bereich: 62,1 – 115,6 %).

Die Bestimmungsgrenzen sind substanzspezifisch und lagen bei 0,01 bis 0,02 µg/l (Signal-zu-Rauschen 10:1; Bestimmungsgrenze).

Auswertung:Interne Standardmethode. Abgeschätzte Messunsicherheit: 11.9 – 23.8 %

Die verwendete analytische Methode ist im Anhang "DA 403.107" beschrieben.

Die verwendete analytische Methode ist im Anhang "DA 403.108" des ersten Prüfberichtes der Messkampagnen 2003 beschrieben.

7. Analysenresultate:

Die Analysenresultate sind im Anhang tabellarisch zusammengefasst.

Zeitraum der Prüfung: März bis August 2006

Angabe über Zeitdauer zwischen Probenahme und Analyse bzw. Probenextraktion nach Methode

Generelle Bemerkung
Die hier angegebenen Fristen beziehen sich auf die effektiv festgestellten Zeitdauern und werden demnach als Zeitfenster aufgeführt. Im Normalfall liegen sie im unteren Segment des Zeitfensters; je nach Prioritätsgrad und Anzahl Proben können sie im Rahmen des Zeitfensters sich bewegen. Die internen und externen Kontroll-Analysen (Referenzmessungen, Wiederfindungen, Ringversuche) garantieren die Qualität der Resultate. Allfällige Stabilisierungen werden hier nicht berücksichtigt.

LKW
In der Regel liegt die Zeitdauer zwischen Probenahme und Probenvorbereitung-Analyse bei ca. einigen Stunden bis 10-15 Tagen.

Aniline
In der Regel liegt die Zeitdauer zwischen Probenahme und Probenextraktion in der Grössenordnung um 2 bis 4 Wochen; die Zeitdauer zwischen Extraktion und Analyse liegt bei ca. 2-4 Wochen.

Phenole
In der Regel liegt die Zeitdauer zwischen Probenahme und Probenextraktion in der Grössenordnung um 2 bis 4 Wochen; die Zeitdauer zwischen Extraktion und Analyse liegt bei ca. 2-6 Wochen.

PAK, DDT Triazine
In der Regel liegt die Zeitdauer zwischen Probenahme und Probenextraktion in der Grössenordnung um einigen Tagen bis 2 Wochen; die Zeitdauer zwischen Extraktion und Analyse liegt bei ca. 4-8 Wochen.

Schwermetalle
In der Regel liegt die Zeitdauer zwischen Probenahme und Probenvorbereitung-Analyse bei ca. 2 Tagen bis 8 Wochen.

Barbiturate
In der Regel liegt die Zeitdauer zwischen Probenahme und Probenextraktion in der Grössenordnung um 1 bis 3 Wochen; die Zeitdauer zwischen Extraktion und Analyse liegt bei ca. 1-3 Wochen.

Screenings
In der Regel liegt die Zeitdauer zwischen Probenahme und Probenextraktion in der Grössenordnung um 2 bis 4 Wochen; die Zeitdauer zwischen Extraktion und Analyse liegt bei ca. einigen Tagen bis 3 Wochen.

Hinweis:
Die beschriebenen Untersuchungsergebnisse beziehen sich ausschliesslich auf die oben gelisteten Proben.

Porrentruy, den 14. September 2007

Unterschrift
Leiter Business Unit

Unterschrift
Laborleiter Spurenanalytik

Beilagen: Resultat Tabellen
Probenahme Protokolle

RWB laboratoire SA

Untersuchungsetappe II

Messkampagne 1, März 2006

Resultate

Bemerkungen :

Chemie :

- Die Trübung wurde nur bei sichtbar trüben Proben gemessen.
- Sauerstoffgehalte wurden aufgrund einer Panne des Feldmessgerätes nicht gemessen.

Aniline :

- Die Feldblindproben F1, F2h, F2t, F3h, F5P1, F5P2, F5P5, F6, F10, F11, 21E3, 21C230, 21C231, 21C232, 21C236, und 21C81 enthalten aus unerklärlichen Gründen Spuren von 2-Chloranilin und z.T. Anilin und Dichloraniline. Die in den entsprechenden Messproben gefundenen Gehalte sind daher fragwürdig und bei der Dateninterpretation zu ignorieren.

LKW (Leichtflüchtige Kohlenwasserstoffe) :

- In allen Messstellen wurden LKW nachgewiesen, ausser in 21C230 und 21C231. Hexachlorethan wurde in den Proben von F2h, F5P2, F5P5, F6, 21E3 (Florinbrunnen) und 21C232 gefunden.

DOC-**AOX** :

- Einzelne Feldblindproben enthalten Spuren von DOC.

Phenole und **Nitroverbindungen** :

- Die Feldblindproben F1, F5P1, F5P2, F5P5 und 21C231 enthalten aus unerklärlichen Gründen Spuren von Phenol. Die in den entsprechenden Messproben gefundenen Gehalte sind daher fragwürdig und bei der Dateninterpretation zu ignorieren.
- Es wurden ansonst keine Phenole oder Nitroverbindungen nachgewiesen.

PAK (polyaromatische Kohlenwasserstoffe) :

- In fast allen Feldbindproben sind Naphthalin und Mehylnaphthaline vorhanden. Bei diesen niedirgen Konzentrationen sind Kontaminationen laut Prof. Oehme durch das ubiquitäre Auftreten dieser Verbindungen kaum zu vermeiden. Die in den entsprechenden Messproben gemessenen Gehalte sind daher fragwürdig und bei der Dateninterpretation zu ignorieren.
- Ansonsten wurden keine PAK gefunden (Ausnahme F8 und 21C81 : Phenanthren).

Pestizide :

- In fast allen Proben wurden Pestizide wie Atrazin, Simazin, Desethylatrazin und Prometryn gefunden.

Schwermetalle :

- Automatische Rundungsberechnungen der Bestimmungsgrenzen wurden vorgenommen.
- Auffällig sind manchmal hohe Gehalte an Zn und an B.

Barbiturate :

- Die Messstellen 21P3h, F3t, F4h, und F8 enthielten Barbiturate.

Beilage : Resultattabellen

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Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			961	962	965	966	963	964	975	976	1199	1200	1201
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006	29.03.2006	30.03.2006
			F1 - Blindwert	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**
Nitrite	mg/l		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Alkalinität	℉		**1.8**	**29**	**0.05**	**29.9**	**0.05**	**29.8**	**0.04**	**29.6**	**0**	**25.1**	**0**
Gesamthärte	℉		**<0.4**	**46.5**	**<0.4**	**35.8**	**<0.4**	**36.2**	**<0.4**	**61.2**	**<0.4**	**37.5**	**<0.4**
Kalium	mg/l		**<0.5**	**1.7**	**<0.5**	**1.1**	**<0.5**	**1.2**	**1.1**	**11.3**	**<0.5**	**4.4**	**<0.5**
Natrium	mg/l		**0.2**	**17.4**	**0.2**	**18.9**	**<=0.1**	**18.3**	**0.3**	**20.4**	**0.2**	**15.6**	**0.1**
Magnesium	mg/l		**<0.4**	**18.8**	**<0.4**	**11.9**	**<0.4**	**13.9**	**<0.4**	**22.5**	**<0.4**	**21.2**	**<1**
Ammonium	mg/l		**0.016**	**0.012**	**0.012**	**0.012**	**0.012**	**0.011**	**0.009**	**0.005**	**0.005**	<0.002	**0.007**
Sulfate	mg/l		**<0.1**	**76.6**	**<0.1**	**43.2**	**<0.1**	**48.2**	**<0.1**	**311**	**<0.1**	**120**	**<0.1**
Nitrate	mg/l		**<0.2**	**36.5**	**<0.2**	**25.3**	**<0.2**	**22.3**	**<0.2**	**67.2**	**<0.2**	**33.3**	**<0.2**
Fluoride	mg/l		**<0.2**	**0.6**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**0.7**	**<0.2**	**<0.2**	**<0.2**
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**<5**	**354.2**	**<5**	**365**	**<5**	**364**	**5**	**351**	**<5**	**306**	**<5**
Bromide	µg/l		<5	**19**	<5	**15**	<5	**12**	<5	**119**	<5	**112**	<5
Chloride	mg/l		**<0.1**	**72.7**	**<0.1**	**25.7**	**<0.1**	**28.2**	**0.1**	**27.3**	**<0.1**	**22.3**	**<0.1**
pH_{Labor}			**4.88**	**6.93**	**5.66**	**7**	**4.98**	**7.06**	**4.81**	**6.94**	**4.26**	**7.42**	**5.73**
Leitfähigkeit	µS/cm			**964**		**751**		**755**		**1181**		**786**	
Temperatur	℃			**15.4**		**15.4**		**15.1**		**15.1**		**14.7**	
O_2	mg/l												
Calcium	mg/l		**<1**	**155**	**<1**	**124**	**<1**	**122**	**<1**	**208**	**<1**	**116**	**<0.4**
Sinnesprüfungen													
Trübung	FTU											**14.8**	
Farbe				gelblich	keine	keine	keine	keine	keine	keine	keine	keine	keine
Geruch				kein	kein	kein	kein	kein	kein	kein	kein	kein	kein

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Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			1202	977	978	969	970
Probenahmedatum			30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006
			F4h	**F5P1 - Blindwert**	**F5P1**	**F5P2 - Blindwert**	**F5P2**
Nitrite	mg/l		<0.002	<0.002	**0.002**	<0.002	**0.02**
Alkalinität	℉		**24.9**	**0.13**	**15.3**	**0.62**	**12.7**
Gesamthärte	℉		**29.1**	**<0.4**	**19.4**	**3.1**	**16.3**
Kalium	mg/l		**1.3**	**0.7**	**1.7**	**<0.5**	**4.5**
Natrium	mg/l		**9.6**	**0.1**	**11.3**	**<0.1**	**11.4**
Magnesium	mg/l		**16.2**	**<0.4**	**10**	**<0.4**	**8.7**
Ammonium	mg/l		**0.002**	**0.003**	**0.004**	**0.012**	**0.058**
Sulfate	mg/l		**41**	**<0.1**	**34.5**	**<0.1**	**31.8**
Nitrate	mg/l		**20.6**	**<0.2**	**9.3**	**<0.2**	**9.5**
Fluoride	mg/l		**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**
freie Cyanide	µg/l		<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**304**	**<5**	**187**	**42.2**	**155**
Bromide	µg/l		**22**	<5	**78**	**5**	**60**
Chloride	mg/l		**14.3**	**<0.1**	**17.7**	**<0.1**	**16.5**
pH_{Labor}			**7.51**	**5.52**	**7.24**	**8.04**	**7.55**
Leitfähigkeit	µS/cm		**598**		**427**		**395**
Temperatur	℃		**15**		**14.1**		**14.6**
O_2	mg/l						
Calcium	mg/l		**90**	**<1**	**61.4**	**12.2**	**51.1**
Sinnesprüfungen							
Trübung	FTU						
Farbe			keine	keine	keine	keine	keine
Geruch			kein	kein	kein	kein	kein

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Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			971	972	1081	1082	987	988	985	986	1197	1198	979
Probenahmedatum			16.03.2006	16.03.2006	21.03.2006	21.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006
			F5P5 - Blindwert	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**
Nitrite	mg/l		<0.002	**0.016**	<0.002	**0.007**	<0.002	**0.156**	<0.002	**0.215**	<0.002	<0.002	<0.002
Alkalinität	℉		**0**	**17.8**	**0.03**	**24.6**	**0.06**	**30.2**	**0.05**	**48.2**	**0**	**35.4**	**0.06**
Gesamthärte	℉		**<0.4**	**22.6**	**0.4**	**30.7**	**0.8**	**33.3**	**0.6**	**81**	**<0.4**	**52.5**	**<0.4**
Kalium	mg/l		**0.5**	**3.7**	**0.8**	**0.6**	**0.7**	**<0.5**	**0.9**	**3.3**	**<0.5**	**2.9**	**0.7**
Natrium	mg/l		**<=0.1**	**11.5**	**0.1**	**15**	**0.1**	**29.8**	**0.5**	**21.8**	**0.4**	**13.4**	**0.1**
Magnesium	mg/l		**<0.4**	**12.3**	**<0.4**	**12.2**	**<0.4**	**9.9**	**<0.4**	**42.5**	**<0.4**	**31.6**	**<0.4**
Ammonium	mg/l		**0.012**	**0.038**	**0.011**	**0.01**	**0.003**	**0.08**	**0.003**	**0.12**	**0.004**	<=0.002	**0.002**
Sulfate	mg/l		**<0.1**	**36.7**	**<0.1**	**45.3**	**<0.1**	**52.6**	**<0.1**	**441**	**<0.1**	**135**	**<0.1**
Nitrate	mg/l		**<0.2**	**10.9**	**<0.2**	**17.3**	**<0.2**	**24.2**	**<0.2**	**45.4**	**<0.2**	**40.7**	**<0.2**
Fluoride	mg/l		**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**5**	**217**	**<5**	**300**	**6.1**	**305**	**5.7**	**358**	**<5**	**427**	**<5**
Bromide	µg/l		<5	**52**	<5	**36**	<5	**21**	<5	**60**	<5	**21**	<5
Chloride	mg/l		**<0.1**	**17.4**	**<0.1**	**24.6**	**0.1**	**47.1**	**<0.1**	**39.4**	**<0.1**	**25**	**<0.1**
pH_{Labor}			**4.43**	**7.2**	**4.84**	**6.98**	**5.07**	**7.13**	**5.02**	**6.85**	**4.76**	**7.2**	**5.01**
Leitfähigkeit	µS/cm			**478**		**665**		**743**		**1576**		**974**	
Temperatur	℃			**13.8**		**15.1**		**14.6**		**15**		**15.9**	
O_2	mg/l												
Calcium	mg/l		**<1**	**70.1**	**1.6**	**103**	**3.3**	**117**	**2.2**	**254**	**<1**	**158.3**	**<1**
Sinnesprüfungen													
Trübung	FTU							>50		>50			
Farbe			keine	keine	keine	keine	keine	hellbraun	keine	bräunlich	keine	keine	keine
Geruch			kein	kein	kein	kein	kein	kein	kein	kein	kein	kein	kein

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Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			980	1079	1080	1073	1074
Probenahmedatum			17.03.2006	21.03.2006	21.03.2006	21.03.2006	21.03.2006
			F10	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**
Nitrite	mg/l		**0.013**	<0.002	**0.073**	<0.002	<0.002
Alkalinität	℉		**42.4**	**0.06**	**29.6**	**0**	**17.7**
Gesamthärte	℉		**42.6**	**<0.4**	**41.1**	**<0.4**	**22.5**
Kalium	mg/l		**0.8**	**0.7**	**1.8**	**1**	**2.2**
Natrium	mg/l		**11.8**	**0.2**	**30.2**	**0.1**	**10.7**
Magnesium	mg/l		**16.7**	**<0.4**	**23.5**	**<0.4**	**10.6**
Ammonium	mg/l		**1.2**	**0.012**	**0.011**	**0.013**	**0.011**
Sulfate	mg/l		**27.3**	**<0.1**	**91.2**	**<0.1**	**35.5**
Nitrate	mg/l		**<0.2**	**<0.2**	**31**	**<0.2**	**10.2**
Fluoride	mg/l		**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**
freie Cyanide	µg/l		<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**508**	**<5**	**361**	**<5**	**216**
Bromide	µg/l		**14**	<5	**17**	<5	**50**
Chloride	mg/l		**5**	**<0.1**	**32.6**	**<0.1**	**17.4**
pH_{Labor}			**6.83**	**4.99**	**7.01**	**5.35**	**7.18**
Leitfähigkeit	µS/cm		**804**		**848**		**468**
Temperatur	℃		**14.7**		**14.5**		**12.5**
O_2	mg/l						
Calcium	mg/l		**143**	**<1**	**126**	**<1**	**72.7**
Sinnesprüfungen							
Trübung	FTU		>50				
Farbe			keine	keine	keine	keine	keine
Geruch			kein	kein	kein	kein	kein

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Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			1195	1196	981	982	983	984	1075	1076	967	968	973
Probenahmedatum			29.03.2006	29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	21.03.2006	21.03.2006	15.03.2006	15.03.2006	16.03.2006
			21.E.25 - Blindwert	**21.E.25**	**21.P.3h - Blindwert**	**21.P.3h**	**21.C.230 - Blindwert**	**21.C.230**	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**
Nitrite	mg/l		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Alkalinität	℉		**0.07**	**26.9**	**0.05**	**32.2**	**0.1**	**33.7**	**0**	**42.3**	**0.06**	**23**	**0**
Gesamthärte	℉		**<0.4**	**39.5**	**0.6**	**43.9**	**<0.4**	**35.9**	**<0.4**	**39.9**	**<0.4**	**27.9**	**<0.4**
Kalium	mg/l		**<0.5**	**4.3**	**0.7**	**5.4**	**0.6**	**<0.5**	**1.5**	**4.6**	**0.6**	**2.5**	**<0.5**
Natrium	mg/l		**0.4**	**13.9**	**0.2**	**19.4**	**0.3**	**3.6**	**0.3**	**6.8**	**<=0.1**	**9.1**	**0.2**
Magnesium	mg/l		**<0.4**	**23**	**<0.4**	**19.2**	**<0.4**	**8.9**	**<0.4**	**11**	**<0.4**	**12.2**	**<0.4**
Ammonium	mg/l		<0.002	**0.002**	**0.005**	**0.004**	**0.004**	**0.003**	**0.015**	**0.036**	**0.012**	**0.02**	**0.012**
Sulfate	mg/l		**<0.1**	**84.2**	**<0.1**	**83.2**	**<0.1**	**15.4**	**<0.1**	**8.1**	**<0.1**	**41.2**	**<0.1**
Nitrate	mg/l		**<0.2**	**43.1**	**<0.2**	**38.1**	**<0.2**	**11.3**	**<0.2**	**4.9**	**<0.2**	**13.5**	**<0.2**
Fluoride	mg/l		**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**<0.2**	**0.3**	**<0.2**	**<0.2**	**<0.2**
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**<5**	**328**	**<5**	**393**	**5**	**412**	**<5**	**516**	**5.1**	**281**	**<5**
Bromide	µg/l		<5	**21**	<5	**38**	<5	**15**	<5	**143**	<5	**30**	<5
Chloride	mg/l		**<1**	**34**	**<0.1**	**30.1**	**0.1**	**6.8**	**0.1**	**5.6**	**<0.1**	**13**	**<0.1**
pH_{Labor}			**5.33**	**7.48**	**4.94**	**6.92**	**5.21**	**6.87**	**4.66**	**7.01**	**4.99**	**7.09**	**4.39**
Leitfähigkeit	µS/cm			**801**		**902**		**662**		**743**		**567**	
Temperatur	℃			**16.4**		**14.1**		**14.1**		**12.3**		**14.7**	
O_2	mg/l												
Calcium	mg/l		**<1**	**120**	**2.5**	**144**	**<1**	**129**	**<1**	**142**	**<1**	**91.7**	**<1**
Sinnesprüfungen													
Trübung	FTU			**1.6**						>50			
Farbe			keine	keine	keine	keine	keine	keine	keine	rötlich	keine	keine	keine
Geruch			kein	kein	kein	kein	kein	kein	kein	kein	kein	kein	kein

F Chem
Chemie

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			974	1077	1078	1184	1185
Probenahmedatum			16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
			21.C.236	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Nitrite	mg/l		<0.002	<0.002	**0.011**	<0.002	**0.042**
Alkalinität	℉		**29.2**	**0.02**	**17.2**	**0.1**	**20.5**
Gesamthärte	℉		**35.9**	**<0.4**	**22.7**	**0.5**	**25**
Kalium	mg/l		**<0.5**	**0.7**	**2.7**	**<0.5**	**2.3**
Natrium	mg/l		**13.6**	**0.2**	**9.6**	**0.2**	**3.2**
Magnesium	mg/l		**25.5**	**<0.4**	**10.4**	**<0.4**	**27.8**
Ammonium	mg/l		**0.013**	**0.013**	**0.064**	<0.002	**0.067**
Sulfate	mg/l		**48.7**	**<0.1**	**36**	**<0.1**	**35.5**
Nitrate	mg/l		**31.6**	**<0.2**	**8.6**	**<0.2**	**13.5**
Fluoride	mg/l		**<0.2**	**<0.2**	**<0.2**	**<0.2**	**0.3**
freie Cyanide	µg/l		<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**356**	**<5**	**210**	**<5**	**250**
Bromide	µg/l		**21**	<5	**57**	<5	**11**
Chloride	mg/l		**22.8**	**<0.1**	**18.5**	**<0.1**	**12.5**
pH_{Labor}			**7.02**	**4.8**	**7.1**	**5.67**	**7.08**
Leitfähigkeit	µS/cm		**737**		**471**		**498**
Temperatur	℃		**15**		**13.6**		**12.6**
O_2	mg/l						
Calcium	mg/l		**102**	**<1**	**73.7**	**2.1**	**54.4**
Sinnesprüfungen							
Trübung	FTU				**17.9**		
Farbe			keine	keine	rötlich		keine
Geruch			kein	kein	kein		kein

F Aniline

Deponien Muttenz Probenahme Kampagne
März 2006

Aniline

RWB laboratoire SA

FELDREBEN			961	962	965	966	963	964	975	976	1199	1200	1201
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006	29.03.2006	30.03.2006
		Methodeblindwert	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t	F4h - Blindwert
Anilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<=10	<10	<10	<10	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	21	22	23	10	32	<10	69	36	<10	<10	<10
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	11
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<=10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<10	<10	<10
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<10	<10	<10
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Aniline

Aniline

RWB laboratoire SA

FELDREBEN			1202	977	978	969	970
Probenahmedatum			30.03.2006	17.03.2006	17.03.2006	17.032066	16.03.2006
		Methodeblindwert	**F4h**	**F5P1 - Blindwert**	**F5P1**	**F5P2 - Blindwert**	**F5P2**
Anilin	ng/l	<10	<=10	**26**	**11**	<10	<=10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	<=10	**49**	**53**	**17**	**26**
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	**25**	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<=10	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<10	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<10	<20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10

F Aniline

Deponien Muttenz Probenahme Kampagne
März 2006

Aniline

RWB laboratoire SA

FELDREBEN			971	972	1081	1082	987	988	985	986	1197	1198	979
Probenahmedatum			16.03.2006	16.03.2006	21.03.2006	21.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006
		Methodeblindwert	F5P5 - Blindwert	F5P5	F6 - Blindwert	F6	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert
Anilin	ng/l	<10	<10	<11	<10	<10	<10	<10	11	<10	<10	<10	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	29	39	15	<10	<10	<=10	45	<=10	<10	12	26
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<=20	<20	<20	<20	<20	26	87	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	30	<10	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	11	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<10	<10	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Aniline

Aniline

RWB laboratoire SA

FELDREBEN			980	1079	1080	1073	1074
Probenahmedatum			17.03.2006	21.03.2006	21.03.2006	21.03.2006	21.03.2006
		Methodeblindwert	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**
Anilin	ng/l	<10	**12**	<10	<10	<10	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	**23**	**12**	<10	**13**	**12**
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10

F Aniline

Aniline

RWB laboratoire SA

FELDREBEN			1195	1196	981	982	983	984	1075	1076	967	968	973
Probenahmedatum			29.03.2006	29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	21.03.2006	21.03.2006	15.03.2006	15.03.2006	16.03.2006
		Methodeblindwert	21.E.25 - Blindwert	21.E.25	21.P.3 hoch - Blindwert	21.P.3 hoch	21.C.230 - Blindwert	21.C.230	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232	21.C.236 - Blindwert
Anilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	<10	<=10	<10	**47**	**36**	**<=10**	**<=10**	**19**	**19**	**10**	**15**
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<10	<10	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Aniline

Aniline

RWB laboratoire SA

FELDREBEN			974	1077	1078	1184	1185
Probenahmedatum			16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
		Methodeblindwert	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Anilin	ng/l	<10	**11**	<10	<10	**10**	**16**
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	**53**	**17**	**<=10**	**<=10**	**13**
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<10	<10
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<10	<10
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

RWB laboratoire SA

FELDREBEN			961	962	965	966	963	964	975	976	1199	1200
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006	29.03.2006
		MethodeBlindwert.	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	**0.2**	<0.1	<=0.1	<0.1	**0.2**	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	**0.6**	<0.1	**0.3**	<0.1	**2.5**	<0.1	**0.4**
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	**0.5**	<0.2	**0.6**	<0.2	**0.5**	<0.2	**1.5**	<0.2	**4.5**
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	**0.5**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	**1.3**	<0.1	**1.1**	<0.1	**0.8**	<0.1	**4.6**	<0.1	**4.9**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.4**	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.2	**19**	<0.1	**57**	<0.1	**22**	<0.1	**33**	<0.1	**9.1**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

RWB laboratoire SA

FELDREBEN			961	962	965	966	963	964	975	976	1199	1200
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006	29.03.2006
		MethodeBlindwert.	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2.0	<2	<2	<2	**4.2**	<2	**2.8**	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	**7.6**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

RWB laboratoire SA

FELDREBEN			1201	1202	977	978	969	970	971	972	1081	1082
Probenahmedatum			30.03.2006	30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006	16.03.2006	16.03.2006	21.03.2006	21.03.2006
		MethodeBlindwert.	F4h - Blindwert	F4h	F5P1 - Blindwert	F5P1	F5P2 - Blindwert	F5P2	F5P5 - Blindwert	F5P5	F6 - Blindwert	F6
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.1**	<0.1	**0.7**	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**1.3**	<0.1	**6**	<0.1	**0.2**
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.2**	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.5**	<0.2	**0.7**
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	**0.1**	<0.1	**1.2**	<0.1	**2.1**	<0.1	**6.9**	<0.1	**1.2**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	**0.1**	<0.1	**0.6**	<0.1	**7.2**	<0.1	**30**	<0.1	**17**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

RWB laboratoire SA

FELDREBEN			1201	1202	977	978	969	970	971	972	1081	1082
Probenahmedatum			30.03.2006	30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006	16.03.2006	16.03.2006	21.03.2006	21.03.2006
		MethodeBlindwert.	F4h - Blindwert	F4h	F5P1 - Blindwert	F5P1	F5P2 - Blindwert	F5P2	F5P5 - Blindwert	F5P5	F6 - Blindwert	F6
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.2**	<0.2	**1.1**	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2.0	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**7.8**	<0.05	**22**	<0.05	**1.1**

RWB laboratoire SA

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

FELDREBEN			987	988	985	986	1197	1198	979	980	1079	1080	1073
Probenahmedatum			20.03.2006	20.03.2006	20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006	17.03.2006	21.03.2006	21.03.2006	21.03.2006
		MethodeBlindwert.	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert	F10	F11 - Blindwert	F11	21.E.3 - Blindwert
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<=0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2	<0.2	0.3	<0.2	0.5	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	1.4	<0.1	5.6	<0.1	3.3	<0.1	<0.1	<0.1	<=0.1	<0.1
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	2.6	<0.1	2.5	<0.1	6.2	<0.1	<0.1	<0.1	3.2	<0.1
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

RWB laboratoire SA

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

FELDREBEN			987	988	985	986	1197	1198	979	980	1079	1080	1073
Probenahmedatum			20.03.2006	20.03.2006	20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006	17.03.2006	21.03.2006	21.03.2006	21.03.2006
		MethodeBlindwert.	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert	F10	F11 - Blindwert	F11	21.E.3 - Blindwert
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.2**	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.2**	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2.0	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

RWB laboratoire SA

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

FELDREBEN			1074	1195	1196	981	982	983	984	1075	1076	967	968
Probenahmedatum			21.03.2006	29.03.2006	29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	21.03.2006	21.03.2006	15.03.2006	15.03.2006
		MethodeBlindwert.	21.E.3	21.E.25 - Blindwert	21.E.25	21.P.3 hoch - Blindwert	21.P.3 hoch	21.C.230 - Blindwert	21.C.230	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	**0.2**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	**1.7**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorbutadien	µg/l	<0.1	<=0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	**0.3**	<0.2	**0.5**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**<=0.2**
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	**2.6**	<0.1	**0.4**	<0.1	**0.2**	<0.1	<0.1	<0.1	<0.1	<0.1	**0.6**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	**16**	<0.1	**2.5**	<0.1	**2.3**	<0.1	<0.1	<0.1	<0.1	<0.1	**3.1**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.1	**0.6**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

RWB laboratoire SA

FELDREBEN			1074	1195	1196	981	982	983	984	1075	1076	967	968
Probenahmedatum			21.03.2006	29.03.2006	29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	21.03.2006	21.03.2006	15.03.2006	15.03.2006
		MethodeBlindwert.	21.E.3	21.E.25 - Blindwert	21.E.25	21.P.3 hoch - Blindwert	21.P.3 hoch	21.C.230 - Blindwert	21.C.230	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2.0	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	**19**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.1**

F LKW

LHKW

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne März 2006

FELDREBEN			973	974	1077	1078	1184	1185
Probenahmedatum			16.03.2006	16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
		MethodeBlindwert.	**21.C.236 - Blindwert**	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	**0.1**	<0.1	<0.1	<0.1	**0.2**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	**1.5**	<0.1	**0.1**	<0.1	**0.1**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F LKW

LHKW

Deponien Muttenz Probenahme Kampagne März 2006

RWB laboratoire SA

FELDREBEN			973	974	1077	1078	1184	1185
Probenahmedatum			16.03.2006	16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
		MethodeBlindwert.	21.C.236 - Blindwert	21.C.236	21.C.81 - Blindwert	21.C.81	21.C.245 - Blindwert	21.C.245
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2.0	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

F DOC AOX

Chemie

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			961	962	965	966	963	964	975	976	1199	1200	1201
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006	29.03.2006	30.03.2006
			F1 - Blindwert	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**
DOC	mg/l		<0.1	**0.3**	**0.2**	**0.6**	<0.1	**0.6**	**0.1**	**1.5**	<0.1	**0.7**	<0.1
AOX	µg Cl / l		<10	**11**	<10	<10	<10	**13**	<10	**27**	<10	<100	<10

F DOC AOX

Chemie

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			1202	977	978	969	970	971	972	1081	1082	987	988
Probenahmedatum			30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006	16.03.2006	16.03.2006	21.03.2006	21.03.2006	20.03.2006	20.03.2006
			F4h	**F5P1 - Blindwert**	**F5P1**	**F5P2 - Blindwert**	**F5P2**	**F5P5 - Blindwert**	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**
DOC	mg/l		**0.3**	<0.1	**0.4**	<0.1	**0.5**	**0.1**	**0.4**	<0.1	**0.2**	<0.1	**0.9**
AOX	µg Cl / l		<10	<10	<10	<10	<10	<10	**51**	<10	**15**	<10	**18**

F DOC AOX

Chemie

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			985	986	1197	1198	979	980	1079	1080	1073	1074	1195
Probenahmedatum			20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006	17.03.2006	21.03.2006	21.03.2006	21.03.2006	21.03.2006	29.03.2006
			F8 - Blindwert	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**	**21.E.25 - Blindwert**
DOC	mg/l		<0.1	**1.1**	<0.1	**0.6**	<0.1	**1.1**	**0.1**	**0.3**	**0.5**	**0.5**	<0.1
AOX	µg Cl / l		<100	<100	<10	<10	<10	<10	<10	<10	<10	**28**	<10

F DOC AOX

Chemie

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			1196	981	982	983	984	1075	1076	967	968	973	974
Probenahmedatum			29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	21.03.2006	21.03.2006	15.03.2006	15.03.2006	16.03.2006	16.03.2006
			21.E.25	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**	**21.C.236**
DOC	mg/l		**0.3**	<0.1	**0.5**	<0.1	**0.5**	**0.3**	**3.4**	<0.1	**0.3**	<0.1	**0.3**
AOX	µg Cl / l		<10	<10	<10	<10	<10	<10	<100	<10	<10	<10	<10

F DOC AOX

Chemie

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			1077	1078	1184	1185
Probenahmedatum			21.03.2006	21.03.2006	01.06.2006	01.06.2006
			21.C.81 - Blindwert	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
DOC	mg/l		**0.2**	**0.5**	<0.1	**0.2**
AOX	µg Cl / l		<10	<100	<10	<10

F Phenole

Phenole

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne März 2006

FELDREBEN			961	962	965	966	963	964	975	976	1199
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006
		Methodeblind.	**F1 - Blindwert**	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**
Phenol	ng/l	<50	67	<50	<50	<50	<50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Pentachlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Phenole

Phenole

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			1200	1201	1202	977	978	969	970	971	972
Probenahmedatum			29.03.2006	30.03.2006	30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006	16.03.2006	16.03.2006
		Methodeblind.	**F3t**	**F4h - Blindwert**	**F4h**	**F5P1 - Blindwert**	**F5P1**	**F5P2 - Blindwert**	**F5P2**	**F5P5 - Blindwert**	**F5P5**
Phenol	ng/l	<50	<50	<50	<50	**7298**	**215**	**1228**	**288**	**822**	**83**
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Pentachlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Phenole

Phenole

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne März 2006

FELDREBEN			1081	1082	987	988	985	986	1197	1198	979
Probenahmedatum			21.03.2006	21.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006
		Methodeblind.	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**
Phenol	ng/l	<50	<50	<50	<=50	<50	<50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Pentachlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Phenole

Phenole

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne März 2006

FELDREBEN			980	1079	1080	1073	1074	1195	1196	981	982	983	984
Probenahmedatum			17.03.2006	21.03.2006	21.03.2006	21.03.2006	21.03.2006	29.03.2006	29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006
		Methodeblind.	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**	**21.E.25 - Blindwert**	**21.E.25**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**
Phenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Pentachlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Phenole

Phenole

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			1075	1076	967	968	973	974	1077	1078	1184	1185
Probenahmedatum			21.03.2006	21.03.2006	15.03.2006	15.03.2006	16.03.2006	16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
		Methodeblind.	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Phenol	ng/l	<50	<50	**85**	<50	<50	<50	<=50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Pentachlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

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Deponien Muttenz Probenahme Kampagne März 2006

RWB laboratoire SA

FELDREBEN			961	962	965	966	963	964	975	976
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006
		Methodeblind.	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h
Naphtalin	ng/l	<20	46	25	<20	<20	<20	<20	60	27
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	<=10	<10	<10	<10	<10	<10	<=10	<10
2-Methylnaphtalin	ng/l	<10	14	<=10	<10	<=10	<10	<10	20	<=10

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Deponien Muttenz Probenahme Kampagne März 2006

RWB laboratoire SA

FELDREBEN			1199	1200	1201	1202	977	978	969	970	971	972
Probenahmedatum			29.03.2006	29.03.2006	30.03.2006	30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006	16.03.2006	16.03.2006
		Methodeblind.	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**	**F4h**	**F5P1 - Blindwert**	**F5P1**	**F5P2 - Blindwert**	**F5P2**	**F5P5 - Blindwert**	**F5P5**
Naphtalin	ng/l	<20	**27**	**43**	**39**	**39**	**21**	<20	<=20	**30**	**33**	**44**
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	**10**	<=10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	**19**	**28**	**26**	**23**	**10**	<10	<10	**22**	**14**	**15**

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Deponien Muttenz Probenahme Kampagne März 2006

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FELDREBEN			1081	1082	987	988	985	986	1197	1198	979	980
Probenahmedatum			21.03.2006	21.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006	17.03.2006
		Methodeblind.	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**	**F10**
Naphtalin	ng/l	<20	**105**	**73**	<20	**35**	<20	**60**	**42**	**33**	**26**	**27**
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10	<=10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<=10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<=10	<=10	<10	<10	<10	**13**	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	**16**	**11**	<=10	**11**	<10	**10**	<=10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	**71**	**53**	<=10	**37**	<10	**41**	**25**	**29**	<10	**17**

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Deponien Muttenz Probenahme Kampagne März 2006

FELDREBEN			1079	1080	1073	1074	1195	1196	981	982	983	984
Probenahmedatum			21.03.2006	21.03.2006	21.03.2006	21.03.2006	29.03.2006	29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006
		Methodeblind.	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**	**21.E.25 - Blindwert**	**21.E.25**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**
Naphtalin	ng/l	<20	**97**	**80**	**36**	**30**	**41**	<=20	<20	<20	<=20	<20
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<=10	<=10	<10	<10	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	**13**	**15**	**11**	<10	<=10	**10**	<10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	**56**	**51**	**40**	**32**	**28**	**11**	<10	<10	<10	<10

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Deponien Muttenz Probenahme Kampagne März 2006

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FELDREBEN			1075	1076	967	968	973	974	1077	1078	1184	1185
Probenahmedatum			21.03.2006	21.03.2006	15.03.2006	15.03.2006	16.03.2006	16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
		Methodeblind.	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Naphtalin	ng/l	<20	60	48	<20	22	32	26	67	85	53	50
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<=10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	10	<10	10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	11	12	<10	<10	<10	<10	<=10	13	10	14
2-Methylnaphtalin	ng/l	<10	50	41	<10	15	21	13	44	90	35	46

F Pest

Pestizide

Deponien Muttenz Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			961	962	965	966	963	964	975	976	1199	1200	1201	1202	977	978	969	970
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006	29.03.2006	30.03.2006	30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006
		Methodeblind.	**F1 - Blindwert**	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**	**F4h**	**F5P1 - Blindwert**	**F5P1**	**F5P2 - Blindwert**	**F5P2**
Simazin	ng/l	<10	<10	**33**	<10	**18**	<10	**14**	<10	**15**	<10	**15**	<10	<39	<10	<10	<10	<=10
Atrazin	ng/l	<10	<10	**22**	<10	**24**	<10	**30**	<10	**16**	<10	**77**	<10	<28	<10	<10	<10	**16**
4,4' DDE	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Desethylatrazin	ng/l	<10	<20	<=20	<20	**49**	<20	**64**	<20	<=20	<20	**93**	<20	<53	<20	<20	<20	**28**
Ametryn	ng/l	<10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Prometryn	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**19**	<10	<10	<10	<10	<10	<10

F Pest

Pestizide

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			971	972	1081	1082	987	988	985	986	1197	1198	979	980	1079	1080	1073	1074
Probenahmedatum			16.03.2006	16.03.2006	21.03.2006	21.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006	17.03.2006	21.03.2006	21.03.2006	21.03.2006	21.03.2006
		Methodeblind.	**F5P5 - Blindwert**	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**
Simazin	ng/l	<10	<10	<=10	<10	<10	<10	<=10	<10	**60**	<10	**60**	<10	<10	<10	**19**	<10	**10**
Atrazin	ng/l	<10	<10	**17**	<10	**36**	<10	**16**	<10	**~118**	<10	**36**	<10	<10	<10	**55**	<10	**28**
4,4' DDE	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Desethylatrazin	ng/l	<10	<20	**24**	<20	**95**	<20	<=20	<20	**~234**	<20	**58**	<20	<20	<20	**~368**	<20	**42**
Ametryn	ng/l	<10	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Prometryn	ng/l	<10	<10	<=10	<10	**11**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**14**

F Pest

Pestizide

RWB laboratoire SA

Deponien Muttenz Probenahme Kampagne
März 2006

FELDREBEN			1195	1196	981	982	983	984	1075	1076	967	968	973	974	1077	1078	1184	1185
Probenahmedatum			29.03.2006	29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	21.03.2006	21.03.2006	15.03.2006	15.03.2006	16.03.2006	16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
		Methodeblind.	**21.E.25 - Blindwert**	**21.E.25**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Simazin	ng/l	<10	<10	**46**	<10	**46**	<10	**52**	<10	<10	<10	**14**	<10	**15**	<10	<=10	<10	<10
Atrazin	ng/l	<10	**11**	**72**	<10	**74**	<10	**~364**	<10	**16**	<10	**45**	<10	**63**	<10	**14**	<10	<10
4,4' DDE	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Desethylatrazin	ng/l	<10	<20	**121**	<20	**150**	<20	**~532**	<20	**44**	<20	**185**	<20	**~510**	<20	<20	<20	**166**
Ametryn	ng/l	<10	<50	<50	<50	<50	<50	<50	<50	**~200**	<50	<50	<50	<50	<50	<50	<50	<50
Prometryn	ng/l	<10	<10	<10	<10	<10	<10	**~764**	<10	**~250**	<10	**19**	<10	<=10	<10	**16**	<10	<10

F Met

Schwermetalle

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			961	962	965	966	963	964	975	976	1199
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006
		MethodeBlindwert	**F1 - Blindwert**	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**
As	µg/l	<0.1	< 0.1	**0.28**	< 0.1	**0.33**	< 0.1	**0.56**	< 0.1	**3**	**0.35**
Cd	µg/l	<0.02	< 0.02	< 0.02	**0.02**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.34**
Co	µg/l	<0.02	**0.29**	**0.75**	**0.06**	**0.59**	**0.07**	**0.63**	**0.04**	**0.97**	**1**
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	**0.09**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Sb	µg/l	<0.02	< 0.02	**0.02**	< 0.02	**0.02**	< 0.02	**0.04**	< 0.02	**0.26**	< 0.02
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.07**
Zn	µg/l	<1	**4.9**	**5.5**	**4.7**	< 2	**5.8**	< 2	< 2	**3.5**	**64.8**
B	µg/l	<0.1	< 1	**31**	< 1	**54**	< 1	**57**	< 1	**120**	< 1
Cr	µg/l	<1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.2**	**0.8**
Fe	µg/l	<2	< 2	**6.1**	< 2	**5.4**	< 2	**3.1**	< 2	< 2	**2.5**

F Met

Schwermetalle

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			1200	1201	1202	977	978	969	970
Probenahmedatum			29.03.2006	30.03.2006	30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006
		MethodeBlindwert	**F3t**	**F4h - Blindwert**	**F4h**	**F5P1 - Blindwert**	**F5P1**	**F5P2 - Blindwert**	**F5P2**
As	µg/l	<0.1	**1.7**	< 0.1	**0.51**	< 0.1	**0.43**	< 0.1	**0.39**
Cd	µg/l	<0.02	**0.02**	< 0.02	< 0.02	**0.02**	**0.03**	< 0.02	< 0.02
Co	µg/l	<0.02	**0.51**	**0.05**	**0.34**	**0.04**	**0.36**	< 0.02	**0.27**
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	**0.07**	**0.05**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Sb	µg/l	<0.02	**0.07**	< 0.02	**0.03**	< 0.02	**0.09**	< 0.02	**0.17**
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	< 2	**3.4**	< 2	< 2	< 2	< 2	< 2
B	µg/l	<0.1	**70**	< 1	**27**	**0.12**	**20**	< 1	**26**
Cr	µg/l	<1	< 0.5	< 0.5	**1**	< 0.5	< 0.5	< 0.5	**0.8**
Fe	µg/l	<2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

F Met

Schwermetalle

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			971	972	1081	1082	987	988	985	986	1197
Probenahmedatum			16.03.2006	16.03.2006	21.03.2006	21.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	29.03.2006
		MethodeBlindwert	**F5P5 - Blindwert**	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**
As	µg/l	<0.1	< 0.1	**0.38**	**0.42**	< 0.1	**0.14**	< 0.1	< 0.1	< 0.1	< 0.1
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Co	µg/l	<0.02	< 0.02	**0.36**	< 0.02	**0.44**	< 0.02	**0.38**	< 0.02	**0.76**	**0.04**
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.07**	< 0.05	< 0.05	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**8.2**	< 2
Sb	µg/l	<0.02	< 0.02	**0.09**	< 0.02	**0.04**	< 0.02	**0.04**	< 0.02	**0.08**	< 0.02
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	**2.4**	< 2	**2.5**	< 2	**2.7**	< 2	**4.9**	< 2	**3.1**
B	µg/l	<0.1	< 1	**28**	**2.1**	**35**	**3.9**	**82**	**0.13**	**120**	< 1
Cr	µg/l	<1	< 0.5	**0.6**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Fe	µg/l	<2	< 2	< 2	**2.9**	< 2	< 2	**2.7**	< 2	< 2	< 2

F Met

Schwermetalle

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			1198	979	980	1079	1080	1073	1074	1195	1196
Probenahmedatum			29.03.2006	17.03.2006	17.03.2006	21.03.2006	21.03.2006	21.03.2006	21.03.2006	29.03.2006	29.03.2006
		MethodeBlindwert	**F9**	**F10 - Blindwert**	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**	**21.E.25 - Blindwert**	**21.E.25**
As	µg/l	<0.1	**0.76**	< 0.1	**0.26**	**0.12**	< 0.1	**0.18**	**0.11**		**1.4**
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.13**		**0.38**
Co	µg/l	<0.02	**0.54**	**0.04**	**1.2**	**0.05**	**0.53**	< 0.02	**0.23**		**0.42**
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	**3**	< 2	< 2	< 2	< 2
Sb	µg/l	<0.02	**0.08**	< 0.02	**0.06**	< 0.02	**0.05**	< 0.02	**0.09**		**0.07**
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.02**		< 0.02
Zn	µg/l	<1	**3.3**	< 2	< 2	**7.8**	**3.3**	< 2	**2.7**	< 2	**708**
B	µg/l	<0.1	**90**	< 1	**79**	**1.3**	**58**	**3.7**	**33**	< 1	**61**
Cr	µg/l	<1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Fe	µg/l	<2	**3**	< 2	**66.7**	< 2	< 2	< 2	< 2	< 2	< 2

F Met

Schwermetalle

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			981	982	983	984	1075	1076	967	968	973
Probenahmedatum			20.03.2006	20.03.2006	20.03.2006	20.03.2006	21.03.2006	21.03.2006	15.03.2006	15.03.2006	16.03.2006
		MethodeBlindwert	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**
As	µg/l	<0.1	**0.2**	< 0.1	**0.58**	< 0.1	**0.58**	**< 0.1**	< 0.1	**0.5**	< 0.1
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.43**	< 0.02	< 0.02	< 0.02
Co	µg/l	<0.02	< 0.02	**0.5**	**0.03**	**0.35**	< 0.02	**0.43**	< 0.02	**0.47**	< 0.02
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Sb	µg/l	<0.02	< 0.02	**0.04**	< 0.02	**0.1**	< 0.02	**0.32**	< 0.02	**0.08**	< 0.02
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.02**	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	**4.1**	< 2	**5.8**	**94.2**	**9.6**	**1140**	**5**	**16.4**	**3.4**
B	µg/l	<0.1	< 1	**84**	< 1	**26**	**1.8**	**82**	< 1	**37**	< 1
Cr	µg/l	<1	< 0.5	**0.6**	**0.7**	< 0.5	**1**	< 0.5	< 0.5	< 0.5	< 0.5
Fe	µg/l	<2	< 2	**2.4**	**2.8**	< 2	**2.5**	**3.4**	< 2	< 2	< 2

F Met

Schwermetalle

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			974	1077	1078	1184	1185
Probenahmedatum			16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
		MethodeBlindwert	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
As	µg/l	<0.1	**0.64**	**2.1**	< 0.1	**0.13**	**0.1**
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	**0.03**
Co	µg/l	<0.02	**0.58**	< 0.02	**0.24**	< 0.02	**0.23**
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	**0.05**	< 0.05	**0.05**	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2
Sb	µg/l	<0.02	**0.03**	< 0.02	**0.11**	< 0.02	**0.03**
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	**7.1**	**13**	< 2	< 2	**1310**
B	µg/l	<0.1	**27**	**4.2**	**28**	**27**	**59**
Cr	µg/l	<1	**1.1**	< 0.5	< 0.5	< 0.5	< 0.5
Fe	µg/l	<2	**11.9**	< 2	**3.4**	< 2	**3.2**

F Barbiturate

Barbiturate

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			961	962	965	966	963	964	975	976	1199	1200	1201
Probenahmedatum			15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	15.03.2006	17.03.2006	17.03.2006	29.03.2006	29.03.2006	30.03.2006
		Methodeblindwert	**F1 - Blindwert**	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**
Barbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Aprobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Butalbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Mephobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Heptabarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

F Barbiturate

Barbiturate

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			1202	977	978	969	970	971	972	1081	1082	987	988
Probenahmedatum			30.03.2006	17.03.2006	17.03.2006	17.03.2006	16.03.2006	16.03.2006	16.03.2006	21.03.2006	21.03.2006	20.03.2006	20.03.2006
		Methodeblindwert	**F4h**	**F5P1 - Blindwert**	**F5P1**	**F5P2 - Blindwert**	**F5P2**	**F5P5 - Blindwert**	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**
Barbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Aprobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Butalbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Mephobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Heptabarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

F Barbiturate

Barbiturate

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			985	986	1197	1198	979	980	1079	1080	1073	1074
Probenahmedatum			20.03.2006	20.03.2006	29.03.2006	29.03.2006	17.03.2006	17.03.2006	21.03.2006	21.03.2006	21.03.2006	21.03.2006
		Methodeblindwert	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**
Barbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Aprobarbital	µg/l	<0.10	<0.10	**0.35**	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Butalbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Mephobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Heptabarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

F Barbiturate

Barbiturate

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			1195	1196	981	982	983	984	1075	1076	967
Probenahmedatum			29.03.2006	29.03.2006	20.03.2006	20.03.2006	20.03.2006	20.03.2006	21.03.2006	21.03.2006	15.03.2006
		Methodeblindwert	**21.E.25 - Blindwert**	**21.E.25**	**21.P.3h - Blindwert**	**21.P.3h**	**21.C.230 - Blindwert**	**21.C.230**	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**
Barbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Aprobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	**0.32**	<0.10	<0.10	<0.10	<0.10	<0.10
Butalbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Mephobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Heptabarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

F Barbiturate

Barbiturate

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			968	973	974	1077	1078	1184	1185
Probenahmedatum			15.03.2006	16.03.2006	16.03.2006	21.03.2006	21.03.2006	01.06.2006	01.06.2006
		Methodeblindwert	**21.C.232**	**21.C.236 - Blindwert**	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Barbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Aprobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Butalbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Mephobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenobarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Heptabarbital	µg/l	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

F Aromat. Sulfonate

Aromatische Sulfonate

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			1073	1074
Probenahmedatum			21.03.2006	21.03.2006
		Methodeblindwert	**21.E.3 - Blindwert**	**21.E.3**
Benzol-1,3-disulfonat	µg/L	0.2	< BG	< BG
4-Methylbenzolsulfonat	µg/L	0.2	< BG	< BG
3-Nitrobenzolsulfonat	µg/L	0.2	< BG	< BG
3-Chlor-4-methylbenzolsulfonat	µg/L	0.2	< BG	< BG
2-Amino-5-methylbenzolsulfonat	µg/L	0.2	< BG	< BG
5-Nitro-2-methylbenzolsulfonat	µg/L	0.2	< BG	< BG
2-Chlor-5-nitrobenzolsulfonat	µg/L	0.2	< BG	< BG
2-Amino-5-chlor-4-methylbenzolsulfonat	µg/L	0.2	< BG	< BG
Naphthalin-1-sulfonat	µg/L	0.02	< BG	< BG
Naphthalin-2-sulfonat	µg/L	0.02	< BG	< BG
Naphthalin-1,3-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-1,5-disulfonat	µg/L	0.02	**0.11**	**0.54**
Naphthalin-1,6-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-1,7-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-2,6-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-2,7-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-1,3,5-trisulfonat	µg/L	0.02	**0.02**	**0.12**
Naphthalin-1,3,6-trisulfonat	µg/L	0.02	**0.02**	**0.03**
Naphthalin-1,3,7-trisulfonat	µg/L	0.02	< BG	< BG
8,8'-Methylenbis-2-naphthalinsulfonat	µg/L	0.02	< BG	< BG
1-Aminonaphthalin-4-sulfonat	µg/L	0.02	< BG	< BG
1-Aminonaphthalin-7-sulfonat	µg/L	0.02	< BG	< BG
2-Aminonaphthalin-1-sulfonat	µg/L	0.02	< BG	< BG
2-Aminonaphthalin-6-sulfonat	µg/L	0.02	< BG	< BG
2-Aminonaphthalin-1,5-disulfonat	µg/L	0.02	< BG	< BG
2-Aminonaphthalin-4,8-disulfonat	µg/L	0.02	< BG	< BG
1-Hydroxynaphthalin-4-sulfonat	µg/L	0.02	< BG	< BG
2-Hydroxynaphthalin-6-sulfonat	µg/L	0.02	< BG	< BG
1-Hydroxynaphthalin-3,6-disulfonat	µg/L	0.2	< BG	< BG
2-Hydroxynaphthalin-3,6-disulfonat	µg/L	0.02	< BG	< BG
1-Amino-8-hydroxynaphthalin-2,4-disulfonat	µg/L	0.02	< BG	< BG
1-Amino-8-hydroxynaphthalin-3,6-disulfonat	µg/L	0.02	< BG	< BG
2-Amino-5-hydroxynaphthalin-7-sulfonat	µg/L	0.02	< BG	< BG
Anthrachinon-2-sulfonat	µg/L	0.2	< BG	< BG

F Aromat. Sulfonate

Aromatische Sulfonate

Deponien Muttenz
Probenahme Kampagne
März 2006

RWB laboratoire SA

FELDREBEN			1073	1074
Probenahmedatum			21.03.2006	21.03.2006
		Methodeblindwert	**21.E.3 - Blindwert**	**21.E.3**
Anthrachinon-1,5-disulfonat	µg/L	0.2	< BG	< BG
Anthrachinon-1,8-disulfonat	µg/L	0.2	< BG	< BG
1-Amino-4-bromanthrachinon-2-sulfonat	µg/L	0.2	< BG	< BG
4,4'-Diamino-1,1'-bianthrachinon-3,3'-disulfonat	µg/L	0.2	< BG	< BG
cis-4,4'-Diaminostilben-2,2'-disulfonat	µg/L	0.5	< BG	< BG
trans-4,4'-Diaminostilben-2,2'-disulfonat	µg/L	0.5	< BG	< BG
cis-4,4'-Dinitrostilben-2,2'-disulfonat	µg/L	0.5	< BG	< BG
trans-4,4'-Dinitrostilben-2,2'-disulfonat	µg/L	0.5	< BG	< BG
2-Hydroxy-4,6-bis(4-sulfanilo)-1,3,5-triazin	µg/L	0.5	< BG	< BG

RWB
laboratoire SA

Grundwasserüberwachung

Messkampagne 2, Juni 2006

Resultate

Bemerkungen :

Chemie :

- Keine

LKW (Leichtflüchtige Kohlenwasserstoffe) :

- In allen Proben wurden LKW nachgewiesen.

Beilage : Resultattabellen

F-Chemie

RWB laboratoire SA

Chemie

Deponien Muttenz Probenahme Kampagne Juni 2006

FELDREBEN			2150	2152	2154	2204	2206	2208	2210	2212	2216
Probenahmedatum			30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006
			F2.1 tief	**F2.2 hoch**	**F5P5**	**21.P.3 hoch**	**21.E.3**	**21.E.25**	**F4 hoch**	**F3.2 hoch**	**21.C.232**
Nitrite	mg/l		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.003**	**0.005**	<0.002
Alkalinität	℉		**29.6**	**29.8**	**17.4**	**32.7**	**19.4**	**28**	**27.2**	**35.5**	**24.4**
Gesamthärte	℉		**34.2**	**33.7**	**22.1**	**44.8**	**23.9**	**41.1**	**32.8**	**97.9**	**28.1**
Kalium	mg/l		**1.8**	**1.9**	**2**	**4**	**2.1**	**4.1**	**1.1**	**13.8**	**2.2**
Natrium	mg/l		**17.5**	**19.4**	**11.4**	**20.4**	**10.8**	**13.6**	**8.4**	**26.3**	**8.4**
Magnesium	mg/l		**12.3**	**11.4**	**9.2**	**19.3**	**11.3**	**23.7**	**19.4**	**37.7**	**12.4**
Ammonium	mg/l		<0.002	**0.004**	**0.01**	**0.003**	<0.002	<0.002	<0.002	<0.002	**0.002**
Sulfate	mg/l		**49.2**	**43.5**	**34.6**	**85.6**	**41.5**	**100.6**	**44.7**	**552.1**	**40.4**
Nitrate	mg/l		**21.6**	**26.1**	**11.9**	**41.7**	**12.2**	**40.4**	**19.9**	**88.8**	**17.1**
Fluoride	mg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**631.1**	**363.6**	**212.3**	**398.9**	**236.7**	**341.6**	**331.8**	**433.1**	**297.7**
Chloride	mg/l		**29**	**27.4**	**17.9**	**40.5**	**17.6**	**30.8**	**11.7**	**31.3**	**13.1**
pH_{Labor}			**6.84**	**6.81**	**7.13**	**7.12**	**7.39**	**7.31**	**7.35**	**7.17**	**7.32**
Leitfähigkeit	µS/cm		**740**	**733**	**464**	**914**	**497**	**819**	**615**	**1673**	**574**
Temperatur	℃		**15.4**	**15.7**	**14**	**14.4**	**13**	**16.4**	**15**	**15.4**	**14.8**
O_2	mg/l		**4.4**	**6**	**8.7**	**7.1**	**7.8**	**3**	**8.1**	**7.4**	**7.9**
Sinnesprüfungen											
Trübung	FTU		**0.8**	**2.1**	**0.2**	**0.3**	<0.1	**4.5**	**0.4**	**0.7**	**0.1**
Farbe			keine	keine	keine	keine	keine	gelblich	keine	keine	keine
Geruch			kein	kein	kein	kein	kein	kein	kein	kein	kein

F-Chemie

RWB laboratoire SA

Chemie

Deponien Muttenz Probenahme Kampagne Juni 2006

FELDREBEN			2218	2275	2277	2283	2360
Probenahmedatum			30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006
			F 3.1 tief	**F5 P1**	**F5 P2**	**21.C.236**	**21.C.245**
Nitrite	mg/l		<0.002	**0.03**	**0.03**	<0.002	**0.5**
Alkalinität	℉		**27.6**	**16**	**12**	**28.9**	**16.2**
Gesamthärte	℉		**42.3**	**19.9**	**14.9**	**36.8**	**21.8**
Kalium	mg/l		**4.1**	**1.7**	**4.5**	**0.8**	**2.3**
Natrium	mg/l		**13**	**11.5**	**12.7**	**13.3**	**3.8**
Magnesium	mg/l		**25.1**	**10**	**7.7**	**25**	**27.9**
Ammonium	mg/l		<0.002	**0.002**	**0.089**	<0.002	**0.312**
Sulfate	mg/l		**133.6**	**34.9**	**31.5**	**46**	**36.8**
Nitrate	mg/l		**35**	**10.3**	**9.9**	**27.8**	**13.6**
Fluoride	mg/l		<0.2	<0.2	<0.2	<0.2	<0.2
freie Cyanide	µg/l		<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**336.7**	**195.2**	**146.4**	**352.6**	**197.6**
Chloride	mg/l		**20.2**	**18.2**	**16.9**	**26.2**	**12**
pH_{Labor}			**7.32**	**7.56**	**7.76**	**7.33**	**7.92**
Leitfähigkeit	µS/cm		**829**	**428**	**361**	**716**	**469**
Temperatur	℃		**14.8**	**14.4**	**17.1**	**15.3**	**12.4**
O_2	mg/l		**4.7**	**8.4**	**8.2**	**7.9**	**3.4**
Sinnesprüfungen							
Trübung	FTU		**1.2**	**0.7**	**1.2**	**33.7**	**1.4**
Farbe			keine	keine	keine	keine	keine
Geruch			kein	kein	kein	kein	kein

RWB laboratoire SA

F-LKW

LHKW

Deponien Muttenz Probenahme Kampagne
Juni 2006

FELDREBEN			2148	2149	2150	2151	2152	2153	2154	2155	2203	2204	2205	2206
Probenahmedatum					30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006
		MethodeBlindwert.	**F1**	**F1-Blindwert**	**F2.1 tief**	**F2.1 tief-Blindwert**	**F2.2 hoch**	**F2.2 hoch-Blindwert**	**F5P5**	**F5P5-Blindwert**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.E.3 - Blindwert**	**21.E.3**
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	**0.2**	<0.1	**0.3**	<0.1	<0.1	<0.1	<0.1	**0.1**
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	**0.2**	<0.1	**0.7**	<0.1	**2.4**	<0.1	<0.1	<0.1	<0.1	**1.4**
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	**<=0.1**	<0.1	**0.1**	<0.1	<0.1	<0.1	<0.1	**<=0.1**
Chloroform	µg/l	<0.2	**0.5**	<0.2	**0.3**	<0.2	**0.5**	<0.2	**0.2**	<0.2	<0.2	<0.2	<0.2	**0.2**
1,1,1 Trichlorethan	µg/l	<0.2	**0.4**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	**1.2**	<0.1	**0.6**	<0.1	**1**	<0.1	**3.8**	<0.1	<0.1	**0.2**	<0.1	**2.4**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	**16**	<0.1	**14**	<0.1	**49**	<0.1	**14**	<0.1	<0.1	**1.2**	<0.1	**8.2**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

F-LKW

LHKW

Deponien Muttenz Probenahme Kampagne
Juni 2006

RWB laboratoire SA

FELDREBEN			2148	2149	2150	2151	2152	2153	2154	2155	2203	2204	2205	2206
Probenahmedatum					30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006
		MethodeBlindwert.	**F1**	**F1-Blindwert**	**F2.1 tief**	**F2.1 tief-Blindwert**	**F2.2 hoch**	**F2.2 hoch-Blindwert**	**F5P5**	**F5P5-Blindwert**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.E.3 - Blindwert**	**21.E.3**
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.4**	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2	<2	**4.2**	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	**1.6**	<0.05	**9.3**	<0.05	**16**	<0.05	<0.05	<0.05	<0.05	**14**

RWB laboratoire SA

F-LKW

LHKW

Deponien Muttenz Probenahme Kampagne
Juni 2006

FELDREBEN			2207	2208
Probenahmedatum			30.05.2006	30.05.2006
		MethodeBlindwert.	**21.E.25 - Blindwert**	**21.E.25**
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	**0.6**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	**2**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2

RWB laboratoire SA

F-LKW

LHKW

Deponien Muttenz Probenahme Kampagne
Juni 2006

FELDREBEN			2207	2208
Probenahmedatum			30.05.2006	30.05.2006
		MethodeBlindwert.	**21.E.25 - Blindwert**	**21.E.25**
Chlorbenzol	µg/l	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05

RWB laboratoire SA

F-LKW

LHKW

Deponien Muttenz Probenahme Kampagne
Juni 2006

FELDREBEN			2209	2210	2211	2212	2215	2216	2217	2218	2274	2275	2276
Probenahmedatum			30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006
		MethodeBlindwert.	**F4 hoch - Blindwert**	**F4 hoch**	**F3.2 hoch - Blindwert**	**F3.2 hoch**	**21.C.232 - Blindwert**	**21.C.232**	**F 3.1 tief - Blindwert**	**F 3.1 tief**	**F5P1- Blindwert**	**F5 P1**	**F5P2- Blindwert**
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	**0.4**	<0.1	<0.1	<0.1	**<=0.1**	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	**4.1**	<0.1	<0.1	<0.1	**0.9**	<0.1	**0.5**	<0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2	<0.2	**1.8**	<0.2	<0.2	<0.2	**4.5**	<0.2	<0.2	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	**0.1**	<0.1	**7.3**	<0.1	**0.3**	<0.1	**4.1**	<0.1	**1.1**	<0.1
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	**0.4**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	**0.1**	<0.1	**56**	<0.1	**2.5**	<0.1	**9.2**	<0.1	**0.4**	<0.1
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

F-LKW

LHKW

Deponien Muttenz Probenahme Kampagne
Juni 2006

RWB laboratoire SA

FELDREBEN			2209	2210	2211	2212	2215	2216	2217	2218	2274	2275	2276
Probenahmedatum			30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006
		MethodeBlindwert.	**F4 hoch - Blindwert**	**F4 hoch**	**F3.2 hoch - Blindwert**	**F3.2 hoch**	**21.C.232 - Blindwert**	**21.C.232**	**F 3.1 tief - Blindwert**	**F 3.1 tief**	**F5P1- Blindwert**	**F5 P1**	**F5P2- Blindwert**
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	**1.8**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	**0.4**	<0.05	<0.05	<0.05	<0.05	<0.05

F-LKW

LHKW

Deponien Muttenz Probenahme Kampagne
Juni 2006

RWB laboratoire SA

FELDREBEN			2277	2282	2283	2359	2360
Probenahmedatum			30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006
		MethodeBlindwert.	**F5 P2**	**21.C.236- Blindwert**	**21.C.236**	**21.C.245 - Blindwert**	**21.C.245**
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	**0.1**	<0.1	<0.1	<0.1	<0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	**0.5**	<0.1	**0.2**	<0.1	**0.4**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	**0.9**	<0.1	**1**	<0.1	**0.3**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

RWB laboratoire SA

F-LKW

LHKW

Deponien Muttenz Probenahme Kampagne
Juni 2006

FELDREBEN			2277	2282	2283	2359	2360
Probenahmedatum			30.05.2006	30.05.2006	30.05.2006	30.05.2006	30.05.2006
		MethodeBlindwert.	**F5 P2**	**21.C.236- Blindwert**	**21.C.236**	**21.C.245 - Blindwert**	**21.C.245**
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

RWB laboratoire SA

Untersuchungsetappe II

Messkampagne 2, Juli 2006

Resultate

Bemerkungen :

Chemie :
- Keine

Aniline :
- Die Feldblindproben F5P1, F8, 21C232 und 21C81 enthalten aus unerklärlichen Gründen Anilin und z.T. 2-Chloranilin. Die in den entsprechenden Messproben gefundenen Gehalte sind daher fragwürdig und bei der Dateninterpretation zu ignorieren.
- In F8 und F9 wurde Dichloraniline und Trrichloraniline nachgewiesen.
- Ansonsten es wurden keine Aniline nachgewiesen.

LKW (Leichtflüchtige Kohlenwasserstoffe) :
- In fast allen Messstellen wurden LKW nachgewiesen. Hexachlorethan wurde in den Proben von F2h, 21E3 (Florinbrunnen), F5P5, F6 und 21C232 nachgewiesen.

DOC-AOX :
- AOX wurde in 21c231, 21E3, 21J58, 21P3h, F1, F2t, F2h, F3t, F3h, F5P5, F6, F8 und F9 nachgewiesen.

Phenole und **Nitroverbindungen** :
- Es wurden keine Phenole oder Nitroverbindungen nachgewiesen.

PAK (polyaromatische Kohlenwasserstoffe) :
- Es wurden keine PAK nachgewiesen.

Pestizide :
- Fast alle Messstellen erweisen Pestizide.

Schwermetalle :
- Automatische Rundungsberechnung der Bestimmungsgrenzen.
- Auffällig sind hohe Gehalte an B in allen Messstellen.

Barbiturate :
- Die Messstellen F3t, F5P5 und F9 erweisen Barbiturate.

Beilage : Resultattabellen

F Chem

Chemie

Deponien Muttenz Probenahme Kampagne
Juli 2006

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
			F1 - Blindwert	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**
Nitrite	mg/l		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Alkalinität	℉		0	**31.8**	0	**29.2**	0	**27.5**	0	**30.6**	0	**26.6**	0
Gesamthärte	℉		<0.4	**45.6**	<0.4	**35**	<0.4	**34.4**	**1.2**	**77.6**	<0.4	**45.5**	<0.4
Kalium	mg/l		**<=0.5**	<0.5	<0.5	**1.4**	**<=0.5**	**2.2**	**0.5**	**14.3**	**1**	**3.7**	**1.2**
Natrium	mg/l		**0.4**	**20.9**	<0.1	**17.9**	<0.1	**14.9**	<0.1	**24.5**	<0.1	**14.4**	**0.3**
Magnesium	mg/l		<0.4	**17.9**	<0.4	**11.9**	<0.4	**12.9**	<0.4	**30.3**	<0.4	**25.9**	<0.4
Ammonium	mg/l		**<=0.002**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Sulfate	mg/l		<0.1	**62.4**	<0.1	**56.2**	<0.1	**52.2**	**0.2**	**455**	<0.1	**161**	<0.1
Nitrate	mg/l		<0.2	**41.2**	<0.2	**17.8**	<0.2	**16.7**	<0.2	**71.4**	<0.2	**37.2**	<0.2
Fluoride	mg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		<5	**388**	<5	**356**	<5	**335**	**23.3**	**374**	<5	**325**	<5
Bromide	µg/l		<5	**22**	<5	**63**	<5	**72**	<5	**454**	<5	**259**	<5
Chloride	mg/l		**0.1**	**59.3**	<0.1	**29.3**	<0.1	**28.3**	<0.1	**30.7**	**0.1**	**23.3**	<0.1
pH_{Labor}			**5.71**	**7.1**	**6.12**	**7.26**	**5.96**	**7.25**	**6.13**	**7.2**	**6.77**	**7.36**	**5.76**
Leitfähigkeit	µS/cm			**926**		**716**		**705**		**1403**		**855**	
Temperatur	℃			**15.8**		**15.7**		**15.3**		**15.6**		**14.9**	
O_2	mg/l			**6.1**		**4.6**		**4.1**		**7.7**		**4.9**	
Calcium	mg/l		<1	**153**	<1	**121**	<1	**117**	**4.8**	**261**	<1	**140**	<1
Sinnesprüfungen													
Trübung	FTU		**0.1**	**1.1**	**<=0.1**	**1.9**	**0.1**	**0.8**	**<=0.1**	**0.7**	**0.1**	**1.8**	**0.1**
Farbe			keine	keine	keine	keine	keine	keine	keine	gelblich	keine	keine	keine
Geruch			kein	kein	kein	kein	kein	kein	kein	kein	kein	kein	kein

F Chem
Chemie

Deponien Muttenz Probenahme Kampagne
Juli 2006

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
			F4h	**F5P1 - Blindwert**	**F5P1**
Nitrite	mg/l		**0.006**	<0.002	<0.002
Alkalinität	℉		**25.6**	0	**15.6**
Gesamthärte	℉		**30.6**	<0.4	**19.9**
Kalium	mg/l		**1.5**	**<=0.5**	**1.7**
Natrium	mg/l		**9**	<0.1	**11.2**
Magnesium	mg/l		**17.5**	<0.4	**9.9**
Ammonium	mg/l		**0.003**	<0.002	<0.002
Sulfate	mg/l		**36.4**	<0.1	**36.4**
Nitrate	mg/l		**15.5**	<0.2	**9.1**
Fluoride	mg/l		**0.2**	<0.2	**0.2**
freie Cyanide	µg/l		<10	<10	<10
Hydrogenkarbonate	mg/l		**313**	<5	**190**
Bromide	µg/l		**65**	<5	**160**
Chloride	mg/l		**11.1**	<0.1	**16.4**
pH_{Labor}			**7.57**	**6.25**	**7.71**
Leitfähigkeit	µS/cm		**574**		**420**
Temperatur	℃		**15.3**		**14.7**
O_2	mg/l		**8.5**		**7.7**
Calcium	mg/l		**93.5**	<1	**63.3**
Sinnesprüfungen					
Trübung	FTU		**0.7**	**0.1**	**2.8**
Farbe			keine	keine	keine
Geruch			kein	kein	kein

F Chem

Chemie

Deponien Muttenz Probenahme Kampagne
Juli 2006

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
			F5P5 - Blindwert	F5P5	F6 - Blindwert	F6	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert
Nitrite	mg/l		<0.002	**0.028**	<0.002	<0.002	<0.002	**0.006**	<0.002	**0.038**	<0.002	<0.002	<0.002
Alkalinität	℉		0	**18.8**	0	**33.8**	0	**24.6**	0	**39.5**	0	**35**	0
Gesamthärte	℉		<0.4	**21.7**	<0.4	**44.8**	<0.4	**35.9**	<0.4	**141**	<0.4	**56.4**	<0.4
Kalium	mg/l		<0.5	**8**	**0.8**	**1.4**	**<=0.5**	**2.1**	<0.5	**19.5**	**<=0.5**	**4.5**	<0.5
Natrium	mg/l		<0.1	**18**	<0.1	**20.8**	<0.1	**28.3**	<0.1	**101**	<0.1	**14.9**	<0.1
Magnesium	mg/l		<0.4	**8.9**	<0.4	**18.3**	<0.4	**11**	<0.4	**88.3**	<0.4	**32.2**	<0.4
Ammonium	mg/l		**0.004**	**0.152**	**0.003**	<0.002	**0.004**	**0.007**	<0.002	**0.109**	**0.005**	**0.005**	**0.003**
Sulfate	mg/l		<0.1	**37.8**	<0.1	**21.1**	<0.1	**45.9**	<0.1	**880**	<0.1	**158**	<0.1
Nitrate	mg/l		<0.2	**11.4**	<0.2	**27.3**	<0.2	**19.5**	<0.2	**188**	<0.2	**41.3**	<0.2
Fluoride	mg/l		<0.2	**<=0.2**	<0.2	**0.2**	<0.2	<0.2	<0.2	<0.2	<0.2	**<=0.2**	<0.2
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		<5	**229**	**<=5**	**412**	<5	**300**	<5	**482**	<5	**427**	<5
Bromide	µg/l		<5	**146**	<5	**56**	<5	**63**	<5	**1828**	<5	**133**	<5
Chloride	mg/l		<0.1	**17.4**	<0.1	**72.1**	<0.1	**78.3**	<0.1	**150**	**0.1**	**32.3**	<0.1
pH_{Labor}			**6.37**	**7.94**	**6.68**	**7.35**	**5.82**	**7.79**	**6.21**	**7.66**	**6.1**	**7.33**	**5.85**
Leitfähigkeit	µS/cm			**486**		**928**		**774**		**2710**		**1014**	
Temperatur	℃			**14.1**		**15.5**		**15.2**		**15.3**		**16.3**	
O_2	mg/l			**7.6**		**4.5**		**6**		**1.8**		**5.2**	
Calcium	mg/l		<1	**72.1**	**1.2**	**149**	**2**	**125**	<1	**419**	<1	**173**	<1
Sinnesprüfungen													
Trübung	FTU		**0.1**	**0.5**	**0.1**	**1.9**	**0.1**	**> 50**	**0.1**	**> 50**	**0.2**	**1.1**	**0.1**
Farbe			keine	keine	keine	keine	keine	gelblich	keine	keine	keine	keine	keine
Geruch			kein	kein	kein	kein	kein	kein	kein	kein	kein	kein	kein

F Chem

Chemie

Deponien Muttenz Probenahme Kampagne
Juli 2006

RWB laboratoire SA

FELDREBEN			3012	3013	3014	2958	2959
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006
			F10	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**
Nitrite	mg/l		**0.013**	<0.002	<0.002	<0.002	<0.002
Alkalinität	℉		**38.9**	0	**30**	0	**19.3**
Gesamthärte	℉		**42.2**	<0.4	**44.9**	<0.4	**25**
Kalium	mg/l		**1.9**	<0.5	**1.6**	**<=0.5**	**1.9**
Natrium	mg/l		**11.4**	<0.1	**30**	<0.1	**11.6**
Magnesium	mg/l		**16.2**	<0.4	**26.5**	<0.4	**12**
Ammonium	mg/l		**1.07**	**0.003**	**0.003**	<0.002	<0.002
Sulfate	mg/l		**35.7**	<0.1	**120**	<0.1	**45.9**
Nitrate	mg/l		**0.2**	<0.2	**32.1**	<0.2	**12.5**
Fluoride	mg/l		<0.2	<0.2	**0.4**	<0.2	<0.2
freie Cyanide	µg/l		<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**475**	<5	**366**	<5	**235**
Bromide	µg/l		**47**	<5	**56**	<5	**130**
Chloride	mg/l		**5.2**	<0.1	**36.9**	<0.1	**18.8**
pH_{Labor}			**7.24**	**5.79**	**7.37**	**6.52**	**7.78**
Leitfähigkeit	µS/cm		**751**		**872**		**506**
Temperatur	℃		**15.3**		**14.8**		**14.5**
O_2	mg/l		**0.1**		**2.7**		**6.8**
Calcium	mg/l		**142**	<1	**136**	**1**	**80.3**
Sinnesprüfungen							
Trübung	FTU		**26**	**0.1**	**3.7**	**<= 0.1**	**0.1**
Farbe			keine	keine	keine	keine	keine
Geruch			kein	kein	kein	kein	kein

F Chem

Chemie

Deponien Muttenz Probenahme Kampagne
Juli 2006

RWB laboratoire SA

FELDREBEN			3009	3010	3005	3006	3032	3033	3036	3037	3007	3008	3034
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006
			21.E.25 - Blindwert	**21.E.25**	**21.P.3h - Blindwert**	**21.P.3h**	**21.C.230 - Blindwert**	**21.C.230**	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**
Nitrite	mg/l		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Alkalinität	℉		0	**28.3**	0	**33.1**	0	**33**	0	**38.7**	0	**22.8**	0
Gesamthärte	℉		<0.4	**46.5**	<0.4	**47.3**	<0.4	**35.7**	<0.4	**40.1**	<0.4	**28.5**	<0.4
Kalium	mg/l		<0.5	**3.7**	<0.5	**4.7**	<0.5	<0.5	<0.5	**4.1**	<0.5	**2.3**	<0.5
Natrium	mg/l		<0.1	**16.3**	<0.1	**22.3**	<0.1	**2.6**	<0.1	**6.7**	<0.1	**9.1**	<0.1
Magnesium	mg/l		<0.4	**25.5**	<0.4	**21**	<0.4	**9.1**	<0.4	**13.2**	<0.4	**12.9**	<0.4
Ammonium	mg/l		**0.003**	**0.003**	**0.004**	**0.002**	**0.004**	**0.004**	**0.003**	**0.009**	**0.003**	**0.005**	**0.004**
Sulfate	mg/l		<0.1	**137**	<0.1	**90.5**	<0.1	**8.7**	<0.1	**10**	<0.1	**41.5**	<0.1
Nitrate	mg/l		<0.2	**37.8**	<0.2	**42.3**	<0.2	**8.9**	<0.2	**4.1**	<0.2	**16.1**	<0.2
Fluoride	mg/l		<0.2	**0.2**	<0.2	<0.2	<0.2	**<=0.2**	<0.2	**0.4**	<0.2	**<=0.2**	<0.2
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		<5	**345**	<5	**404**	<5	**403**	<5	**472**	<5	**278**	<5
Bromide	µg/l		<5	**184**	<5	**116**	<5	**51**	<5	**395**	<5	**108**	<5
Chloride	mg/l		**0.4**	**35.3**	<0.1	**43.2**	<0.1	**8**	<0.1	**5.2**	<0.1	**13.2**	<0.1
pH_{Labor}			**5.81**	**7.39**	**6.04**	**7.29**	**6.61**	**7.22**	**6.54**	**7.69**	**5.68**	**7.44**	**5.96**
Leitfähigkeit	µS/cm			**868**		**921**		**617**		**710**		**560**	
Temperatur	℃			**16.5**		**14.6**		**13.9**		**14.3**		**15**	
O_2	mg/l			**3.5**		**6.9**		**8.1**		**7.2**		**7.9**	
Calcium	mg/l		<1	**144**	<1	**155**	<1	**128**	<1	**139**	<1	**92.7**	<1
Sinnesprüfungen													
Trübung	FTU		**0.2**	**2.4**	**0.2**	**0.3**	**0.1**	**0.8**	**0.1**	**> 50**	**0.1**	**0.2**	**0.1**
Farbe			keine	keine	keine	keine	keine	keine	keine	keine	keine	keine	keine
Geruch			kein	kein	kein	kein	kein	kein	kein	kein	kein	kein	kein

F Chem
Chemie

RWB laboratoire SA

FELDREBEN			3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	21.07.2006		
			21.C.236	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Nitrite	mg/l		<0.002	<0.002	**0.004**	<0.002	**0.307**
Alkalinität	℉		**27.1**	0	**16.5**	0	**14.1**
Gesamthärte	℉		**36.2**	<0.4	**21.7**	<0.4	**19.6**
Kalium	mg/l		**0.7**	<0.5	**1.7**	<0.5	**2**
Natrium	mg/l		**25.2**	<0.1	**10.4**	<0.1	**3.5**
Magnesium	mg/l		**25.2**	<0.4	**9.8**	<0.4	**26.4**
Ammonium	mg/l		**0.004**	**0.003**	**0.025**	<0.002	**0.5**
Sulfate	mg/l		**45.9**	<0.1	**34.6**	<0.1	**36.1**
Nitrate	mg/l		**27.5**	<0.2	**8.1**	<0.2	**10.5**
Fluoride	mg/l		**<=0.2**	<0.2	<0.2	<0.2	**0.3**
freie Cyanide	µg/l		<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**331**	<5	**201**	<5	**172**
Bromide	µg/l		**71**	<5	**94**	<5	**53**
Chloride	mg/l		**48.2**	<0.1	**18.7**	<0.1	**11.6**
pH_{Labor}			**7.45**	**6.03**	**7.57**	**6.09**	**7.98**
Leitfähigkeit	µS/cm		**761**		**442**		**443**
Temperatur	℃		**15.4**		**16.1**		**13.3**
O_2	mg/l		**8.2**		**7.9**		**3.8**
Calcium	mg/l		**104**	<1	**70.7**	<1	**35.3**
Sinnesprüfungen							
Trübung	FTU		**22**	**0.1**	**15**	**0.1**	**3.1**
Farbe			keine	keine	keine	keine	keine
Geruch			kein	kein	kein	kein	kein

F Aniline

Deponien Muttenz Probenahme Kampagne
Juli 2006

Aniline

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
		Methodeblindwert	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t	F4h - Blindwert
Anilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Aniline

Aniline

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
		Methodeblindwert	**F4h**	**F5P1 - Blindwert**	**F5P1**
Anilin	ng/l	<10	<10	**<=10**	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	<10	<10	<10
3-Chloranilin	ng/l	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	**46**
2,3-Dichloranilin	ng/l	<10	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10

F Aniline

Deponien Muttenz Probenahme Kampagne
Juli 2006

Aniline

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
		Methodeblindwert	F5P5 - Blindwert	F5P5	F6 - Blindwert	F6	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert
Anilin	ng/l	<10	<10	18	<10	<10	<10	<10	10	11	<10	<10	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	72	<10	<10	<10
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	23	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	13	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<=20	<20	25	<20	<20	<20	2221	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	54	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<=10	<10	<10	<10	<10	<10	28	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	33	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<=20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Aniline

Aniline

RWB laboratoire SA

FELDREBEN			3012	3013	3014	2958	2959
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006
		Methodeblindwert	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**
Anilin	ng/l	<10	<10	<10	<10	<10	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	<20	<20	**43**
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	**11**
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	**13**
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	**10**

F Aniline

Deponien Muttenz Probenahme Kampagne
Juli 2006

Aniline

RWB laboratoire SA

FELDREBEN			3009	3010	3005	3006	3032	3033	3036	3037	3007	3008	3034
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006
		Methodeblindwert	21.E.25 - Blindwert	21.E.25	21.P.3 hoch - Blindwert	21.P.3 hoch	21.C.230 - Blindwert	21.C.230	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232	21.C.236 - Blindwert
Anilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	**16**	**17**	**19**	<10
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**12**	<10
3-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	**22**	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

F Aniline

Aniline

RWB laboratoire SA

FELDREBEN			3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	21.07.2006		
		Methodeblindwert	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Anilin	ng/l	<10	<10	**13**	<10	<10	**46**
o-Toluidin & p-Toluidin	ng/l	<20	<20	<20	<20	<20	<20
m-Toluidin	ng/l	<10	<10	<10	<10	<10	<10
2-Chloranilin	ng/l	<10	<10	<10	<10	<10	**14**
3-Chloranilin	ng/l	<10	<10	**<=10**	<10	<10	<10
4-Chloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4 + 2,5-Dichloranilin	ng/l	<20	<20	<20	<20	<20	<20
2,3-Dichloranilin	ng/l	<10	<10	<10	<10	<10	**14**
3,4-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,3,4-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
3,4,5-Trichloranilin	ng/l	<10	<10	<10	<10	<10	<10
N,N-Dimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
2,4,6-Trimethylanilin	ng/l	<10	<10	<10	<10	<10	<10
3-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20
5-Chlor-2-methylanilin	ng/l	<20	<20	<20	<20	<20	<20
2,4 + 2,6-Dimethylanilin	ng/l	<20	<20	<20	<20	<20	<20
3,5-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10
2,6-Dichloranilin	ng/l	<10	<10	<10	<10	<10	<10

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
		MethodeBlindwert.	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t	F4h - Blindwert
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<=0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<=0.1	<0.1	1.9	<0.1	0.7	<0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	0.7	<0.2	0.3	<0.2	0.2	<0.2	1.2	<0.2	3.2	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	1.1	<0.1	0.8	<0.1	0.6	<0.1	4.1	<0.1	4	<0.1
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.3	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	28	<0.1	25	<0.1	12	<0.1	53	<0.1	15	<0.1
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
		MethodeBlindwert.	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t	F4h - Blindwert
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	1.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
		MethodeBlindwert.	F4h	F5P1 - Blindwert	F5P1
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	**0.5**
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	<0.1	**1.3**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	**<=0.1**	<0.1	**0.7**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
		MethodeBlindwert.	F4h	F5P1 - Blindwert	F5P1
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
		MethodeBlindwert.	F5P5 - Blindwert	F5P5	F6 - Blindwert	F6	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	1	<0.1	<=0.1	<0.1	<0.1	<0.1	1.3	<0.1	0.2	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	9.8	<0.1	0.4	<0.1	<0.1	<0.1	8	<0.1	0.3	<0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	0.6	<0.2	1.1	<0.2	<0.2	<0.2	2.6	<0.2	0.4	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.3	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	12	<0.1	1.6	<0.1	1.5	<0.1	120	<0.1	7.8	<0.1
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	50	<0.1	32	<=0.1	3	<0.1	20	<0.1	7.7	<0.1
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<=0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
		MethodeBlindwert.	F5P5 - Blindwert	F5P5	F6 - Blindwert	F6	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	2.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.7	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	61	<0.05	0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			3012	3013	3014	2958	2959
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006
		MethodeBlindwert.	F10	F11 - Blindwert	F11	21.E.3 - Blindwert	21.E.3
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	3.5
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	0.4
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	0.3	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	<0.1	0.1	<0.1	4.9
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	<0.1	4.4	<0.1	25
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			3012	3013	3014	2958	2959
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006
		MethodeBlindwert.	F10	F11 - Blindwert	F11	21.E.3 - Blindwert	21.E.3
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	0.8
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05	30

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			3009	3010	3005	3006	3032	3033	3036	3037	3007	3008	3034
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006
		MethodeBlindwert.	21.E.25 - Blindwert	21.E.25	21.P.3 hoch - Blindwert	21.P.3 hoch	21.C.230 - Blindwert	21.C.230	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232	21.C.236 - Blindwert
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	<0.1	1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	<0.1	4.8	<0.1	1.5	<0.1	<0.1	<0.1	<0.1	<0.1	4.3	<0.1
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.4

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			3009	3010	3005	3006	3032	3033	3036	3037	3007	3008	3034
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006
		MethodeBlindwert.	21.E.25 - Blindwert	21.E.25	21.P.3 hoch - Blindwert	21.P.3 hoch	21.C.230 - Blindwert	21.C.230	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232	21.C.236 - Blindwert
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05	**0.05**	<0.05	<0.05	<0.05	<0.05	**0.4**	<0.05

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	21.07.2006		
		MethodeBlindwert.	21.C.236	21.C.81 - Blindwert	21.C.81	21.C.245 - Blindwert	21.C.245
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	**<0.2**	**<0.2**
Methylenchlorid	µg/l	<1	<1	<1	<1	**<1**	**<1**
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	**<0.1**	**<0.1**
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	**<0.2**	**<0.2**
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	**<0.1**	**<0.1**
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	<0.2	<0.2	<0.2	**<0.2**	**<0.2**
1,1,1 Trichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	**<0.1**	**<0.1**
Trichlorethen	µg/l	<0.1	**<=0.1**	<0.1	<0.1	<0.1	**0.2**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	**<0.4**	**<0.4**
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	**<0.5**	**<0.5**
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	**1.5**	<0.1	<0.1	**<0.1**	**0.1**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	**<0.2**	**<0.2**
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	**<0.1**	**<0.1**
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	**<0.2**	**<0.2**
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	**<0.1**	**<0.1**

F LKW

LHKW

RWB laboratoire SA

FELDREBEN			3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	21.07.2006		
		MethodeBlindwert.	21.C.236	21.C.81 - Blindwert	21.C.81	21.C.245 - Blindwert	21.C.245
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	**<0.2**	**<0.2**
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	**<0.1**	**<0.1**
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	**<0.2**	**<0.2**
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	**<0.1**	**<0.1**
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2	<2	<2	<2	**<2**	**<2**
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	**<0.05**	**<0.05**

F DOC AOX

Chemie

Deponien Muttenz Probenahme Kampagne
Juli 2006

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
			F1 - Blindwert	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**
DOC	mg/l		<0.1	**0.4**	<0.1	**0.7**	<0.1	**0.6**	**0.1**	**2.3**	<0.1	**0.6**	<0.1
AOX	µg Cl / l		<10	**33**	<10	**20**	<10	**<=10**	<10	**61**	<10	**16**	<10

F DOC AOX

Chemie

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
			F4h	**F5P1 - Blindwert**	**F5P1**
DOC	mg/l		**0.2**	<0.1	**0.4**
AOX	µg Cl / l		<10	<10	<10

F DOC AOX

Chemie

Deponien Muttenz Probenahme Kampagne
Juli 2006

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
			F5P5 - Blindwert	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**
DOC	mg/l		<0.1	**0.5**	<0.1	**0.3**	<0.1	**0.9**	<0.1	**5.3**	<0.1	**0.5**	<0.1
AOX	µg Cl / l		<10	**122**	<10	**31**	<10	<10	<10	**240**	<10	**19**	<10

F DOC AOX

Chemie

RWB laboratoire SA

FELDREBEN			3012	3013	3014	2958	2959
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006
			F10	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**
DOC	mg/l		**0.8**	<0.1	**0.4**	<0.1	**0.7**
AOX	µg Cl / l		<10	**<=10**	<10	<10	**43**

F DOC AOX

Chemie

Deponien Muttenz Probenahme Kampagne
Juli 2006

RWB laboratoire SA

FELDREBEN			3009	3010	3005	3006	3032	3033	3036	3037	3007	3008	3034
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006
			21.E.25 - Blindwert	**21.E.25**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**
DOC	mg/l		**<=0.1**	**0.2**	<0.1	**0.6**	**0.2**	**0.5**	<0.1	**4.2**	<0.1	**0.4**	<0.1
AOX	µg Cl / l		<10	<10	<10	**10**	<10	<10	<10	**32**	<10	<10	<10

F DOC AOX

Chemie

RWB laboratoire SA

FELDREBEN			3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	21.07.2006		
			21.C.236	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
DOC	mg/l		**0.2**	<0.1	**0.5**	**0.8**	**1.7**
AOX	µg Cl / l		<10	<10	<10	<10	<10

F Phenole

Deponien Muttenz Probenahme Kampagne
Juli 2006

Phenole

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
		Methodeblind.	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t	F4h - Blindwert
Phenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Pentachlorphenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

F Phenole

Phenole

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
		Methodeblind.	**F4h**	**F5P1 - Blindwert**	**F5P1**
Phenol	ng/l	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20
4-Nitrophenol	ng/l	<50	<50	<50	<50
Pentachlorphenol	ng/l	<50	<50	<50	<50

F Phenole

RWB laboratoire SA

Phenole

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
		Methodeblind.	**F5P5 - Blindwert**	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**
Phenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Pentachlorphenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

F Phenole

RWB laboratoire SA

Phenole

FELDREBEN			3012	3013	3014	2958	2959
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006
		Methodeblind.	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**
Phenol	ng/l	<50	<50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<50	<50	<50	<50	<50	<50
Pentachlorphenol	ng/l	<50	<50	<50	<50	<50	<50

F Phenole

RWB laboratoire SA

Phenole

FELDREBEN			3009	3010	3005	3006	3032	3033	3036	3037	3007	3008	3034
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006
		Methodeblind.	**21.E.25 - Blindwert**	**21.E.25**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**
Phenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**<=20**
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**<=10**
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Pentachlorphenol	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

F Phenole

Phenole

RWB laboratoire SA

FELDREBEN			3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	21.07.2006		
		Methodeblind.	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Phenol	ng/l	<50	<50	<50	<50	<50	<50
2-Chlorphenol	ng/l	<10	<10	<10	<10	<10	<10
2-Methylphenol	ng/l	<10	<10	<10	<10	<10	<10
3 + 4-Methylphenol	ng/l	<20	<20	<20	<20	<20	<20
2,4-Dichlorphenol	ng/l	<10	<10	<10	<10	<10	<10
2,3-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10
2,6-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10
3,4-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10
3,5-Dimethylphenol	ng/l	<10	<10	<10	<10	<10	<10
Nitrobenzol	ng/l	<20	<20	<20	<20	<20	<20
2,6-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20
2,4-Dinitrotoluol	ng/l	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	ng/l	<20	<20	<20	<20	<20	<20
4-Nitrophenol	ng/l	<50	<50	<50	<50	<50	<50
Pentachlorphenol	ng/l	<50	<50	<50	<50	<50	<50

F PAK

PAK

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
		Methodeblind.	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t	F4h - Blindwert
Naphtalin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	10	<10	<=10	<10	<10	<10	<=10	<10	<10	<10	<=10

F PAK

PAK

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
		Methodeblind.	F4h	F5P1 - Blindwert	F5P1
Naphtalin	ng/l	<20	<20	<20	<20
Acenaphtylen	ng/l	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	<10	<=10	<10

F PAK

PAK

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
		Methodeblind.	F5P5 - Blindwert	F5P5	F6 - Blindwert	F6	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert
Naphtalin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	<=10	<10	<10	<10	<=10	<10	<10	<10	<10	<10	12

F PAK

PAK

RWB laboratoire SA

FELDREBEN			3012	3013	3014	2958	2959
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006
		Methodeblind.	F10	F11 - Blindwert	F11	21.E.3 - Blindwert	21.E.3
Naphtalin	ng/l	<20	<20	<20	<20	<20	<20
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	<10	<10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	<10	10	<10	10	<10

F PAK

PAK

RWB laboratoire SA

FELDREBEN			3009	3010	3005	3006	3032	3033	3036	3037	3007	3008	3034
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006
		Methodeblind.	21.E.25 - Blindwert	21.E.25	21.P.3 hoch - Blindwert	21.P.3 hoch	21.C.230 - Blindwert	21.C.230	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232	21.C.236 - Blindwert
Naphtalin	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	**<=20**
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10	<10	<10	<10	**21**	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	**12**	<10	**13**	<10	**<=10**	<10	**<=10**	<10	**13**	<10	**15**

F PAK

PAK

RWB laboratoire SA

FELDREBEN			3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	21.07.2006		
		Methodeblind.	21.C.236	21.C.81 - Blindwert	21.C.81	21.C.245 - Blindwert	21.C.245
Naphtalin	ng/l	<20	<20	<20	<20	<20	<20
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10
Acenaphten	ng/l	<10	<10	<10	<10	<10	<10
Fluoren	ng/l	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<=10
Pyren	ng/l	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<=10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<10	<10	<10	<10	<10	<10
Benzo(a)pyren	ng/l	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10
Dibenzo(ah)anthracen	ng/l	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	<10	<10	<10	<10	<10
2-Methylnaphtalin	ng/l	<10	<10	<=10	<10	<10	<10

F Pest

Deponien Muttenz Probenahme Kampagne
Juli 2006

Pestizide

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978	2979	2976
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006	18.07.2006	18.07.2006
		Methodeblind.	F1 - Blindwert	F1	F2h - Blindwert	F2h	F2t - Blindwert	F2t	F3h - Blindwert	F3h	F3t - Blindwert	F3t	F4h - Blindwert	F4h	F5P1 - Blindwert
Simazin	ng/l	<10	<10	**30**	<10	**15**	<10	**15**	<10	**26**	<10	**26**	<10	<10	<10
Atrazin	ng/l	<10	<10	**18**	<10	**25**	<10	**31**	<10	**27**	<10	**64**	<10	<10	<10
4,4' DDE	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Desethylatrazin	ng/l	<20	<20	<20	<20	**51**	<20	**71**	<20	**<=20**	<20	**92**	<20	<20	<20
Ametryn	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Prometryn	ng/l	<10	<10	<10	<10	<10	<10	**12**	<10	<10	<10	<10	<10	**18**	<10

F Pest

Pestizide

RWB laboratoire SA

FELDREBEN			2977
Probenahmedatum			18.07.2006
		Methodeblind.	**F5P1**
Simazin	ng/l	<10	**12**
Atrazin	ng/l	<10	**17**
4,4' DDE	ng/l	<20	<20
4,4' DDD	ng/l	<20	<20
Desethylatrazin	ng/l	<20	<20
Ametryn	ng/l	<50	<50
Prometryn	ng/l	<10	<10

F Pest

Deponien Muttenz Probenahme Kampagne
Juli 2006

Pestizide

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011	3012	3013
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006	20.07.2006	20.07.2006
		Methodeblind.	F5P5 - Blindwert	F5P5	F6 - Blindwert	F6	F7 - Blindwert	F7	F8 - Blindwert	F8	F9 - Blindwert	F9	F10 - Blindwert	F10	F11 - Blindwert
Simazin	ng/l	<10	<10	**10**	<10	**20**	<10	**<=10**	<10	**29**	<10	**59**	<10	**<=10**	<10
Atrazin	ng/l	<10	<10	**25**	<10	**34**	<10	**13**	<10	**44**	<10	**29**	<10	**20**	<10
4,4' DDE	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Desethylatrazin	ng/l	<20	<20	**23**	<20	**24**	<20	<20	<20	**153**	<20	**29**	<20	**<=20**	<20
Ametryn	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Prometryn	ng/l	<10	<10	**<=10**	<10	<10	<10	<10	<10	**<=10**	<10	<10	<10	<10	<10

F Pest

Pestizide

RWB laboratoire SA

FELDREBEN			3014	2958	2959
Probenahmedatum			20.07.2006	17.07.2006	17.07.2006
		Methodeblind.	**F11**	**21.E.3 - Blindwert**	**21.E.3**
Simazin	ng/l	<10	**12**	<10	**16**
Atrazin	ng/l	<10	**27**	<10	**34**
4,4' DDE	ng/l	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20
Desethylatrazin	ng/l	<20	**143**	<20	**48**
Ametryn	ng/l	<50	<50	<50	<50
Prometryn	ng/l	<10	<10	<10	**18**

F Pest

Deponien Muttenz Probenahme Kampagne
Juli 2006

Pestizide

RWB laboratoire SA

FELDREBEN			3009	3010	3005	3006	3032	3033	3036	3037	3007	3008	3034	3035	3038
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006
		Methodeblind.	21.E.25 - Blindwert	21.E.25	21.P.3 hoch - Blindwert	21.P.3 hoch	21.C.230 - Blindwert	21.C.230	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232	21.C.236 - Blindwert	21.C.236	21.C.81 - Blindwert
Simazin	ng/l	<10	<10	**68**	<10	**49**	<10	**45**	<10	**<=10**	<10	**17**	<10	**11**	<10
Atrazin	ng/l	<10	<10	**40**	<10	**93**	<10	**148**	<10	**15**	<10	**46**	<10	**32**	<10
4,4' DDE	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Desethylatrazin	ng/l	<20	<20	**57**	<20	**104**	<20	**243**	<20	**<=20**	<20	**168**	<20	**216**	<20
Ametryn	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	**268**	<50	<50	<50	<50	<50
Prometryn	ng/l	<10	<10	<10	<10	**10**	<10	**526**	<10	**442**	<10	**15**	<10	<10	<10

F Pest

Pestizide

RWB laboratoire SA

FELDREBEN			3039	3237	3238
Probenahmedatum			21.07.2006		
		Methodeblind.	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Simazin	ng/l	<10	**<=10**	**<10**	**<10**
Atrazin	ng/l	<10	**10**	<10	<10
4,4' DDE	ng/l	<20	<20	**<20**	**<20**
4,4' DDD	ng/l	<20	<20	<20	<20
Desethylatrazin	ng/l	<20	<20	<20	**97**
Ametryn	ng/l	<50	<50	**<50**	**<50**
Prometryn	ng/l	<10	<10	**<10**	**<10**

F Met

Schwermetalle

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
		MethodeBlindwert	**F1 - Blindwert**	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**
As	µg/l	<0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	2.1	< 0.1	0.66	< 0.1
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Co	µg/l	<0.02	< 0.02	0.34	<0.03	0.29	< 0.02	0.33	< 0.02	0.84	< 0.02	0.44	< 0.02
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Sb	µg/l	<0.02	< 0.02	0.04	< 0.02	< 0.02	< 0.02	0.03	< 0.02	0.26	< 0.02	0.06	< 0.02
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	<3	< 2	<3	< 2	<3	< 2	<3	< 2	<4	9	<5
B	µg/l	<0.1	<0.2	67	<1.2	61	<0.6	68	<1.0	110	<0.4	54	<0.3
Cr	µg/l	<1	< 0.5	1.3	< 0.5	< 0.5	< 0.5	0.7	< 0.5	2.4	< 0.5	1.4	< 0.5
Fe	µg/l	<2	< 2	4	< 2	< 2	< 2	< 2	< 2	4	< 2	3.2	< 2

F Met

Schwermetalle

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
		MethodeBlindwert	F4h	F5P1 - Blindwert	F5P1
As	µg/l	<0.1	< 0.1	< 0.1	< 0.1
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02
Co	µg/l	<0.02	0.19	< 0.02	0.18
Cu	µg/l	<0.02	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2
Sb	µg/l	<0.02	0.04	< 0.02	0.08
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	< 2	<5	< 2
B	µg/l	<0.1	37	<0.7	25
Cr	µg/l	<1	1.4	< 0.5	0.9
Fe	µg/l	<2	< 2	< 2	< 2

F Met

Schwermetalle

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
		MethodeBlindwert	**F5P5 - Blindwert**	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**
As	µg/l	<0.1	< 0.1	< 0.1	<0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	<0.1	< 0.1	< 0.1
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Co	µg/l	<0.02	<0.03	0.19	<0.03	0.43	< 0.02	0.31	<0.05	3.5	<0.04	0.35	<0.05
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.26	< 0.05	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	7.5	< 2	< 2	< 2
Sb	µg/l	<0.02	< 0.02	0.37	< 0.02	0.04	< 0.02	0.02	< 0.02	0.32	< 0.02	0.25	< 0.02
Sn	µg/l	<0.02	< 0.02	< 0.02	<0.03	< 0.02	< 0.02	< 0.02	<0.02	< 0.02	<0.03	< 0.02	< 0.02
Zn	µg/l	<1	< 2	< 2	<4	< 2	<3	< 2	<4	< 2	<8	< 2	<5
B	µg/l	<0.1	<0.3	28	<0.2	4	< 0.1	43	<0.1	26	< 0.1	3.8	<0.2
Cr	µg/l	<1	< 0.5	< 0.5	<1	1.3	< 0.5	3.6	<1	1.5	<1	2.5	< 0.5
Fe	µg/l	<2	< 2	< 2	< 2	3.2	< 2	2.8	< 2	19.8	< 2	2.5	< 2

F Met

Schwermetalle

RWB laboratoire SA

FELDREBEN			3012	3013	3014	2958	2959	3009	3010	3005	3006	3032	3033
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006	20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006
		MethodeBlindwert	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**	**21.E.25 - Blindwert**	**21.E.25**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**
As	µg/l	<0.1	1.3	<0.4	0.21	< 0.1	< 0.1	<0.2	1.7	<0.6	0.74	<0.2	< 0.1
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.55	< 0.02	< 0.02	< 0.02	< 0.02
Co	µg/l	<0.02	0.54	<0.08	0.47	< 0.02	0.26	<0.10	0.63	<0.05	0.7	<0.05	0.43
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	<0.10	0.08	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Sb	µg/l	<0.02	0.02	< 0.02	0.06	< 0.02	0.08	< 0.02	0.12	< 0.02	0.05	< 0.02	0.13
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	< 2	<8	< 2	< 2	< 2	<8	1020	<7	< 2	<4	< 2
B	µg/l	<0.1	5.8	<0.2	4	<2.4	44	<0.1	4.8	<1.0	6.1	<0.1	3.2
Cr	µg/l	<1	< 0.5	< 0.5	1.1	< 0.5	< 0.5	< 0.5	1	< 0.5	1.7	< 0.5	0.6
Fe	µg/l	<2	< 2	< 2	3.4	< 2	< 2	< 2	2.5	< 2	4.7	< 2	< 2

F Met

Schwermetalle

RWB laboratoire SA

FELDREBEN			3036	3037	3007	3008	3034	3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006		
		MethodeBlindwert	21.C.231 - Blindwert	21.C.231	21.C.232 - Blindwert	21.C.232	21.C.236 - Blindwert	21.C.236	21.C.81 - Blindwert	21.C.81	21.C.245 - Blindwert	21.C.245
As	µg/l	<0.1	< 0.1	0.41	<0.8	13	< 0.1	0.13	< 0.1	< 0.1	<0.4	0.2
Cd	µg/l	<0.02	<0.09	0.15	< 0.02	< 0.02	< 0.02	< 0.02	<0.05	< 0.02	< 0.02	0.03
Co	µg/l	<0.02	< 0.02	< 0.02	<0.15	0.3	<0.04	0.39	<0.07	0.21	< 0.02	0.05
Cu	µg/l	<0.02	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Hg	µg/l	<0.05	<0.08	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.10	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Sb	µg/l	<0.02	< 0.02	0.14	< 0.02	0.05	< 0.02	0.02	< 0.02	0.11	< 0.02	< 0.02
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02	< 0.02	<0.05	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	<4	66.1	<8	2.7	<7	< 2	<6	< 2	< 2	153
B	µg/l	<0.1	<28.0	110	<0.3	2.7	< 0.1	2.7	<1.0	65	<2.8	20
Cr	µg/l	<1	< 0.5	0.9	< 0.5	1.6	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5
Fe	µg/l	<2	< 2	3.5	< 2	< 2	< 2	6.3	< 2	< 2	< 2	3.3

F Barbiturate

Barbiturate

RWB laboratoire SA

FELDREBEN			2950	2951	2954	2955	2952	2953	2956	2957	2974	2975	2978
Probenahmedatum			17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	17.07.2006	18.07.2006	18.07.2006	18.07.2006
		MethodeBlindwert	**F1 - Blindwert**	**F1**	**F2h - Blindwert**	**F2h**	**F2t - Blindwert**	**F2t**	**F3h - Blindwert**	**F3h**	**F3t - Blindwert**	**F3t**	**F4h - Blindwert**
Barbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aprobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.17**	<0.1
Butalbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mephobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptabarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F Barbiturate

Barbiturate

RWB laboratoire SA

FELDREBEN			2979	2976	2977
Probenahmedatum			18.07.2006	18.07.2006	18.07.2006
		MethodeBlindwert	**F4h**	**F5P1 - Blindwert**	**F5P1**
Barbital	µg/l	<0.1	<0.1	<0.1	<0.1
Aprobarbital	µg/l	<0.1	<0.1	<0.1	<0.1
Butalbital	µg/l	<0.1	<0.1	<0.1	<0.1
Hexobarbital	µg/l	<0.1	<0.1	<0.1	<0.1
Mephobarbital	µg/l	<0.1	<0.1	<0.1	<0.1
Phenobarbital	µg/l	<0.1	<0.1	<0.1	<0.1
Heptabarbital	µg/l	<0.1	<0.1	<0.1	<0.1

F Barbiturate

Barbiturate

RWB laboratoire SA

FELDREBEN			2981	2982	2987	2988	2983	2984	2989	2990	2985	2986	3011
Probenahmedatum			19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	19.07.2006	20.07.2006
		MethodeBlindwert	**F5P5 - Blindwert**	**F5P5**	**F6 - Blindwert**	**F6**	**F7 - Blindwert**	**F7**	**F8 - Blindwert**	**F8**	**F9 - Blindwert**	**F9**	**F10 - Blindwert**
Barbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aprobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**0.1**	<0.1	<0.1	<0.1
Butalbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mephobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptabarbital	µg/l	<0.1	<0.1	**0.16**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F Barbiturate

Barbiturate

RWB laboratoire SA

FELDREBEN			3012	3013	3014	2958	2959	3009	3010	3005	3006	3032	3033
Probenahmedatum			20.07.2006	20.07.2006	20.07.2006	17.07.2006	17.07.2006	20.07.2006	20.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006
		MethodeBlindwert	**F10**	**F11 - Blindwert**	**F11**	**21.E.3 - Blindwert**	**21.E.3**	**21.E.25 - Blindwert**	**21.E.25**	**21.P.3 hoch - Blindwert**	**21.P.3 hoch**	**21.C.230 - Blindwert**	**21.C.230**
Barbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Aprobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**1.5**	<0.1	**0.2**	<0.1	<0.1
Butalbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mephobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptabarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F Barbiturate

Barbiturate

RWB laboratoire SA

FELDREBEN			3036	3037	3007	3008	3034	3035	3038	3039	3237	3238
Probenahmedatum			21.07.2006	21.07.2006	20.07.2006	20.07.2006	21.07.2006	21.07.2006	21.07.2006	21.07.2006		
		MethodeBlindwert	**21.C.231 - Blindwert**	**21.C.231**	**21.C.232 - Blindwert**	**21.C.232**	**21.C.236 - Blindwert**	**21.C.236**	**21.C.81 - Blindwert**	**21.C.81**	**21.C.245 - Blindwert**	**21.C.245**
Barbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**<0.1**	**<0.1**
Aprobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Butalbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Hexobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mephobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Phenobarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Heptabarbital	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

F Aromat. Sulfonate

Aromatische Sulfonate

RWB laboratoire SA

FELDREBEN			2958	2959
Probenahmedatum			17.07.2006	17.07.2006
		MethodeBlindwert	**21.E.3 - Blindwert**	**21.E.3**
Benzol-1,3-disulfonat	µg/L	0.2	< BG	< BG
4-Methylbenzolsulfonat	µg/L	0.2	< BG	< BG
3-Nitrobenzolsulfonat	µg/L	0.2	< BG	< BG
3-Chlor-4-methylbenzolsulfonat	µg/L	0.2	< BG	< BG
2-Amino-5-methylbenzolsulfonat	µg/L	0.2	< BG	< BG
5-Nitro-2-methylbenzolsulfonat	µg/L	0.2	< BG	< BG
2-Chlor-5-nitrobenzolsulfonat	µg/L	0.2	< BG	< BG
2-Amino-5-chlor-4-methylbenzolsulfonat	µg/L	0.2	< BG	< BG
Naphthalin-1-sulfonat	µg/L	0.02	< BG	< BG
Naphthalin-2-sulfonat	µg/L	0.02	< BG	< BG
Naphthalin-1,3-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-1,5-disulfonat	µg/L	0.02	< BG	**1.3**
Naphthalin-1,6-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-1,7-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-2,6-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-2,7-disulfonat	µg/L	0.02	< BG	< BG
Naphthalin-1,3,5-trisulfonat	µg/L	0.02	< BG	**0.35**
Naphthalin-1,3,6-trisulfonat	µg/L	0.02	< BG	**0.9**
Naphthalin-1,3,7-trisulfonat	µg/L	0.02	< BG	< BG
8,8'-Methylenbis-2-naphthalinsulfonat	µg/L	0.02	< BG	< BG
1-Aminonaphthalin-4-sulfonat	µg/L	0.02	< BG	< BG
1-Aminonaphthalin-7-sulfonat	µg/L	0.02	< BG	< BG
2-Aminonaphthalin-1-sulfonat	µg/L	0.02	< BG	< BG
2-Aminonaphthalin-6-sulfonat	µg/L	0.02	< BG	< BG
2-Aminonaphthalin-1,5-disulfonat	µg/L	0.02	< BG	**0.03**
2-Aminonaphthalin-4,8-disulfonat	µg/L	0.02	< BG	**0.14**
1-Hydroxynaphthalin-4-sulfonat	µg/L	0.02	< BG	< BG
2-Hydroxynaphthalin-6-sulfonat	µg/L	0.02	< BG	< BG
1-Hydroxynaphthalin-3,6-disulfonat	µg/L	0.2	< BG	< BG
2-Hydroxynaphthalin-3,6-disulfonat	µg/L	0.02	< BG	< BG
1-Amino-8-hydroxynaphthalin-2,4-disulfonat	µg/L	0.02	< BG	< BG
1-Amino-8-hydroxynaphthalin-3,6-disulfonat	µg/L	0.02	< BG	< BG
2-Amino-5-hydroxynaphthalin-7-sulfonat	µg/L	0.02	< BG	< BG
Anthrachinon-2-sulfonat	µg/L	0.2	< BG	< BG
Anthrachinon-1,5-disulfonat	µg/L	0.2	< BG	< BG
Anthrachinon-1,8-disulfonat	µg/L	0.2	< BG	< BG
1-Amino-4-bromanthrachinon-2-sulfonat	µg/L	0.2	< BG	< BG
4,4'-Diamino-1,1'-bianthrachinon-3,3'-disulfonat	µg/L	0.2	< BG	< BG
cis-4,4'-Diaminostilben-2,2'-disulfonat	µg/L	0.5	< BG	< BG
trans-4,4'-Diaminostilben-2,2'-disulfonat	µg/L	0.5	< BG	< BG
cis-4,4'-Dinitrostilben-2,2'-disulfonat	µg/L	0.5	< BG	< BG
trans-4,4'-Dinitrostilben-2,2'-disulfonat	µg/L	0.5	< BG	< BG
2-Hydroxy-4,6-bis(4-sulfanilo)-1,3,5-triazin	µg/L	0.5	< BG	< BG

RWB
laboratoire SA

Belastungspumpversuche

Messkampagne, Juni 2006

Resultate

Bemerkungen :

Chemie :

- Die Proben M6_T1 und M6_T3 sind Rückstellproben. Deswegen wurden sie nicht im Labor analysiert.

LKW (Leichtflüchtige Kohlenwasserstoffe) :

- Es wurden ausser Perchlorethen in allen Proben sowie Trichlorethen in den proben M6_T2 und M6_T4 keine LKW nachgewiesen.

DOC-**AOX** :

- AOX wurde in M6_T0, M6_T2 und M6_T4 nachgewiesen.

Pestizide :

- Nur die Probe M6_T4 enthielt Triazine.

Beilage : Resultattabellen

Chemie

Chemie

RWB laboratoire SA

Deponien Muttenz Belastungspumpversuchen 2006

			1284	1285	1292	1293	1300	1301	1345	1346	1226	1225	1224	1232	1233	1238
			F3t T0	F3t T1	F3t T2	F3t T3	F3t T4	F3t T5	F3t T6	F3t T7	F4 - T0	F4 T1	F4 T2	F4 T3	F4 T4	F4 T5
Nitrite	mg/l		0.003	0.002	0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.003
Alkalinität	°f		25.6	25	23.7	22.7	22.9	22.8	23.6	22.9	28	27.9	28.7	28.9	28.7	28.7
Ammonium	mg/l		0.005	0.006	0.016	0.002	0.003	0.01	0.009	0.01	0.004	0.045	0.003	<0.002	<0.002	<0.002
Sulfate	mg/l		87.9	90.5	74.9	67.2	63.1	63.4	64.7	66.9	58.8	58.2	64.4	65.2	67.1	70.4
Nitrate	mg/l		25.4	26.3	22	19.4	18.1	17.6	17.3	17.6	30.7	30.8	33.2	33	33.8	35.4
Fluoride	mg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	0.3	<0.2
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		309	315	301	290	298	311	270	269	386.5	388.8	392	352	345.9	393
Bromide	µg/l		49	78	76	51	77	52	35	69	67	48		104	138	106
Chloride	mg/l		17.3	17.9	17	16.4	15.5	15.6	15.3	15.5	26.3	24.7	26.8	27.4	28	28.6
pH_{Labor}			7.46	7.21	7.38	7.41	7.35	7.37	7.01	6.97	7.55	7.48	7.4	6.9	7.04	7.04
Leitfähigkeit	µS/cm		731	723								741	780	792	799	807
Temperatur	°C		13.2	13.4	13.4	13.4	13.4	13.4	13.1	13.1	13.1	13.1	13	13	13.1	12.8
Trübung	FTU		>50	32	4.5	26.9	2.8	5.4	2.6	1.6	0.3	34.9	3.5	0.6	0.7	0.1

Chemie

Chemie

RWB laboratoire SA

Deponien Muttenz Belastungspumpversuchen 2006

			1237	1236	1239	1280	1281	1282	1283	1351	1352	1353	1377	1378	1429	1430
			F9 T0	F9 T1	F9 T2	F9 T3	F9 T4	F9 T5	F9 T6	21.E.25 T0	21.E.25 T1	21.E.25 T2	21.E.25 T3	21.E.25 T4	21.E.25 T5	21.E.25 T6
Nitrite	mg/l		**0.006**	**0.003**	<0.003	**0.003**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	**0.002**	<0.002
Alkalinität	°f		**34.6**	**35.1**	**34**	**34**	**34.1**	**32.9**	**33.3**	**23.6**	**23.4**	**27.1**	**28.8**	**29.6**	**29.5**	**29.9**
Ammonium	mg/l		**0.004**	**0.002**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Sulfate	mg/l		**128**	**122.7**	**134**	**127.9**	**128**	**130**	**130**	**108**	**107**	**149**	**163**	**165**	**143**	**145**
Nitrate	mg/l		**41.4**	**39.2**	**42.8**	**36.7**	**38.4**	**38.6**	**38.3**	**29.2**	**31**	**35.4**	**37.1**	**37.9**	**33.3**	**34.3**
Fluoride	mg/l		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
freie Cyanide	µg/l		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hydrogenkarbonate	mg/l		**479**	**456**	**484**	**443**	**412**	**401**	**415**	**284**	**253**	**292**	**340**	**348**	**312**	**324**
Bromide	µg/l		**25**	**28**	**28**	**45**	**40**	**59**	**38**	**31**	**32**	**44**	**54**	**42**	**27**	**79**
Chloride	mg/l		**23.7**	**22.6**	**24.7**	**24.2**	**23.9**	**23.6**	**24.7**	**21**	**21.7**	**27.8**	**28**	**28.6**	**25**	**25.6**
pH_{Labor}			**6.87**	**6.85**	**6.88**	**6.86**	**7.15**	**7.11**	**7.05**	**7.48**	**6.96**	**6.87**	**6.87**	**6.94**	**6.78**	**6.88**
Leitfähigkeit	µS/cm		**966**	**977**	**964**	**973**	**965**	**988**	**982**							
Temperatur	°C		**14.2**	**14.8**	**14.7**	**14.8**	**14.7**	**14.7**	**14.7**	**17**	**16.7**	**16.7**	**16.6**	**16.5**	**16.6**	**16.7**
Trübung	FTU		**42.6**	>50	>50	**18.5**	**10.5**	**3.8**	**3.4**	**14.9**	**13.6**	**1.8**	**1**	**0.6**	**0.7**	**0.3**

DOC-AOX

Chemie

RWB laboratoire SA

Deponien Muttenz Belastungspumpversuchen 2006

			1284	1285	1292	1293	1300	1301	1345	1346	1226	1225	1224	1232	1233	1238	1237	1236	1239	1280	1281	1282
			F3t T0	F3t T1	F3t T2	F3t T3	F3t T4	F3t T5	F3t T6	F3t T7	F4 - T0	F4 T1	F4 T2	F4 T3	F4 T4	F4 T5	F9 T0	F9 T1	F9 T2	F9 T3	F9 T4	F9 T5
DOC	mg/l		0.6	0.5	0.4	0.4	0.6	0.5	1.5	0.5	1	0.6	0.9	0.4	0.2	0.2	0.5	0.5	0.5	0.5	1	0.9

DOC-AOX

Chemie

RWB laboratoire SA

Deponien Muttenz Belastungspumpversuchen 2006

			1283	1351	1352	1353	1377	1378	1429	1430
			F9 T6	21.E.25 T0	21.E.25 T1	21.E.25 T2	21.E.25 T3	21.E.25 T4	21.E.25 T5	21.E.25 T6
DOC	mg/l		**1.1**	**1.3**	**0.8**	**0.9**	**1.1**	**1.2**	**0.7**	**0.6**

LKW

LHKW

RWB laboratoire SA

			1284	1285	1292	1293	1300	1301	1345	1346	1226	1225	1224	1232	1233	1238	1237	1236	1239	1280	1281	1282
		MethodeBlind wert.	F3t T0	F3t T1	F3t T2	F3t T3	F3t T4	F3t T5	F3t T6	F3t T7	F4 - T0	F4 T1	F4 T2	F4 T3	F4 T4	F4 T5	F9 T0	F9 T1	F9 T2	F9 T3	F9 T4	F9 T5
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	3.1	3.1	2.1	1.6	1.5	1.3	1.4	1.3	<0.2	<0.2	<0.2	<=0.1	<=0.1	<=0.1	<0.4	0.4	0.4	0.4	0.4	<0.4
1,1,1 Trichlorethan	µg/l	<0.2	<0.1	0.1	0.1	<=0.1	0.1	<0.1	<=0.1	<=0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tetrachlorkohlenstoff	µg/l	<0.2	<1	<0.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	3.1	3.2	2.2	1.8	1.8	1.6	1.9	1.7	<0.1	<0.1	<=0.1	0.1	<=0.1	0.1	3.2	3.2	3	3.1	3	<3.1
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.5	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	5.6	5.7	4.1	3.3	3.4	3.1	3.7	3.8	0.5	0.5	0.7	0.8	0.9	1	6.7	6.3	7.2	7.5	7.9	8.4
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

LKW

LHKW

RWB laboratoire SA

			1284	1285	1292	1293	1300	1301	1345	1346	1226	1225	1224	1232	1233	1238	1237	1236	1239	1280	1281	1282
		MethodeBlindwert	F3t T0	F3t T1	F3t T2	F3t T3	F3t T4	F3t T5	F3t T6	F3t T7	F4 - T0	F4 T1	F4 T2	F4 T3	F4 T4	F4 T5	F9 T0	F9 T1	F9 T2	F9 T3	F9 T4	F9 T5
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2.0	<2	<2	<2	<2	<2	<2	<2	<2	<0.1	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	≤0.05	**0.1**	**0.2**

LKW

LHKW

RWB laboratoire SA

			1283	1351	1352	1353	1377	1378	1429	1430
		MethodeBlindwert	F9 T6	21.E.25 T0	21.E.25 T1	21.E.25 T2	21.E.25 T3	21.E.25 T4	21.E.25 T5	21.E.25 T6
1,1- Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Methylenchlorid	µg/l	<1.0	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chloroform	µg/l	<0.2	**0.4**	<0.1	**0.4**	**0.5**	**0.5**	**0.6**	**0.5**	**0.5**
1,1,1 Trichlorethan	µg/l	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tetrachlorkohlenstoff	µg/l	<0.2	<0.2	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Trichlorethen	µg/l	<0.1	**3.2**	**0.9**	**1.3**	**3.2**	**2.5**	**3.8**	**3.4**	**3.1**
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Toluol	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Perchlorethen	µg/l	<0.1	**8.1**	**5.8**	**5.7**	**8.7**	**5.4**	**11**	**10.8**	**10.9**
1,2-Dibromethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

LKW

LHKW

			1283	1351	1352	1353	1377	1378	1429	1430
		MethodeBlind wert.	F9 T6	21.E.25 T0	21.E.25 T1	21.E.25 T2	21.E.25 T3	21.E.25 T4	21.E.25 T5	21.E.25 T6
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
m- + p-Xylol	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
o-Xylol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,3,5-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Vinylchlorid	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
MTBE	µg/l	<2.0	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorethan	µg/l	<0.05	**0.2**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

PAK

PAK

RWB laboratoire SA

Deponien Muttenz Belastungspumpversuchen 2006

			1226	1225	1224	1232	1233	1238	1237	1236	1239	1280	1281	1282	1283
		Methodeblind.	F4 - Blindwert	F4 T1	F4 T2	F4 T3	F4 T4	F4 T5	F9 T0	F9 T1	F9 T2	F9 T3	F9 T4	F9 T5	F9 T6
Naphthalin	ng/l	<20	66	56	≤20	44	44	40	43	41	42	66	70	115	80
Acenaphtylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthen	ng/l	<10	<10	<10	<10	<10	10	10	<10	12	11	21	14	14	13
Fluoren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(a)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Benzo(a)pyren	ng/l	<20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno(1,2,3-cd)pyren	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzo(a,h)anthracen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(ghi)perylen	ng/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Methylnaphtalin	ng/l	<10	20	17	≤10	10	10	13	12	14	≤10	20	21	30	24
2-Methylnaphtalin	ng/l	<10	56	49	≤10	29	27	30	29	29	26	48	48	67	53

Pestizide

RWB laboratoire SA

Pestizide

Deponien Muttenz Belastungspumpversuchen 2006

			1284	1285	1292	1293	1300	1301	1345	1346	1226	1225	1224	1232	1233	1238	1237	1236	1239	1280	1281	1282	1283	1351	1352	1353
		Methodeblind.	F3t T0	F3t T1	F3t T2	F3t T3	F3t T4	F3t T5	F3t T6	F3t T7	F4 - T0	F4 T1	F4 T2	F4 T3	F4 T4	F4 T5	F9 T0	F9 T1	F9 T2	F9 T3	F9 T4	F9 T5	F9 T6	21.E.25 T0	21.E.25 T1	21.E.25 T2
Simazin	ng/l	<10	35	30	35	39	30	22	33	36	48	32	24	32	34	40	82	71	82	67	66	69	70	149	148	108
Atrazin	ng/l	<10	99	101	97	97	98	95	96	97	48	48	32	62	50	75	49	53	57	54	54	59	63	69	75	73
4,4' DDE	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Desethylatrazin	ng/l		159	163	208	206	190	185	196	192	127	120	122	185	233	253	115	71	142	79	80	83	87	97	106	111
Ametryn	ng/l	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Prometryn	ng/l	<10	39	44	41	45	47	51	43	47	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<=10	12	12	11	10	12

Pestizide

Pestizide

Deponien Muttenz Belastungspumpversuchen 2006

			1377	1378	1429	1430
		Methodeblind.	**21.E.25 T3**	**21.E.25 T4**	**21.E.25 T5**	**21.E.25 T6**
Simazin	ng/l	<10	**100**	**95**	**96**	**80**
Atrazin	ng/l	<10	**71**	**77**	**81**	**83**
4,4' DDE	ng/l	<20	<20	<20	<20	<20
4,4' DDD	ng/l	<20	<20	<20	<20	<20
Desethylatrazin	ng/l		**135**	**130**	**140**	**142**
Ametryn	ng/l	<50	<50	<50	<50	<50
Prometryn	ng/l	<10	**19**	**15**	**16**	**17**

Schwermetalle

Schwermetalle

RWB laboratoire SA

			1226	1225	1224
		MethodeBlindwert	F4 - T0	F4 T1	F4 T2
As	µg/l	<0.1	**0.51**	**0.34**	**0.46**
Cd	µg/l	<0.02	< 0.02	< 0.02	< 0.02
Co	µg/l	<0.02	**0.33**	**0.33**	**0.34**
Cu	µg/l	<0.02	< 2	< 2	< 2
Hg	µg/l	<0.05	**0.07**	< 0.05	< 0.05
Ni	µg/l	<0.1	< 2	< 2	< 2
Sb	µg/l	<0.02	**0.03**	**0.03**	**0.03**
Sn	µg/l	<0.02	< 0.02	< 0.02	< 0.02
Zn	µg/l	<1	< 2	< 2	< 2
B	µg/l	<0.1	**37**	**35**	**37**
Cr	µg/l	<1	< 0.5	< 0.5	< 0.5
Fe	µg/l	<2	< 2	< 2	< 2

RWB
laboratoire SA

Feststoffe, MIP Sondierungen und Bohrung F8

Januar und Juni 2006

Resultate

Beilage : Resultattabellen

F Chem

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		2884	2885	2886	2887	2888	2889	2890	2891	2892	2893
		C3 / 2.5 3.5m	C3 / 3.5 5.5m (Mischprobe schnecke)	C3 / 5.5 6.5m	C3 / 6.5 10.0m (Mischprobe schnecke)	C3 / 10.0 11.0m aus Liner	D4b / 0 3.0m (Mischprobe schnecke)	D4b / 3.0 4.0m	D4b / 6.0 8.0m (Mischprobe schnecke)	D4b / 8.0 9.0m	D4b / 10.0 11.0m
Ammonium	mg/l	**0.017**	**0.24**	**1.58**	**0.98**	**0.64**	**0.068**	**0.024**	**0.95**	**1.15**	**2.79**
freie Cyanide	µg/l	<10	<10	<10	< 10	< 10	< 10	< 10	< 10	10	10
Fluorid	mg/l	<0.2	<0.2	<0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2	<0.2
Nitrite	mg/l	**0.003**	**0.02**	<0.002	**0.113**	**0.156**	**0.003**	**0.002**	**0.009**	**0.12**	**0.01**

F Chem

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		2894	2895	2896	2897	2898	2899	2900	2901	2902	2903
		D4b / 10.0 11.0m aus Liner	E3 / 7.0 11.0m (Mischprobe)	F11 / 0 6.0m (Mischprobe schnecke)	F11 / 5.0 6.5m (Mischprobe schnecke)	F11 / 6.2 7.4m	F11 / 6.5 8.0m (Mischprobe schnecke)	F11 / 8.0 9.5m (Mischprobe schnecke)	F11 / 9.5 11.0m (Mischprobe schnecke)	F3 / 6.0 7.0m	F3c / 2.0 3.0m
Ammonium	mg/l	**0.53**	**2.65**	**0.002**	**0.025**	**0.065**	**0.037**	**<0.002**	**0.045**	**3.07**	**0.02**
freie Cyanide	µg/l	10	< 100	< 10	< 10	< 10	< 10	<10	<10	<100	<10
Fluorid	mg/l	0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	<0.2	<0.2	0.2	<0.2
Nitrite	mg/l	0.01	**0.03**	**0.004**	**0.009**	**0.005**	**0.005**	**<0.002**	**0.003**	0.01	**0.011**

F Chem
Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		2904	3706	3707	3708
		F3c / 7.0 9.0m	F5-P1 (5.0-6.0m)	F5-P2 (10.0-11.0m)	C4b-P1 (10.0-11.0m)
Ammonium	mg/l	**2.47**	**0.27**	**4.21**	**0.04**
freie Cyanide	µg/l	≤10	<10	< 10	<10
Fluorid	mg/l	< 0.2	<0.2	< 0.2	<0.2
Nitrite	mg/l	**0.063**	**0.02**	**≤0.01**	**<0.01**

RWB laboratoire SA

F LKW

LKW

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN	Einheit	2884	2885	2886	2887	2888	2889	2890	2891
		C3 / 2.5 3.5m	C3 / 3.5 5.5m (Mischprobe schnecke)	C3 / 5.5 6.5m	C3 / 6.5 10.0m (Mischprobe schnecke)	C3 / 10.0 11.0m aus Liner	D4b / 0 3.0m (Mischprobe schnecke)	D4b / 3.0 4.0m	D4b / 6.0 8.0m (Mischprobe schnecke)
1,1-Dichlorethen	µg/kg	<4	<4	<4	<4	<4	<4	<4	8
1,1,1-Trichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,1,1,2-Tetrachlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,1,2,2-Tetrachlorethan	µg/kg	<4	<4	<4	4	4	<4	<4	4
1,1,2-Trichlorethan	µg/kg	<10	<10	<10	<10	<10	<10	<10	14
1,1-Dichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,1-Dichlorpropen	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
1,2,3-Trichlorbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	>200
1,2,3-Trichlorpropan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,2,4-Trichlorbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	34
1,2,4-Trimethylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	40
1,2-Dibromo-3-chlorpropan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20
1,2-Dibromethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,2-Dichlorbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	**>200**
1,2-Dichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,2-Dichlorpropan	µg/kg	<8	<8	<8	<8	<8	<8	<8	<8
1,3,5-Trimethylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	**32**
1,3-Dichlorbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	**8**
1,3-Dichlorpropan	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
1,4-Dichlorbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	**>200**
2,2-Dichlorpropan	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10
2-Chlortoluol	µg/kg	<2	<2	<2	<2	<2	<2	<2	**104**
4-Chlortoluol	µg/kg	<2	<2	<2	<2	<2	<2	<2	**63**
Benzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
Brombenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	**2**

RWB laboratoire SA

F LKW

LKW

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN	Einheit	2884	2885	2886	2887	2888	2889	2890	2891
		C3 / 2.5 3.5m	C3 / 3.5 5.5m (Mischprobe schnecke)	C3 / 5.5 6.5m	C3 / 6.5 10.0m (Mischprobe schnecke)	C3 / 10.0 11.0m aus Liner	D4b / 0 3.0m (Mischprobe schnecke)	D4b / 3.0 4.0m	D4b / 6.0 8.0m (Mischprobe schnecke)
Bromchlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Bromoform	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Chlorbenzol	µg/kg	<2	<2	<2	3	4	<2	<2	>200
Chloroform	µg/kg	18	7	<4	<4	6	<4	<4	9
Dichlormethan	µg/kg	<20	<20	<20	<20	≤20	<20	<20	33
cis-1,2-Dichlorethen	µg/kg	22	<2	<2	5	3	44	10	>2000
cis-1,3-Dichlorpropen	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
Dibromchlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Dibrommethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Dichlorbrommethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Ethylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	2000
Hexachlorbutadien	µg/kg	<2	<2	<2	≤2	6	2	<2	<2
Isopropylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	16
m+ p-Xylol	µg/kg	<4	<4	<4	<4	<4	<4	<4	>4000
n-Butylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	2
n-Propylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	12
o-Xylol	µg/kg	<2	<2	<2	<2	<2	<2	<2	>2000
Perchlorethen	µg/kg	475	1120	20	670	1070	900	800	>2000
p-Isopropyltoluol	µg/kg	<2	<2	<2	<2	<2	<2	<2	26
sec-Butylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	4
Styrol	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
tert-Butylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
Tetrachlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Toluol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,2-Dichlorethen	µg/kg	<2	7	<2	9	4	9	≤2	650

F LKW

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LKW

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN	Einheit	2884	2885	2886	2887	2888	2889	2890	2891
		C3 / 2.5 3.5m	C3 / 3.5 5.5m (Mischprobe schnecke)	C3 / 5.5 6.5m	C3 / 6.5 10.0m (Mischprobe schnecke)	C3 / 10.0 11.0m aus Liner	D4b / 0 3.0m (Mischprobe schnecke)	D4b / 3.0 4.0m	D4b / 6.0 8.0m (Mischprobe schnecke)
trans-1,3-Dichlorpropen	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Trichlorethen	µg/kg	**46**	**330**	**23**	**150**	**260**	**210**	**200**	**>2000**
1,3,5-Trichlorobenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
Alkane (C5-C10)	µg/kg	<120	<120	<120	<120	<120	<120	<120	<120
Hexachlorethan	µg/kg	<1	<1	<1	**83**	**>200**	<1	<1	**<1**
Gesamt Kohlenwasserstoffe	mg/l	**0.31**	<0.6	<0.6	<0.6	**<0.6**	<0.6	**0.57**	<0.6
Gesamt Kohlenwasserstoffe	mg/kg MS	**2140**	**318**	**33.2**	**90.5**	**77.5**	**88.1**	**224**	**280**

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F LKW

LKW

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN	Einheit	2892	2893	2894	2895	2896	2897	2898	2899
		D4b / 8.0 9.0m	D4b / 10.0 11.0m	D4b / 10.0 11.0m aus Liner	E3 / 7.0 11.0m (Mischprobe)	F11 / 0 6.0m (Mischprobe schnecke)	F11 / 5.0 6.5m (Mischprobe schnecke)	F11 / 6.2 7.4m	F11 / 6.5 8.0m (Mischprobe schnecke)
1,1-Dichlorethen	µg/kg	4	5	15	<4	<4	<4	<4	<4
1,1,1-Trichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,1,1,2-Tetrachlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,1,2,2-Tetrachlorethan	µg/kg	148	>200	>200	<4	<4	<4	<4	<4
1,1,2-Trichlorethan	µg/kg	260	100	1400	<10	<10	<10	<10	<10
1,1-Dichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,1-Dichlorpropen	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
1,2,3-Trichlorbenzol	µg/kg	138	>200	>200	98	<2	<2	<2	<2
1,2,3-Trichlorpropan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,2,4-Trichlorbenzol	µg/kg	134	116	>200	>200	<2	<2	<2	<2
1,2,4-Trimethylbenzol	µg/kg	178	70	>200	30	≤2	<2	<2	<2
1,2-Dibromo-3-chlorpropan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20
1,2-Dibromethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,2-Dichlorbenzol	µg/kg	>200	>200	>200	>200	<2	<2	<2	<2
1,2-Dichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
1,2-Dichlorpropan	µg/kg	<8	<8	<8	<8	<8	<8	<8	<8
1,3,5-Trimethylbenzol	µg/kg	152	62	162	10	<2	<2	<2	<2
1,3-Dichlorbenzol	µg/kg	8	48	20	>200	174	<2	<2	<2
1,3-Dichlorpropan	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
1,4-Dichlorbenzol	µg/kg	>200	>200	>200	>200	<2	<2	<2	<2
2,2-Dichlorpropan	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10
2-Chlortoluol	µg/kg	>200	170	>200	2	<2	<2	<2	<2
4-Chlortoluol	µg/kg	>200	146	>200	2	<2	<2	<2	<2
Benzol	µg/kg	80	26	210	8	<2	<2	<2	<2
Brombenzol	µg/kg	14	4	32	≤2	<2	<2	<2	<2

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F LKW

LKW

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN	Einheit	2892	2893	2894	2895	2896	2897	2898	2899
		D4b / 8.0 9.0m	D4b / 10.0 11.0m	D4b / 10.0 11.0m aus Liner	E3 / 7.0 11.0m (Mischprobe)	F11 / 0 6.0m (Mischprobe schnecke)	F11 / 5.0 6.5m (Mischprobe schnecke)	F11 / 6.2 7.4m	F11 / 6.5 8.0m (Mischprobe schnecke)
Bromchlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Bromoform	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Chlorbenzol	µg/kg	>200	>200	>200	>200	4	≤2	8	≤2
Chloroform	µg/kg	8	3	21	<4	9	7	7	4
Dichlormethan	µg/kg	35	24	70	<20	80	36	<20	≤20
cis-1,2-Dichlorethen	µg/kg	>2000	>2000	>2000	80	40	<2	<2	≤2
cis-1,3-Dichlorpropen	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
Dibromchlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Dibrommethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Dichlorbrommethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Ethylbenzol	µg/kg	>2000	>2000	>2000	14	<2	<2	<2	<2
Hexachlorbutadien	µg/kg	44	68	200	<2	<2	<2	<2	<2
Isopropylbenzol	µg/kg	36	16	54	≤2	<2	<2	<2	<2
m+ p-Xylol	µg/kg	>4000	>4000	>4000	32	4	<4	<4	<4
n-Butylbenzol	µg/kg	36	4	106	2	<2	<2	<2	<2
n-Propylbenzol	µg/kg	58	20	92	4	<2	<2	<2	<2
o-Xylol	µg/kg	>2000	>2000	>2000	16	6	<2	<2	<2
Perchlorethen	µg/kg	>2000	>2000	>2000	730	500	90	>2000	76
p-Isopropyltoluol	µg/kg	98	48	>200	10	<2	<2	<2	<2
sec-Butylbenzol	µg/kg	16	8	≤2	<2	<2	<2	<2	<2
Styrol	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
tert-Butylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2	<2
Tetrachlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Toluol	µg/kg	290	130	>2000	12	<10	<10	<10	<10
trans-1,2-Dichlorethen	µg/kg	220	340	180	8	<2	<2	7	<2

F LKW

LKW

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN	Einheit	2892	2893	2894	2895	2896	2897	2898	2899
		D4b / 8.0 9.0m	D4b / 10.0 11.0m	D4b / 10.0 11.0m aus Liner	E3 / 7.0 11.0m (Mischprobe)	F11 / 0 6.0m (Mischprobe schnecke)	F11 / 5.0 6.5m (Mischprobe schnecke)	F11 / 6.2 7.4m	F11 / 6.5 8.0m (Mischprobe schnecke)
trans-1,3-Dichlorpropen	µg/kg	<4	<4	<4	<4	<4	<4	<4	<4
Trichlorethen	µg/kg	**>2000**	**>2000**	**>2000**	**84**	**70**	**10**	**470**	**9**
1,3,5-Trichlorobenzol	µg/kg	<2	<2	**88**	<2	<2	<2	<2	<2
Alkane (C5-C10)	µg/kg	<120	<120	<120	<120	<120	<120	<120	<120
Hexachlorethan	µg/kg	<1	<1	<1	**<1**	<1	<1	<1	**<1**
Gesamt Kohlenwasserstoffe	mg/l	**<0.6**	**2.13**	<0.6	<0.6	**0.43**	<0.6	**0.51**	<0.6
Gesamt Kohlenwasserstoffe	mg/kg MS	**325**	**982**	**46300**	**526**	**216**	**344**	**408**	**341**

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F LKW

LKW

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN	Einheit	2900	2901	2902	2903	2904	3706	3707
		F11 / 8.0 9.5m (Mischprobe schnecke)	F11 / 9.5 11.0m (Mischprobe schnecke)	F3 / 6.0 7.0m	F3c / 2.0 3.0m	F3c / 7.0 9.0m	F5-P1 (5.0-6.0m)	F5-P2 (10.0-11.0m)
1,1-Dichlorethen	µg/kg	<4	<4	<4	<4	<4	<4	<4
1,1,1-Trichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
1,1,1,2-Tetrachlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
1,1,2,2-Tetrachlorethan	µg/kg	<4	<4	<4	<4	32	<4	<4
1,1,2-Trichlorethan	µg/kg	<10	<10	<10	<10	≤4	<10	<10
1,1-Dichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
1,1-Dichlorpropen	µg/kg	<2	<2	<2	<2	<2	<2	<2
1,2,3-Trichlorbenzol	µg/kg	<2	<2	6	<2	22	104	8
1,2,3-Trichlorpropan	µg/kg	<4	<4	<4	<4	<4	<4	<4
1,2,4-Trichlorbenzol	µg/kg	<2	<2	24	<2	100	300	18
1,2,4-Trimethylbenzol	µg/kg	<2	<2	18	<2	<2	<2	4
1,2-Dibromo-3-chlorpropan	µg/kg	<20	<20	<20	<20	<20	<20	<20
1,2-Dibromethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
1,2-Dichlorbenzol	µg/kg	<2	<2	**>200**	<2	**88**	<2	**50**
1,2-Dichlorethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
1,2-Dichlorpropan	µg/kg	<8	<8	<8	<8	<8	<8	<8
1,3,5-Trimethylbenzol	µg/kg	<2	<2	**8**	<2	<2	<2	≤2
1,3-Dichlorbenzol	µg/kg	<2	<2	**72**	<2	**8**	<2	**8**
1,3-Dichlorpropan	µg/kg	<2	<2	<2	<2	<2	<2	<2
1,4-Dichlorbenzol	µg/kg	<2	<2	**180**	<2	**10**	≤2	**32**
2,2-Dichlorpropan	µg/kg	<10	<10	<10	<10	<10	<10	<10
2-Chlortoluol	µg/kg	<2	<2	≤2	<2	<2	<2	<2
4-Chlortoluol	µg/kg	<2	<2	≤2	<2	<2	<2	<2
Benzol	µg/kg	<2	<2	≤2	<2	**4**	<2	**72**
Brombenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2

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F LKW

LKW

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN	Einheit	2900	2901	2902	2903	2904	3706	3707
		F11 / 8.0 9.5m (Mischprobe schnecke)	F11 / 9.5 11.0m (Mischprobe schnecke)	F3 / 6.0 7.0m	F3c / 2.0 3.0m	F3c / 7.0 9.0m	F5-P1 (5.0-6.0m)	F5-P2 (10.0-11.0m)
Bromchlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
Bromoform	µg/kg	<4	<4	<4	<4	<4	<4	<4
Chlorbenzol	µg/kg	<2	<2	>200	≤2	40	≤2	>200
Chloroform	µg/kg	5	6	<4	8	4	6	<4
Dichlormethan	µg/kg	<20	<20	24	31	68	<20	30
cis-1,2-Dichlorethen	µg/kg	<2	<2	370	12	26	20	21
cis-1,3-Dichlorpropen	µg/kg	<2	<2	<2	<2	<2	<2	<2
Dibromchlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
Dibrommethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
Dichlorbrommethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
Ethylbenzol	µg/kg	<2	<2	10	<2	<2	<2	2
Hexachlorbutadien	µg/kg	<2	<2	<2	<2	<2	<2	<2
Isopropylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	≤2
m+ p-Xylol	µg/kg	<4	<4	12	<4	<4	<4	8
n-Butylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2
n-Propylbenzol	µg/kg	<2	<2	2	<2	<2	<2	<2
o-Xylol	µg/kg	<2	<2	8	<2	≤2	<2	4
Perchlorethen	µg/kg	100	71	160	720	320	>2000	360
p-Isopropyltoluol	µg/kg	<2	<2	12	<2	<2	<2	2
sec-Butylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2
Styrol	µg/kg	<2	<2	<2	<2	<2	<2	<2
tert-Butylbenzol	µg/kg	<2	<2	<2	<2	<2	<2	<2
Tetrachlormethan	µg/kg	<4	<4	<4	<4	<4	<4	<4
Toluol	µg/kg	<10	<10	12	<10	≤2	<10	≤10
trans-1,2-Dichlorethen	µg/kg	<2	<2	43	5	2	11	2

F LKW

LKW

FELDREBEN	Einheit	2900	2901	2902	2903	2904	3706	3707
		F11 / 8.0 9.5m (Mischprobe schnecke)	F11 / 9.5 11.0m (Mischprobe schnecke)	F3 / 6.0 7.0m	F3c / 2.0 3.0m	F3c / 7.0 9.0m	F5-P1 (5.0-6.0m)	F5-P2 (10.0-11.0m)
trans-1,3-Dichlorpropen	µg/kg	<4	<4	<4	<4	<4	<4	<4
Trichlorethen	µg/kg	**14**	**9**	**110**	**940**	**280**	**>2000**	**150**
1,3,5-Trichlorobenzol	µg/kg	<2	<2	<2	<2	2	<2	<2
Alkane (C5-C10)	µg/kg	<120	<120	<120	<120	<120	<120	<120
Hexachlorethan	µg/kg	<1	<1	<1	<1	<1	**2**	**4**
Gesamt Kohlenwasserstoffe	mg/l	<0.6	**10.9**	**1.68**	<0.6	<0.6	<0.6	<0.6
Gesamt Kohlenwasserstoffe	mg/kg MS	**252**	**345**	**2830**	**1500**	**597**	**1280**	**119**

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F LKW

LKW

FELDREBEN	Einheit	3708
		C4b-P1 (10.0-11.0m)
1,1-Dichlorethen	µg/kg	<4
1,1,1-Trichlorethan	µg/kg	<4
1,1,1,2-Tetrachlorethan	µg/kg	<4
1,1,2,2-Tetrachlorethan	µg/kg	<4
1,1,2-Trichlorethan	µg/kg	<10
1,1-Dichlorethan	µg/kg	<4
1,1-Dichlorpropen	µg/kg	<2
1,2,3-Trichlorbenzol	µg/kg	<2
1,2,3-Trichlorpropan	µg/kg	<4
1,2,4-Trichlorbenzol	µg/kg	<2
1,2,4-Trimethylbenzol	µg/kg	<2
1,2-Dibromo-3-chlorpropan	µg/kg	<20
1,2-Dibromethan	µg/kg	<4
1,2-Dichlorbenzol	µg/kg	<2
1,2-Dichlorethan	µg/kg	<4
1,2-Dichlorpropan	µg/kg	<8
1,3,5-Trimethylbenzol	µg/kg	<2
1,3-Dichlorbenzol	µg/kg	<2
1,3-Dichlorpropan	µg/kg	<2
1,4-Dichlorbenzol	µg/kg	<2
2,2-Dichlorpropan	µg/kg	<10
2-Chlortoluol	µg/kg	<2
4-Chlortoluol	µg/kg	<2
Benzol	µg/kg	<2
Brombenzol	µg/kg	<2

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F LKW

LKW

FELDREBEN	Einheit	3708
		C4b-P1 (10.0-11.0m)
Bromchlormethan	µg/kg	<4
Bromoform	µg/kg	<4
Chlorbenzol	µg/kg	<2
Chloroform	µg/kg	4
Dichlormethan	µg/kg	<20
cis-1,2-Dichlorethen	µg/kg	21
cis-1,3-Dichlorpropen	µg/kg	<2
Dibromchlormethan	µg/kg	<4
Dibrommethan	µg/kg	<4
Dichlorbrommethan	µg/kg	<4
Ethylbenzol	µg/kg	<2
Hexachlorbutadien	µg/kg	≤2
Isopropylbenzol	µg/kg	<2
m+ p-Xylol	µg/kg	<4
n-Butylbenzol	µg/kg	<2
n-Propylbenzol	µg/kg	<2
o-Xylol	µg/kg	<2
Perchlorethen	µg/kg	880
p-Isopropyltoluol	µg/kg	<2
sec-Butylbenzol	µg/kg	<2
Styrol	µg/kg	<2
tert-Butylbenzol	µg/kg	<2
Tetrachlormethan	µg/kg	<4
Toluol	µg/kg	<10
trans-1,2-Dichlorethen	µg/kg	8

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F LKW

LKW

FELDREBEN	Einheit	3708
		C4b-P1 (10.0-11.0m)
trans-1,3-Dichlorpropen	µg/kg	<4
Trichlorethen	µg/kg	260
1,3,5-Trichlorobenzol	µg/kg	<2
Alkane (C5-C10)	µg/kg	<120
Hexachlorethan	µg/kg	80
Gesamt Kohlenwasserstoffe	mg/l	<0.6
Gesamt Kohlenwasserstoffe	mg/kg MS	41.5

F PAK

PAK

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Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		2884	2885	2886	2887	2888	2889	2890	2891	2892	2893
		C3 / 2.5 3.5m	C3 / 3.5 5.5m (Mischprobe schnecke)	C3 / 5.5 6.5m	C3 / 6.5 10.0m (Mischprobe schnecke)	C3 / 10.0 11.0m aus Liner	D4b / 0 3.0m (Mischprobe schnecke)	D4b / 3.0 4.0m	D4b / 6.0 8.0m (Mischprobe schnecke)	D4b / 8.0 9.0m	D4b / 10.0 11.0m
Acenaphten	µg/kg	277	<10	534	30	<10	1446	377	386	1727	960
Acenaphtylen	µg/kg	35	<10	76	12	<10	88	<10	<10	<10	<10
Anthracen	µg/kg	3091	136	2651	524	212	3629	723	3977	4587	688
Benzo(a)Anthracen	µg/kg	9038	1667	2710	1461	919	5103	2571	1210	7874	479
Benzo(a)pyren	µg/kg	1889	437	1814	616	224	4878	2406	308	2939	162
Benzo(ghi)perylen	µg/kg	195	23	745	196	30	2559	1276	89	498	70
zo(b)fluoranthen & Benzo(k)fluoran	µg/kg	5770	1390	3084	1312	909	8373	4156	875	7822	375
Chrysen	µg/kg	9122	1316	2345	1679	950	5305	2522	602	6819	522
Dibenzo(a,h)Anthracen	µg/kg	68	≤10	236	78	10	609	324	51	224	16
Fluoranthen	µg/kg	30180	3117	5956	4605	2767	7232	5699	1001	10208	6630
Fluoren	µg/kg	619	≤10	485	93	18	1804	513	471	1874	992
Indeno(1,2,3 cd)pyren	µg/kg	438	58	853	324	59	2753	1459	238	1134	74
Naphtalen	µg/kg	211	<10	234	13	<10	541	208	8362	8778	3497
Phenanthren	µg/kg	10023	342	4278	1307	498	7547	4700	5076	10724	5355
Pyren	µg/kg	21808	2661	5607	2798	1824	7266	5516	445	10250	1975

F PAK

PAK

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		2894	2895	2896	2897	2898	2899	2900	2901	2902
		D4b / 10.0 11.0m aus Liner	E3 / 7.0 11.0m (Mischprobe)	F11 / 0 6.0m (Mischprobe schnecke)	F11 / 5.0 6.5m (Mischprobe schnecke)	F11 / 6.2 7.4m	F11 / 6.5 8.0m (Mischprobe schnecke)	F11 / 8.0 9.5m (Mischprobe schnecke)	F11 / 9.5 11.0m (Mischprobe schnecke)	F3 / 6.0 7.0m
Acenaphten	µg/kg	7543	<10	1821	401	72	362	309	287	219
Acenaphtylen	µg/kg	189	<10	<10	<10	<10	32	48	68	<10
Anthracen	µg/kg	7653	627	7008	1661	181	2115	1928	2106	950
Benzo(a)Anthracen	µg/kg	16367	527	13992	2165	936	4737	4708	4774	164
Benzo(a)pyren	µg/kg	6886	136	12593	5796	1325	4366	4518	3706	31
Benzo(ghi)perylen	µg/kg	3078	31	4104	3215	662	2458	2388	1726	<10
zo(b)fluoranthen & Benzo(k)fluoran	µg/kg	16554	220	24510	10462	2241	8307	8329	6957	98
Chrysen	µg/kg	19050	467	12120	4729	975	5551	5593	4955	165
Dibenzo(a,h)Anthracen	µg/kg	917	≤10	1023	660	184	674	572	546	<10
Fluoranthen	µg/kg	75430	1667	19204	15768	2092	9687	11855	8266	1057
Fluoren	µg/kg	13521	158	3313	1151	88	756	667	757	306
Indeno(1,2,3 cd)pyren	µg/kg	3255	33	4952	3194	714	2604	2665	1878	≤10
Naphtalen	µg/kg	55284	31358	2685	256	783	260	215	129	46289
Phenanthren	µg/kg	71325	819	17023	8071	662	6493	5712	7171	1229
Pyren	µg/kg	60159	892	18373	13913	1882	8932	11206	7434	378

F PAK

PAK

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		2903	2904	3706	3707	3708
		F3c / 2.0 3.0m	F3c / 7.0 9.0m	F5-P1 (5.0-6.0m)	F5-P2 (10.0-11.0m)	C4b-P1 (10.0-11.0m)
Acenaphten	µg/kg	19	19	3031	<100	13
Acenaphtylen	µg/kg	<10	<10	<100	<100	<10
Anthracen	µg/kg	52	123	29590	190	67
Benzo(a)Anthracen	µg/kg	319	166	75839	113	440
Benzo(a)pyren	µg/kg	373	188	87122	126	491
Benzo(ghi)perylen	µg/kg	246	97	65540	289	341
zo(b)fluoranthen & Benzo(k)fluoran	µg/kg	644	302	146223	595	915
Chrysen	µg/kg	339	161	89749	470	605
Dibenzo(a,h)Anthracen	µg/kg	56	32	22353	<100	118
Fluoranthen	µg/kg	509	277	154607	2723	282
Fluoren	µg/kg	13	91	5724	<100	<10
Indeno(1,2,3 cd)pyren	µg/kg	250	110	79909	301	352
Naphtalen	µg/kg	350	557	9498	452	32
Phenanthren	µg/kg	241	149	82220	656	120
Pyren	µg/kg	455	203	104384	401	274

F Schwermetalle

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		2904	3706	3707	3708	
		F3c / 7.0 9.0m	F5-P1 (5.0-6.0m)	F5-P2 (10.0-11.0m)	C4b-P1 (10.0-11.0m)	
Ag	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4	
Al	mg/kg	4700	5300	100	4800	
Ba	mg/kg	120	160	45	53	
Cd	mg/kg	0.7	1.1	< 0.2	< 0.2	
Cr	mg/kg	88	2000	1.1	26	
Cu	mg/kg	340	1000	1.2	49	
Mn	mg/kg	830	510	11	310	
Mo	mg/kg	11	4.6	18	5.4	
Ni	mg/kg	99	43	< 0.4	16	
Pb	mg/kg	230	970	< 1	570	
Sn	mg/kg	37	1500	15	220	
Zn	mg/kg	190	450	1.9	130	
As	mg/kg	79	75	480	64	
Co	mg/kg	16	11	< 0.4	3.8	
Hg	mg/kg	< 1	5.3	2.3	1.22	
Mg	mg/kg	20000	7100	120	54000	
Sb	mg/kg	36	35	12	2.9	
Se	mg/kg	< 1	6.3	5.1	7.1	
Tl	mg/kg	< 0.2	0.39	0.15	0.5	
B	mg/kg	14	100	8.1	6.1	
Be	mg/kg	< 1	2.17	1.03	1.5	
Bi	mg/kg	0.69	1.6	< 1	1.21	
Br	mg/kg	< 10	50	15.65	< 10	
Ce	mg/kg	8.2	12	8.1	12	
Cs	mg/kg	1.2	1.4	1.2	1.3	

F Schwermetalle

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		2904	3706	3707	3708	
		F3c / 7.0 9.0m	F5-P1 (5.0-6.0m)	F5-P2 (10.0-11.0m)	C4b-P1 (10.0-11.0m)	
I	mg/kg	3.99	3.36	3.81	2.11	
In	mg/kg	0.2	2.9	0.19	0.55	
La	mg/kg	3.8	5.6	4.1	5.4	
Li	mg/kg	7.3	47	39	47	
Pd	mg/kg	< 1	< 1	< 1	< 1	
Sr	mg/kg	86	110	110	100	
Ti	mg/kg	190	120	1.2	70	
V	mg/kg	55	39	< 0.2	24	
W	mg/kg	5.6	2	< 0.2	< 0.2	
Y	mg/kg	3.1	3.7	3.1	4.1	
Dy	mg/kg	1.2	1.6	1.2	1.6	
Er	mg/kg	0.58	0.72	0.62	0.67	
Eu	mg/kg	0.33	0.49	0.32	0.5	
Ga	mg/kg	1.51	2.1	1	1.18	
Gd	mg/kg	1.2	2.3	1.5	2	
Ge	mg/kg	< 0.2	0.17	0.29	0.1	
Hf	mg/kg	< 0.2	0.12	< 0.2	< 0.2	

F PAK

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		404	405	406	407	408
		2.7-4.0 mu.T.	6.0-6.1 mu.T.	7.1-8.0 mu.T.	9.4-9.0 mu.T.	10.0-10.2 mu.T.
Acenaphthen	µg/kg MS	**38**	**116**	<10	**116**	**2794**
Acenaphtylen	µg/kg MS	**22**	**13**	≤10	<10	**62**
Anthracen	µg/kg MS	**199**	**656**	**74**	**863**	**33671**
Benzo(a)Anthracen	µg/kg MS	**941**	**1531**	**2158**	**1560**	**73728**
Benzo(a)pyren	µg/kg MS	**626**	**995**	**2720**	**757**	**69036**
Benzo(ghi)perylen	µg/kg MS	**404**	**468**	**3516**	**18**	**26889**
Benzo(b)fluoranthen & Benzo(k)fluoranthen	µg/kg MS	**1256**	**1718**	**4526**	**1638**	**95668**
Chrysen	µg/kg MS	**1146**	**1695**	**2132**	**1890**	**90064**
Dibenzo(a,h)Anthracen	µg/kg MS	**94**	**144**	**473**	≤10	**10036**
Fluoranthen	µg/kg MS	**2223**	**4149**	**1718**	**3693**	**99706**
Fluoren	µg/kg MS	**80**	**404**	**15**	**148**	**5817**
Indeno(1,2,3 cd)pyren	µg/kg MS	**443**	**594**	**2273**	**46**	**31063**
Naphthalin	µg/kg MS	**188**	**516**	**21**	**187**	**1894**
Phenanthren	µg/kg MS	**887**	**2588**	**272**	**2481**	**57554**
Pyren	µg/kg MS	**1856**	**3171**	**2723**	**3528**	**93856**

F Chem
Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		404	405	406	407	408
		2.7-4.0 mu.T.	6.0-6.1 mu.T.	7.1-8.0 mu.T.	9.4-9.0 mu.T.	10.0-10.2 mu.T.
Ammonium	mg/l	**12.9**	**11.3**	**0.08**	**0.08**	**0.05**
freie Cyanide	µg/l	**10**	<10	<10	**15**	<10
Fluorid	mg/l	**0.4**	<0.2	<0.2	<0.2	**0.2**
Trockensubstanz	%	**71.3**	**74.1**	**79.9**	**77.4**	**85.9**
Nitrite	mg/l	<0.01	<0.01	<0.08	**0.05**	**0.01**

F LKW
Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
MIP 2006

FELDREBEN		404	405	406	407	408
		2.7-4.0 mu.T.	6.0-6.1 mu.T.	7.1-8.0 mu.T.	9.4-9.0 mu.T.	10.0-10.2 mu.T.
1,1-Dichlorethen	µg/kg	<1	< 1	< 1	< 1	< 1
1,1,1-Trichlorethan	µg/kg	<1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachlorethan	µg/kg	<1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachlorethan	µg/kg	<1	< 1	< 1	< 1	< 1
1,1,2-Trichlorethan	µg/kg	<1	< 1	< 1	< 1	< 1
1,1-Dichlorethan	µg/kg	<2	< 2	< 2	< 2	< 2
1,1-Dichlorpropen	µg/kg	<2	< 2	< 2	< 2	< 2
1,2,3-Trichlorbenzol	µg/kg	<2	< 2	< 2	< 2	< 2
1,2,3-Trichlorpropan	µg/kg	<2	< 2	< 2	< 2	< 2
1,2,4-Trichlorbenzol	µg/kg	<2	< 2	< 2	< 2	< 2
1,2,4-Trimethylbenzol	µg/kg	<1	2	< 1	< 1	< 1
1,2-Dibromo-3-chlorpropan	µg/kg	<5	< 5	< 5	< 5	< 5
1,2-Dibromethan	µg/kg	<2	< 2	< 2	< 2	< 2
1,2-Dichlorbenzol	µg/kg	<1	< 1	< 1	< 1	< 1
1,2-Dichlorethan	µg/kg	<2	< 2	< 2	< 2	< 2
1,2-Dichlorpropan	µg/kg	<2	< 2	< 2	< 2	< 2
1,3,5-Trimethylbenzol	µg/kg	≤1	3	< 1	< 1	< 1
1,3-Dichlorbenzol	µg/kg	<1	< 1	< 1	< 1	< 1
1,3-Dichlorpropan	µg/kg	<2	< 2	< 2	< 2	< 2
1,4-Dichlorbenzol	µg/kg	<1	< 1	< 1	< 1	< 1
2,2-Dichlorpropan	µg/kg	<2	< 2	< 2	< 2	< 2
2-Chlortoluol	µg/kg	<1	< 1	< 1	< 1	< 1
4-Chlortoluol	µg/kg	<1	< 1	< 1	< 1	< 1
Benzol	µg/kg	2	2	≤1	10	≤1
Brombenzol	µg/kg	<1	< 1	< 1	< 1	< 1
Bromchlormethan	µg/kg	<2	< 2	< 2	< 2	< 2

F LKW

Chemie

Bromoform	µg/kg	<2	< 2	< 2	< 2	< 2
Chlorbenzol	µg/kg	<1	< 1	< 1	< 1	< 1
Chloroform	µg/kg	<2	< 2	< 2	**25**	< 2
Dichlormethan	µg/kg	<5	< 5	< 5	**100**	**32**
cis-1,2-Dichlorethen	µg/kg	<1	**80**	< 1	**12**	< 1
cis-1,3-Dichlorpropen	µg/kg	<1	< 1	< 1	< 1	< 1
Dibromchlormethan	µg/kg	<2	< 2	< 2	< 2	< 2
Dibrommethan	µg/kg	<2	< 2	< 2	< 2	< 2
Dichlorbrommethan	µg/kg	<2	< 2	< 2	**1**	< 2
Ethylbenzol	µg/kg	<1	≤10	< 1	< 1	< 1
Hexachlorbutadien	µg/kg	<2	< 2	< 2	< 2	< 2
Isopropylbenzol	µg/kg	<1	< 1	< 1	< 1	< 1
m+ p-Xylol	µg/kg	<2	≤2	< 2	≤2	< 2
Naphtalin	µg/kg	<2	**11**	< 2	< 2	**6**
n-Butylbenzol	µg/kg	<1	< 1	< 1	< 1	< 1
n-Propylbenzol	µg/kg	<1	< 1	< 1	< 1	< 1
o-Xylol	µg/kg	<1	< 1	< 1	< 1	< 1
Perchlorethen	µg/kg	<1	**65**	**230**	**1850**	**200**
p-Isopropyltoluol	µg/kg	**20**	**4**	< 1	< 1	< 1
sec-Butylbenzol	µg/kg	<1	**1**	< 1	< 1	< 1
Styrol	µg/kg	<1	< 1	< 1	< 1	< 1
tert-Butylbenzol	µg/kg	<1	< 1	< 1	< 1	< 1
Tetrachlormethan	µg/kg	<5	< 5	≤5	**35**	< 5
Toluol	µg/kg	**3**	**2**	**2**	**3**	**1**
trans-1,2-Dichlorethen	µg/kg	<1	< 1	< 1	**7**	< 1
trans-1,3-Dichlorpropen	µg/kg	<1	< 1	< 1	< 1	< 1
Trichlorethen	µg/kg	**5**	**135**	**180**	**4800**	**315**
Alkane (C5-C10)	µg/kg	<60	< 60	< 60	< 60	< 60

RWB
laboratoire SA

Sondierbohrungen
Oktober und November 2006

Resultate

Beilage : Resultattabellen

F PAK

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
Sondierbohrungen 2006

FELDREBEN		4863	4869	4870	4872	4874	4875	4876	4882	4884	4885
		KB F 06/01, 4.76.0 m u.T	KB F 06/01, 8.0 9.5 m u.T	KB F 06/01, 10.0 13.0 m u.T	KB F 06/01, 14.9 15.5 m u.T	KB F 06/01, 22.0 22.5 m u.T	KB F 06/03, 1.0 3.0 m u.T	KB F 06/03, 3.0 4.9 m u.T	KB F 06/02, 3.8 5.4 m u.T	KB F 06/02, 7.1 10.2 m u.T	KB F 06/02, 10.4 12.0 m u.T
Acenaphthen	µg/kg MS	684	1642	551	9166	100	159	297	733	360	52
Acenaphtylen	µg/kg MS	30	180	109	261	<10	37	10	218	81	<10
Anthracen	µg/kg MS	850	7524	3216	20039	34	268	319	4642	2420	14
Benzo(a)Anthracen	µg/kg MS	1977	13595	10100	88391	47	1038	1102	15738	5395	19
Benzo(a)pyren	µg/kg MS	362	10120	9175	65557	10	1082	844	14046	5594	16
Benzo(ghi)perylen	µg/kg MS	798	6353	7897	44844	14	654	584	12090	4293	13
Benzo(b)fluoranthen & Benzo(k)fluoranthen	µg/kg MS	3169	20470	17764	135017	110	1895	1719	32364	9459	35
Chrysen	µg/kg MS	2248	13082	12335	91562	74	1081	1092	19472	5738	21
Dibenzo(a,h)Anthracen	µg/kg MS	283	682	1839	14797	<10	236	192	3082	713	<10
Fluoranthen	µg/kg MS	12275	46600	20078	207030	176	1923	2333	50908	12758	50
Fluoren	µg/kg MS	1463	4215	899	10106	135	234	369	1100	850	76
Indeno(1,2,3 cd)pyren	µg/kg MS	955	7564	8928	51715	28	769	692	12518	4068	17
Naphthalin	µg/kg MS	4355	2210	839	2520	53	375	107	580	854	<10
Phenanthren	µg/kg MS	21381	31611	8591	127372	423	1464	1754	28069	6540	160
Pyren	µg/kg MS	4686	31624	17036	177800	72	1495	1714	38505	10685	33

F PAK

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
Sondierbohrungen 2006

FELDREBEN		4886	4887	5252	5254	5257	5260	5266	5268	5269
		KB F 06/02, 9.2 9.6 m u.T	KB F 06/02, 9.6 10.2 m u.T	KB F 06/04, 2.2 6.6 m u.T	KB F 06/05, 1.0 2.7 m u.T	KB F 06/05, 4.9 5.3 m u.T	KB F 06/05, 6.5 8.4 m u.T	KB F 06/06, 7.0 7.2 m u.T	KB F 06/06, 7.2 11.1 m u.T	KB F 06/06, 11.1 11.9 m u.T
Acenaphthen	µg/kg MS	<300	196	149	156	131	396	157	36	2596
Acenaphtylen	µg/kg MS	<300	57	<10	34	52	88	<10	18	321
Anthracen	µg/kg MS	321	3758	351	1167	248	3378	509	692	826
Benzo(a)Anthracen	µg/kg MS	3870	9411	1561	4945	226	3399	2783	2974	50
Benzo(a)pyren	µg/kg MS	1968	1863	1336	6515	143	3279	3717	3636	27
Benzo(ghi)perylen	µg/kg MS	2013	1682	787	4148	152	2042	3081	2721	13
Benzo(b)fluoranthen & Benzo(k)fluoranthen	µg/kg MS	5073	2558	2361	15362	638	5874	7248	7181	67
Chrysen	µg/kg MS	5142	9460	1560	7355	285	4478	3321	3670	70
Dibenzo(a,h)Anthracen	µg/kg MS	360	355	253	1190	50	444	926	640	<10
Fluoranthen	µg/kg MS	5332	28343	2825	9518	1819	11315	5294	6485	1028
Fluoren	µg/kg MS	<300	1422	97	412	862	1571	127	102	6032
Indeno(1,2,3 cd)pyren	µg/kg MS	2193	1818	951	4658	16	2444	3349	2987	17
Naphthalin	µg/kg MS	<300	353	21	470	33795	2674	472	33	1473
Phenanthren	µg/kg MS	550	15095	1178	2766	2427	9290	2071	1839	9601
Pyren	µg/kg MS	4995	21321	2353	7610	694	6543	5058	5414	246

F Chem

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
Sondierbohrungen 2006

FELDREBEN		4863	4869	4870	4872	4874	4875	4876	4882	4884	4885
		KB F 06/01, 4.76.0 m u.T	KB F 06/01, 8.0 9.5 m u.T	KB F 06/01, 10.0 13.0 m u.T	KB F 06/01, 14.9 15.5 m u.T	KB F 06/01, 22.0 22.5 m u.T	KB F 06/03, 1.0 3.0 m u.T	KB F 06/03, 3.0 4.9 m u.T	KB F 06/02, 3.8 5.4 m u.T	KB F 06/02, 7.1 10.2 m u.T	KB F 06/02, 10.4 12.0 m u.T
Ammonium	mg/l	**2.28**	**16.4**	**3.14**	**0.91**	**0.06**	**0.019**	**0.06**	**0.044**	**0.124**	**0.1**
Fluorid	mg/l	**≤0.2**	<0.2	<0.2	<0.2	**<0.2**	0.2	<0.2	<0.2	**0.2**	<0.2
freie Cyanide	µg/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrite	mg/l	**0.024**	**0.1**	**0.301**	**7.5**	**0.01**	**0.003**	**0.01**	**0.003**	**0.166**	**0.01**

F Chem
Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
Sondierbohrungen 2006

FELDREBEN		4886	4887	5252	5254	5257	5260	5266	5268	5269
		KB F 06/02, 9.2 9.6 m u.T	KB F 06/02, 9.6 10.2 m u.T	KB F 06/04, 2.2 6.6 m u.T	KB F 06/05, 1.0 2.7 m u.T	KB F 06/05, 4.9 5.3 m u.T	KB F 06/05, 6.5 8.4 m u.T	KB F 06/06, 7.0 7.2 m u.T	KB F 06/06, 7.2 11.1 m u.T	KB F 06/06, 11.1 11.9 m u.T
Ammonium	mg/l	**0.06**	**0.108**	**1.21**	**0.03**	**0.21**	**0.12**	**<0.02**	**0.18**	**0.29**
Fluorid	mg/l	<0.2	<0.2	**<0.2**	<0.2	<0.2	<0.2	**<0.2**	<0.2	<0.2
freie Cyanide	µg/l	<10	<10	<10	<10	<10	<250	<10	<10	<10
Nitrite	mg/l	**0.05**	**0.027**	**0.01**	**0.01**	**<0.01**	**0.4**	**<0.01**	**0.08**	**0.01**

F LKW

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
Sondierbohrungen 2006

FELDREBEN		4863	4869	4870	4872	4874	4875	4876	4882	4884	4885
		KB F 06/01, 4.76.0 m u.T	KB F 06/01, 8.0 9.5 m u.T	KB F 06/01, 10.0 13.0 m u.T	KB F 06/01, 14.9 15.5 m u.T	KB F 06/01, 22.0 22.5 m u.T	KB F 06/03, 1.0 3.0 m u.T	KB F 06/03, 3.0 4.9 m u.T	KB F 06/02, 3.8 5.4 m u.T	KB F 06/02, 7.1 10.2 m u.T	KB F 06/02, 10.4 12.0 m u.T
1,1-Dichlorethen	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,1,1-Trichlorethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,1,1,2-Tetrachlorethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,1,2,2-Tetrachlorethan	µg/kg	<20	20	<20	40	<20	<20	<20	60	40	<20
1,1,2-Trichlorethan	µg/kg	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1-Dichlorethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,1-Dichlorpropen	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2,3-Trichlorbenzol	µg/kg	4300	30	410	290	<10	≤10	<10	500	120	<10
1,2,3-Trichlorpropan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,2,4-Trichlorbenzol	µg/kg	600	40	240	160	<10	<10	<10	900	210	<10
1,2,4-Trimethylbenzol	µg/kg	300	20	<10	60	<10	<10	<10	<10	<10	<10
1,2-Dibromo-3-chlorpropan	µg/kg	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,2-Dibromethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,2-Dichlorbenzol	µg/kg	5400	340	80	40	<10	<10	<10	20	20	<10
1,2-Dichlorethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,2-Dichlorpropan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,3,5-Trimethylbenzol	µg/kg	100	<10	<10	50	<10	<10	<10	<10	<10	<10
1,3-Dichlorbenzol	µg/kg	2700	10	60	40	<10	<10	<10	<10	≤10	<10
1,3-Dichlorpropan	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,4-Dichlorbenzol	µg/kg	2500	70	60	40	<10	70	<10	≤10	10	<10
2,2-Dichlorpropan	µg/kg	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Chlortoluol	µg/kg	100	20	<10	<10	<10	60	<10	<10	<10	<10
4-Chlortoluol	µg/kg	700	<10	<11	<12	<13	<14	<15	<16	<17	<18
Benzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Brombenzol	µg/kg	20	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bromchlormethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Bromoform	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20

F LKW

Chemie

Chlorbenzol	µg/kg	130000	3500	550	430	<10	30	<10	≤10	10	<10
Chloroform	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Dichlormethan	µg/kg	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
cis-1,2-Dichlorethen	µg/kg	395	60	20	30	<10	<10	<10	10	12	<10
cis-1,3-Dichlorpropen	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibromchlormethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Dibrommethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Dichlorbrommethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Ethylbenzol	µg/kg	600	10	<10	20	<10	<10	<10	<10	<10	<10
Hexachlorbutadien	µg/kg	10	20	220	170	<10	<10	<10	900	240	<10
Isopropylbenzol	µg/kg	10	<10	<10	<10	<10	<10	<10	<10	<10	<10
m+ p-Xylol	µg/kg	2100	60	≤20	40	<20	<20	<20	<20	<20	<20
n-Butylbenzol	µg/kg	60	<10	<10	20	<10	<10	<10	<10	<10	<10
n-Propylbenzol	µg/kg	20	<10	<10	<10	<10	<10	<10	<10	<10	<10
o-Xylol	µg/kg	700	60	10	20	<10	<10	<10	<10	<10	<10
Perchlorethen	µg/kg	500	750	2160	2450	48	335	35	1700	3800	44
p-Isopropyltoluol	µg/kg	100	≤10	<10	<10	<10	<10	<10	<10	<10	<10
sec-Butylbenzol	µg/kg	≤10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Styrol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
tert-Butylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Tetrachlormethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Toluol	µg/kg	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
trans-1,2-Dichlorethen	µg/kg	30	30	≤10	≤10	<10	<10	<10	<10	20	<10
trans-1,3-Dichlorpropen	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Trichlorethen	µg/kg	32	425	400	1300	31	85	<10	700	2350	31
1,3,5-Trichlorobenzol	µg/kg	400	<10	10	≤10	<10	<10	<10	<10	<10	<10
Alkane (C5-C10)	µg/kg	1300	<600	<600	<600	<600	<600	<600	<600	<600	<600
Hexachlorethan	µg/kg	<5	50	800	2600	<5	30	<5	4200	1400	<5
Gesamt Kohlenwasserstoffe	mg/kg MS	1200	1470	1800	600	19	290	53	380	750	37
Gesamt Kohlenwasserstoffe	mg/l	1.9	0.8	0.5	<0.4	<0.4	0.4	<0.4	<0.4	<0.4	<0.4

Depor **eststoffe**
S **gen 2006**

F LKW

Chemie

RWB laboratoire SA

Deponien Muttenz Feststoffe
Sondierbohrungen 2006

FELDREBEN		4886	4887	5252	5254	5257	5260	5266	5268	5269
		KB F 06/02, 9.2 9.6 m u.T	KB F 06/02, 9.6 10.2 m u.T	KB F 06/04, 2.2 6.6 m u.T	KB F 06/05, 1.0 2.7 m u.T	KB F 06/05, 4.9 5.3 m u.T	KB F 06/05, 6.5 8.4 m u.T	KB F 06/06, 7.0 7.2 m u.T	KB F 06/06, 7.2 11.1 m u.T	KB F 06/06, 11.1 11.9 m u.T
1,1-Dichlorethen	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,1,1-Trichlorethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,1,1,2-Tetrachlorethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,1,2,2-Tetrachlorethan	µg/kg	170	40	<20	<20	<20	<20	<20	<20	10
1,1,2-Trichlorethan	µg/kg	<50	<50	<50	<50	<50	<50	<50	<50	<50
1,1-Dichlorethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,1-Dichlorpropen	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2,3-Trichlorbenzol	µg/kg	30	30	<10	<10	≤10	150	<10	<10	<10
1,2,3-Trichlorpropan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,2,4-Trichlorbenzol	µg/kg	130	180	<10	<10	20	180	<10	<10	≤10
1,2,4-Trimethylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	≤10	<10	300
1,2-Dibromo-3-chlorpropan	µg/kg	<100	<100	<100	<100	<100	<100	<100	<100	<100
1,2-Dibromethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,2-Dichlorbenzol	µg/kg	60	50	<10	<10	70	40	<10	<10	<10
1,2-Dichlorethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,2-Dichlorpropan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
1,3,5-Trimethylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	100
1,3-Dichlorbenzol	µg/kg	30	10	<10	<10	10	10	<10	<10	<10
1,3-Dichlorpropan	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,4-Dichlorbenzol	µg/kg	20	20	<10	10	60	40	<10	<10	200
2,2-Dichlorpropan	µg/kg	<50	<50	<50	<50	<50	<50	<50	<50	<50
2-Chlortoluol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chlortoluol	µg/kg	<19	<20	<29	<30	<31	<32	<33	<34	<35
Benzol	µg/kg	<10	<10	<10	≤10	<10	<10	10	<10	<10
Brombenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bromchlormethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Bromoform	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20

F LKW

Chemie

Chlorbenzol	µg/kg	10	≤10	10	<10	50	60	10	<10	<10
Chloroform	µg/kg	30	<20	<20	<20	<20	<20	25	<20	<20
Dichlormethan	µg/kg	<100	<100	<100	<100	<100	<100	<100	<100	<100
cis-1,2-Dichlorethen	µg/kg	160	90	10	<10	<10	<10	50	<10	1800
cis-1,3-Dichlorpropen	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibromchlormethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Dibrommethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Dichlorbrommethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Ethylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	500
Hexachlorbutadien	µg/kg	190	120	<10	<10	<10	10	<10	<10	20
Isopropylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	10
m+ p-Xylol	µg/kg	<20	<20	<20	<20	<20	<20	20	<20	2400
n-Butylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	100
n-Propylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	20
o-Xylol	µg/kg	<10	<10	<10	<10	<10	<10	≤10	<10	1800
Perchlorethen	µg/kg	20000	4400	18	195	440	1650	280	70	88000
p-Isopropyltoluol	µg/kg	≤10	<10	<10	<10	<10	<10	<10	<10	1200
sec-Butylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	10
Styrol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
tert-Butylbenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
Tetrachlormethan	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Toluol	µg/kg	<50	<50	<50	<50	<50	<50	<50	<50	<50
trans-1,2-Dichlorethen	µg/kg	10	≤10	<10	<10	<10	<10	<10	<10	≤10
trans-1,3-Dichlorpropen	µg/kg	<20	<20	<20	<20	<20	<20	<20	<20	<20
Trichlorethen	µg/kg	10000	2950	<10	385	85	900	420	<10	3150
1,3,5-Trichlorobenzol	µg/kg	<10	<10	<10	<10	<10	<10	<10	<10	<10
Alkane (C5-C10)	µg/kg	<600	<600	<600	<600	<600	<600	<600	<600	<600
Hexachlorethan	µg/kg	2500	700	20	<5	<5	<5	<5	<5	<5
Gesamt Kohlenwasserstoffe	mg/kg MS	670	730	100	670	470	360	300	220	11000
Gesamt Kohlenwasserstoffe	mg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4

Deponien Muttenz Feststoffe
Sondierbohrungen 2006

RWB
laboratoire SA

Eluate nach Altlastverordnung

Resultate

Beilage : Resultattabellen

Chemie

RWB laboratoire SA

Chemie

Muttenz_Eluate		1475	1476	1477	1478	1479	1480
		Eluat nach AltlV W/F 0.25	Eluat nach AltlV W/F 3	Eluat nach AltlV W/F 6	Eluat nach AltlV W/F 0.25	Eluat nach AltlV W/F 3	Eluat nach AltlV W/F 6
Ammonium	mg/l	**0.1**	<0.02	<0.02	**44**	**10.63**	**4.43**
Fluoride	mg/l	<1	**0.8**	**0.7**	<1	**0.7**	**0.6**
Freie Cyanide	µg/l	<10	<0.4	<0.4	≤10	<0.4	<0.4
Leitfähigkeit	µS/cm	**2200**	**273**	**182**	**3580**	**1041**	**623**
Nitrite	mg/l	**0.04**	<0.01	**0.01**	**0.84**	**0.32**	**1.63**
Trockengewicht	%	**0.21**	**0.003**	**0.002**	**0.333**	**0.094**	**0.042**

DOC-AOX

DOC-AOX

RWB laboratoire SA

Muttenz_Eluate		1475	1476	1477	1478	1479	1480
		Eluat nach AltlV W/F 0.25	Eluat nach AltlV W/F 3	Eluat nach AltlV W/F 6	Eluat nach AltlV W/F 0.25	Eluat nach AltlV W/F 3	Eluat nach AltlV W/F 6
AOX	µg Cl/l	**120**	**30**	**21**	**1200**	**315**	**200**

LKW

LKW

RWB laboratoire SA

Muttenz_Eluate		1475	1476	1477	1478	1479	1480
		Eluat nach AltlV W/F 0.25	Eluat nach AltlV W/F 3	Eluat nach AltlV W/F 6	Eluat nach AltlV W/F 0.25	Eluat nach AltlV W/F 3	Eluat nach AltlV W/F 6
1,1,1 Trichlorethan	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,1,1,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	2.9	1.5	<0.2
1,1,2,2-Tetrachlorethan	µg/l	<0.2	<0.2	<0.2	2.9	1.5	<0.2
1,1,2-Trichlorethan	µg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,1-Dichlorethen	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2,3-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	8	10.2	8.4
1,2,4-Trichlorbenzol	µg/l	<0.1	<0.1	<0.1	1.1	1.5	1.4
1,2-Dibromoethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	17.9	17.7	12.1
1,2-Dichlorethan	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2-Dichlorpropan	µg/l	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
1,3-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,4-Dichlorbenzol	µg/l	<0.1	<0.1	<0.1	7.1	<0.1	<0.1
Alkane C5-C10	µg/l	<50	<50	<50	<50	<50	<50
Benzol	µg/l	<0.1	<0.1	0.5	<0.1	<0.1	≤0.1
Bromoform	µg/l	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorbenzol	µg/l	<0.1	<0.1	<0.1	50.3	<0.1	1.4
Chloroform	µg/l	<0.1	<0.1	<0.1	0.3	0.2	0.1
Chrysen	µg/l		<10	<10		<10	18
cis-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	2	5.3	3
Dibromochlormethan	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dichlorbromomethan	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dichlormethan	µg/l	1.9	<1	<1	3.3	<1	<1
Ethylbenzol	µg/l	<0.1	<0.1	<0.1	0.6	<0.1	0.1
Hexachlorbutadien	µg/l	<0.1	<0.1	<0.1	<0.1	0.3	0.2
Isopropylbenzol	µg/l	<0.1	<0.1	<0.1	<0.1	0.2	0.1
m+ p-Xylol	µg/l	<0.2	<0.2	<0.2	2.7	<0.2	1
n-Butylbenzol	µg/l	<0.1	<0.1	<0.1	0.2	0.1	<0.1
o-Xylol	µg/l	<0.1	<0.1	<0.1	2.8	5.4	1.3
Perchlorethen	µg/l	<0.1	1.6	1.2	0.3	13.6	10
Tetrachlormethan	µg/l	1.1	<0.2	<0.2	2.3	<0.2	<0.2
Toluol	µg/l	<0.5	<0.5	<0.5	0.5	<0.5	<0.5
trans-1,2-Dichlorethen	µg/l	<0.1	<0.1	<0.1	<0.1	0.3	<0.1
Trichlorethen	µg/l	0.3	1	0.8	2.4	9.2	5.8

PAK

PAK

RWB laboratoire SA

Muttenz_Eluate		1475	1476	1477	1478	1479	1480
		Eluat nach AltlV W/F 0.25	Eluat nach AltlV W/F 3	Eluat nach AltlV W/F 6	Eluat nach AltlV W/F 0.25	Eluat nach AltlV W/F 3	Eluat nach AltlV W/F 6
Acenaphthen	ng/l		<10	<10		820	720
Acenaphtylen	ng/l		<10	<10		73	26
Anthracen	ng/l		12	43		151	98
Benzo(a)anthracen	ng/l		<10	<10		≤10	13
Benzo(a)pyren	ng/l		<10	<10		<10	30
Benzo(b)fluoranthen & Benzo(k)fluoranthen	ng/l		<20	<20		<20	38
Benzo(ghi)perylen	ng/l		<10	<10		<10	15
Dibenzo(a,h)anthracen	ng/l		<10	<10		<10	<10
Fluoranthen	ng/l		<10	<10		19	27
Fluoren	ng/l		<10	<10		15	10
Indéno(1,2,3 cd)pyren	ng/l		<10	<10		<10	21
Naphthalen	ng/l		≤20	≤20		4540	2770
Phenanthren	ng/l		<10	<10		≤10	10
Pyren	ng/l		<10	<10		<10	18

RWB
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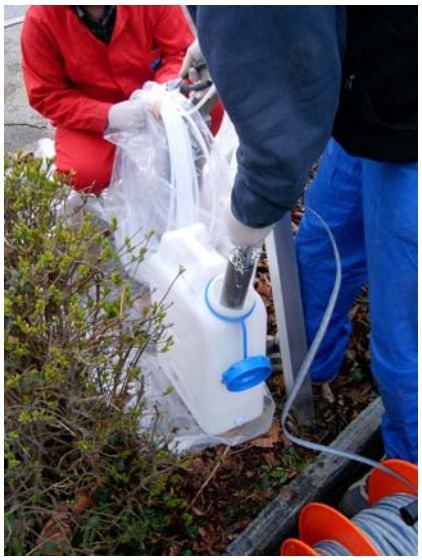
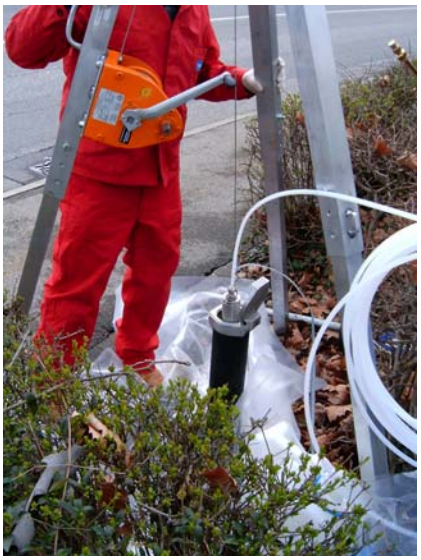
R E S U L T A T E

Dossier 03E52
September 2007

Gemeinde Muttenz





GRUNDWASSERUNTERSUCHUNG DEPONIEN MUTTENZ

Untersuchungsetappe II : Feldreben Screenings

Messkampagnen März, Juni und Juli 2006

1 Allgemeine Bemerkungen

Die Grundwasserproben wurden wie folgt analysiert:

- Einzelstoffanalytik gemäss Altlastenverordnung.
- “Screening” auf unbekannte Verbindungen mittels GC-MS.

Das Screening klärt dabei ab, ob weitere organische Spurenverunreinigungen vorliegen und in welchem Konzentrationsbereich. Es liefert somit Grundlagen für die Erweiterung der Liste der zu untersuchenden Einzelstoffe und deren Einsatz als mögliche “tracer”.

Die Screeningmethode weicht in Bezug auf Extraktionsmethode und Instrumentierung von derjenigen der Einzelstoffanalytik ab. Sie kann daher empfindlicher sein. Das Screening liefert zudem vollständige Massenspektren (“finger prints”) der unbekannten Verbindungen sowie Zusatzinformationen wie Retentionszeiten etc.

Die Screening-Methode sichert außerdem die Einzelstoffanalytik durch vollständige Massenspektren ab. Allerdings können Konzentrationen nur semi-quantitativ abgeschätzt werden, da stoffspezifische Responsfaktoren nicht berechnet werden können.

Alle Verbindungen, deren abgeschätzte Konzentration ca. 0,5 ug/l beträgt, wurden in das Screening-Verfahren einbezogen und deren tentative Identität so weit möglich bestimmt. Sie müssen aber noch mit Hilfe von Referenzverbindungen verifiziert werden, bevor in eine detaillierte Analytikliste aufgenommen werden können. Die in den Tabellen eingetragenen Verbindungen wurden von Prof. Dr. Michael Oehme überprüft.

Verbindungen, deren abgeschätzte Konzentration weniger als 0,5 ug/l betrugen, wurden nur in die Tabellen aufgenommen, wenn die Substanzen zusätzliche Informationen in Bezug auf mögliche Quellen ergeben können. So wurden zum Beispiel im Raum der Muttenzer Deponien an mehreren Probenahmestellen eine ganze Reihe von chlorierten Butadienen gefunden, die Abbauprodukte von Hexachlorbutadien sind und eine größere Mobilität im Grundwasser haben als das Ausgangsprodukt Hexachlorbutadien.

Die Verbindungen wurden in 3 Kategorien aufgeteilt:

1. **Rot** markiert: Eindeutig identifizierte Komponenten oder Isomere (inklusive Retentionszeit)
2. **Blau** markiert: Tentativ identifizierte Komponenten, eine weitere Absicherung der Identität wurde nicht vorgenommen.
3. **ohne** Farbe : unbekannte Komponenten

Folgende Abkürzungen wurden in den Tabellen verwendet:

"Mol weight”: Molekulargewicht

"< 0,15 µg/l": In Spuren vorhanden. Die Massenspektren dieser Verbindungen wurden manuell ausgewertet und bereinigt. Sie konnten dann mit einem großen Grad an Wahrscheinlichkeit an Hand ihres charakteristischen Massenspektrums tentativ identifiziert werden. Außerdem durften diese Verbindungen nicht in den Feld- und Laborblindproben auftreten.

RWB Laboratoire SA, Porrentruy den 14. September 2007

Jean-Louis Walther, Dipl. Kulturing. ETHZ

Untersuchungsetappe II Messkampagne März 2006

Probe 0962 – F1

cl0962a_F1	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**64%**
					Q-ISTD Recovery (Field Blank):	**54%**
				ID	Areas (X-Calibur) :	29'991'877
				TIC	Extract.-Std (Aniline-d5, Mass 98)	65'180'018
					Q-ISTD (Chlorododecane, Mass 91)	30'588'724
					Extract.-Std (Atrazine-d5, Mass 205)	24'982'530

Probe 0966 – F2h

cl0966a_F2h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**98%**
					Q-ISTD Recovery (Field Blank):	**64%**
				ID	***Areas** (X-Calibur) :*	45'527'463
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	57'029'608
					Q-ISTD (Chlorododecane, Mass 91)	43'211'144
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	29'977'872
201	5.67	**< 100**	112	C6H5Cl1	BENZENE, CHLORO-	Coelution
2780	14.22	**< 100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0964 – F2t

cl0964a_F2t	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**79%**
					Q-ISTD Recovery (Field Blank):	**65%**
				ID	Areas (X-Calibur) :	36'656'123
				TIC	Extract.-Std (Aniline-d5, Mass 98)	47'818'801
					Q-ISTD (Chlorododecane, Mass 91)	31'506'201
					Extract.-Std (Atrazine-d5, Mass 205)	30'460'808

Probe 0976- F3h

cl0976a_F3h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**80%**
					Q-ISTD Recovery (Field Blank):	**61%**
				ID	***Areas** (X-Calibur) :*	37484024
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	30'171'037
					Q-ISTD (Chlorododecane, Mass 91)	19'210'416
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	28'679'393
601	7.00	**< 200**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
644	7.14	*<= 150 ng/l*	146	C3H5Cl3	PROPANE, 1,2,3-TRICHLORO-	
1329	9.42	*300-500 ng/l*	157	C5H4Br1N1	BROMOPYRIDINE	
2983	14.91	*151-300 ng/l*	235	C5H3Br2N1	PYRIDINE, 2,5-DIBROMO-	or isomer
3164	15.52	*300-500 ng/l*			UNKNOWN_F3T BP 139 "PAH METHYLIERT MIT HETEROATOMEN"	
3480	16.57	*<= 150 ng/l*	188	C8H6CL2O1	ETHANONE, 1-(3,4-DICHLOROPHENYL)-	
5235	22.40	*151-300 ng/l*				Unknown BP 194, chlorinated
7208	28.96	*300-500 ng/l*			MU27_F3T BP 183	
8375	32.84	*1000-5000 ng/l*			UNKNOWN_F3H BP 55 "ALPHA-BETA UNGESÄTTIGTES KETON MIT ALKYLREST"	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0978 - F5P1

cl0978a_F5 P1	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**98%**
					Q-ISTD Recovery (Field Blank):	**99%**
				ID	***Areas** (X-Calibur) :*	45'770'452
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	87'268'068
					Q-ISTD (Chlorododecane, Mass 91)	45'481'231
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	46'287'982
257	5.85	<= *150 ng/l*			UNKNOWN BP 61	
371	6.23	<= *150 ng/l*			UNKNOWN BP 73	Dioxolan-Structure
3256	15.77	<= *150 ng/l*			UNKNOWN BP148	Metoxypropenylbenzene or isomer
3559	16.78	**25**	161	C6H5Cl2N1	BENZENAMINE, 2,4 & 2,5-DICHLORO-	
4620	20.29	<= *150 ng/l*			MU19_PW AUWEG BP 86	
4790	20.85	<= *150 ng/l*			MU18_PW AUWEG & HARD BP 172	
6117	25.24	<= *150 ng/l*			UNKNOWN BP 111	Chlorobenzenesulfonamide-Structure
7588	30.11	<= *150 ng/l*			UNKNOWN_F3T BP 72	Coelution 1334
7647	30.30	<= *150 ng/l*	256	S8	CYCLIC OCTAATOMIC SULFUR	
8933	34.56	<= *150 ng/l*	236	C15H12N2O1	CARBAMAZEPINE	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0970 – F5P2

cl0970a_F5 P2	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**99%**
					Q-ISTD Recovery (Field Blank):	**71%**
				ID	***Areas** (X-Calibur) :*	45'971'208
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	69'669'919
					Q-ISTD (Chlorododecane, Mass 91)	42'941'158
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	33'235'131
459	6.52	*300-500 ng/l*	100	C6H12O1	CYCLOHEXANOL	
513	6.70	*1000-5000 ng/l*	98	C6H10O1	CYCLOHEXANONE	
667	7.21	**200**	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
1751	10.79	**< 20**	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	or isomer
1794	10.94	**7'800**	234	C2Cl6	ETHANE, HEXACHLORO-	
2268	12.51	<= *150 ng/l*	114	C6H10O2	2-OXEPANONE	
2783	14.21	**< 100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
9306	35.80	*151-300 ng/l*	304	C20H32O2	13ALPHA-DELTA(8)-DIHYDROABIETIC ACID	Coelution
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1082 - F6

cl1082a_F6	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**108%**
					Q-ISTD Recovery (Field Blank):	**77%**
				ID	***Areas** (X-Calibur) :*	9'972'233
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	25'546'870
					Q-ISTD (Chlorododecane, Mass 91)	13'938'933
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	10'990'487
33	3.65	**17'000**	164	C2Cl4	TETRACHLOROETHENE	
145	5.85	**< 200**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
325	9.38	**< 20**	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	or isomer
330	9.48	**1'100**	234	C2Cl6	ETHANE, HEXACHLORO-	
392	10.69	<= *150 ng/l*	182	C6H15O4P1	TRIETHYL PHOSPHATE	Coelution
459	12.01	<= *150 ng/l*	180	C6H3Cl3	BENZENE, 1,2,4-TRICHLORO-	Coelution
498	12.77	**< 100**	180	C6H3Cl3	BENZENE, 1,3,5-TRICHLORO-	Coelution
500	12.81	**< 100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
829	19.27	<= *150 ng/l*			MU19_PW AUWEG BP 86	
858	19.84	<= *150 ng/l*			MU18_PW AUWEG & HARD BP 172	
885	20.37	*151-300 ng/l*	171	C7H9N1O2S1	METHANESULFANILIDE	Coelution
1090	24.39	*151-300 ng/l*	284	C6H12Cl3O4P1	TRI (2-CHLOROETHYL) PHOSPHATE	
1219	28.56	*300-500 ng/l*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	Compound with unclear origin
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0988 - F7

cl0988a_F7	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**87%**
					Q-ISTD Recovery (Field Blank):	**66%**
				ID	***Areas** (X-Calibur) :*	40'638'262
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	69'678'793
					Q-ISTD (Chlorododecane, Mass 91)	39'545'540
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	30'913'079
2047	11.78	*<= 150 ng/l*	182	C6H15O4P1	TRIETHYL PHOSPHATE	
4059	18.44	*501-1000 ng/l*	226	C14H26O2	5-DECYNE-4,7-DIOL, 2,4,7,9-TETRAMETHYL-	
6888	27.81	*300-500 ng/l*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	Compound with unclear origin
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:6 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0986 - F8

cl0986a_F8	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**66%**
					Q-ISTD Recovery (Field Blank):	**78%**
				ID	***Areas** (X-Calibur) :*	30'925'832
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	60'142'716
					Q-ISTD (Chlorododecane, Mass 91)	40'807'819
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	36'290'274
600	6.99	**< 200**	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
901	7.98	*<= 150 ng/l*	110	C6H10N2	1H-PYRAZOLE, 1,3,5-TRIMETHYL-	or isomer
1329	9.40	*<= 150 ng/l*	157	C5H4Br1N1	PYRIDINE, 2-BROMO-	or isomer
1722	10.70	**< 50**	234	C2CL6	ETHANE, HEXACHLORO-	Coelution
2471	13.18	*<= 150 ng/l*	180	C6H3CL3	BENZENE, 1,2,4-TRICHLORO-	Coelution
2701	13.94	**< 100**	180	C6H3CL3	BENZENE, 1,3,5-TRICHLORO-	Coelution
3557	16.77	**87**	161	C6H5Cl2N1	BENZENAMINE, 2,4 & 2,5-DICHLORO-	
7257	29.01	*1000-5000 ng/l*	200	C8H12N2O2S1	BENZENESULFONAMIDE, 4-AMINO-N-ETHYL-	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:8 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0980 - F10

cl0980a_F10	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**93%**
					Q-ISTD Recovery (Field Blank):	**76%**
				ID	***Areas** (X-Calibur) :*	43'171'272
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	46'434'761
					Q-ISTD (Chlorododecane, Mass 91)	32'831'400
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	35'654'673
2247	12.44	**< 10**	122	C8H10O1	PHENOL, 2,6-DIMETHYL-	
4411	19.60	*151-300 ng/l*	220	C14H20O2	2,5-CYCLOHEXADIENE-1,4-DIONE, 2,6-BIS(1,1-DIMETHYLETHYL)-	
6897	27.82	*300-500 ng/l*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	Compound with unclear origin
7646	30.30	*<= 150 ng/l*	256	S8	SCHWEFEL (S8)	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1080 - F11

cl1080a_F11	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**115%**
					Q-ISTD Recovery (Field Blank):	**113%**
				ID	***Areas** (X-Calibur) :*	53'638'193
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	107'065'701
					Q-ISTD (Chlorododecane, Mass 91)	57'496'821
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	52'504'206
418	6.38	**< 200**	250	C1H1BR3	METHANE, TRIBROMO-	
1679	10.56	**< 20**	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
5563	23.41	**368**	187	C6H10CL1N5	DESETHYLATRAZINE	
6085	25.14	**55**	215	C8H14Cl1N5	ATRAZINE	
6258	25.71	*<= 150 ng/l*	213	C10H15N1O2S1	BENZENESULFONAMIDE, N-BUTYL-	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

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Probe 0972 - F5P5

cl0972a_F5P5	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**109%**
					Q-ISTD Recovery (Field Blank):	**71%**
				ID	***Areas** (X-Calibur) :*	50'961'893
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	86'631'020
					Q-ISTD (Chlorododecane, Mass 91)	44'087'972
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	33'010'829
665	7.20	**200**	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
1806	10.98	**22'000**	234	C2CL6	ETHANE, HEXACHLORO-	
2780	14.20	**1'100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
4694	20.53	*<= 150 ng/l*				Unknown BP 86
4863	21.09	*<= 150 ng/l*			MU18_PW AUWEG & HARD BP 172	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1078 - 21C81

cl1078a_21C81	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**117%**
					Q-ISTD Recovery (Field Blank):	**95%**
				ID	***Areas** (X-Calibur) :*	54'551'320
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	88'597'902
					Q-ISTD (Chlorododecane, Mass 91)	49'522'618
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	44'401'901
1678	10.56	**< 20**	190	C4H2CL4	1,3-BUTADIENE, 1,1,3,4-TETRACHLORO-	or isomer
2706	13.96	**< 100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
4780	20.83	*<= 150 ng/l*			MU18_PW AUWEG & HARD BP 172	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:8 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0984 - 21C230

cl0984a_21C230	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**102%**
					Q-ISTD Recovery (Field Blank):	**103%**
				ID	***Areas** (X-Calibur) :*	47'611'256
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	51'588'414
					Q-ISTD (Chlorododecane, Mass 91)	56'430'360
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	48'243'605
6100	25.68	**364**	215	C8H14Cl1N5	ATRAZINE	
6963	28.61	**764**	241	C10H19N5S1	PROMETRYNE	
7256	29.60	*<= 150 ng/l*	208	C14H8O2	9,10-ANTHRACENEDIONE	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:8 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1076 - 21C231

cl1076a_21C231	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**82%**
					Q-ISTD Recovery (Field Blank):	**99%**
				ID	***Areas** (X-Calibur) :*	38'096'924
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	39'942'002
					Q-ISTD (Chlorododecane, Mass 91)	53'528'273
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	46'153'953
416	6.41	**< 200**	250	C1H1Br3	METHANE, TRIBROMO-	
615	7.08	*<= 150 ng/l*	268	C1H2I2	METHANE, DIIODO-	
6922	28.46	**200**	227	C9H17N5S1	AMETRYNE	
6957	28.58	**250**	241	C9H17N5S1	1,3,5-TRIAZIN-2,4-DIAMIN, N,N'-DIISOPROPYL-6-METHYLTHIO- (PROMETRYN)	Prometryne
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:8 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

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Probe 0968 - 21C232

cl0968a_21 C232	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**105%**
					Q-ISTD Recovery (Field Blank):	**77%**
				ID	***Areas** (X-Calibur) :*	49'066'512
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	83'584'223
					Q-ISTD (Chlorododecane, Mass 91)	42'802'793
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	36'117'039
665	7.20	**< 200**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
1398	9.63	*<= 150 ng/l*	157	C5H4BR1N1	2-BROMPYRIDIN	or isomer
1750	10.79	**< 20**	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0974 - 21C236

cl0974a_21 C236	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**70%**
					Q-ISTD Recovery (Field Blank):	**50%**
				ID	***Areas** (X-Calibur) :*	17'871'269
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	57'179'128
					Q-ISTD (Chlorododecane, Mass 91)	25'114'267
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	30'736'596
5568	23.42	**510**	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
6092	25.15	**63**	215	C8H14CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-	Atrazine
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1196 - 21E25

cl1196a_21 E25	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**131%**
					Q-ISTD Recovery (Field Blank):	**114%**
				ID	***Areas** (X-Calibur) :*	14'641'256
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	35'189'007
					Q-ISTD (Chlorododecane, Mass 91)	16'873'380
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	10'630'478
33	3.65	**2'500**	164	C2Cl4	TETRACHLOROETHENE	
557	13.93	*<= 150 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer, coelution
641	15.58	*<= 150 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
980	22.24	**< 100**	210	C10H14N2O3	APROBARBITAL	
992	22.47	**121**	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1008	22.79	*<= 150 ng/l*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1102	24.63	*<= 150 ng/l*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1268	27.89	*151-300 ng/l*	283	C15H22Cl1N1O2	METOLACHLOR	Metolachlor
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1074 - 21E3

cl1074a_21 E3	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**77%**
					Q-ISTD Recovery (Field Blank):	**95%**
				ID	***Areas** (X-Calibur) :*	35'900'049
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	85'637'813
					Q-ISTD (Chlorododecane, Mass 91)	44'098'559
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	44'140'888
602	6.99	**< 200**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
1689	10.59	**< 20**	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
1731	10.73	**19'000**	234	C2Cl6	ETHANE, HEXACHLORO-	
4785	20.83	*<= 150 ng/l*			MU18_PW AUWEG & HARD BP 172	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1196 - 21E25

cl1196a_21 E25	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**131%**
					Q-ISTD Recovery (Field Blank):	**114%**
				ID	***Areas** (X-Calibur) :*	14'641'256
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	35'189'007
					Q-ISTD (Chlorododecane, Mass 91)	16'873'380
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	10'630'478
33	3.65	**2'500**	164	C2Cl4	TETRACHLOROETHENE	
557	13.93	*<= 150 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer, coelution
641	15.58	*<= 150 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
980	22.24	**< 100**	210	C10H14N2O3	APROBARBITAL	
992	22.47	**121**	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1008	22.79	*<= 150 ng/l*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1102	24.63	*<= 150 ng/l*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1268	27.89	*151-300 ng/l*	283	C15H22Cl1N1O2	METOLACHLOR	Metolachlor
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 0982 - 21P3h

cl0982a_21 P3h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**125%**
					Q-ISTD Recovery (Field Blank):	**86%**
				ID	***Areas** (X-Calibur) :*	58'356'166
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	76'824'846
					Q-ISTD (Chlorododecane, Mass 91)	39'726'124
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	40'284'074
605	7.00	**< 200**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
6095	25.17	**74**	215	C8H14N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-	Atrazine
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

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Probe 2148 - F1

Cl2148a_F1 Scan #a	Ret. Time min.	ng/l (Area)	MW	Formula	Name	Comment
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
44	3.59	**16'000**	164	C2Cl4	TETRACHLOROETHYLENE	
1343	21.03	*<= 150 ng/l*			UNKNOWN BP 167	
1627	24.85	*501-1000 ng/l*	215	C8H14Cl1N5	ATRAZINE	Coelution
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2150 – F2t

Cl2150a_F2t Scan #a	Ret. Time min.	ng/l (Area)	MW	Formula	Name	Comment
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
44	3.59	**14'000**	164	C2Cl4	TETRACHLOROETHYLENE	
489	9.57	**1'600**	234	C2Cl6	ETHANE, HEXACHLORO-	
888	14.92	*<= 150 ng/l*			UNKNOWN BP 147	Unknown BP 147
1589	24.34	*300-500 ng/l*			UNKNOWN BP 107	α-(methylpropoxy)-α-phenyl-benzylalcohol, or isomer
1609	24.61	*501-1000 ng/l*				Unknowns
1627	24.85	*1000-5000 ng/l*	215	C8H14Cl1N5	ATRAZINE	
1673	25.46	*501-1000 ng/l*	213	C10H15N1O2S1	BENZENESULFONAMIDE, N-BUTYL-	
2545	37.17	*300-500 ng/l*	278	C18H15O1P1	TRIPHENYL PHOSPHINE OXIDE	or similar structure
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2152 – F2h

Cl2152a_F2h Scan #a	Ret. Time min.	ng/l (Area)	MW	Formula	Name	Comment
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
44	3.59	**49'000**	164	C2Cl4	TETRACHLOROETHYLENE	
489	9.57	**9'300**	234	C2CL6	ETHANE, HEXACHLORO-	
746	13.02	**100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2154 – F5P5

CI2154a_F5 P5	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
44	3.59	**14'000**	164	C2Cl4	TETRACHLOROETHYLENE	
211	5.83	**400**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
483	9.49	*<= 150 ng/l*	190	C4H2Cl4	MUT_R1_UNKNOWN 1_KAMP I__1,3-BUTADIENE, 1,1,4,4-TETRACHLORO- (OR ISOMER)	
490	9.58	**16'000**	234	C2CL6	ETHANE, HEXACHLORO-	
745	13.00	**100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
1246	19.73	*<= 150 ng/l*			UNKNOWN PW AUWEG BP 86	
1288	20.29	*<= 150 ng/l*			UNKNOWN_PW AUWEG & HARD BP 172	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2204 – 21P3h

CI2204a_21 P3h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
39	3.52	**1'200**	164	C2Cl4	TETRACHLOROETHYLENE	
1268	20.03	*151-300 ng/l*	191	C12H17N1O1	MU3_M2_BP 56	
1485	22.94	*<= 150 ng/l*	187	C6H10Cl1N5	DESETHYLATRAZINE	
1604	24.54	*<= 150 ng/l*	201	C7H12Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-DIETHYL-	
1665	25.36	*151-300 ng/l*			UNKNOWN BP 93	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2206 – 21E3 (Florinbrunnen)

CI2206a_21 E3	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
38	3.51	**8'200**	164	C2Cl4	TETRACHLOROETHYLENE	
205	5.75	**200**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
476	9.39	**< 20**	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
483	9.49	**14'000**	234	C2CL6	ETHANE, HEXACHLORO-	
738	12.91	**100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
1184	18.90	*<= 150 ng/l*	172	C6H5CL1N2O2	BENZENAMINE, 2-CHLORO-5-NITRO-	or isomer
1238	19.62	*<= 150 ng/l*			MU19_PW AUWEG BP 86	
1280	20.19	*<= 150 ng/l*			UNKNOWN BP 45	
1328	20.83	*<= 150 ng/l*	171	C7H9N1O2S1	METHANESULFANILIDE	Coelution
1485	22.94	*<= 150 ng/l*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1841	27.72	*<= 150 ng/l*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)- (PROMETRYNE)	
1904	28.57	*<= 150 ng/l*	283	C15H22Cl1N1O2	METOLACHLOR	
2357	34.65	*<= 150 ng/l*	236	C15H12N2O1	CARBAMAZEPINE	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2208 – 21E25

CI2208a_21E25	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
38	3.51	**2'000**	164	C2Cl4	TETRACHLOROETHYLENE	
827	14.10	*<= 150 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
906	15.17	*151-300 ng/l*	194	C7H5CL3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
954	15.81	*<= 150 ng/l*	194	C7H5CL3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
1268	20.03	*<= 150 ng/l*	191	C12H17N1O1	MU3_M2_BP 56	
1469	22.72	*300-500 ng/l*	210	C10H14N2O3	APROBARBITAL	
1488	22.98	*151-300 ng/l*	189	C7H5Cl2N1O1	BENZAMIDE, 2,6-DICHLORO-	or isomer
1509	23.26	*151-300 ng/l*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1581	24.23	*<= 150 ng/l*			UNKNOWN BP 168	
1604	24.54	*<= 150 ng/l*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	Simazine
1652	25.18	*<= 150 ng/l*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1709	25.95	*<= 150 ng/l*	225	C10H19N5O1	SECBUMETON	
1902	28.54	*<= 150 ng/l*	283	C15H22Cl1N1O2	METOLACHLOR	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2210 – F4h

CI2210a_F4h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
1432	22.23	*<= 150 ng/l*	169	C12H11N1	DIPHENYLAMINE	
1487	22.97	*151-300 ng/l*	189	C7H5Cl2N1O1	BENZAMIDE, 2,6-DICHLORO-	or isomer
1507	23.24	*151-300 ng/l*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1603	24.53	*<= 150 ng/l*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	Simazine
1652	25.18	*<= 150 ng/l*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1708	25.93	*<= 150 ng/l*	225	C10H19N5O1	SECBUMETON	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2212 – F3h

CI2212a_F3h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
39	3.52	**56'000**	164	C2Cl4	TETRACHLOROETHYLENE	
204	5.74	**1'800**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
214	5.87	*300-500 ng/l*	146	C3H5Cl3	PROPANE, 1,2,3-TRICHLORO-	
385	8.17	*501-1000 ng/l*	157	C5H4BR1N1	PYRIDIN, 2-BROMO-	or isomer
809	13.86	*300-500 ng/l*	235	C5H3Br2N1	PYRIDINE, 2,5-DIBROMO-	or isomer
862	14.57	*501-1000 ng/l*			UNKNOWN_F3T BP 139 "PAH METHYLIERT MIT HETERATOMEN"	579
938	15.60	*300-500 ng/l*	188	C8H6Cl2O1	2,6-DICHLOROACETOPHENONE	or isomer
1226	19.46	*151-300 ng/l*			UNKNOWN BP 139	
1395	21.73	*300-500 ng/l*	209	C11H12Cl1N1O1	UNKNOWN_F3T_BP 194 (OR ISOMER)	
1424	22.12	*501-1000 ng/l*	211	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	Chlorobenzoyl partial structure, also in Bonfol_SG19b_B3269
1944	29.10	*501-1000 ng/l*			UNKNOWN BP 72	
2006	29.94	*501-1000 ng/l*			UNKNOWN_F3T BP 72	
2209	33.55	*1000-5000 ng/l*			UNKNOWN_F3H BP 55 "ALPHA-BETA UNGESÄTTIGTES KETON MIT ALKYLREST"	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2216 – 21C232

CI2216a_21 C232	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
38	3.51	**2'500**	164	C2Cl4	TETRACHLOROETHYLENE	
474	9.37	**< 20**	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	or isomer
481	9.46	**400**	234	C2Cl6	ETHANE, HEXACHLORO-	
738	12.91	**< 100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
1238	19.62	*<= 150 ng/l*			MU19_PW AUWEG BP 86	
1279	20.18	*<= 150 ng/l*			MU18_PW AUWEG & HARD BP 172	
1327	20.82	*<= 150 ng/l*	171	C7H9N1O2S1	METHANESULFANILIDE	
1484	22.93	*151-300 ng/l*	187	C6H10Cl1N5	DESETHYLATRAZINE	
1841	27.72	*<= 150 ng/l*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	Prometryne
1902	28.54	*151-300 ng/l*	283	C15H22Cl1N1O2	METOLACHLOR	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2218 – F3t

CI2218a_F3 t	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	
					Q-ISTD (Chlorododecane, Mass 91)	
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	
38	3.51	**9'200**	164	C2Cl4	TETRACHLOROETHYLENE	
205	5.75	**< 200**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
385	8.17	*151-300 ng/l*	157	C5H4BR1N1	PYRIDIN, 2-BROMO-	or isomer
846	14.36	*300-500 ng/l*	154		MU24_F3T BP 112	
862	14.57	*151-300 ng/l*			UNKNOWN_F3T BP 139 "PAH METHYLIERT MIT HETERATOMEN"	
939	15.61	*<= 150 ng/l*	188	C8H6Cl2O1	2,6-DICHLOROACETOPHENONE	or isomer
1395	21.73	*<= 150 ng/l*	209	C11H12Cl1N1O1	UNKNOWN_F3T_BP 194 (OR ISOMER)	
1425	22.13	*<= 150 ng/l*	211	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	Chlorobenzoyl partial structure, also in Bonfol_SG19b_B3269
1487	22.97	*151-300 ng/l*	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine, coelution
1800	27.17	*151-300 ng/l*			MU28_F3T BP 145 "DICHLOROBENZENE PARTIAL STRUCTURE"	
1923	28.82	*151-300 ng/l*			MU27_F3T BP 183	
2209	32.66	*151-300 ng/l*			UNKNOWN_F3H BP 55 "ALPHA-BETA UNGESÄTTIGTES KETON MIT ALKYLREST"	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

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Probe 2951 - F1

cl2951a_F1	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**87%**
					Q-ISTD Recovery (Field Blank):	**91%**
				ID	***Areas** (X-Calibur) :*	8'653'613
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	11'612'575
					Q-ISTD (Chlorododecane, Mass 91)	8'240'077
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	5'342'032
1229	19.50	*<= 150 ng/l*	220	C15H24O1	PHENOL, 2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL-	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:8 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2955 - F2h

cl2955a_F2h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**112%**
					Q-ISTD Recovery (Field Blank):	**107%**
				ID	Areas (X-Calibur) :	10'167'247
				TIC	Extract.-Std (Aniline-d5, Mass 98)	13'513'928
					Q-ISTD (Chlorododecane, Mass 91)	10'682'527
					Extract.-Std (Atrazine-d5, Mass 205)	6'408'383

Probe 2957 - F3h

cl2957a_F3h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**117%**
					Q-ISTD Recovery (Field Blank):	**111%**
				ID	Areas (X-Calibur) :	10'586'718
				TIC	Extract.-Std (Aniline-d5, Mass 98)	13'809'378
					Q-ISTD (Chlorododecane, Mass 91)	11'076'412
					Extract.-Std (Atrazine-d5, Mass 205)	6'820'841

Probe 2975 - F3t

cl2975a_F3t	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**94%**
					Q-ISTD Recovery (Field Blank):	**95%**
				ID	Areas (X-Calibur) :	9'027'358
				TIC	Extract.-Std (Aniline-d5, Mass 98)	13'685'813
					Q-ISTD (Chlorododecane, Mass 91)	8'884'776
					Extract.-Std (Atrazine-d5, Mass 205)	7'286'325

Probe 2979 - F4h

cl2979a_F4h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**85%**
					Q-ISTD Recovery (Field Blank):	**85%**
				ID	***Areas** (X-Calibur) :*	8'080'845
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	16'145'973
					Q-ISTD (Chlorododecane, Mass 91)	8'069'276
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	5'427'267
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2977 - F5

cl2977a_F5 P1	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a+	min.	(Area)				
					Q-ISTD Recovery (sample):	**84%**
					Q-ISTD Recovery (Field Blank):	**96%**
				ID	***Areas** (X-Calibur) :*	9'096'810
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	15'543'653
					Q-ISTD (Chlorododecane, Mass 91)	7'945'065
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	5'206'366
456	9.12	**< 20**	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
658	11.84	**< 100**	180	C6H3CL3	BENZENE, 1,2,4-TRICHLORO-	
718	12.64	**< 100**		C4CL6	HEXACHLOROBUTADIENE	
945	15.69	**46**	161	C6H5Cl2N1	BENZENAMINE, 2,4 & 2,5-DICHLORO-	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2982 - F5P5

cl2982a_F5P5	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**87%**
					Q-ISTD Recovery (Field Blank):	**86%**
				ID	Areas (X-Calibur) :	8'137'542
				TIC	Extract.-Std (Aniline-d5, Mass 98)	16514899
					Q-ISTD (Chlorododecane, Mass 91)	8235676
					Extract.-Std (Atrazine-d5, Mass 205)	5567708

Probe 2988 - F6

cl2988b_F6	Ret. Time	ng/l	MW	Formula	Name	Comment+
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**48%**
					Q-ISTD Recovery (Field Blank):	**56%**
				ID	***Areas** (X-Calibur) :*	5'336'350
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	6'251'068
					Q-ISTD (Chlorododecane, Mass 91)	4'595'938
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	5'301'483
21	3.28	**32'000**	164	C2Cl4	TETRACHLOROETHYLENE	
852	14.44	*151-300 ng/l*	147	C8H9N3	2H-INDAZOL-3-AMINE, 2-METHYL-	
935	15.56	**25**	161	C6H5Cl2N1	BENZENAMINE, 2,4 & 2,5-DICHLORO-	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2984 - F7

cl2984a_F7	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**82%**
					Q-ISTD Recovery (Field Blank):	**82%**
				ID	Areas (X-Calibur) :	7'819'417
				TIC	Extract.-Std (Aniline-d5, Mass 98)	18'218'640
					Q-ISTD (Chlorododecane, Mass 91)	7'798'613
					Extract.-Std (Atrazine-d5, Mass 205)	6'207'449

Probe 2990 - F8

cl2990b_F8	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #	min.	(Area)				
					Q-ISTD Recovery (sample):	**71%**
					Q-ISTD Recovery (Field Blank):	**62%**
				ID	***Areas** (X-Calibur) :*	5'879'642
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	3'794'605
					Q-ISTD (Chlorododecane, Mass 91)	6'736'777
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	5'843'669
22	3.30	**20'000**	164	C2Cl4	TETRACHLOROETHYLENE	
185	5.48	**< 200**	166	C2H2Cl4	1,1,2,2-TETRACHLOROETHANE	
205	5.75	*151-300 ng/l*	113	C5H4Cl1N1	PYRIDINE, 2-CHLORO-	
331	7.44	**< 100**	146	C6H4Cl2	BENZENE, 1,3-DICHLORO-	
349	7.69	**<100**	146	C6H4CL2	BENZENE, 1,4-DICHLORO-	
363	7.87	*501-1000 ng/l*	157	C5H4BR1N1	PYRIDIN, 2-BROMO-	or isomer
380	8.10	**< 100**	146	C6H4Cl2	BENZENE, 1,2-DICHLORO-	
560	10.52	**72**	127	C6H6CL1N1	BENZENAMINE, 2-CHLORO-	
575	10.72	*300-500 ng/l*			ETHANE, 1,1,2,2-TETRAETHOXY-	smaller homolog
652	11.76	*300-500 ng/l*	180	C6H3CL3	BENZENE, 1,2,4-TRICHLORO-	not in blank
710	12.53	**< 100**	180	C6H3Cl3	BENZENE, 1,3,5-TRICHLORO-	
797	13.70	*300-500 ng/l*	136	C7H8N2O1	BENZENAMINE, N-METHYL-N-NITROSO-	
935	15.56	**2'221**	161	C6H5Cl2N1	BENZENAMINE, 2,4 & 2,5-DICHLORO-	
962	15.92	**54**	161	C6H5CL2N1	BENZENAMINE, 2,3-DICHLORO-	Coelution
994	16.35	*501-1000 ng/l*	145	C8H7N3	QUINAZOLIN-6-YLAMINE	or isomer
1027	16.79	*300-500 ng/l*	156	C7H8O2S1	BENZENE, (METHYLSULFONYL)-	or isomer
1067	17.33	*501-1000 ng/l*			UNKNOWN BP 91	
1153	18.48	*300-500 ng/l*	220	C14H20O2	2,5-CYCLOHEXADIEN-1,4-DION, 2,6-BIS(1,1-DIMETHYLETHYL)-	
1207	19.21	*501-1000 ng/l*	174	C7H7CL1O1S1	1-CHLORO-4-(METHYLSULFINYL) BENZENE	or isomer
1241	19.67	*1000-5000 ng/l*			UNKNOWN BP 77	
1254	19.84	*1000-5000 ng/l*			UNKNOWN BP 166	
1258	19.89	*1000-5000 ng/l*	152	C7H5Cl1N2	CHLOROBENZIMIDAZOLE	Coelution
1329	20.85	*1000-5000 ng/l*			UNKNOWN BP 109	chlorinated
1347	21.09	*501-1000 ng/l*	171	C7H9N1O2S1	4-AMINOPHENYL METHYL SULFONE	Coelution, or isomer
1399	21.79	*1000-5000 ng/l*			UNKNOWN BP 109	chlorinated
1416	22.02	*1000-5000 ng/l*			UNKNOWN BP 125	Isomer of Methylsulfonylbenzyl chloride
1441	22.35	*1000-5000 ng/l*			UNKNOWN BP 89	Isomer of Methylsulfonylbenzyl chloride
1517	23.37	*1000-5000 ng/l*			UNKNOWN BP 126	chlorinated
1528	23.52	*1000-5000 ng/l*			UNKNOWN BP 125	chlorinated
1546	23.76	*1000-5000 ng/l*			UNKNOWN BP 144	chlorinated
1624	24.81	*1000-5000 ng/l*			UNKNOWN BP 175	chlorinated
1921	28.80	*1000-5000 ng/l*			UNKNOWN BP 72	
1982	29.62	*1000-5000 ng/l*			UNKNOWN_F3T BP 72	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2986 - F9

Cl2986b_F9	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**58%**
					Q-ISTD Recovery (Field Blank):	**92%**
				ID	***Areas** (X-Calibur) :*	8'732'674
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	9'649'419
					Q-ISTD (Chlorododecane, Mass 91)	5'553'558
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	5'672'224
185	5.48	**700**	166	C2H2CL4	ETHANE, 1,1,2,2-TETRACHLORO-	
801	13.76	*300-500 ng/l*	194	C7H5CL3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
859	14.53	*<= 150 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
880	14.82	*300-500 ng/l*	194	C7H5CL3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
927	15.45	*<= 150 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
1033	16.87	*<= 150 ng/l*	208	C8H7CL3	BENZENE, TRICHLORO-1,3-DIMETHYL-	or isomer
1085	17.57	*<= 150 ng/l*	208	C8H7Cl3	BENZENE, 1,4-DICHLORO-2-(1-CHLOROETHYL)-	Coelution, or isomer
1150	18.44	*151-300 ng/l*	228	C7H4Cl4	BENZENE, 1,2,4-TRICHLORO-5-(CHLOROMETHYL)-	or isomer
1174	18.76	*1000-5000 ng/l*	208	C7H3Cl3O1	2,3,6-TRICHLOROBENZALDEHYDE	or isomer
1266	20.00	*1000-5000 ng/l*			UNKNOWN BP 111	chlorinated , 3 chloroatoms
1423	22.11	*<= 150 ng/l*			UNKNOWN BP 173	
1446	22.42	*151-300 ng/l*			UNKNOWN BP 167	Coelution
1461	22.62	**29**	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1484	22.93	*300-500 ng/l*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1557	23.91	*151-300 ng/l*			UNKNOWN BP 168	
1627	24.85	*300-500 ng/l*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1685	25.63	*151-300 ng/l*	225	C10H19N5O1	SECBUMETON	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3012 - F10

CI3012a_F10	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**61%**
					Q-ISTD Recovery (Field Blank):	**112%**
				ID	***Areas** (X-Calibur) :*	10'678'745
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	7'893'294
					Q-ISTD (Chlorododecane, Mass 91)	5'802'861
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	6'787'411
1799	27.16	*300-500 ng/l*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	Compound with unclear origin
3242	46.53	*501-1000 ng/l*			UNKNOWN BP 191	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3014 - F11

CI3014a_F11	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**84%**
					Q-ISTD Recovery (Field Blank):	**86%**
				ID	***Areas** (X-Calibur) :*	8'168'051
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	14'457'942
					Q-ISTD (Chlorododecane, Mass 91)	8'026'341
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	8'705'525
1458	22.58	**143**	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1799	27.16	*<= 150 ng/l*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	Compound with unclear origin, trace in blank
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3008 - 21C232

cl3008b_21C232	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**72%**
					Q-ISTD Recovery (Field Blank):	**63%**
				ID	***Areas** (X-Calibur) :*	5'940'222
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	12'968'740
					Q-ISTD (Chlorododecane, Mass 91)	6'886'252
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	7'400'851
22	3.30	**4'300**	164	C2Cl4	TETRACHLOROETHYLENE	
457	9.14	**400**	234	C2Cl6	ETHANE, HEXACHLORO-	
712	12.56	**< 100**	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
1458	22.58	**168**	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1815	27.37	**15**	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	Prometryne
1876	28.19	*151-300 ng/l*	283	C15H22Cl1N1O2	METOLACHLOR	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 2959 - 21E3

cl2959a_21E3	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**93%**
					Q-ISTD Recovery (Field Blank):	**81%**
				ID	Areas (X-Calibur) :	7'702'483
				TIC	Extract.-Std (Aniline-d5, Mass 98)	10'233'364
					Q-ISTD (Chlorododecane, Mass 91)	8'824'746
					Extract.-Std (Atrazine-d5, Mass 205)	6'001'035

Probe 3010 - 21E25

Cl3010a_21 E25	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**78%**
					Q-ISTD Recovery (Field Blank):	**75%**
				ID	***Areas** (X-Calibur) :*	7'129'334
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	13'458'816
					Q-ISTD (Chlorododecane, Mass 91)	7'440'945
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	8'834'583
18	3.24	**4'800**	164	C2Cl4	TETRACHLOROETHYLENE	
178	5.39	**< 200**	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
789	13.59	*<= 150 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
809	13.86	*<= 150 ng/l*	154		MU24_F3T BP 112	
868	14.65	*<= 150 ng/l*	194	C7H5CL3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
1228	19.49	*<= 150 ng/l*	191	C12H17N1O1	MU3_M2_BP 56	
1432	22.23	**1'500**	210	C10H14N2O3	2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)	Aprobarbital
1470	22.74	*151-300 ng/l*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1543	23.72	*<= 150 ng/l*			UNKNOWN BP 168	
1612	24.64	*<= 150 ng/l*	229	C9H16CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1,1-DIMETHYLETHYL)-N'-ETHYL- (TERBUTYLAZINE)	Terbuthylazine
1669	25.41	*<= 150 ng/l*	225	C10H19N5O1	SECBUMETON	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3006 - 21P3h

cl3006b_21 P3h	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**61%**
					Q-ISTD Recovery (Field Blank):	**76%**
				ID	***Areas** (X-Calibur) :*	7'194'519
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	7'839'708
					Q-ISTD (Chlorododecane, Mass 91)	5'789'447
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	5'886'697
1242	19.68	*151-300 ng/l*	191	C12H17N1O1	MU3_M2_BP 56	
1443	22.38	**200**	210	C10H14N2O3	APROBARBITAL	
1459	22.59	**104**	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1511	23.29	**< 100**	224	C11H16N2O3	BUTALBITAL	
1637	24.98	*300-500 ng/l*	200	C8H12N2O2S1	MU14_M2_BP 93 (OR ISOMER)	Coelution
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

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Probe 1284 - F3t_T0

cl1284a_F3t_T0	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**118%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	30680983
					Q-ISTD (Chlorododecane, Mass 91)	15347610
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	13020674
33	3.67	*524*	164	C2CL4	ETHENE, TETRACHLORO-	
145	5.95	*95*	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
265	8.40	*226*	157	C5H4N1Br1	BROMOPYRIDINE	
325	9.62	*119*	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
352	10.17	*T*	190	C4H2Cl4	TETRACHLOROBUTADIENE	
558	14.36	*115*	194	C7H5CL3	TRICHLOROTOLUENE	
569	14.59	*159*	154		UNKNOWN_F3T_BP 112	
580	14.81	*192*	154		UNKNOWN_F3T_BP 139	
604	15.30	*69*	142	C11H10	METHYLNAPHTHALENE	
611	15.44	*T*	194	C7H5CL3	TRICHLOROTOLUENE	Coelution
631	15.85	*126*			UNKNOWN_F3T_T1_BP 173	
631	15.85	*126*	188	C8H6Cl2O1	DIBROMOANILINE	
642	16.07	*27*	194	C7H5CL3	TRICHLOROTOLUENE	
743	18.13	*64*			UNKNOWN_F3T_BP 125	
753	18.33	*76*			UNKNOWN_F3T_BP 164	
829	19.88	*49*			UNKNOWN PW AUWEG_BP 86	
857	20.45	*84*			UNKNOWN PW AUWEG & HARD_BP 172	
877	20.86	*66*	190	C7H7Cl1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	
888	21.08	*125*	171	C7H9N1O2S1	METHANESULFANILIDE	
933	22.00	*85*	209	C11H12Cl1N1O1	UNKNOWN_F3T_BP 194	
948	22.31	*82*			UNKNOWN_F3T_BP 58	
953	22.41	*80*	429	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	Bonfol, Roemisloch
958	22.51	*35*	169	C12H11N1	DIPHENYLAMINE_BP 302°C_D. 1,158	
981	22.98	*129*	210	C10H14N2O3	APROBARBITAL	
992	23.20	*194*	187	C6H10Cl1N5	DESETHYLATRAZINE	
1007	23.51	*194*			UNKNOWN	2 compounds
1199	27.42	*198*			UNKNOWN_F3T_BP 145	chlorinated
1229	28.03	*97*	241	C10H19N5S1	PROMETRYNE	
1270	28.86	*165*	283	C15H22Cl1N1O2	METOLACHLOR	
1282	29.11	*188*			UNKNOWN_F3T_BP 183	
1337	30.23	*177*			UNKNOWN_F3T_BP 72	
1472	32.98	*213*	309		UNKNOWN_F3H_BP 55	
1510	33.75	*267*			UNKNOWN_F3T_BP 228	
1570	34.97	*173*	236	C15H12N2O1	CARBAMAZEPINE	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1285 - F3t_T1

cl1285a_F3t_T1	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**97%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	29051215
					Q-ISTD (Chlorododecane, Mass 91)	12593527
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	9907036
33	3.67	*2'157*	164	C2CL4	ETHENE, TETRACHLORO-	
145	5.96	*144*	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
265	8.40	*227*	157	C5H4Br1N1	BROMOPYRIDINE	
325	9.62	*180*	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
352	10.17	*T*	190	C4H2CL4	TETRACHLOROBUTADIENE	
395	11.05	*T*	190	C4H2CL4	TETRACHLOROBUTADIENE	Coelutiom
500	13.19	*57*	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
569	14.60	*172*			UNKNOWN_F3T BP 112	
580	14.82	*261*			UNKNOWN_F3T BP 139	
632	15.88	*136*			UNKNOWN_F3T_T1 BP 173	
642	16.08	*40*	194	C7H5Cl3	TRICHLOROTOLUENE	
829	19.89	*49*			UNKNOWN PW AUWEG BP 86	
844	20.20	*70*	266	C12H27O4P1	TRIBUTYL PHOSPHATE	
857	20.47	*115*			UNKNOWN PW AUWEG & HARD BP 172	
877	20.87	*95*	190	C7H7Cl1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	
886	21.06	*135*	171	C7H9N1O2S1	METHANESULFANILIDE	Coelution
934	22.03	*99*	209	C11H12Cl1N1O1	UNKNOWN_F3T BP 194	
948	22.32	*86*			UNKNOWN_F3T BP 58	
953	22.42	*47*	211	C10H10Cl1N1O2	UNKNOWN_F3T BP 139	Bonfol, Roemisloch
958	22.52	*90*	169	C12H11N1	DIPHENYLAMINE	
982	23.01	*T*	210	C10H14N2O3	APROBARBITAL	
991	23.20	*181*	187	C6H10Cl1N5	DESETHYLATRAZINE	
1007	23.52	*185*			UNKNOWN_F3T BP 185	
1200	27.46	*228*			UNKNOWN_F3T BP 145	
1201	27.48	*228*	175	C6H3Cl2N1O1	2,6-DICHLORONITROSOBENZENE	
1218	27.82	*165*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	
1229	28.05	*102*	241	C10H19N5S1	PROMETRYNE	
1270	28.88	*132*	283	C15H22Cl1N1O2	METOLACHLOR	
1282	29.13	*265*			UNKNOWN_F3T BP 183	
1337	30.25	*175*			UNKNOWN_F3T BP 72	
1471	32.98	*329*			UNKNOWN_F3H BP 55	
1508	33.73	*273*			UNKNOWN_F3T BP 228	
1570	35.00	*T*	236	C15H12N2O1	CARBAMAZEPINE	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1292 - F3t_T2

cl1292a_F3 t_T2	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**96%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	22348061
					Q-ISTD (Chlorododecane, Mass 91)	12410194
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	8909696
34	3.69	*1'469*	164	C2Cl4	TETRACHLOROETHYLENE	
266	8.42	*179*	157	C5H4Br1N1	BROMOPYRIDINE	
321	9.54	*389*	120	C8H8O1	ACETOPHENONE	
325	9.62	*52*	189	C4H2CL3	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
	3.00	*57*			Hexachloroethane	
352	10.17	*131*	190	C4H2CL4	Tetrachlorobutadiene	
395	11.04	*T*	190	C4H2CL4	Tetrachlorobutadiene	
500	13.18	*57*	258	C4Cl6	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	
520	13.59	*183*			Unknown_F3t BP 82	
536	13.92	*235*			Unknown_F3t BP 59	
570	14.61	*195*			Unknown_F3t BP 112	
582	14.85	*164*			Unknown_F3t BP 139	
632	15.87	*118*			Unknown_F3t_T1 BP 173	
829	19.88	*58*			Unknown PW Auweg BP 86	
858	20.47	*101*			Unknown PW Auweg & Hard BP 172	
877	20.86	*40*	190	C7H7Cl1O2S1	Benzene, 1-chloro-4-(methylsulfonyl)-	
885	21.02	*161*	171	C7H9N1O2S1	Methanesulfanilide	
934	22.02	*116*	209	C11H12Cl1N1O1	Unknown_F3t BP 194	
949	22.33	*87*			Unknown_F3t BP 58	
954	22.43	*73*	211	C10H10Cl1N1O2	Unknown_F3t BP 139	Bonfol, Roemisloch
982	23.00	*117*	210	C10H14N2O3	Aprobarbital	
992	23.20	*182*	187	C6H10Cl1N5	Desethylatrazine	
1007	23.51	*118*			Unknown_F3t BP 185	
1200	27.44	*196*			Unknown_F3t BP 145	
1218	27.80	*125*	276	C17H24O3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione	
1230	28.05	*225*	241	C10H19N5S1	Prometryne	
1270	28.86	*250*	283	C15H22Cl1N1O2	Metolachlor	
1283	29.13	*149*			Unknown_F3t BP 183	
1337	30.23	*144*			Unknown_F3t BP 72	
1472	32.98	*254*			Unknown_F3h BP 55	
1511	33.77	*281*			Unknown_F3t BP 228	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1293 - F3t_T3

cl1293a_F3 t_T3	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**87%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	21085721
					Q-ISTD (Chlorododecane, Mass 91)	11214517
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	7865572
33	3.67	*522*	164	C2CL4	ETHENE, TETRACHLORO-	
266	8.42	*196*	157	C5H4Br1N1	PYRIDINE, 2-BROMO-	
325	9.62	*166*	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
500	13.19	*52*	258	C4CL6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
734	17.95	*250*	226	C14H26O2	5-DECYNE-4,7-DIOL, 2,4,7,9-TETRAMETHYL-	or isomer
780	18.89	*88*	162	C10H10O2	ETHANONE, 1,1'-(1,4-PHENYLENE)BIS-	or isomer
885	21.03	*128*	171	C7H9N1O2S1	METHANESULFANILIDE	
984	23.05	*111*	210	C10H14N2O3	APROBARBITAL	
991	23.19	*143*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1053	24.45	*59*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1230	28.06	*152*	241	C10H19N5S1	PROMETRYNE	
1270	28.87	*228*	283	C15H22Cl1N1O2	METOLACHLOR	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1300 - F3t_T4

cl1300a_F3t_T4	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**91%**
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	22608468
					Q-ISTD (Chlorododecane, Mass 91)	11813411
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	7693071
33	3.67	*406*	164	C2Cl4	TETRACHLOROETHYLENE	
265	8.40	*328*	157	C5H4Br1N1	PYRIDINE, 2-BROMO-	
320	9.52	*226*	120	C8H8O1	ETHANONE, 1-PHENYL-	or isomer
324	9.60	*51*	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
540	14.00	*322*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
581	14.84	*125*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	or isomer
631	15.86	*99*	188	C9H10CL2	BENZENE, 1,2-DICHLORO-4-(1-METHYLETHYL)-	or isomer
641	16.06	*44*	194	C7H5CL3	BENZENE, 2,4-DICHLORO-1-(CHLOROMETHYL)-	or isomer
805	19.40	*2'200*	178	C11H14O2	ETHANONE, 1-[4-(1-HYDROXY-1-METHYLETHYL)PHENYL]-	or isomer
884	21.01	*116*	171	C7H9N1O2S1	METHANESULFANILIDE	
991	23.19	*157*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
983	23.03	*111*	210	C10H14N2O3	APROBARBITAL	
1052	24.43	*46*	212	C15H16O1	PHENYL O-ISOPROPYLPHENYL ETHER	or isomer
1228	28.02	*127*	241	C10H19N5S1	PROMETRYNE	
1269	28.86	*171*	283	C15H22Cl1N1O2	METOLACHLOR	
1569	34.97	*133*	236		CARBAMAZEPINE	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1301 - F3t_T5

cl1301a_F3t_T5	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**92%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	22601228
					Q-ISTD (Chlorododecane, Mass 91)	11968817
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	7440656
33	3.67	*341*	164	C2CL4	ETHENE, TETRACHLORO-	
266	8.42	*162*	157	C5H4BR1N1	BROMOPYRIDINE	
321	9.54	*121*	120	C8H8O1	ACETOPHENONE	
570	14.61	*137*	154	C8H10O3	3-ACETOXY-2,4-DIMETHYL-FURAN	or isomer
583	14.87	*156*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	or isomer
734	17.95	*219*	226	C14H26O2	5-DECYNE-4,7-DIOL, 2,4,7,9-TETRAMETHYL-	or isomer
781	18.90	*64*	162	C10H10O2	ETHANONE, 1,1'-(1,4-PHENYLENE)BIS-	or isomer
886	21.04	*129*	171	C7H9N1O2S1	METHANESULFANILIDE	
985	23.06	*127*	226	C13H22O3	CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL-, METHYL ESTER	or isomer
992	23.20	*138*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1053	24.44	*85*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1071	24.81	*83*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	Simazine
1087	25.14	*117*	229	C9H16CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-BIS(1-METHYLETHYL)-	Propazine
1200	27.44	*214*	146	C5H3CL1O1S1	2-THIOPHENECARBOXALDEHYDE, 5-CHLORO- (8CI9CI)	or isomer
1229	28.03	*120*	241	C10H19N5S1	PROMETRYNE	
1270	28.86	*130*	283	C15H22Cl1N1O2	METOLACHLOR	
1569	34.95	*157*	236	C15H12N2O1	CARBAMAZEPINE	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1345 - F3t_T6

cl1345a_F3 t_T6	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**113%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	26326113
					Q-ISTD (Chlorododecane, Mass 91)	14699416
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	10231640
33	3.67	*915*	164	C2CL4	ETHENE, TETRACHLORO-	
265	8.40	*157*	157	C5H4BR1N1	BROMOPYRIDINE	
321	9.54	*120*	120	C8H8O1	ETHANONE, 1-PHENYL-	
325	9.62	*116*	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
500	13.18	*114*	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
541	14.02	*247*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	
570	14.61	*112*	196	C9H12N2O3	PYRAZOL-5-OL, 1-ACETYL-3,4-DIMETHYL-, ACETATE (ESTER)	
571	14.63	*144*	112	C6H8S1	THIOPHENE, 2,4-DIMETHYL-	
581	14.83	*115*	154	C10H18O1	2H-PYRAN, TETRAHYDRO-4-METHYL-2-(2-METHYL-1-PROPENYL)-	
583	14.87	*115*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	
612	15.46	*102*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	
642	16.07	*40*	194	C7H5Cl3	BENZENE, 1,2-DICHLORO-4-(CHLOROMETHYL)-	
886	21.04	*113*	171	C7H9N1O2S1	METHANESULFANILIDE	
992	23.20	*118*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	
1008	23.53	*78*	186	C12H10S1	BENZENE, 1,1'-THIOBIS-	
1045	24.28	*77*	180	C14H12	4A,10-DIHYDROBENZ[A]AZULENE	
1053	24.44	*50*	212	C15H16O1	PHENOL, 4-(1-METHYL-1-PHENYLETHYL)-	
1224	27.93	*139*	227	C9H17N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N-ETHYL-N'-(1-METHYLETHYL)-6-(METHYLTHIO)-	
1229	28.03	*114*	241	C10H19N5S1	PROMETRYNE	
1270	28.86	*159*	283	C15H22Cl1N1O2	METOLACHLOR	
1568	34.93	*267*	236	C15H12N2O1	CARBAMAZEPINE	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1346 - F3t_T7

cl1346a_F3 t_T7	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**105%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	25193236
					Q-ISTD (Chlorododecane, Mass 91)	13650555
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	8415672
33	3.67	*1'202*	164	C2CL4	ETHENE, TETRACHLORO-	
266	8.42	*153*	157	C5H4Br1N1	PYRIDINE, 2-BROMO-	
298	9.07	*137*	161	C7H6F3N1	BENZENEAMINE, 3-(TRIFLUOROMETHYL)-	
325	9.62	*123*	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
500	13.19	*109*	258	C4Cl6	1,3-BUTADIENE, 1,1,2,3,4,4-HEXACHLORO-	
612	15.47	*115*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	
642	16.08	*59*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	
886	21.06	*117*	171	C7H9N1O2S1	METHANESULFANILIDE	
877	20.87	*60*	190	C7H7Cl1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	
992	23.22	*121*	187	C6H10Cl1N5	DESETHYLATRAZINE	
1229	28.05	*118*	241	C10H19N5S1	PROMETRYNE	
1270	28.88	*169*	283	C15H22Cl1N1O2	METOLACHLOR	
1489	33.34	*196*	286	C12H8Cl2O2S1	BENZENE, 1,1'-SULFONYLBIS[4-CHLORO-	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1225 - F4h_T0

cl1226b_F4h_T0	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**112%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	13'522'083
					Q-ISTD (Chlorododecane, Mass 91)	7'175'192
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	6'975'591
32	3.65	*465*	164	C2Cl4	TETRACHLOROETHYLENE	
320	9.52	*162*	120	C8H8O1	ACETOPHENONE	or isomer
472	12.61	*511*	162	C8H18O3	ETHANOL, 2-(2-BUTOXYETHOXY)-	or isomer
511	13.41	*332*	138	C8H10O2	ETHANOL, 2-PHENOXY-	or isomer
535	13.89	*180*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
734	17.95	*251*	226	C14H26O2	2,4,7,9-TETRAMETHYL-5-DECYN-4,7-DIOL	or isomer
806	19.41	*2'283*	178	C11H14O2	ETHANONE, 1-[4-(1-HYDROXY-1-METHYLETHYL)PHENYL]-	or isomer
985	23.06	*332*	226	C13H22O3	CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL-, METHYL ESTER	or isomer
994	23.24	*256*	189	C7H5Cl2N1O1	BENZAMIDE, 2,6-DICHLORO-	or isomer
1012	23.61	*268*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1058	24.55	*104*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1104	25.48	*158*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1149	26.40	*630*	270	C17H34O2	ISOPROPYL MYRISTATE	or isomer
1267	28.80	*317*	256	C16H32O2	HEXADECANOIC ACID	or isomer
1283	29.13	*386*	256	C16H32O2	N-BUTYL LAURATE	or isomer
1430	32.12	*199*	290	C18H26O3	ZIMTSAEURE, 4-METHOXY-, 2-ETHYLHEXYLESTER	or isomer
1547	34.50	*285*	290	C18H26O3	2-PROPENOIC ACID, 3-(4-METHOXYPHENYL)-, 2-ETHYLHEXYL ESTER	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1225 - F4h_T1

cl1225b_F4h_T1	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**121%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	11'472'149
					Q-ISTD (Chlorododecane, Mass 91)	7781640
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	6'664'309
32	3.65	*532*	164	C2CL4	ETHENE, TETRACHLORO-	
320	9.52	*120*	120	C8H8O1	ETHANON, 1-PHENYL-	or isomer
472	12.61	*367*	162	C8H18O3	ETHANOL, 1-(2-BUTOXYETHOXY)-	or isomer
511	13.41	*179*	138	C8H10O2	ETHANOL, 2-PHENOXY-	or isomer
541	14.02	*263*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
536	13.92	*152*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
850	20.31	*185*	191	C11H13N1O2	2,2,6-TRIMETHYL-1,4-BENZOXAZIN-3(2H)-ONE	or isomer
887	21.06	*70*	196	C12H20S1	THIOPHENE, 2,5-DIBUTYL-	or isomer
982	23.00	*225*	210	C10H14N2O3	2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)	or isomer
994	23.24	*186*	189	C7H5Cl2N1O1	BENZAMIDE, 2,6-DICHLORO-	or isomer
1012	23.61	*188*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1081	25.01	*3'070*	215	C8H14Cl1N5	ATRAZINE	
1149	26.40	*312*	270	C17H34O2	ISOPROPYL MYRISTATE	or isomer
1397	31.45	*180*	202	C16H10	PYRENE	
1547	34.50	*312*	290	C18H26O3	2-ETHYLHEXYL TRANS-4-METHOXYCINNAMATE	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1224 - F4h_T2

cl1224b_0_ F4h_T2	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**67%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	4'010'516
					Q-ISTD (Chlorododecane, Mass 91)	1'362'211
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	2'451'764
32	3.65	*828*	164	C2CL4	ETHENE, TETRACHLORO-	
299	9.09	*553*	108	C7H8O1	PHENOL, 4-METHYL-	or isomer
320	9.52	*535*	120	C8H8O1	ACETOPHENON	or isomer
396	11.06	*238*	127	C6H6Cl1N1	O-CHLOROANILINE	
733	17.93	*770*	226	C14H26O2	2,4,7,9-TETRAMETHYL-5-DECYN-4,7-DIOL	or isomer
787	19.03	*518*	220	C15H24O1	PHENOL, 2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL-	or isomer
958	22.51	*216*	169	C12H11N1	DIPHENYLAMIN	or isomer
981	22.98	*449*	210	C10H14N2O3	2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)	
1010	23.57	*1'498*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1053	24.44	*2'065*	212	C15H16O1	NAPHTHALIN, 2-ACETYL-6-ISOPROPYL-	or isomer
1104	25.48	*284*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1149	26.40	*961*	270	C17H34O2	ISOPROPYL MYRISTATE	or isomer
1267	28.80	*514*	256	C16H32O2	HEXADECANSAEURE	or isomer
1284	29.15	*2'680*	256	C16H32O2	DODECANOIC ACID, BUTYL ESTER	or isomer
1320	29.88	*610*	298	C19H38O2	ISOPROPYL PALMITATE	or isomer
1547	34.50	*1'536*	290	C18H26O3	2-PROPENOIC ACID, 3-(4-METHOXYPHENYL)-, 2-ETHYLHEXYL ESTER	or isomer
1675	37.11	*1'539*	240	C10H18Cl2O2	DICHLOROACETIC ACID, 2-ETHYLHEXYL ESTER	or isomer
1695	37.52	*1'954*	278	C16H22O4	1,2-BENZENEDICARBOXYLIC ACID, MONO(2-ETHYLHEXYL) ESTER	or isomer
1696	37.54	*2'000*	390	C24H38O4	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1232 - F4h_T3

cl1232b_F4 h_T3	Ret. Time	ng/l	MW	Formula	Name	Spectrum
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**75%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	5139040
					Q-ISTD (Chlorododecane, Mass 91)	2283395
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	1425596
28	3.57	*1'034*	164	C2Cl4	TETRACHLOROETHYLENE	
320	9.52	*411*	206	C12H14O3	5-BENZOYLPENTANOIC ACID	
981	22.98	*445*	210	C10H14N2O3	2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)	
982	23.00	*445*	210	C10H14N2O3	2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)	
1048	24.34	*264*	212	C16H20	2,6-DIISOPROPYLNAPHTHALENE	
1081	25.01	*927*	215	C8H14CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-	
1150	26.42	*570*	270	C17H34O2	TETRADECANSAEURE, ISOPROPYLESTER	
1293	29.33	*248*	459	C15H10Cl5N1O3S1	BENZAMIDE, 2,4-DICHLORO-N-(2,2,2,-TRICHLORO-1-PHENYLSULFONYLETHYL)-	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1233 - F4h_T4

cl1233b_F4h_T4	Ret. Time	ng/l	MW	Formula	Name	Spectrum
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**247%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	14887627
					Q-ISTD (Chlorododecane, Mass 91)	7512066
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	4612432
32	3.65	*411*	164	C2Cl4	TETRACHLOROETHYLENE	
320	9.52	*146*	120	C8H8O1	ETHANON, 1-PHENYL-	or isomer
511	13.41	*179*	138	C8H10O2	ETHANOL, 2-PHENOXY-	or isomer
631	15.85	*163*	162	C10H10S1	BENZO[B]THIOPHENE, 2,4-DIMETHYL-	or isomer
733	17.93	*341*	226	C14H26O2	2,4,7,9-TETRAMETHYL-5-DECYN-4,7-DIOL	
981	22.98	*401*	210	C10H14N2O3	APROBARBITAL	or isomer
995	23.26	*220*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	or isomer
1012	23.61	*204*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	or isomer
1025	23.87	*148*	224	C11H16N2O3	N-ALLYLBARBITAL	or isomer
1058	24.55	*128*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1081	25.01	*370*	215	C8H14N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-	
1104	25.48	*112*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1111	25.62	*261*	178	C14H10	PHENANTHRENE	
1164	26.70	*158*	194	C8H10N4O2	COFFEIN	
1191	27.25	*152*	228	C14H12O3	BENZALDEHYDE, 3-HYDROXY-4-BENZYLOXY-	or isomer
1232	28.09	*69*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	
1320	29.88	*247*	298	C19H38O2	ISOPROPYL PALMITATE	or isomer
1410	31.71	*364*	282	C18H34O2	9-OCTADECENOIC ACID (Z)-	or isomer
1429	32.10	*236*	290	C18H26O3	2-PROPENOIC ACID, 3-(4-METHOXYPHENYL)-, 2-ETHYLHEXYL ESTER	or isomer
1489	33.32	*185*	174	C8H8CL2	BENZENE, 1,3-DICHLORO-2-ETHYL-	or isomer
1495	33.44	*229*	402	C20H34O8	TRIBUTYL ACETYLCITRATE	or isomer
1547	34.50	*768*	290	C18H26O3	2-PROPENOIC ACID, 3-(4-METHOXYPHENYL)-, 2-ETHYLHEXYL ESTER	or isomer
1674	37.09	*573*	192	C9H17Cl1O2	DL-2-ETHYLHEXYL CHLOROFORMATE	or isomer
1694	37.50	*676*	278	C16H22O4	1,2-BENZENEDICARBOXYLIC ACID, MONO(2-ETHYLHEXYL) ESTER	or isomer
1954	42.79	*699*	470	C27H50O6	GLYCEROL TRICAPRYLATE	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1238 - F4h_T5

cl1238b_F4h_T5	Ret. Time	ng/l	MW	Formula	Name	Spectrum
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**115%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	8877553
					Q-ISTD (Chlorododecane, Mass 91)	3502900
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	4867871
32	3.65	*835*	164	C2CL4	ETHENE, TETRACHLORO-	
320	9.52	*236*	120	C8H8O1	ACETOPHENONE	
472	12.61	*509*	162	C8H18O3	ETHANOL, 1-(2-BUTOXYETHOXY)-	
733	17.93	*712*	226	C14H26O2	5-DECYNE-4,7-DIOL, 2,4,7,9-TETRAMETHYL-	
980	22.96	*613*	210	C10H14N2O3	APROBARBITAL	
985	23.06	*191*	226	C13H22O3	CYCLOPENTANEACETIC ACID, 3-OXO-2-PENTYL-, METHYL ESTER	
992	23.20	*325*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	
1008	23.53	*267*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1024	23.85	*299*	224	C11H16N2O3	BUTALBITAL	
1052	24.42	*176*	212	C16H20	2,6-DIISOPROPYLNAPHTHALENE	
1070	24.79	*166*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	
1086	25.12	*341*	229	C9H16CL1N5	2,4-BIS-(ISOPROPYLAMINO)-6-CHLOR-1,3,5-TRIAZIN	
1103	25.46	*260*	229	C9H16CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1,1-DIMETHYLETHYL)-N'-ETHYL- (TERBUTYLAZINE)	
1217	27.78	*201*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	
1229	28.03	*234*	241	C10H19N5S1	1,3,5-TRIAZIN-2,4-DIAMIN, N,N'-DIISOPROPYL-6-METHYLTHIO- (PROMETRYN)	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1237 - F9_T0

cl1237b_F9_T0	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**117%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	20508712
					Q-ISTD (Chlorododecane, Mass 91)	10489315
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	7955076
33	3.67	*601*	164	C2CL4	ETHENE, TETRACHLORO-	
145	5.95	*204*	166	C2H2CL4	ETHANE, 1,1,2,2-TETRACHLORO-	
512	13.43	*210*	138	C8H10O2	ETHANOL, 2-PHENOXY-	or isomer
535	13.89	*204*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
558	14.36	*205*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
597	15.16	*62*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
642	16.07	*118*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	or isomer
687	16.99	*92*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-5-METHOXY-	or isomer
691	17.07	*49*	208	C8H7CL3	BENZENE, TRICHLOROETHYL-	or isomer
712	17.50	*88*	208	C8H7CL3	BENZENE, TRICHLORO-1,3-DIMETHYL-	or isomer
733	17.93	*217*	226	C14H26O2	5-DECYNE-4,7-DIOL, 2,4,7,9-TETRAMETHYL-	or isomer
790	19.09	*145*	228	C7H4Cl4	BENZENE, 1-CHLORO-2-(TRICHLOROMETHYL)-	or isomer
816	19.62	*104*	210	C7H5CL3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
865	20.62	*179*	210	C7H5CL3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
942	22.18	*75*	242	C8H6CL4	BENZENE, 1,2,3,5-TETRACHLORO-4,6-DIMETHYL-	or isomer
953	22.41	*121*	268	C13H7Cl1F2O2	2-CHLOROBENZOIC ACID, 3,5-DIFLUOROPHENYL ESTER	or isomer
981	22.98	*179*	210	C10H14N2O3	APROBARBITAL	
992	23.20	*144*	187	C6H10CL1N5	DESETHYLATRAZINE	
1008	23.53	*251*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1070	24.79	*103*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	
1081	25.01	*173*	215	C8H14CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-	
1103	25.46	*167*	229	C9H16CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1,1-DIMETHYLETHYL)-N'-ETHYL- (TERBUTYLAZINE)	
1142	26.26	*100*	225	C10H19N5O1	SECBUMETON	
1217	27.78	*207*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	or isomer
1265	28.76	*265*	256	C16H32O2	HEXADECANSAEURE	or isomer
1545	34.46	*343*	178	C14H10	PHENANTHREN	
1687	37.35	*322*	278	C18H15O1P1	TRIPHENYLPHOSPHINE OXIDE	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1236 - F9_T1

cl1236c_F9_T1	Ret. Time	ng/l	MW	Formula	Name	Spectrum
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**75%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	12953512
					Q-ISTD (Chlorododecane, Mass 91)	6765942
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	6694389
31	3.63	*714*	164	C2CL4	ETHENE, TETRACHLORO-	or isomer
143	5.91	*173*	166	C2H2CL4	ETHANE, 1,1,2,2-TETRACHLORO-	or isomer
534	13.87	*216*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
557	14.34	*253*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
595	15.12	*126*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	or isomer
640	16.03	*67*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	or isomer
685	16.95	*112*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-3-METHOXY-	or isomer
711	17.48	*102*	208	C8H7CL3	BENZENE, TRICHLORO-1,3-DIMETHYL-	or isomer
865	20.62	*178*	210	C7H5Cl3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
983	23.02	*196*	226	C13H22O3	1-CYCLOPENTANON, 3-(METHOXYCARBONYLMETHYL)-2-PENTYL-	or isomer
1001	23.38	*93*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1006	23.49	*215*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	or isomer
1009	23.55	*253*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	or isomer
1051	24.40	*192*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1069	24.77	*123*	201	C7H12CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-DIETHYL-	or isomer
1102	25.44	*197*	229	C9H16Cl1N5	TERBUTHYLAZINE	or isomer
1140	26.22	*120*	225	C10H19N5O1	2-(SEC, BUTYLAMINO)-4-ETHYLAMINO-6-METHOXY-1,3,5-TRIAZINE	or isomer
1141	26.24	*120*	225	C10H19N5O1	SECBUMETON	or isomer
1147	26.36	*555*	270	C17H34O2	ISOPROPYL MYRISTATE	or isomer
1216	27.76	*180*	276	C17H24O3	7,9-DI-TERT-BUTYL-1-OXASPIRO(4,5)DECA-6,9-DIENE-2,8-DIONE	or isomer
1264	28.74	*324*	256	C16H32O2	HEXADECANSAEURE	or isomer
1281	29.09	*329*	256	C16H32O2	DODECANOIC ACID, BUTYL ESTER	or isomer
1318	29.84	*244*	298	C19H38O2	HEXADECANOIC ACID, 1-METHYLETHYL ESTER	or isomer
1395	31.41	*199*	202	C16H10	PYRENE	or isomer
1427	32.06	*278*	290	C18H26O3	2-PROPENOIC ACID, 3-(4-METHOXYPHENYL)-, 2-ETHYLHEXYL ESTER	or isomer
1673	37.07	*635*	202	C11H22O3	METHOXYACETIC ACID, 2-ETHYLHEXYL ESTER	or isomer
1685	37.31	*463*	304	C20H17O1P1	FORMYLMETHYLENETRIPHENYLPHOSPHORANE	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1239 - F9_T2

cl1239a_F9_T2	Ret. Time	ng/l	MW	Formula	Name	Spectrum
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**173%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	29469130
					Q-ISTD (Chlorododecane, Mass 91)	15538377
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	8839665
33	3.67	*2'647*	164	C2Cl4	TETRACHLOROETHYLENE	
144	5.93	*183*	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
320	9.52	*51*	120	C8H8O1	ACETOPHENONE	or isomer
325	9.62	*101*	190	C4H2Cl4	1,3-BUTADIENE, 1,1,4,4-TETRACHLORO-	
458	12.33	*76*	180	C6H3CL3	BENZENE, 1,2,4-TRICHLORO-	
497	13.12	*99*	180	C6H3CL3	BENZENE, 1,3,5-TRICHLORO-	
558	14.36	*202*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
597	15.16	*130*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
642	16.07	*96*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
687	16.99	*76*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-3-METHOXY-	or isomer
712	17.50	*92*	208	C8H7CL3	BENZENE, TRICHLORO-1,3-DIMETHYL-	or isomer
747	18.21	*40*	208	C8H7CL3	BENZENE, TRICHLORO-1,3-DIMETHYL-	or isomer
779	18.86	*39*	162	C10H10O2	ETHANONE, 1,1'-(1,4-PHENYLENE)BIS-	or isomer
790	19.09	*120*	228	C7H4CL4	BENZENE, 1,2,4-TRICHLORO-5-(CHLOROMETHYL)-	or isomer
838	20.07	*88*	206	C14H22O1	PHENOL, 2,6-BIS(1,1-DIMETHYLETHYL)-	or isomer
850	20.31	*65*	149	C10H15N1	2-ISOPROPYL-6-METHYLANILINE	or isomer
844	20.19	*30*	434	C24H51O4P1	PHOSPHORIC ACID, TRIS(2-ETHYLHEXYL) ESTER	or isomer
866	20.64	*115*	210	C6H4CL2O2S1	BENZENESULFONYL CHLORIDE, 4-CHLORO-	or isomer
953	22.41	*105*	210	C10H7Cl1O3	P-CHLOROBENZOYLACRYLIC ACID	or isomer
970	22.75	*37*	173	C6H4Cl1N1O3	4-CHLORO-2-NITROPHENOL	or isomer
982	23.00	*146*	210	C10H14N2O3	APROBARBITAL	
993	23.22	*102*	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	
1008	23.53	*196*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1053	24.44	*89*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1071	24.81	*121*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	or isomer
1103	25.46	*155*	229	C9H16CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1,1-DIMETHYLETHYL)-N'-ETHYL- (TERBUTYLAZINE)	
1141	26.24	*106*	225	C10H19N5O1	SECBUMETON	
1229	28.03	*94*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	
1254	28.54	*82*	260	C9H13BR1N2O2	2,4(1H,3H)-PYRIMIDINEDIONE, 5-BROMO-6-METHYL-3-(1-METHYLPROPYL)-	or isomer
1687	37.35	*356*	278	C18H15O1P1	PHOSPHINOXYD, TRIPHENYL-	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1280 - F9_T3

cl1280a_F9_T3	Ret. Time	ng/l	MW	Formula	Name	Spectrum
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**90%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	15861557
					Q-ISTD (Chlorododecane, Mass 91)	8099032
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	5758075
32	3.65	*2'978*	164	C2CL4	ETHENE, TETRACHLORO-	
143	5.91	*185*	166	C2H2CL4	ETHANE, 1,1,2,2-TETRACHLORO-	
264	8.38	*182*	157	C5H4N1BR1	PYRIDINE, 2-BROMO-	or isomer
328	9.68	*283*	234	C2Cl6	ETHANE, HEXACHLORO-	
319	9.50	*159*	147	C9H9N1O1	ACETONITRIL, 2-HYDROXY-2-PHENYL-	or isomer
387	10.88	*106*	160	C7H6Cl2	BENZENE, 1,3-DICHLORO-2-METHYL-	or isomer
540	14.00	*277*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
557	14.34	*201*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
595	15.12	*167*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	or isomer
640	16.03	*153*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
685	16.95	*91*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-3-METHOXY-	or isomer
691	17.07	*75*	208	C8H7CL3	BENZENE, TRICHLOROETHYL-	or isomer
745	18.17	*96*	222	C9H9CL3	BENZENE, 1,3,5-TRICHLORO-2-(1-METHYLETHYL)-	or isomer
775	18.78	*106*	163	C7H5N3S1	PYRIDO[2,3-D]PYRIDAZINE-5(6H)-THIONE	or isomer
865	20.62	*148*	210	C7H5Cl3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
979	22.94	*147*	210	C10H14N2O3	2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)	
991	23.18	*114*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	
1007	23.51	*235*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1046	24.30	*74*	212	C16H20	2,6-DIISOPROPYLNAPHTHALENE	or isomer
1052	24.42	*66*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1069	24.77	*120*	201	C7H12Cl1N5	S-TRIAZINE, 2-CHLORO-4,6-BIS(ETHYLAMINO)-	or isomer
1102	25.44	*131*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1140	26.22	*129*	225	C10H19N5O1	ETAZIN	or isomer
1227	27.99	*123*	241	C10H19N5S1	1,3,5-TRIAZIN-2,4-DIAMIN, N,N'-DIISOPROPYL-6-METHYLTHIO- (PROMETRYN)	
1269	28.84	*121*	283	C15H22Cl1N1O2	METOLACHLOR	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1281 - F9_T4

cl1281b_0_F9_T4	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**110%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	21985794
					Q-ISTD (Chlorododecane, Mass 91)	9872730
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	7035039
32	3.65	*3'476*	164	C2Cl4	TETRACHLOROETHYLENE	
143	5.91	*199*	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
264	8.38	*154*	157	C5H4N1BR1	PYRIDINE, 2-BROMO-	
328	9.68	*185*	234	C2Cl6	ETHANE, HEXACHLORO-	
319	9.50	*118*	120	C8H8O1	ACETOPHENONE	
387	10.88	*70*	160	C7H6Cl2	BENZENE, 1,4-DICHLORO-2-METHYL-	
388	10.90	*50*	160	C7H6Cl2	BENZENE, 1,4-DICHLORO-2-METHYL-	
457	12.31	*44*	180	C6H3CL3	1,2,4-TRICHLOROBENZENE	
540	14.00	*270*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	
557	14.34	*212*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	
580	14.81	*105*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	
596	15.14	*60*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	
683	16.91	*52*	208	C8H7CL3	BENZENE, TRICHLOROETHYL-	
686	16.97	*60*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-3-METHOXY-	
691	17.07	*69*	208	C8H7CL3	BENZENE, TRICHLOROETHYL-	
746	18.19	*51*	208	C8H7CL3	BENZENE, TRICHLORO-1,3-DIMETHYL-	
834	19.98	*97*	220	C15H24O1	PHENOL, 2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL-	
850	20.31	*90*	149	C10H15N1	2-ISOPROPYL-6-METHYLANILINE	
866	20.64	*123*	210	C7H5Cl3O1	O-CRESOL, 3,4,6-TRICHLORO-	
953	22.41	*102*	212	C10H9Cl1O3	3-(4-CHLOROBENZOYL)PROPIONIC ACID	
980	22.96	*115*	210	C10H14N2O3	APROBARBITAL	
991	23.18	*95*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	
1007	23.51	*181*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1070	24.79	*59*	201	C7H12Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-DIETHYL-	
1103	25.46	*122*	229	C9H16Cl1N5	TERBUTHYLAZINE	
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1282 - F9_T5

cl1282a_0_ F9_T5	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**149%**
				ID	***Areas** (X-Calibur) **:***	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	26310205
					Q-ISTD (Chlorododecane, Mass 91)	13350023
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	8313924
32	3.65	*3'760*	164	C2CL4	ETHENE, TETRACHLORO-	
144	5.93	*195*	166	C2H2CL4	ETHANE, 1,1,2,2-TETRACHLORO-	
265	8.40	*148*	157	C5H4Br1N1	PYRIDINE, 2-BROMO-	or isomer
320	9.52	*89*	120	C8H8O1	ACETOPHENONE	or isomer
329	9.70	*248*	234	C2Cl6	ETHANE, HEXACHLORO-	
389	10.92	*73*	160	C7H6CL2	BENZENE, 1,3-DICHLORO-2-METHYL-	or isomer
459	12.35	*38*	180	C6H3CL3	BENZENE, 1,2,4-TRICHLORO-	
541	14.02	*298*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
558	14.36	*245*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
581	14.83	*132*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	or isomer
597	15.16	*61*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
611	15.44	*433*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
642	16.07	*124*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
687	16.99	*71*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-3-METHOXY-	or isomer
747	18.21	*63*	208	C8H7CL3	BENZENE, 1,2-DICHLORO-4-(1-CHLOROETHYL)-	or isomer
789	19.07	*115*	228	C7H4Cl4	BENZENE, 1,2,4-TRICHLORO-5-(CHLOROMETHYL)-	or isomer
844	20.19	*47*	266	C12H27O4P1	PHOSPHORIC ACID, TRIBUTYL ESTER	or isomer
866	20.64	*159*	210	C6H4Cl2O2S1	3-CHLOROBENZENESULFONYL CHLORIDE	or isomer
868	20.68	*147*	210	C7H5Cl3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
953	22.41	*99*	210	C10H7Cl1O3	P-CHLOROBENZOYLACRYLIC ACID	or isomer
983	23.02	*137*	210	C10H14N2O3	APROBARBITAL	
993	23.22	*151*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	
1008	23.53	*200*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1071	24.81	*108*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	
1087	25.14	*176*	229	C9H16CL1N5	2,4-BIS-(ISOPROPYLAMINO)-6-CHLOR-1,3,5-TRIAZIN	or isomer
1103	25.46	*162*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1141	26.24	*102*	225	C10H19N5O1	SECBUMETON	
1200	27.44	*150*	249	C8H5Cl2N1O2S1	ACETONITRILE, 2-(3,4-DICHLOROBENZENESULFONYL)-	or isomer
1229	28.03	*107*	241	C10H19N5S1	1,3,5-TRIAZIN-2,4-DIAMIN, N,N'-DIISOPROPYL-6-METHYLTHIO- (PROMETRYN)	
1270	28.86	*114*	283	C15H22Cl1N1O2	METOLACHLOR	or isomer
1686	37.33	*345*	278	C18H15O1P1	PHOSPHINE OXIDE, TRIPENYL-	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1283 - F9_T6

cl1283a_F9_T6	Ret. Time	ng/l	MW	Formula	Name	Spectrum
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**162%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	28701708
					Q-ISTD (Chlorododecane, Mass 91)	14536490
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	10282811
32	3.65	*3'547*	164	C2CL4	ETHENE, TETRACHLORO-	
144	5.93	*192*	166	C2H2CL4	ETHANE, 1,1,2,2-TETRACHLORO-	
265	8.40	*157*	157	C5H4Br1N1	PYRIDINE, 2-BROMO-	or isomer
320	9.52	*160*	120	C8H8O1	ETHANONE, 1-PHENYL-	or isomer
330	9.72	*307*	234	C2Cl6	ETHANE, HEXACHLORO-	
389	10.92	*65*	160	C7H6CL2	BENZENE, 2,4-DICHLORO-1-METHYL-	or isomer
405	11.25	*155*	206	C10H22O4	ETHANE, 1,1,2,2-TETRAETHOXY-	or isomer
425	11.65	*54*	176	C2H3BR1CL2	ETHANE, 2-BROMO-1,1-DICHLORO-	or isomer
458	12.33	*51*	180	C6H3Cl3	BENZENE, 1,2,4-TRICHLORO-	
541	14.02	*246*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
535	13.89	*151*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
558	14.36	*213*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
581	14.83	*111*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	or isomer
597	15.16	*109*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
611	15.44	*458*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
634	15.91	*106*	208	C8H7CL3	BENZENE, 1,4-DICHLORO-2-(2-CHLOROETHYL)-	or isomer
642	16.07	*135*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
691	17.07	*76*	208	C8H7CL3	BENZENE, TRICHLOROETHYL-	or isomer
687	16.99	*53*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-3-METHOXY-	or isomer
712	17.50	*85*	208	C8H7CL3	BENZENE, TRICHLORO-1,3-DIMETHYL-	or isomer
789	19.07	*123*	228	C7H4CL4	BENZENE, 1,2,4-TRICHLORO-5-(CHLOROMETHYL)-	or isomer
790	19.09	*123*	228	C7H4Cl4	BENZENE, 1,2,4-TRICHLORO-5-(CHLOROMETHYL)-	or isomer
822	19.74	*95*	183	C9H10CL1N1O1	BENZAMIDE, 2-CHLORO-N,N-DIMETHYL-	or isomer
844	20.19	*66*	266	C12H27O4P1	PHOSPHORIC ACID, TRIBUTYL ESTER	or isomer
866	20.64	*150*	210	C7H5CL3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
868	20.68	*150*	210	C7H5CL3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
942	22.18	*65*	242	C8H6Cl4	BENZENE, 1,2,3,5-TETRACHLORO-4,6-DIMETHYL-	or isomer
980	22.96	*168*	210	C10H14N2O3	APROBARBITAL	
993	23.22	*169*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	
1008	23.53	*208*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1025	23.87	*121*	224	C11H16N2O3	SANDOPTAL	
1071	24.81	*106*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	
1103	25.46	*165*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1141	26.24	*132*	225	C10H19N5O1	SECBUMETON	
1200	27.44	*166*	249	C8H5Cl2N1O2S1	ACETONITRILE, 2-(3,4-DICHLOROBENZENESULFONYL)-	or isomer
1201	27.46	*222*	249	C8H5Cl2N1O2S1	ACETONITRILE, 2-(3,4-DICHLOROBENZENESULFONYL)-	or isomer
1229	28.03	*100*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	
1253	28.52	*154*	260	C9H13BR1N2O2	2,4(1H,3H)-PYRIMIDINEDIONE, 5-BROMO-6-METHYL-3-(1-METHYLPROPYL)-	or isomer
1270	28.86	*166*	283	C15H22Cl1N1O2	METOLACHLOR	
1687	37.35	*283*	304	C20H17O1P1	FORMYLMETHYLENETRIPHENYLPHOSPHORANE	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3424 - F11_T0

Cl3424a_F11_T0	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**98%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	**6'922'784**
					Q-ISTD (Chlorododecane, Mass 91)	**4'044'382**
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	**3'684'689**
17	3.23	**100**	164	C2Cl4	TETRACHLOROETHYLENE	
1447	22.43	**< 20**	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1554	23.87	*<= 150 ng/l*			UNKNOWN BP 211	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3425 - F11_T1

CI3425a_F11_T1	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**103%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	**13'958'393**
					Q-ISTD (Chlorododecane, Mass 91)	**4'233'256**
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	**4'374'222**
18	3.24	**900**	164	C2Cl4	TETRACHLOROETHYLENE	
490	9.58	*151-300 ng/l*			UNKNOWN BP 83	
685	12.20	*151-300 ng/l*			UNKNOWN BP 132	
851	14.43	*<= 150 ng/l*			UNKNOWN BP 132	
1206	19.20	*<= 150 ng/l*	220	C15H24O1	BUTYLATED HYDROXY TOLUENE	
1447	22.43	**21**	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3433 - F11_T2

CI3433a_F11_T2	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**116%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	**7'140'117**
					Q-ISTD (Chlorododecane, Mass 91)	**4'796'362**
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	**4'478'419**
18	3.24	**1'000**	164	C2Cl4	TETRACHLOROETHYLENE	
510	9.85	*<= 150 ng/l*			UNKNOWN BP 123	
757	13.17	*<= 150 ng/l*	134	C6H14O3	1-PROPANOL, 2-(2-HYDROXYPROPOXY)-	
1447	22.43	**< 20**	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3454 - F11_T3

CI3454b_F11_T3	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**118%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	**8'399'806**
					Q-ISTD (Chlorododecane, Mass 91)	**4'874'202**
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	**4'532'710**
18	3.24	**900**	164	C2Cl4	TETRACHLOROETHYLENE	
673	12.04	*151-300 ng/l*			UNKNOWN BP 132	
1449	22.46	**95**	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 3456 - F11_T4

CI3456a_F11_T4	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**103%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	**6'148'375**
					Q-ISTD (Chlorododecane, Mass 91)	**4'257'402**
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	**3'688'368**
17	3.22	**100**	164	C2Cl4	TETRACHLOROETHYLENE	
672	11.83	*300-500 ng/l*			UNKNOWN BP 132	
767	13.08	*151-300 ng/l*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	
1340	20.61	*<= 150 ng/l*	222	C12H14O4	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	
1447	22.02	**104**	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:7 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1351 - E25_T0

cl1351a_E25_T0	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**60%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	18'684'141
					Q-ISTD (Chlorododecane, Mass 91)	10'650'140
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	8'047'486
33	3.67	*889*	164	C2Cl4	TETRACHLOROETHYLENE	
145	5.95	*255*	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
321	9.54	*316*	120	C8H8O1	ETHANONE, 1-PHENYL-	or isomer
346	10.05	*1'761*	128	C6D5N1O2	NITROBENZENE-D5	Coelution M121
542	14.04	*349*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
536	13.92	*164*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
558	14.36	*160*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	or isomer
559	14.38	*265*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
642	16.07	*166*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
759	18.46	*126*	162	C10H10O2	ETHANONE, 1,1'-(1,4-PHENYLENE)BIS-	or isomer
760	18.48	*123*	162	C10H10O2	ETHANONE, 1,1'-(1,4-PHENYLENE)BIS-	or isomer
769	18.66	*131*	173	C12H15N1	QUINOLINE, 1,2-DIHYDRO-2,2,4-TRIMETHYL-	or isomer
787	19.03	*308*	180	C11H16O2	TERTIO BUTYL HYDROXY ANISOLE	or isomer
835	20.00	*197*	220	C15H24O1	PHENOL, 2,6-BIS(1,1-DIMETHYLETHYL)-4-METHYL-	or isomer
959	22.53	*104*	169	C12H11N1	BENZENAMINE, N-PHENYL-	or isomer
981	22.98	*368*	210	C10H14N2O3	2,4,6(1H,3H,5H)-PYRIMIDINETRIONE, 5-(1-METHYLETHYL)-5-(2-PROPENYL)	Aprobarbital
992	23.20	*160*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1008	23.53	*263*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1071	24.81	*165*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	Simazine
1090	25.20	*291*	284	C6H12Cl3O4P1	TRI(2-CHLOROETHYL) PHOSPHATE	
1104	25.48	*133*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1269	28.84	*258*	283	C15H22Cl1N1O2	METOLACHLOR	
1687	37.35	*399*	277	C18H16N1P1	PHOSPHINE IMIDE, P,P,P-TRIPHENYL-	or isomer
2646	56.88	*1'539*	376	C8Cl8	BENZENE, PENTACHLORO(TRICHLOROETHENYL)-	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1352 - E25_T1

cl1352a_E25_T1	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**90%**
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	28'451'735
					Q-ISTD (Chlorododecane, Mass 91)	15'802'754
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	11'367'190
34	3.69	*1'824*	164	C2Cl4	TETRACHLOROETHYLENE	
321	9.54	*168*	120	C8H8O1	ACETOPHENONE	or isomer
435	11.86	*93*	154	C10H18O1	CYCLOHEXANONE, 5-METHYL-2-(1-METHYLETHYL)-	or isomer
559	14.39	*230*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
558	14.37	*94*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
570	14.61	*186*	154	C8H10O3	3-ACETOXY-2,4-DIMETHYL-FURAN	or isomer
642	16.08	*127*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
661	16.47	*136*	155	C8H13N1O2	3,4-METHYLPROPYLSUCCINIMIDE	or isomer
687	17.00	*92*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-5-METHOXY-	or isomer
769	18.67	*103*	158	C10H10N2	1,5-NAPHTHALENEDIAMINE	or isomer
835	20.01	*153*	220	C15H24O1	BUTYLATED HYDROXYTOLUENE	or isomer
844	20.20	*83*	266	C12H27O4P1	PHOSPHORIC ACID, TRIBUTYL ESTER	or isomer
959	22.54	*47*	169	C12H11N1	BENZENAMINE, N-PHENYL-	or isomer
982	23.01	*282*	210	C10H14N2O3	APROBARBITAL	
992	23.21	*127*	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1009	23.56	*222*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1057	24.54	*138*	168	C12H8O1	DIBENZOFURAN	
1071	24.82	*195*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	Simazine
1090	25.21	*256*	284	C6H12O4P1CL3	TRICHLOROETHYL PHOSPHATE	
1104	25.49	*112*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1142	26.27	*167*	225	C10H19N5O1	SECBUMETON	
1270	28.88	*159*	283	C15H22Cl1N1O2	METOLACHLOR	
1693	37.50	*315*	390	C24H38O4	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1353 - E25_T2

cl1353a_E25_T2	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**102%**
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	31'827'635
					Q-ISTD (Chlorododecane, Mass 91)	18'007'853
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	14'374'614
34	3.69	*3'181*	164	C2Cl4	TETRACHLOROETHYLENE	
145	5.95	*159*	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
227	7.62	*329*	138	C10H18	1,6-OCTADIENE, 2,7-DIMETHYL-	or isomer
542	14.04	*297*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
536	13.92	*162*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
558	14.36	*173*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
581	14.83	*223*	154	C10H18O1	ROSE OXIDE	or isomer
598	15.18	*172*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
611	15.44	*399*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
643	16.09	*169*	194	C7H5CL3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
713	17.52	*95*	208	C8H7CL3	BENZENE, 1,4-DICHLORO-2-(1-CHLOROETHYL)-	or isomer
754	18.35	*223*	164	C10H16N2	2,3,5,6-TETRAMETHYL-PARA-PHENYLENEDIAMINE	or isomer
867	20.66	*173*	210	C7H5CL3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
958	22.51	*102*	169	C12H11N1	BENZENAMINE, N-PHENYL-	or isomer
982	23.00	*310*	210	C10H14N2O3	APROBARBITAL	
993	23.22	*225*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1009	23.55	*223*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1059	24.57	*162*	199	C13H13N1O1	PYRIDINE, 2-[(2-METHOXYPHENYL)METHYL]-	or isomer
1104	25.48	*259*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1201	27.46	*279*	175	C6H3Cl2N1O1	2,6-DICHLORONITROSOBENZENE	or isomer
1229	28.03	*168*	241	C10H19N5S1	1,3,5-TRIAZIN-2,4-DIAMIN, N,N'-DIISOPROPYL-6-METHYLTHIO- (PROMETRYN)	Prometryne
1270	28.86	*284*	283	C15H22Cl1N1O2	METOLACHLOR	
1687	37.35	*401*	278	C18H15O1P1	PHOSPHINOXYD, TRIPHENYL-	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1377 - E25_T3

cl1377a_E25_T3	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**100%**
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	32'554'219
					Q-ISTD (Chlorododecane, Mass 91)	17'601'897
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	11'612'348
34	3.69	*3'945*	164	C2Cl4	TETRACHLOROETHYLENE	
145	5.95	*170*	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
542	14.04	*318*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
558	14.36	*200*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
571	14.63	*243*	112	C6H8S1	THIOPHENE, 2,5-DIMETHYL-	or isomer
581	14.83	*223*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	or isomer
598	15.18	*190*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	or isomer
611	15.44	*465*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
622	15.67	*137*	142	C11H10	NAPHTHALENE, 1-METHYL-	or isomer
643	16.09	*160*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
692	17.09	*104*	208	C8H7CL3	BENZENE, TRICHLOROETHYL-	or isomer
713	17.52	*178*	208	C8H7CL3	BENZENE, 1,4-DICHLORO-2-(1-CHLOROETHYL)-	or isomer
754	18.35	*249*	164	C10H16N2	2,3,5,6-TETRAMETHYL-PARA-PHENYLENEDIAMINE	or isomer
844	20.19	*157*	266	C12H27O4P1	PHOSPHORIC ACID, TRIBUTYL ESTER	or isomer
867	20.66	*272*	210	C7H5Cl3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
954	22.43	*66*	210	C10H7Cl1O3	P-CHLOROBENZOYLACRYLIC ACID	or isomer
959	22.53	*81*	169	C12H11N1	DIPHENYLAMIN	or isomer
982	23.00	*313*	210	C10H14N2O3	APROBARBITAL	
985	23.06	*313*	224	C11H16N2O3	TALBUTAL	or isomer
997	23.30	*257*	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1009	23.55	*228*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1058	24.55	*175*	168	C11H8N2	1-NAPHTHALENECARBONITRILE, 8-AMINO-	or isomer
1104	25.48	*210*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1111	25.62	*229*	213	C10H15N1O2S1	BENZENESULFONAMIDE, N-BUTYL-	or isomer
1142	26.26	*193*	225	C10H19N5O1	SECBUMETON	
1201	27.46	*324*	175	C6H3Cl2N1O1	2,6-DICHLORONITROSOBENZENE	or isomer
1229	28.03	*244*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	Prometryne
1270	28.86	*332*	283	C15H22Cl1N1O2	METOLACHLOR	
1283	29.13	*268*	183	C8H9N1O4	BENZENE, 1,2-DIMETHOXY-4-NITRO-	or isomer
1688	37.38	*353*	278	C18H15O1P1	PHOSPHINOXYD, TRIPHENYL-	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1378 - E25_T4

cl1378a_E25_T4	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**140%**
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	45'539'015
					Q-ISTD (Chlorododecane, Mass 91)	24'599'884
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	15'237'731
34	3.69	*1000-5000 ng/l*	164	C2Cl4	TETRACHLOROETHYLENE	
145	5.95	*151-300 ng/l*	166	C2H2CL4	ETHANE, 1,1,2,2-TETRACHLORO-	
159	6.24	*<= 150 ng/l*	136	C10H16	1S-,ALPHA.-PINENE	or isomer
194	6.95	*<= 150 ng/l*	106	C7H6O1	BENZALDEHYDE	or isomer
330	9.72	*<= 150 ng/l*	234	C2Cl6	ETHANE, HEXACHLORO-	
559	14.38	*151-300 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
570	14.61	*151-300 ng/l*	154	C8H10O3	3-ACETOXY-2,4-DIMETHYL-FURAN	or isomer
581	14.83	*151-300 ng/l*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	or isomer
589	14.99	*<= 150 ng/l*	154	C6H6N2O3	PYRIMIDINE, 6-OXO-5-ACETYL-4-HYDROXY-1,6-DIHYDRO-	or isomer
598	15.18	*<= 150 ng/l*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	or isomer
604	15.30	*<= 150 ng/l*	142	C11H10	NAPHTHALENE, 1-METHYL-	or isomer
611	15.44	*300-500 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
642	16.07	*151-300 ng/l*	194	C7H5Cl3	BENZENE, 1,2,3-TRICHLORO-4-METHYL-	or isomer
692	17.09	*<= 150 ng/l*	208	C8H7CL3	BENZENE, TRICHLOROETHYL-	or isomer
713	17.52	*<= 150 ng/l*	208	C8H7Cl3	BENZENE, 1,4-DICHLORO-2-(1-CHLOROETHYL)-	or isomer
844	20.19	*<= 150 ng/l*	266	C12H27O4P1	PHOSPHORIC ACID, TRIBUTYL ESTER	or isomer
867	20.66	*151-300 ng/l*	210	C7H5CL3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
953	22.41	*<= 150 ng/l*	210	C10H7Cl1O3	P-CHLOROBENZOYLACRYLIC ACID	or isomer
983	23.02	*151-300 ng/l*	210	C10H14N2O3	APROBARBITAL	
994	23.24	*<= 150 ng/l*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desethylatrazine
1012	23.61	*151-300 ng/l*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1104	25.48	*<= 150 ng/l*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1111	25.62	*151-300 ng/l*	213	C10H15N1O2S1	BENZENESULFONAMIDE, N-BUTYL-	or isomer
1201	27.46	*300-500 ng/l*	249	C8H5Cl2N1O2S1	ACETONITRILE, 2-(3,4-DICHLOROBENZENESULFONYL)-	or isomer
1229	28.03	*151-300 ng/l*	241	C10H19N5S1	1,3,5-TRIAZIN-2,4-DIAMIN, N,N'-DIISOPROPYL-6-METHYLTHIO- (PROMETRYN)	Prometryne
1270	28.86	*151-300 ng/l*	283	C15H22Cl1N1O2	METOLACHLOR	
1688	37.37	*300-500 ng/l*	304	C20H17O1P1	FORMYLMETHYLENETRIPHENYLPHOSPHORANE	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1429 - E25_T5

cl1429a_E25_T5	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**87%**
					Q-ISTD Recovery (Field Blank):	
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	26'077'669
					Q-ISTD (Chlorododecane, Mass 91)	15'325'714
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	11'215'084
33	3.67	*1'701*	164	C2Cl4	TETRACHLOROETHYLENE	
145	5.95	*165*	166	C2H2CL4	ETHANE, 1,1,2,2-TETRACHLORO-	
194	6.95	*113*	106	C7H6O1	BENZALDEHYDE	or isomer
330	9.73	*308*	234	C2Cl6	ETHANE, HEXACHLORO-	
473	12.64	*418*	162	C8H18O3	ETHANOL, 1-(2-BUTOXYETHOXY)-	or isomer
542	14.05	*329*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
559	14.39	*241*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
570	14.62	*236*	154	C8H10O3	3-ACETOXY-2,4-DIMETHYL-FURAN	or isomer
581	14.84	*298*	154	C8H10O1S1	3-ACETYL-2,5-DIMETHYLTHIOPHENE	or isomer
597	15.17	*214*	194	C7H5Cl3	2,4,5-TRICHLOROTOLUENE	or isomer
598	15.19	*180*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
611	15.45	*500*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
642	16.08	*171*	194	C7H5CL3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
692	17.10	*171*	208	C8H7CL3	BENZENE, TRICHLOROETHYL-	or isomer
713	17.53	*111*	208	C8H7Cl3	BENZENE, 1,4-DICHLORO-2-(1-CHLOROETHYL)-	or isomer
844	20.20	*88*	266	C12H27O4P1	TRIBUTYL PHOSPHATE	or isomer
867	20.67	*204*	210	C6H4CL2O2S1	BENZENESULFONYL CHLORIDE, 4-CHLORO-	or isomer
953	22.42	*150*	210	C10H7Cl1O3	P-CHLOROBENZOYLACRYLIC ACID	or isomer
982	23.01	*384*	210	C10H14N2O3	APROBARBITAL	
993	23.24	*219*	187	C6H10N5CL1	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	Desesthylatrazine
1009	23.56	*262*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1053	24.46	*138*	212	C16H20	2,6-DIISOPROPYLNAPHTHALENE	or isomer
1090	25.21	*294*	284	C6H12Cl3O4P1	TRI(2-CHLOROETHYL) PHOSPHATE	or isomer
1104	25.50	*281*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1201	27.48	*327*	249	C8H5Cl2N1O2S1	ACETONITRILE, 2-(3,4-DICHLOROBENZENESULFONYL)-	or isomer
1229	28.05	*238*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	Prometryne
1270	28.88	*252*	283	C15H22Cl1N1O2	METOLACHLOR	
1282	29.13	*299*	183	C12H9N1O1	2-DIBENZOFURANAMINE	or isomer
1686	37.36	*324*	304	C20H17O1P1	FORMYLMETHYLENETRIPHENYLPHOSPHORANE	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1490 - E25_T6

cl1430a_E25_T6	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
					Q-ISTD Recovery (sample):	**122%**
				ID	***Areas** (X-Calibur) :*	
				TIC	**Extract.-Std (Aniline-d5, Mass 98)**	27'330'904
					Q-ISTD (Chlorododecane, Mass 91)	21'434'886
				Unknown	**Extract.-Std (Atrazine-d5, Mass 205)**	13'850'769
33	3.67	*3'683*	164	C2Cl4	TETRACHLOROETHYLENE	
144	5.93	*204*	166	C2H2Cl4	ETHANE, 1,1,2,2-TETRACHLORO-	
194	6.95	*104*	106	C7H6O1	BENZALDEHYDE	or isomer
266	8.42	*187*	157	C5H4Br1N1	PYRIDINE, 2-BROMO-	or isomer
330	9.72	*218*	234	C2Cl6	ETHANE, HEXACHLORO-	
536	13.92	*155*	174	C9H18O3	2-PROPANOL, 1-[1-METHYL-2-(2-PROPENYLOXY)ETHOXY]-	or isomer
559	14.38	*260*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
570	14.61	*201*	154	C8H10O3	3-ACETOXY-2,4-DIMETHYL-FURAN	or isomer
581	14.83	*215*	154	C10H18O1	ROSE OXIDE	or isomer
598	15.18	*172*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
611	15.44	*457*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
632	15.87	*130*	459	C15H10Cl5N1O3S1	BENZAMIDE, 2,4-DICHLORO-N-(2,2,2,-TRICHLORO-1-PHENYLSULFONYLETHYL)-	or isomer
642	16.07	*142*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
687	16.99	*81*	210	C7H5Cl3O1	BENZENE, 1,2,4-TRICHLORO-3-METHOXY-	or isomer
713	17.52	*122*	208	C8H7Cl3	BENZENE, 1,4-DICHLORO-2-(1-CHLOROETHYL)-	or isomer
747	18.21	*141*	208	C8H7CL3	BENZENE, 1,4-DICHLORO-2-(1-CHLOROETHYL)-	or isomer
844	20.19	*68*	342	C12H12BR2N2	DIQUAT	or isomer
867	20.66	*158*	210	C6H4CL2O2S1	BENZENESULFONYL CHLORIDE, 4-CHLORO-	or isomer
868	20.68	*183*	210	C7H5Cl3O1	O-CRESOL, 3,4,6-TRICHLORO-	or isomer
953	22.41	*114*	210	C10H7Cl1O3	P-CHLOROBENZOYLACRYLIC ACID	or isomer
982	23.00	*250*	210	C10H14N2O3	APROBARBITAL	
994	23.24	*221*	187	C6H10Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-(1-METHYLETHYL)-	
1009	23.55	*219*	201	C7H12Cl1N5	DESETHYLTERBUTYLAZINE	
1090	25.20	*228*	284	C6H12Cl3O4P1	TRI(2-CHLOROETHYL) PHOSPHATE	or isomer
1104	25.48	*316*	229	C9H16Cl1N5	TERBUTHYLAZINE	
1200	27.44	*294*	318	C12H6CL4N2	DIAZENE, BIS(3,4-DICHLOROPHENYL)-	or isomer
1201	27.46	*373*	249	C8H5Cl2N1O2S1	ACETONITRILE, 2-(3,4-DICHLOROBENZENESULFONYL)-	or isomer
1229	28.03	*196*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	
1269	28.84	*299*	283	C15H22Cl1N1O2	METOLACHLOR	
1270	28.86	*299*	283	C15H22N1O2CL1	2-CHLORO-N-(2-ETHYL-6-METHYL-PHENYL)-N-(2-METHOXY-1-METHYL-ETHYL)-ACETAMIDE	or isomer
1687	37.35	*319*	277	C18H16N1P1	PHOSPHINE IMIDE, P,P,P-TRIPHENYL-	or isomer
ID limit:50% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:10 (high) Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Feststoffe MIP 2006

SM2891 – Feldreben – 147M_D4b_6-8 m

SM2891D_Feld_147M_D4b_6-8m	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				ID		
				TIC		
				Unknown		
39	4.33	*> 5000 ng/l*	132	C10H12	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-	or isomer
91	4.76	*1000-5000 ng/l*	180	C6H3CL3	BENZENE, 1,2,4-TRICHLORO-	
146	5.25	*> 5000 ng/l*	128	C10H8	NAPHTHALENE	
176	5.48	*> 5000 ng/l*	180	C6H3Cl3	BENZENE, 1,3,5-TRICHLORO-	
275	6.30	*1000-5000 ng/l*	194	C7H5CL3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
290	6.43	*1000-5000 ng/l*	127	C6H6Cl1N1	3 & 4-CHLOROANILINE	
412	7.45	*1000-5000 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	or isomer
464	7.88	*1000-5000 ng/l*	155	C8H10Cl1N1	4-CHLORO-N,N-DIMETHYLANILINE	or isomer
486	8.06	*1000-5000 ng/l*	214	C6H2CL4	BENZENE, 1,2,3,4-TETRACHLORO-	or isomer
587	8.90	*1000-5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 2,4-DICHLORO-	
598	9.00	*1000-5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 2,5-DICHLORO-	
626	9.23	*501-1000 ng/l*	214	C6H2CL4	BENZENE, 1,2,3,4-TETRACHLORO-	or isomer
665	9.55	*> 5000 ng/l*	162	C10H7CL1	NAPHTHALIN, 2-CHLORO-	or isomer
908	11.58	*> 5000 ng/l*	158	C11H10O1	NAPHTHALENE, METHOXY-	Coelution with Dichloroaniline
953	11.95	*1000-5000 ng/l*				Unknown BP 202, chlorinated
1108	13.25	*> 5000 ng/l*	196	C10H6Cl2	NAPHTHALENE, 1,4-DICHLORO-	or isomer
1202	14.03	*1000-5000 ng/l*	196	C10H6Cl2	NAPHTHALENE, 1,2-DICHLORO-	or isomer
1285	14.73	*1000-5000 ng/l*	190	C7H7CL1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	or isomer
1450	16.10	*1000-5000 ng/l*	222	C12H8CL2	1,1'-BIPHENYL, 2,6-DICHLORO-	or isomer
1484	16.38	*1000-5000 ng/l*	222	C12H8CL2	1,1'-BIPHENYL, 2,6-DICHLORO-	or isomer
1549	16.93	*> 5000 ng/l*	230	C10H5CL3	NAPHTHALENE, 1,3,7-TRICHLORO-	or isomer
1589	17.26	*1000-5000 ng/l*	212	C10H6Cl2O1	1-NAPHTHALENOL, 2,4-DICHLORO-	or isomer, Coelution
1622	17.53	*1000-5000 ng/l*	230	C10H5CL3	NAPHTHALENE, 1,3,7-TRICHLORO-	or isomer
1646	17.73	*501-1000 ng/l*	222	C12H8CL2	1,1'-BIPHENYL, 2,6-DICHLORO-	or isomer
1659	17.85	*151-300 ng/l*	256	C12H7CL3	1,1'-BIPHENYL, 2,4,6-TRICHLORO-	or isomer
1684	18.05	*300-500 ng/l*	222	C12H8CL2	1,1´-BIPHENYL, 4,4´-DICHLORO-	or isomer
1709	18.26	*151-300 ng/l*	178	C14H10	PHENANTHRENE	
1739	18.51	*> 5000 ng/l*	230	C10H5CL3	NAPHTHALENE, 1,3,7-TRICHLORO-	or isomer
1819	19.18	*151-300 ng/l*	226	C11H8CL2O1	2,4-DICHLORO-1-METHOXY-NAPHTHALENE	or isomer
1834	19.30	*300-500 ng/l*	256	C12H7CL3	1,1'-BIPHENYL, 2,3',4-TRICHLORO-	or isomer
2074	21.30	*501-1000 ng/l*	212	C10H6Cl2O1	1-NAPHTHALENOL, 2,4-DICHLORO-	or isomer
2177	22.15	*151-300 ng/l*	268		UNKNOWN BP 65, Chlorinated, Sulfonated	1 Chloroatom
2317	23.33	*300-500 ng/l*	202	C16H10	FLUORANTHENE	
2354	23.63	*> 5000 ng/l*	256	S8	SULFUR, MOL, (S8)	
2426	24.23	*300-500 ng/l*	202	C16H10	PYRENE	
2486	24.73	*501-1000 ng/l*	272		UNKNOWN BP 202, Chlorinated	2 Chloroatoms
2537	25.16	*501-1000 ng/l*	272		UNKNOWN BP 202, Chlorinated	2 Chloroatoms
2686	26.41	*501-1000 ng/l*	272		UNKNOWN BP 202, Chlorinated	2 Chloroatoms
2729	26.76	*300-500 ng/l*	272		UNKNOWN BP 202, Chlorinated	2 Chloroatoms
2792	27.30	*> 5000 ng/l*	238		UNKNOWN BP 305, Chlorinated	5 Chloroatoms
2837	27.66	*> 5000 ng/l*	306		UNKNOWN BP 236, Chlorinated	4 Chloroatoms
2873	27.96	*300-500 ng/l*	306		UNKNOWN BP 236, Chlorinated	4 Chloroatoms
2921	28.36	*501-1000 ng/l*	306		UNKNOWN BP 236, Chlorinated	4 Chloroatoms
3011	29.11	*1000-5000 ng/l*	306		UNKNOWN BP 236, Chlorinated	4 Chloroatoms
3056	29.50	*1000-5000 ng/l*	306		UNKNOWN BP 270, Chlorinated	4 Chloroatoms
3071	29.61	*1000-5000 ng/l*	306		UNKNOWN BP 306, Chlorinated	4 Chloroatoms
3092	29.80	*<= 150 ng/l*	228	C18H12	BENZO[A]ANTHRACENE	
3115	29.98	*151-300 ng/l*	306		UNKNOWN BP 306, Chlorinated	4 Chloroatoms
3145	30.23	*300-500 ng/l*	372		UNKNOWN BP 74, Chlorinated	6 Chloroatoms
3221	30.86	*151-300 ng/l*	372		UNKNOWN BP 74, Chlorinated	6 Chloroatoms
3273	31.30	*151-300 ng/l*	340		UNKNOWN BP 74, Chlorinated	5 Chloroatoms
3341	31.86	*501-1000 ng/l*	286		[1,1'-BINAPHTHALENE]-2,2'-DIOL	or isomer
3418	32.51	*> 5000 ng/l*	270	C20H14O1	NAPHTHALENE, 1-(2-NAPHTHALENYLOXY)-	or isomer
3466	32.91	*<= 150 ng/l*	270	C20H14O1	NAPHTHALENE, 1-(2-NAPHTHALENYLOXY)-	or isomer
3596	34.00	*501-1000 ng/l*	268	C20H12O1	DINAPHTHO[2,1-B:1',2'-D]FURAN	or isomer
3621	34.20	*<= 150 ng/l*	270	C20H14O1	3-(4-PHENYLPHENYL)-BENZOFURAN	or isomer
3661	34.53	*151-300 ng/l*	268	C20H12O1	DINAPHTHO[1,2-B:1',2'-D]FURAN	or isomer
3719	35.01	*> 5000 ng/l*	268	C20H12O1	DINAPHTHO[2,1-B:1',2'-D]FURAN	or isomer
3797	35.68	*501-1000 ng/l*	386		UNKNOWN BP 183, Chlorinated, Sulfonated	3 Chloroatoms
4237	39.35	*> 5000 ng/l*	298	C21H12O2	DINAPHTHO[2,3-B:1',2'-D]PYRAN-7-ONE	or isomer
4298	39.85	*1000-5000 ng/l*	296	C21H12O2	DINAPHTHO[2,3-B:1',2'-D]PYRAN-7-ONE	or isomer
4412	40.80	*<= 150 ng/l*	296	C21H12O2	DINAPHTHO[2,3-B:1',2'-D]PYRAN-7-ONE	or isomer
4742	43.55	*1000-5000 ng/l*	496		UNKNOWN BP 159, Chlorinated	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:8 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

SM2892 – Feldreben – D4b_10-11 m

SM2892D_Feld_D4b_10-11m_Liner	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				ID		
				TIC		
				Unknown		
42	#DIV/0!	*1000-5000 ng/l*	132	C10H12	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-	
65	#DIV/0!	*1000-5000 ng/l*	130	C10H10	NAPHTHALENE, 1,4-DIHYDRO-	
88	#DIV/0!	*501-1000 ng/l*	180	C6H3CL3	BENZENE, 1,2,4-TRICHLORO-	
90	#DIV/0!	*501-1000 ng/l*	180	C6H3CL3	BENZENE, 1,2,4-TRICHLORO-	
102	#DIV/0!	*501-1000 ng/l*	268	C19H40	HEPTADECANE, 2,6-DIMETHYL-	
145	#DIV/0!	*1000-5000 ng/l*	128	C10H8	NAPHTHALENE	
150	#DIV/0!	*1000-5000 ng/l*	128	C10H8	NAPHTHALENE	
175	#DIV/0!	*1000-5000 ng/l*	180	C6H3Cl3	BENZENE, 1,3,5-TRICHLORO-	
183	#DIV/0!	*300-500 ng/l*	180	C6H3Cl3	BENZENE, 1,3,5-TRICHLORO-	
202	#DIV/0!	*501-1000 ng/l*	184	C13H28	DECANE, 5-PROPYL-	
248	#DIV/0!	*300-500 ng/l*	127	C6H6Cl1N1	O-CHLOROANILINE	
273	#DIV/0!	*501-1000 ng/l*	194	C7H5Cl3	BENZENE, 1,2,4-TRICHLORO-3-METHYL-	
272	#DIV/0!	*501-1000 ng/l*	127	C6H6Cl1N1	O-CHLOROANILINE	
285	#DIV/0!	*300-500 ng/l*	127	C6H6Cl1N1	P-CHLOROANILINE	
288	#DIV/0!	*300-500 ng/l*	127	C6H6Cl1N1	P-CHLOROANILINE	
360	#DIV/0!	*501-1000 ng/l*	154	C8H7CL1O1	ETHANONE, 1-(3-CHLOROPHENYL)-	
382	#DIV/0!	*300-500 ng/l*				Unknown BP 159
407	#DIV/0!	*501-1000 ng/l*	194	C7H5Cl3	BENZENE, 1,2,3-TRICHLORO-4-METHYL-	
409	#DIV/0!	*501-1000 ng/l*	235	C15H13N3	4-PHENYL-2,6-DIMETHYL-1,4-DIHYDROPYRIDINE-3,5-DICARBONITRILE	
417	#DIV/0!	*151-300 ng/l*	228	C7H4CL4	BENZENE, 1-CHLORO-2-(TRICHLOROMETHYL)-	
437	#DIV/0!	*501-1000 ng/l*	142	C11H10	BENZOCYCLOHEPTATRIENE	
459	#DIV/0!	*1000-5000 ng/l*	155	C8H10N1CL1		
458	#DIV/0!	*1000-5000 ng/l*	155	C8H10CL1N1	BENZENAMINE, 2-CHLORO-N,N-DIMETHYL-	
482	#DIV/0!	*501-1000 ng/l*	142	C4H6N4S1	4,6-DIAMINOPYRIMIDINE-5-THIOL	
492	#DIV/0!	*501-1000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 2-CHLORO-4-METHYL-	
498	#DIV/0!	*501-1000 ng/l*	141	C7H8CL1N1	BENZENAMINE, 4-CHLORO-2-METHYL-	
529	#DIV/0!	*501-1000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 5-CHLORO-2-METHYL-	
581	#DIV/0!	*300-500 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 3,4-DICHLORO-	
590	#DIV/0!	*1000-5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 3,5-DICHLORO-	
594	#DIV/0!	*1000-5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 2,4-DICHLORO-	
622	#DIV/0!	*501-1000 ng/l*	178	C11H14O2	ETHANONE, 1-[4-(1-HYDROXY-1-METHYLETHYL)PHENYL]-	
663	#DIV/0!	*1000-5000 ng/l*	162	C10H7CL1	NAPHTHALIN, 2-CHLORO-	
666	#DIV/0!	*1000-5000 ng/l*	162	C6H4CL2O1	PHENOL, 2,5-DICHLORO-	
739	#DIV/0!	*501-1000 ng/l*	146	C9H6O2	2H-1-BENZOPYRAN-2-ONE	
737	#DIV/0!	*501-1000 ng/l*	145	C9H7N1O1	4-QUINOLONE	
757	#DIV/0!	*151-300 ng/l*				Unknown
770	#DIV/0!	*501-1000 ng/l*	156	C12H12	NAPHTHALENE, 1,2-DIMETHYL-	
775	#DIV/0!	*501-1000 ng/l*	156	C12H12	NAPHTHALENE, 1,7-DIMETHYL-	
824	#DIV/0!	*300-500 ng/l*	156	C7H9O2P1	METHYL PHENYLPHOSPHINIC ACID	
828	#DIV/0!	*300-500 ng/l*	156	C12H12	NAPHTHALENE, 1,7-DIMETHYL-	
860	#DIV/0!	*151-300 ng/l*	156	C12H12	NAPHTHALENE, 1,2-DIMETHYL-	
902	#DIV/0!	*> 5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 3,5-DICHLORO-	
924	#DIV/0!	*501-1000 ng/l*	161	C6H5CL2N1	BENZENAMINE, 2,5-DICHLORO-	
930	#DIV/0!	*300-500 ng/l*	162	C10H10S1	BENZO[B]THIOPHENE, 2,7-DIMETHYL-	
951	#DIV/0!	*1000-5000 ng/l*	152	C7H5Cl1N2	5-CHLOROBENZIMIDAZOLE	
947	#DIV/0!	*1000-5000 ng/l*	153	C11H7N1	1-NAPHTHOESAEURENITRIL	
957	#DIV/0!	*300-500 ng/l*	154	C12H10		
960	#DIV/0!	*151-300 ng/l*	154	C12H10	1,1'-BIPHENYL	
987	#DIV/0!	*151-300 ng/l*	188	C10H5CL1N2	4-CHLORO-1,3-DIAZABIPHENYLENE	
1031	#DIV/0!	*151-300 ng/l*	168	C12H8O1	DIBENZOFURAN	
1037	#DIV/0!	*501-1000 ng/l*	168	C12H8O1	DIBENZOFURAN	
1095	#DIV/0!	*501-1000 ng/l*	192	S6	SULFUR	Coelution with chlorinated
1084	#DIV/0!	*501-1000 ng/l*	196	C10H6Cl2	1-(1,2-DICHLOROETHENYL)-4-ETHYNYLBENZENE	
1115	#DIV/0!	*> 5000 ng/l*	196	C10H6Cl2	NAPHTHALENE, 1,4-DICHLORO-	
1131	#DIV/0!	*> 5000 ng/l*	160	C10H5Cl1	1-CHLOROETHYNYL-4-ETHYNYLBENZENE	
1161	#DIV/0!	*1000-5000 ng/l*	144	C10H8O1	2-NAPHTHALENOL	
1178	#DIV/0!	*300-500 ng/l*	196	C10H6Cl2	NAPHTHALENE, 1,4-DICHLORO-	
1183	#DIV/0!	*1000-5000 ng/l*	196	C10H6Cl2	NAPHTHALENE, 1,4-DICHLORO-	
1203	#DIV/0!	*<= 150 ng/l*	143	C10H9N1	2-NAPHTHALENAMINE	
1214	#DIV/0!	*151-300 ng/l*	166	C13H10	9H-FLUORENE	
1280	#DIV/0!	*501-1000 ng/l*	190	C7H7CL1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	
1324	#DIV/0!	*<= 150 ng/l*	181	C6H3N3O4	BENZOFURAZAN, 4-NITRO-, 1-OXIDE	
1356	#DIV/0!	*<= 150 ng/l*	196	C10H6CL2	NAPHTHALENE, 2,3-DICHLORO-	
1448	#DIV/0!	*501-1000 ng/l*	222	C12H8CL2	1,1'-BIPHENYL, 2,6-DICHLORO-	
1449	#DIV/0!	*501-1000 ng/l*	222	C12H8CL2	1,1'-BIPHENYL, 2,6-DICHLORO-	
1481	#DIV/0!	*300-500 ng/l*	222	C12H8CL2	1,1'-BIPHENYL, 4,4'-DICHLORO-	
1485	#DIV/0!	*300-500 ng/l*	222	C12H8Cl2	1,1'-BIPHENYL, 2,3-DICHLORO-	
1535	#DIV/0!	*> 5000 ng/l*	230	C10H5CL3	NAPHTHALENE, 1,3,7-TRICHLORO-	
1586	#DIV/0!	*501-1000 ng/l*	212	C10H6Cl2O1	1-NAPHTHALENOL, 2,4-DICHLORO-	
1622	#DIV/0!	*300-500 ng/l*	230	C10H5CL3	NAPHTHALENE, 1,3,7-TRICHLORO-	
1640	#DIV/0!	*<= 150 ng/l*	184	C9H9Cl1O2	1,3-DIOXOLANE, 2-(4-CHLOROPHENYL)-	
1646	#DIV/0!	*300-500 ng/l*	222	C12H8CL2	4,4'-DICHLORBIPHENYL	
1660	#DIV/0!	*151-300 ng/l*	256	C12H7CL3	1,1'-BIPHENYL, 2,3',4-TRICHLORO-	
1685	#DIV/0!	*151-300 ng/l*	222	C12H8CL2	1,1´-BIPHENYL, 4,4´-DICHLORO-	
1712	#DIV/0!	*1000-5000 ng/l*	178	C14H10	ANTHRACENE	
1734	#DIV/0!	*1000-5000 ng/l*	230	C10H5CL3	NAPHTHALENE, 1,3,7-TRICHLORO-	
1737	#DIV/0!	*1000-5000 ng/l*	230	C10H5CL3	NAPHTHALENE, 1,3,7-TRICHLORO-	
1793	#DIV/0!	*151-300 ng/l*	256	S8	SULFUR, MOL, (S8)	
1795	#DIV/0!	*151-300 ng/l*	256	S8	SULFUR, MOL, (S8)	
1821	#DIV/0!	*501-1000 ng/l*	226	C11H8CL2O1	2,4-DICHLORO-1-METHOXY-NAPHTHALENE	
1835	#DIV/0!	*151-300 ng/l*	256	C12H7CL3	1,1'-BIPHENYL, TRICHLORO-	
1837	#DIV/0!	*151-300 ng/l*	256	C12H7CL3	1,1'-BIPHENYL, TRICHLORO-	
1842	#DIV/0!	*<= 150 ng/l*	256	S8	SULFUR, MOL, (S8)	
1887	#DIV/0!	*<= 150 ng/l*	256	S8	SULFUR, MOL, (S8)	
1901	#DIV/0!	*<= 150 ng/l*	256	S8	SULFUR, MOL, (S8)	

1911	#DIV/0!	*151-300 ng/l*	256	S8	SULFUR, MOL, (S8)	
1917	#DIV/0!	*<= 150 ng/l*	256	S8	SULFUR, MOL, (S8)	
1925	#DIV/0!	*<= 150 ng/l*	167	C12H9N1	9H-CARBAZOLE	
1931	#DIV/0!	*151-300 ng/l*	224	C10H20N6	4-AMINO-2-(1-AMINO-2-METHYLBUTYL)-6-DIMETHYLAMINO-1,3,5-TRIAZINE	
1932	#DIV/0!	*151-300 ng/l*	167	C12H9N1	CARBAZOLE	
1938	#DIV/0!	*<= 150 ng/l*	196	C12H8N2O1	9H-CARBAZOLE, 9-NITROSO-	
1948	#DIV/0!	*151-300 ng/l*	192	C15H12	1,1'-BIPHENYL, 2-(1-PROPINYL)-	
1950	#DIV/0!	*151-300 ng/l*	192	C15H12	ANTHRACENE, 1-METHYL-	
1961	#DIV/0!	*<= 150 ng/l*	192	C15H12	5H-DIBENZO[A,D]CYCLOHEPTENE	
1967	#DIV/0!	*151-300 ng/l*	192	C15H12	ANTHRACENE, 1-METHYL-	
1995	#DIV/0!	*300-500 ng/l*	190	C15H10	4H-CYCLOPENTA[DEF]PHENANTHRENE	
1988	#DIV/0!	*151-300 ng/l*	192	C15H12	PHENANTHRENE, 3-METHYL-	
2009	#DIV/0!	*151-300 ng/l*	235	C16H13N1O1	5H-DIBENZO[A,D]CYCLOHEPTENE-5-CARBOXAMIDE (8CI9CI)	
2013	#DIV/0!	*151-300 ng/l*	256	S8	SULFUR, MOL, (S8)	
2021	#DIV/0!	*151-300 ng/l*	192	C15H12	1,2-PROPADIEN, 1,1-DIPHENYL-	
2022	#DIV/0!	*151-300 ng/l*	191	C14H9N1	9H-FLUORENE-9-CARBONITRILE	
2034	#DIV/0!	*300-500 ng/l*	211	C10H7Cl2N1	5,7-DICHLORO-2-NAPHTHYLAMINE	
2094	#DIV/0!	*<= 150 ng/l*	256	S8	SULFUR, MOL, (S8)	
2097	#DIV/0!	*<= 150 ng/l*	256	S8	SULFUR, MOL, (S8)	
2106	#DIV/0!	*<= 150 ng/l*	256	S8	SULFUR, MOL, (S8)	
2132	#DIV/0!	*151-300 ng/l*	204	C16H12	NAPHTHALENE, 2-PHENYL-	
2133	#DIV/0!	*151-300 ng/l*	204	C16H12	2-PHENYLNAPHTHALENE	
2170	#DIV/0!	*151-300 ng/l*	206	C16H14	PHENANTHRENE, 4,5-DIMETHYL-	
2183	#DIV/0!	*151-300 ng/l*	269	C10H8Cl1N3O2S1	BENZENESULFONAMIDE, 4-CHLORO-N,N-DI(CYANOMETHYL)-	
2207	#DIV/0!	*<= 150 ng/l*	206	C16H14	PHENANTHRENE, 3,6-DIMETHYL-	
2235	#DIV/0!	*300-500 ng/l*	256	S8	SULFUR, MOL, (S8)	
2303	#DIV/0!	*151-300 ng/l*	266	C13H8Cl2O2	2-CHLOROBENZOIC ACID, 2-CHLOROPHENYL ESTER	
2315	#DIV/0!	*151-300 ng/l*	202	C16H10	FLUORANTHENE	
2318	#DIV/0!	*300-500 ng/l*	202	C16H10	FLUORANTHENE	
2329	#DIV/0!	*1000-5000 ng/l*	202	C16H10	PYRENE	
2339	#DIV/0!	*300-500 ng/l*	256	S8	SULFUR, MOL, (S8)	
2351	#DIV/0!	*1000-5000 ng/l*	256	S8	SULFUR, MOL, (S8)	
2354	#DIV/0!	*1000-5000 ng/l*	256	S8	SULFUR, MOL, (S8)	
2369	#DIV/0!	*> 5000 ng/l*	256	S8	CYCLOOCTASULFUR	
2376	#DIV/0!	*<= 150 ng/l*	256	S8	SULFUR, MOL, (S8)	
2420	#DIV/0!	*151-300 ng/l*	218	C16H10O1	BENZO[B]NAPHTHO[2,3-D]FURAN	
2423	#DIV/0!	*300-500 ng/l*	202	C16H10	PYRENE	
2432	#DIV/0!	*1000-5000 ng/l*	202	C16H10	PYRENE	
2450	#DIV/0!	*<= 150 ng/l*	204	C16H12	3,10B-DIHYDROFLUORANTHENE	
2463	#DIV/0!	*151-300 ng/l*	218	C16H10O1	BENZO[B]NAPHTHO[2,1-D]FURAN	
2492	#DIV/0!	*151-300 ng/l*	316	C14H8CL4	BENZENE, 1,1'-(DICHLOROETHENYLIDENE)BIS[4-CHLORO-	
2497	#DIV/0!	*300-500 ng/l*	316	C14H8CL4	BENZENE, 1,1'-(DICHLOROETHENYLIDENE)BIS[4-CHLORO-	
2499	#DIV/0!	*300-500 ng/l*	316	C14H8CL4	BENZENE, 1,1'-(DICHLOROETHENYLIDENE)BIS[4-CHLORO-	
2506	#DIV/0!	*151-300 ng/l*	218	C16H10O1	BENZO[KL]XANTHENE	
2508	#DIV/0!	*151-300 ng/l*	218	C16H10O1	BENZO[B]NAPHTHO[2,3-D]FURAN	
2553	#DIV/0!	*300-500 ng/l*	318	C14H10Cl4	P,P'-DDD	
2543	#DIV/0!	*300-500 ng/l*	202	C16H10	FLUORANTHENE	Coelution with chlorinated
2572	#DIV/0!	*<= 150 ng/l*	232	C18H16	2,3:6,7-DICYCLOPENTENOBIPHENYLENE	
2589	#DIV/0!	*151-300 ng/l*	216	C17H12	PYRENE, 1-METHYL-	
2588	#DIV/0!	*151-300 ng/l*	216	C17H12	PYRENE, 1-METHYL-	
2620	#DIV/0!	*300-500 ng/l*	216	C17H12	11H-BENZO[A]FLUORENE	
2636	#DIV/0!	*151-300 ng/l*	154	C6H9F3O1	2-HEXANONE, 1,1,1-TRIFLUORO-	
2654	#DIV/0!	*501-1000 ng/l*	216	C17H12	11H-BENZO[A]FLUORENE	
2671	#DIV/0!	*<= 150 ng/l*	232	C17H12O1	1-PYRENEMETHANOL	
2690	#DIV/0!	*151-300 ng/l*	202	C16H10	FLUORANTHENE	Coelution
2691	#DIV/0!	*151-300 ng/l*	202	C16H10	BENZENE, 1,1'-(1,3-BUTADIYNE-1,4-DIYL)BIS-	
2703	#DIV/0!	*151-300 ng/l*	216	C17H12	PYRENE, 1-METHYL-	Coelution with chlorinated
2699	#DIV/0!	*151-300 ng/l*	216	C17H12	FLUORANTHENE, 2-METHYL-	
2712	#DIV/0!	*<= 150 ng/l*	216	C17H12	PYRENE, 1-METHYL-	
2729	#DIV/0!	*151-300 ng/l*	318	C14H10Cl4	P,P'-DDD	Coelution with chlorinated
2737	#DIV/0!	*1000-5000 ng/l*	318	C14H10CL4	P,P'-DDD	
2735	#DIV/0!	*1000-5000 ng/l*	318	C14H10Cl4	MITOTANE	
2792	#DIV/0!	*1000-5000 ng/l*	338	C15H18CL4	1,1,1A,9B-TETRACHLORO-1A,1B,2,3,4,5,6,7,8,9,9A,9B-DODECAHYDROCYCLOPROPA[L]PHENANTHRENE	
2831	#DIV/0!	*> 5000 ng/l*	306	C16H9Cl3	1,2-DICHLORO-2-PHENYL-1-(4-CHLOROETHYNYL)PHENYLETHENE	
2840	#DIV/0!	*300-500 ng/l*	236	C16H9Cl1	1-CHLOROPYRENE	
2875	#DIV/0!	*151-300 ng/l*	237	C14H11N3O1	PYRIDO[2,3-D]PYRIMIDIN-5(8H)-ONE, 2-METHYL-4-PHENYL-	
2914	#DIV/0!	*<= 150 ng/l*	230	C16H10N2	BENZO(A)PHENAZINE	
2923	#DIV/0!	*300-500 ng/l*	306	C16H9Cl3	1,2-DICHLORO-2-PHENYL-1-(4-CHLOROETHYNYL)PHENYLETHENE	
2928	#DIV/0!	*151-300 ng/l*	236	C16H9Cl1	1-CHLOROPYRENE	
2950	#DIV/0!	*151-300 ng/l*	228	C18H12	CYCLOPENTA(CD)PYRENE, 3,4-DIHYDRO-	
2966	#DIV/0!	*1000-5000 ng/l*	306	C16H9Cl3	1,2-DICHLORO-2-PHENYL-1-(4-CHLOROETHYNYL)PHENYLETHENE	
2993	#DIV/0!	*<= 150 ng/l*	228	C16H8N2	TOLAN, 4,4'-DICYANO-	
3005	#DIV/0!	*501-1000 ng/l*	236	C16H9Cl1	1-CHLOROPYRENE	

3010	#DIV/0!	*501-1000 ng/l*	236	C16H9Cl1	1-CHLOROPYRENE	
3032	#DIV/0!	*<= 150 ng/l*	234	C16H10S1	BENZO[B]NAPHTHO[2,1-D]THIOPHENE	
3033	#DIV/0!	*<= 150 ng/l*	234	C16H10S1	BENZO[B]NAPHTHO[2,1-D]THIOPHENE	
3057	#DIV/0!	*501-1000 ng/l*				Unknown BP 308
3050	#DIV/0!	*501-1000 ng/l*				Unknown BP 105 chlorinated
3073	#DIV/0!	*1000-5000 ng/l*	228	C18H12	BENZ[A]ANTHRACENE	
3095	#DIV/0!	*501-1000 ng/l*	228	C18H12	BENZ[A]ANTHRACENE	
3096	#DIV/0!	*501-1000 ng/l*	228	C18H12	BENZ[A]ANTHRACENE	
3109	#DIV/0!	*151-300 ng/l*	228	C18H12	CYCLOPENTA(CD)PYRENE, 3,4-DIHYDRO-	
3148	#DIV/0!	*151-300 ng/l*	372	C13H6CL6		
3162	#DIV/0!	*151-300 ng/l*	242	C19H14	BENZ[A]ANTHRACENE, 8-METHYL-	
3224	#DIV/0!	*151-300 ng/l*	298	C17H8Cl2O1	2,4-PENTADIYN-1-ONE, 1,5-BIS(4-CHLOROPHENYL)-	
3226	#DIV/0!	*151-300 ng/l*	304	C16H7Cl3	PYRENE, 1,6,8-TRICHLORO-	
3254	#DIV/0!	*<= 150 ng/l*	242	C14H10O4	BENZO[1,2-B:5,4-B']DIFURAN-4,8-DIONE, 5-METHYL-2-(1-METHYLETHENYL)-	
3277	#DIV/0!	*300-500 ng/l*	242	C19H14	CHRYSENE, 5-METHYL-	
3298	#DIV/0!	*151-300 ng/l*	242	C19H14	BENZ[A]ANTHRACENE, 7-METHYL-	
3300	#DIV/0!	*151-300 ng/l*	242	C19H14	CHRYSENE, 6-METHYL-	
3345	#DIV/0!	*501-1000 ng/l*	328	C22H16O3	1,1'-BINAPHTHYL-2,2'-DIOL, MONOACETAT	
3359	#DIV/0!	*<= 150 ng/l*	270	C20H14O1	NAPHTHALENE, 1,1'-OXYBIS-	
3416	#DIV/0!	*1000-5000 ng/l*	270	C20H14O1	NAPHTHALENE, 1-(2-NAPHTHALENYLOXY)-	
3470	#DIV/0!	*151-300 ng/l*	270	C20H14O1	9-BENZYLIDENEXANTHENE	
3565	#DIV/0!	*<= 150 ng/l*				Unknown BP 268
3602	#DIV/0!	*501-1000 ng/l*	252	C20H12	BENZO[A]PYRENE	
3615	#DIV/0!	*151-300 ng/l*	252	C20H12	BENZO[A]PYRENE	
3624	#DIV/0!	*<= 150 ng/l*	268	C20H12O1	DINAPHTHO[2,1-B:1',2'-D]FURAN	
3644	#DIV/0!	*151-300 ng/l*	252	C20H12	PERYLENE	
3665	#DIV/0!	*151-300 ng/l*	268	C20H12O1	DINAPHTHO[1,2-B:1',2'-D]FURAN	
3666	#DIV/0!	*151-300 ng/l*	268	C20H12O1	DINAPHTHO[1,2-B:1',2'-D]FURAN	
3716	#DIV/0!	*1000-5000 ng/l*	268	C20H12O1	DINAPHTHO[1,2-B:1',2'-D]FURAN	
3733	#DIV/0!	*151-300 ng/l*	252	C20H12	BENZO[E]PYRENE	
3752	#DIV/0!	*300-500 ng/l*	252	C20H12	BENZO[A]PYRENE	
3773	#DIV/0!	*<= 150 ng/l*	268	C21H16	3-BENZYLIDEN-3,8-DIHYDROCYCLOHEPT[E]INDENE	
3791	#DIV/0!	*<= 150 ng/l*	252	C20H12	BENZO[E]PYRENE	
3801	#DIV/0!	*151-300 ng/l*	210	C6H4Cl2O2S1	BENZENESULFONYL CHLORIDE, 4-CHLORO-	
3800	#DIV/0!	*151-300 ng/l*				Unknown BP 252
3849	#DIV/0!	*<= 150 ng/l*	266	C21H14	8H-INDENO[2,1-B]PHENANTHRENE	
3872	#DIV/0!	*<= 150 ng/l*	266	C21H14	8H-INDENO[2,1-B]PHENANTHRENE	
3892	#DIV/0!	*<= 150 ng/l*	266	C21H14	PERYLENE, 3-METHYL-	
3946	#DIV/0!	*<= 150 ng/l*	264	C12H7B1Cl2O2	3,6-DICHLOROCATECHOL, CYCLIC PHENYLBORONATE	
4084	#DIV/0!	*151-300 ng/l*	364	C23H25CL1N2	BENZENAMINE, 4,4'-[(2-CHLOROPHENYL)METHYLENE]BIS[N,N-DIMETHYL-	
4235	#DIV/0!	*1000-5000 ng/l*				Unknown BP 296
4229	#DIV/0!	*1000-5000 ng/l*	296	C21H12O2	DINAPHTHO[2,3-B:1',2'-D]PYRAN-7-ONE	
4239	#DIV/0!	*300-500 ng/l*	278	C22H14	BENZO[B]TRIPHENYLENE	
4246	#DIV/0!	*<= 150 ng/l*				Unknown BP 420
4251	#DIV/0!	*<= 150 ng/l*	278	C22H14	1,2:7,8-DIBENZOPHENANTHRENE	
4276	#DIV/0!	*<= 150 ng/l*	278	C22H14	DIBENZ[A,H]ANTHRACENE	
4298	#DIV/0!	*300-500 ng/l*	296	C21H12O2	DINAPHTHO[2,3-B:1',2'-D]PYRAN-7-ONE	
4317	#DIV/0!	*151-300 ng/l*	276	C22H12	DIBENZO[DEF,MNO]CHRYSENE	
4375	#DIV/0!	*<= 150 ng/l*	276	C22H12	DIBENZO[DEF,MNO]CHRYSENE	
4739	#DIV/0!	*<= 150 ng/l*				Unknown BP 463 chlorinated
4742	#DIV/0!	*<= 150 ng/l*				Unknown BP 463 chlorinated
4889	#DIV/0!	*<= 150 ng/l*				Unknown BP 303
4893	#DIV/0!	*<= 150 ng/l*				Unknown BP 302
4902	#DIV/0!	*<= 150 ng/l*				Unknown BP 302
4963	#DIV/0!	*<= 150 ng/l*				Unknown BP 303
5949	#DIV/0!	*<= 150 ng/l*	326	C26H14	ACENAPHTHO[1,2-J]FLUORANTHENE	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:8 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Feststoffe Sondierbohrungen

Probe SM4870_KBF06-01_10-13m

SM4870F	Ret. Time	µg/kg	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				283	*Amount of peaks detected*	
				ID		
				TIC		
				Unknown		
1705	18.30	**8'591**	178	C14H10	PHENANTHRENE	
1729	18.51	**3'216**	178	C14H10	ANTHRACENE	
2206	22.79	*3'461*	250	C13H8CL2O1	METHANONE, BIS(3-CHLOROPHENYL)-	or isomer
2315	23.77	**20'078**	202	C16H10	FLUORANTHENE	
2349	24.07	*2'323*	256	S8	SULFUR S8	from sulphur compound
2424	24.75	**17'036**	202	C16H10	PYRENE	
2614	26.45	*1'571*			UNKNOWN BP 215	
2651	26.78	*1'939*			UNKNOWN BP 232	
2732	27.51	*2'457*	318	C14H10CL4	P,P'-DDD	or isomer, from DDT; also traces of similar compounds at scans 2514, 2549 and 2839
2787	28.00	*1'335*			UNKNOWN BP 238	
2811	28.22	*4'040*			UNKNOWN BP 252	
3006	29.97	*1'209*	178	C12H18O1	2-N-HEXYLPHENOL	
3067	30.51	**10'100**	228	C18H12	BENZO[A]ANTHRACENE	
3089	30.71	**12'335**	228	C18H12	CHRYSENE	
3273	32.36	*782*	243	C18H13N1	9H-CARBAZOLE, 9-PHENYL-	or isomer
3694	36.14	*340*	302	C17H12CL2O1	1,4-PENTADIEN-3-ONE, 1,5-BIS(4-CHLOROPHENYL)-	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe SM4882_KBF06-02_3.8-5.4m

SM4882F	Ret. Time	µg/kg	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				385	*Amount of peaks detected*	
				ID		
				TIC		
				Unknown		
1705	18.30	**28'069**	178	C14H10	PHENANTHRENE	
2311	23.73	**50'908**	202	C16H10	FLUORANTHENE	
2422	24.73	**38'505**	202	C16H10	PYRENE	
2540	25.79	*2'407*			UNKNOWN BP 215	
3065	30.50	**15'738**	228	C18H12	BENZ[A]ANTHRACENE	
3087	30.70	**19'472**	228	C18H12	CHRYSENE	
3271	32.35	*3'063*	242	C19H14	BENZ[A]ANTHRACENE, 8-METHYL-	or isomer
3598	35.28	**32'364**	252	C20H12	BENZO[B]FLUORANTHENE & BENZO[K]FLUORANTHENE	
3636	35.62	*1'068*	252	C20H12	BENZO[E]PYRENE	isomer
3720	36.37	*1'833*	252	C20H12	BENZO[A]PYRENE	isomer
3743	36.58	**14'046**	252	C20H12	BENZO[A]PYRENE	
4200	40.68	*3'146*	276	C22H12	INDENO[1,2,3-CD]PYRENE	
4303	41.61	*1'417*	276	C22H12	UNKNOWN BP 276	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:9 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

RWB laboratoire SA

Probe SM5252_KBF06-04_2.2-6.6m

SM5252F	Ret. Time	µg/kg	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				293	*Amount of peaks detected*	
				ID		
				TIC		
				Unknown		
1203	13.79	*5'608*	166	C13H10	1H-PHENALENE	or isomer
1699	18.24	**1'178**	178	C14H10	PHENANTHRENE	
1717	18.40	*15'783*			UNKNOWN BP 187	
1724	18.46	**351**	178	C14H10	ANTHRACENE	
1917	20.20	*7'264*	252	C10H16N6O2	1,2,4-TRIAZINE-5-CARBOXAMIDE, N-METHYL-6-(1-METHYL-3-PROPYLUREIDO)-	or isomer
1938	20.38	*7'787*	192	C15H12	UNKNOWN BP 191	
1956	20.55	*14'294*	192	C15H12	1,2:4,5-DIBENZOCYCLOHEPTEN	or isomer
1984	20.80	*12'644*				or isomer
2123	22.04	*7'670*	204	C16H12	ANTHRACENE, 9-ETHENYL-	
2306	23.69	**2'825**	202	C16H10	FLUORANTHENE	or isomer
2336	23.95	*107'791*			SULFUR S 8	
2406	24.58	*6'738*			UNKNOWN BP 218	
2415	24.66	**2'353**	202	C16H10	PYRENE	
2451	24.99	*8'859*	218	C16H10O1	BENZO[KL]XANTHENE	or isomer
2494	25.37	*7'845*	218	C16H10O1	BENZO[B]NAPHTHO[2,3-D]FURAN	or isomer
2608	26.39	*23'290*	216	C17H12	BENZANTHRENE	or isomer
2641	26.69	*32'538*	216	C17H12	11H-BENZO[A]FLUORENE	or isomer
2660	26.86	*7'284*			UNKNOWN BP 218	
2687	27.10	*8'417*			UNKNOWN BP 216	
2701	27.23	*6'826*	216	C17H12	BENZANTHRENE	
2796	28.08	*19'421*			UNKNOWN BP 72	
2856	28.62	*8'382*			UNKNOWN BP 214	
2916	29.16	*12'064*	234	C16H10S1	BENZO[B]NAPHTHO[2,1-D]THIOPHENE	or isomer
2927	29.26	*7'149*	226	C18H10	CYCLOPENTA[CD]PYRENE	or isomer
2940	29.37	*11'389*	228	C18H12	PYREN, 1-ETHENYL-	or isomer
3078	30.61	**1'560**	228	C18H12	CHRYSENE	
3095	30.76	*13'467*	228	C18H12	CYCLOPENTA(CD)PYRENE, 3,4-DIHYDRO-	or isomer
3151	31.27	*21'541*			UNKNOWN BP 216	
3242	32.08	*8'120*			UNKNOWN BP 241	
3264	32.28	*20'149*	242	C19H14	BENZ[A]ANTHRACENE, 8-METHYL-	or isomer
3286	32.48	*14'100*			UNKNOWN BP 217	
3335	32.92	*16'676*			UNKNOWN BP 239	
3584	35.15	**2'361**	252	C20H12	BENZO[B]FLUORANTHENE & BENZO[K]FLUORANTHENE	
3711	36.29	*23'539*	252	C20H12	BENZO[E]PYRENE	or isomer
3734	36.49	**1'336**	252	C20H12	BENZO[A]PYRENE	
3781	36.92	*19'299*	252	C20H12	BENZO[A]PYRENE	or isomer
3837	37.42	*12'954*			UNKNOWN BP 265	
3858	37.61	*14'328*	266	C21H14	8H-INDENO[2,1-B]PHENANTHRENE	or isomer
3931	38.26	*11'054*			UNKNOWN BP 263	
4190	40.59	*27'044*	276	C22H12	DIBENZO[DEF,MNO]CHRYSENE	or isomer
4215	40.81	**253**	278	C22H14	DIBENZ[A,H]ANTHRACENE	or isomer
4234	40.98	*7'412*			UNKNOWN BP 278	
4258	41.20	*9'249*	278	C22H14	NAPHTH[1,2-A]ANTHRACENE	or isomer
4275	41.35	*9'109*	278	C22H14	BENZO[B]TRIPHENYLENE	or isomer
4292	41.50	*19'171*	276	C22H12	DIBENZO[DEF,MNO]CHRYSENE	or isomer
4351	42.03	*10'037*			UNKNOWN BP 275	
4944	47.35	*5'298*	300	C24H12	CORONEN	or isomer
5931	56.20	*16'230*	326	C26H14	ACENAPHTHO[1,2-J]FLUORANTHEN	or isomer
5997	56.79	*12'913*	326	C26H14	RUBICENE	or isomer
6017	56.97	*17'522*	326	C26H14	ACENAPHTHO[1,2-J]FLUORANTHEN	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:3 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe SM5257_KBF06-05_4.9-5.3m

SM5257F	Ret. Time	µg/kg	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				26	*Amount of peaks detected*	
				ID		
				TIC		
				Unknown		
145	4.31	*1'930*	128	C10H8	NAPHTHALENE	
661	8.98	*43'635*	162	C10H7Cl1	NAPHTHALENE, 1-CHLORO-	or isomer
1079	12.76	*14'350*	196	C10H6Cl2	NAPHTHALENE, 1,4-DICHLORO-	or isomer
1116	13.09	*82'198*	196	C10H6Cl2	NAPHTHALENE, 1,3-DICHLORO-	or isomer
1175	13.62	*35'202*	196	C10H6CL2	NAPHTHALENE, 1,2-DICHLORO-	or isomer
1527	16.81	*70'178*	230	C10H5CL3	NAPHTHALENE, 1,3,7-TRICHLORO-	or isomer
1682	18.21	*8'005*	248	C14H10Cl2	BENZENE, 1,1'-(1,2-DICHLORO-1,2-ETHENEDIYL)BIS-, (E)-	or isomer
2043	21.47	*13'007*	278	C16H22O4	DIBUTYLPHTHALATE	or isomer
2112	22.09	*11'907*			UNKNOWN BP 160	
2371	24.44	*147'736*			UNKNOWN BP 165	
2400	24.70	*220'647*			UNKNOWN BP 163	
2835	28.63	*45'970*	240	C14H8S2	[1]BENZOTHIENO[3,2-B][1]BENZOTHIOPHENE	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:3 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe SM5266_KBF06-06_7-7.2m

SM5266F	Ret. Time	µg/kg	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				243	*Amount of peaks detected*	
				ID		
				TIC		
				Unknown		
138	4.24	*10'729*	128	C10H8	NAPHTHALENE	
426	6.82	*6'023*	142	C11H10	NAPHTHALENE, 2-METHYL-	
473	7.24	*4'626*	142	C11H10	NAPHTHALENE, 1-METHYL-	
675	9.06	*5'178*	154	C12H10	1,1'-BIPHENYL	or isomer
717	9.43	*6'630*			UNKNOWN BP 43	
939	11.43	**157**	154	C12H10	ACENAPHTENE	
1023	12.18	*7'467*	168	C12H8O1	DIBENZOFURAN	or isomer
1112	12.98	*4'050*	170	C13H14	NAPHTHALENE, 2,3,6-TRIMETHYL-	or isomer
1179	13.58	*9'311*	154	C9H14O2	1,3-DIACETYL-CYCLOPENTANE	or isomer
1200	13.77	**127**	166	C13H10	FLUORENE	
1270	14.40	*8'354*			UNKNOWN BP 181	
1312	14.77	*8'389*	182	C13H10O1	9H-XANTHENE	or isomer
1544	16.86	*6'607*			UNKNOWN BP 195	
1585	17.22	*8'600*	196	C10H12O4	BENZALDEHYD, 2,4,5-TRIMETHOXY-	or isomer
1633	17.65	*13'813*	180	C13H8O1	9H-FLUOREN-9-ONE	or isomer
1697	18.23	**2'071**	178	C14H10	PHENANTHRENE	
1915	20.19	*16'152*			UNKNOWN BP 166	
1935	20.36	*14'945*			UNKNOWN BP 191	
1953	20.53	*21'540*	192	C15H12	BENZENE, 1,1'- (1,2-PROPADIENYLIDENE) BIS-	or isomer
1981	20.78	*21'433*			UNKNOWN BP 189	
1996	20.91	*15'890*			UNKNOWN BP 191	
2006	21.00	*15'672*			UNKNOWN BP 192	
2120	22.02	*17'601*			UNKNOWN BP 204	
2157	22.36	*11'833*			UNKNOWN BP 206	
2217	22.90	*18'166*			UNKNOWN BP 206	
2249	23.18	*13'513*			UNKNOWN BP 206	
2305	23.69	**5'294**	202	C16H10	FLUORANTHENE	
2368	24.25	*22'480*			UNKNOWN BP 208	
2415	24.67	**5'058**	202	C16H10	PYRENE	or isomer
2452	25.00	*20'824*			UNKNOWN BP 218	
2491	25.35	*19'006*	218	C16H10O1	BENZO[KL]XANTHENE	or isomer, BP 218
2533	25.73	*19'569*	216	C17H12	FLUORANTHENE, 2-METHYL-	or isomer
2558	25.96	*11'958*			UNKNOWN BP 232	
2574	26.10	*18'266*			UNKNOWN BP 215	
2605	26.38	*21'236*	216	C17H12	FLUORANTHENE, 2-METHYL-	or isomer, BP 215/216
2641	26.70	*30'014*			UNKNOWN BP 215	
2686	27.10	*16'455*			UNKNOWN BP 215	
2698	27.21	*15'083*			UNKNOWN BP 215	
2827	28.37	*14'691*			UNKNOWN BP 229	
2895	28.98	*17'579*	230	C17H10O1	7H-BENZ[DE]ANTHRACEN-7-ONE	or isomer
2914	29.15	*15'198*	234	C16H10S1	BENZO[B]NAPHTHO[2,1-D]THIOPHENE	or isomer
2926	29.26	*13'858*	226	C18H10	CYCLOPENTA[CD]PYRENE	or isomer
2938	29.37	*14'792*	228	C18H12	BENZO [A] ANTHRACENE	or isomer
2975	29.70	*13'461*			UNKNOWN BP 229	
3006	29.98	*11'738*			UNKNOWN BP 178	
3027	30.16	*16'634*	230	C17H10O1	7H-BENZ[DE]ANTHRACEN-7-ONE	or isomer
3057	30.43	**2'783**	228	C18H12	BENZ[A]ANTHRACENE	
3078	30.62	**3'321**	228	C18H12	CHRYSENE	
3094	30.77	*13'464*			UNKNOWN BP 228	
3147	31.24	*15'962*			UNKNOWN BP 217	
3239	32.07	*10'287*			UNKNOWN BP 241	
3261	32.26	*15'525*			UNKNOWN BP 241	
3284	32.47	*11'883*	217	C16H11N1	1-AMINOPYRENE	or isomer, BP 217
3317	32.77	*10'179*			UNKNOWN BP 239	
3586	35.18	**7'248**	252	C20H12	BENZO[B]FLUORANTHENE & BENZO[K]FLUORANTHENE	
3713	36.32	*12'041*	252	C20H12	BENZO[A]PYRENE	or isomer
3735	36.52	**3'717**	252	C20H12	BENZO[A]PYRENE	
3782	36.94	*6'464*	252	C20H12	BENZO[A]PYRENE	or isomer
4192	40.62	**3'349**	276	C22H12	INDENO[1,2,3-CD]PYRENE	
4293	41.53	**3'081**	276	C22H12	BENZO[GHI]PERYLENE	
5930	56.22	*2'405*	326	C26H14	RUBICENE	or isomer
6017	57.00	*1'784*	326	C26H14	ACENAPHTHO[1,2-J]FLUORANTHENE	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:3 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe SM5268_KBF06-06_7.2-11.1m

SM5268F	Ret. Time	µg/kg	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				80	*Amount of peaks detected*	
				ID		
				TIC		
				Unknown		
1026	12.20	*1'863*	168	C12H8O1	DIBENZOFURAN	or isomer
1084	12.72	*1'607*	256	S8	SULFUR, MOL, (S8)	
1203	13.79	*3'568*	166	C13H10	1H-PHENALENE	or isomer
1315	14.80	*2'496*	182	C13H10O1	XANTHEN	or isomer
1547	16.88	*1'229*			UNKNOWN BP 195	
1630	17.62	*2'083*	184	C12H8S1	DIBENZOTHIOPHENE	or isomer
1701	18.26	**1'839**	178	C14H10	PHENANTRENE	
1726	18.48	**692**	178	C14H10	ANTHRACENE	
1918	20.20	*3'262*	167	C12H9N1	9H-CARBAZOLE	or isomer
1938	20.38	*2'966*	192	C15H12	5H-DIBENZO[A,D]CYCLOHEPTENE	or isomer
1957	20.55	*3'949*	192	C15H12	1,1'-BIPHENYL, 2-(1-PROPINYL)-	or isomer
1984	20.80	*4'478*	190	C15H10	6H-CYCLOBUTA[JK]PHENANTHRENE	or isomer
1999	20.93	*2'648*	192	C15H12	1H-CYCLOPROPA[L]PHENANTHRENE, 1A,9B-DIHYDRO-	or isomer
2010	21.03	*2'618*	210	C15H14O1	10,11-DIHYDRO-5H-DIBENZO(A,D)CYCLOHEPTEN-5-OL	or isomer
2124	22.05	*3'079*	204	C16H12	NAPHTHALENE, 1-PHENYL-	or isomer
2310	23.72	**6'485**	202	C16H10	FLUORANTHENE	
2346	24.04	*2'914*			SULFUR S8	
2418	24.69	**5'414**	202	C16H10	PYRENE	
2454	25.01	*2'833*			UNKNOWN BP 218	
2495	25.38	*2'434*	218	C16H10O1	BENZO[KL]XANTHENE	or isomer, BP 218
2537	25.76	*3'367*	215	C12H13N3O1	1,2-BENZENEDIAMINE, 4-(4-AMINOPHENOXY)-	or isomer
2609	26.40	*4'207*	216	C17H12	BENZANTHRENE	or isomer
2643	26.71	*6'460*	216	C17H12	BENZANTHRENE	or isomer
2689	27.12	*2'373*	216	C17H12	PYRENE, 4-METHYL-	or isomer
2917	29.17	*3'005*	234	C16H10S1	BENZO[B]NAPHTHO[2,1-D]THIOPHENE	or isomer
2941	29.38	*3'249*	228	C18H12	PYREN, 1-ETHENYL-	or isomer
2978	29.71	*3'526*			UKNOWN BP 218	
3030	30.18	*6'602*	390	C24H38O4	DI-(2-ETHYLHEXYL) PHTALATE	or isomer
3060	30.45	**2'974**	228	C18H12	BENZ[A]ANTHRACENE	
3081	30.64	**3'670**	228	C18H12	CHRYSENE	
3154	31.29	*4'515*	217	C16H11N1	BENZO[A]CARBAZOL	or isomer
3244	32.10	*3'019*			UNKNOWN BP 241	
3265	32.29	*5'549*			UNKNOWN BP 241	
3288	32.49	*3'997*			UNKNOWN BP 241	
3337	32.93	*4'384*	242	C19H14	BENZ[A]ANTHRACENE, 7-METHYL-	or isomer
3587	35.18	**7'181**	252	C20H12	BENZO[B]FLUORANTHENE & BENZO[K]FLUORANTHENE	
3630	35.56	*4'057*	252	C20H12	BENZO[A]PYRENE	or isomer
3714	36.32	*6'360*	252	C20H12	BENZO[A]PYRENE	or isomer
3736	36.51	**3'636**	252	C20H12	BENZO[A]PYRENE	
3783	36.93	*4'579*	252	C20H12	BENZO[A]PYRENE	or isomer
3860	37.63	*3'229*			UNKNOWN BP 266	
4193	40.61	**2'987**	276	C22H12	INDENO[1,2,3-CD]PYRENE	
4260	41.21	*1'880*	278	C22H14	BENZO[B]TRIPHENYLENE	or isomer
4295	41.53	**2'721**	276	C22H12	BENZO[GHI]PERYLENE	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:3 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe SM5269_KBF0-06_11.1-11.9m

SM5269F	Ret. Time	µg/kg	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				191	*Amount of peaks detected*	
				ID		
				TIC		
				Unknown		**grosse bosse**
2100	21.84	13'766			UNKNOWN BP 145	
2481	25.26	*10'245*	284	C18H36O2	OCTADECANOIC ACID	
2675	27.00	*6'144*			UNKNOWN BP 43	aliphatic compound
2754	27.71	*6'163*	318	C14H10Cl4	O,P'-DDD	or isomer, from DDT
3018	30.08	*2'252*			ALCANE	
3066	30.51	*23'334*	390	C24H38O4	BIS(2-ETHYLHEXYL) PHTHALATE	
3201	31.72	*2'762*			UNKNOWN BP 43	aliphatic compound
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:3 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Eluate

Probe 1475

CI1475a	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				124	*Amount of peaks detected*	
				ID		
				TIC		
				Unknown		
31	3.42	*856*	94	C5H6N2	PYRAZINE, METHYL-	or isomer
52	3.70	*705*	112	C6H5Cl1	BENZENE, CHLORO-	or isomer
86	4.15	*1'059*	102	C6H14O1	1-PENTANOL, 4-METHYL-	or isomer
106	4.42	*3'399*	114	C7H14O1	3-HEPTANONE	or isomer
112	4.50	*2'016*	114	C7H14O1	2-HEPTANONE	or isomer
149	5.00	*567*	108	C6H8N2	PYRAZINE, 2,5-DIMETHYL-	or isomer
155	5.08	*773*	108	C6H8N2	PYRAZINE, 2,3-DIMETHYL-	or isomer
172	5.31	*623*	114	C6H10O2	2,5-HEXANEDIONE	or isomer
193	5.59	*2'556*	130	C8H18O1	3-HEPTANOL, 3-METHYL-	or isomer
204	5.74	*1'824*	112	C7H12O1	CYCLOHEXANONE, 2-METHYL-	or isomer
215	5.89	*810*	128	C8H16O1	2-HEPTANONE, 6-METHYL-	or isomer
246	6.30	*769*	128	C8H16O1	4-OCTANONE	or isomer
270	6.63	*3'657*	128	C8H16O1	3-OCTANONE	or isomer
278	6.73	*3'715*	128	C8H16O1	OCTAN-2-ONE	or isomer
320	7.30	*775*	154	C10H18O1	7-OXABICYCLO[2,2.1]HEPTANE, 1-METHYL-4-(1-METHYLETHYL)-	or isomer
329	7.42	*351*	134	C10H14	BENZENE, 1-METHYL-3-(1-METHYLETHYL)-	or isomer
338	7.54	*2'507*	134	C10H14	BENZENE, 1-METHYL-4-(1-METHYLETHYL)-	or isomer
340	7.57	*2'496*	134	C10H14	BENZENE, 1-METHYL-3-(1-METHYLETHYL)-	or isomer
352	7.73	*31'744*	154	C10H18O1	EUCALYPTOL	or isomer
366	7.91	*1'332*	126	C8H14O1	3,5-OCTADIEN-2-OL	or isomer
379	8.09	*1'078*	168	C11H20O1	1,7-NONADIEN-4-OL, 4,8-DIMETHYL-	or isomer
386	8.18	*528*	128	C7H12O2	2,6-HEPTADION	or isomer
393	8.28	*3'677*	110	C7H10O1	2-CYCLOHEXEN-1-ONE, 3-METHYL-	or isomer
415	8.57	*1'933*	120	C8H8O1	ACETOPHENONE	or isomer
426	8.72	*3'696*	144	C6H8O4	2-FURANCARBOXYLIC ACID, TETRAHYDRO-3-METHYL-5-OXO-	or isomer
428	8.75	*3'821*	142	C9H18O1	5-NONANONE	or isomer
455	9.11	*10'505*	142	C9H18O1	3-NONANONE	or isomer
464	9.23	*1'381*	142	C9H18O1	2-NONANONE	or isomer
489	9.57	*2'741*	152	C10H16O1	ACETALDEHYDE, (3,3-DIMETHYLCYCLOHEXYLIDENE)-, (E)-	or isomer
493	9.62	*1'838*	120	C7H8N2	PYRAZINE, (1-METHYLETHENYL)-	or isomer
497	9.67	*948*	100	C6H12O1	1-PENTEN-3-OL, 2-METHYL-	or isomer
508	9.82	*5'931*	154	C10H18O1	BICYCLO[2,2.1]HEPTAN-2-OL, 1,5,5-TRIMETHYL-	or isomer
519	9.97	*39'197*	158	C10H22O1	5-NONANOL, 5-METHYL-	or isomer
522	10.01	*39'197*	158	C10H22O1	5-NONANOL, 5-METHYL-	or isomer
532	10.14	*1'503*	170	C11H22O1	UNDECAN-6-ONE	or isomer
552	10.41	*2'639*	138	C9H14O1	BICYCLO[3,1.1]HEPTAN-2-ONE, 6,6-DIMETHYL-, (1R)-	or isomer
556	10.47	*7'055*	158	C10H22O1	3-NONANOL, 3-METHYL-	or isomer
567	10.61	*7'606*	152	C10H16O1	BICYCLO[2,2.1]HEPTAN-2-ONE, 1,7,7-TRIMETHYL-, (1S)-	or isomer
582	10.82	*1'038*	154	C10H18O1	BICYCLO[2,2.1]HEPTAN-2-OL, 2,3,3-TRIMETHYL-	or isomer
599	11.04	*5'506*	154	C10H18O1	BICYCLO[2,2.1]HEPTAN-2-OL, 1,7,7-TRIMETHYL-	or isomer
615	11.26	*18'067*	154	C10H18O1	ISOBORNEOL	or isomer
616	11.27	*18'067*	154	C10H18O1	1,7,7-TRIMETHYL-BICYCLO[2,2.1]HEPTAN-2-OL	or isomer
639	11.58	*9'944*	206	C12H14O3	5-OXO-5-P-TOLYL-PENTANOIC ACID	or isomer
646	11.67	*5'085*	154	C10H18O1	L-,ALPHA.-TERPINEOL	or isomer
660	11.86	*21'795*	154	C10H18O1	3-CYCLOHEXENE-1-METHANOL, ,ALPHA.,.ALPHA.,4-TRIMETHYL-	or isomer
664	11.92	*22'689*	192	C8H17BR1		or isomer
679	12.12	*4'026*	150	C10H14O1	BICYCLO[3,1.1]HEPT-3-EN-2-ONE, 4,6,6-TRIMETHYL-, (1S)-	or isomer
677	12.09	*4'026*	170	C9H14O3	4H-1,3-DIOXIN-4-ONE, 2-(1,1-DIMETHYLETHYL)-6-METHYL-, (R)-	or isomer
691	12.28	*7'013*	170	C10H18O2	2-OXABICYCLO[2,2.2]OCTAN-6-OL, 1,3,3-TRIMETHYL-	or isomer
711	12.55	*1'790*	135	C7H5N1S1	BENZOTHIAZOLE	or isomer
719	12.66	*9'221*	170	C10H18O2	2-OXABICYCLO[2,2.2]OCTAN-6-OL, 1,3,3-TRIMETHYL-	or isomer
721	12.68	*9'400*	170	C10H18O2	2-OXABICYCLO[2,2.2]OCTAN-6-OL, 1,3,3-TRIMETHYL-	or isomer
738	12.91	*1'554*	158	C10H22O1	2,6-DIMETHYL-2-OCTANOL	or isomer
746	13.02	*2'446*	150	C10H14O1	2-CYCLOHEXEN-1-ONE, 2-METHYL-5-(1-METHYLETHENYL)-	or isomer
758	13.18	*1'360*	136	C10H16	BICYCLO[4,1.0]HEPT-3-ENE, 3,7,7-TRIMETHYL-, (1S)-	or isomer
768	13.31	*1'869*	152	C10H16O1	2-CYCLOHEXEN-1-ONE, 6-METHYL-3-(1-METHYLETHYL)-	or isomer
776	13.42	*1'580*	220	C11H12N2O3	OXITRIPTAN	or isomer
803	13.78	*1'972*	112	C6H8O2	2-CYCLOPENTEN-1-ONE, 2-HYDROXY-3-METHYL-	or isomer
812	13.90	*2'852*	214	C12H22O3	HEXANOIC ACID, ANHYDRIDE	or isomer
845	14.35	*11'156*	170	C9H14O3	2-HEXENOIC ACID, 3,4,4-TRIMETHYL-5-OXO-, (Z)-	or isomer
952	15.78	*5'008*	191	C6H3Cl2N1O2	BENZENE, 1,4-DICHLORO-2-NITRO-	or isomer
951	15.77	*5'008*	191	C6H3Cl2N1O2	BENZENE, 1,4-DICHLORO-2-NITRO-	or isomer
972	16.05	*2'833*	128	C8H16O1	3-HEPTANONE, 2-METHYL-	or isomer

Probe 1475 (Folge)

1006	16.51	*8'380*	168	C10H16O2	S-(+)-5-(1-HYDROXY-1-METHYLETHYL)-2-METHYL-2-CYCLOHEXEN-1-ONE	or isomer
1022	16.72	*2'953*	180	C12H20O1	(+)-(1R,2R,4R,7R)-7-ISOPROPYL-5-METHYL-5-BICYCLO[2,2.2]OCTEN-2-OL	or isomer
1070	17.37	*4'301*	168	C10H16O2	S-(+)-5-(1-HYDROXY-1-METHYLETHYL)-2-METHYL-2-CYCLOHEXEN-1-ONE	or isomer
1116	17.99	*2'062*	220	C14H20O2	2,5-CYCLOHEXADIEN-1,4-DION, 2,6-BIS(1,1-DIMETHYLETHYL)-	or isomer
1143	18.35	*2'330*	222	C15H26O1	LEDOL	or isomer
1144	18.36	*2'330*	222	C14H22O2	2-HYDROXY-2,4,4-TRIMETHYL-3-(3-METHYLBUTA-1,3-DIENYL)CYCLOHEXANONE	or isomer
1165	18.64	*2'504*	183	C9H10CL1N1O1	BENZAMIDE, 2-CHLORO-N,N-DIMETHYL-	or isomer
1174	18.77	*1'855*	136	C10H16	1R-,ALPHA.-PINENE	or isomer
1197	19.07	*1'952*	206	C14H22O1	PHENOL, 2,5-BIS(1,1-DIMETHYLETHYL)-	or isomer
1202	19.14	*2'542*	266	C12H27O4P1	PHOSPHORIC ACID TRIBUTYL ESTER	or isomer
1252	19.81	*5'413*	190	C7H7CL1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	or isomer
1317	20.69	*3'773*	222	C12H14O4	DIETHYL PHTHALATE	or isomer
1318	20.70	*3'773*	222	C12H14O4	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	or isomer
1329	20.85	*3'721*	136	C10H16	BICYCLO[4,1.0]HEPT-3-ENE, 3,7,7-TRIMETHYL-, (1S)-	or isomer
1368	21.37	*63'153*	211	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	or isomer
1382	21.56	*7'774*	182	C13H10O1	BENZOPHENONE	or isomer
1398	21.77	*3'443*	196	C13H24O1	2,2,6,ALPHA.,7.ALPHA.,-TETRAMETHYL-BICYCLO(4.3.0)NONAN-1.BETA.-OL	or isomer
1399	21.79	*3'635*	196	C13H24O1	2,2,6,ALPHA.,7.ALPHA.,-TETRAMETHYL-BICYCLO(4.3.0)NONAN-1.BETA.-OL	or isomer
1418	22.04	*7'418*	211	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	or isomer
1434	22.26	*5'718*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1435	22.27	*5'718*	212	C16H20	2,6-DIISOPROPYLNAPHTHALENE	or isomer
1445	22.40	*2'480*	210	C16H18	NAPHTHALIN, 2-ISOPROPENYL-6-ISOPROPYL-	or isomer
1459	22.59	*2'742*	136	C10H16	1R-,ALPHA.-PINENE	or isomer
1467	22.70	*3'628*	274	C21H22	1-PROPENE, 3-(2-CYCLOPENTENYL)-2-METHYL-1,1-DIPHENYL-	or isomer
1481	22.89	*1'983*	136	C10H16	L-LIMONENE	or isomer
1491	23.02	*5'457*	236	C18H20	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-3-PHENYL-	or isomer
1493	23.05	*5'457*	236	C18H20	1H-INDENE, 2,3-DIHYDRO-1,1,3-TRIMETHYL-3-PHENYL-	or isomer
1502	23.17	*2'283*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1510	23.28	*2'407*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1516	23.36	*2'625*	212	C16H20	NAPHTHALIN, 2,6-DIISOPROPYL-	or isomer
1552	23.84	*8'124*	210	C16H18	1,1'-BIPHENYL, 2,2',5,5'-TETRAMETHYL-	or isomer
1563	23.99	*15'467*	222	C8H5Cl3O1	ETHANONE, 2-CHLORO-1-(2,4-DICHLOROPHENYL)-	or isomer
1575	24.15	*92'785*	201	C7H12N5CL1	6-CHLORO-N,N'-DIETHYL-[1,3,5]TRIAZINE-2,4-DIAMINE	**Simazine**
1580	24.22	*28'521*	229	C9H16Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-BIS(1-METHYLETHYL)-	or isomer
1584	24.27	*15'823*	229	C9H16Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-BIS(1-METHYLETHYL)-	**Propazine**
1622	24.78	*2'455*	459	C15H10Cl5N1O3S1	BENZAMIDE, 2,4-DICHLORO-N-(2,2,2,-TRICHLORO-1-PHENYLSULFONYLETHYL)-	or isomer
1655	25.22	*10'680*	199	C7H13N5S1	2-AMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE	or isomer
1710	25.96	*61'189*	278	C16H22O4	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL) ESTER	or isomer
1773	26.81	*5'144*	238	C17H18O1	1-BUTANONE, 3-METHYL-1,3-DIPHENYL-	or isomer
1774	26.82	*5'262*	238	C17H18O1	1-BUTANONE, 3-METHYL-1,3-DIPHENYL-	or isomer
1785	26.97	*52'710*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	**Prometryne**
1829	27.56	*5'530*	278	C16H22O4	DIBUTYL PHTHALATE	or isomer
2006	29.94	*7'528*	195	C14H13N1	CARBAZOLE, 2,5-DIMETHYL-	or isomer
2043	30.43	*6'242*	235	C16H13N1O1	5-ACETYL-5H-DIBENZ[B,F]AZEPINE	**Carbamazepine metabolite**
2184	32.33	*4'230*	257	C10H19N5O1S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLSULFINYL)-	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:5 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Probe 1476

CI1476a	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				ID		
				TIC		
				Unknown		
53	3.71	*501-1000 ng/l*	112	C6H5CL1	BENZENE, CHLORO-	
514	9.90	*501-1000 ng/l*	160	C7H6Cl2	BENZENE, 1,2-DICHLORO-3-METHYL-	or isomer
952	15.78	*1000-5000 ng/l*	191	C6H3CL2N1O2	BENZENE, 1,4-DICHLORO-2-NITRO-	or isomer
1057	17.19	*501-1000 ng/l*	167	C8H9N1O3	NITROBENZOL, 2-HYDROXY-3,5-DIMETHYL-	or isomer
1201	19.13	*501-1000 ng/l*	266	C12H27O4P1	PHOSPHORIC ACID, TRIBUTYL ESTER	or isomer
1249	19.77	*1000-5000 ng/l*	190	C7H7Cl1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	or isomer
1318	20.70	*1000-5000 ng/l*	222	C12H14O4	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	or isomer
1363	21.30	*> 5000 ng/l*	211	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	or isomer
1396	21.74	*1000-5000 ng/l*	168	C12H8O1	DIBENZOFURAN	or isomer
1417	22.03	*1000-5000 ng/l*	211	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	or isomer
1551	23.82	*> 5000 ng/l*	225	C10H19N5O1	PROMETON	or isomer
1563	23.99	*> 5000 ng/l*	244	C9H6CL2N2O2	5-(2-,4-DICHLOROPHENYL)-3-METHYL-1,2,4-OXADIAZOLE 4-OXIDE	or isomer
1568	24.05	*> 5000 ng/l*	201	C7H12CL1N5	2,4-BIS(ETHYLAMINO)-6-CHLOR-1,3,5-TRIAZIN	or isomer
1572	24.11	*> 5000 ng/l*	215	C8H14CL1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-N'-(1-METHYLETHYL)-	Atrazine
1579	24.20	*> 5000 ng/l*	229	C9H16Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-BIS(1-METHYLETHYL)-	Propazine
1621	24.76	*1000-5000 ng/l*	222	C8H5Cl3O1	ETHANONE, 2-CHLORO-1-(2,4-DICHLOROPHENYL)-	or isomer
1636	24.97	*1000-5000 ng/l*	364	C27H40	ACENAPHTHYLENE, 1,2-DIHYDRO-5-PENTADECYL-	or isomer
1653	25.19	*> 5000 ng/l*	199	C7H13N5S1	2-AMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE	or isomer
1768	26.74	*1000-5000 ng/l*	242	C7H2O1CL4	2,3,6-TRICHLORO-BENZOYL CHLORIDE	or isomer
1790	27.03	*> 5000 ng/l*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	Prometryne
1829	27.56	*501-1000 ng/l*	278	C16H22O4	DIBUTYLPHTHALATE	or isomer
2006	29.93	*> 5000 ng/l*	285	C17H16Cl1N1O1	DIBENZO[B,F]PERHYDROAZEPINE, 11-(3-CHLORO-1-OXOPROPYL)-	or isomer
2044	30.44	*> 5000 ng/l*	235	C16H13N1O1	5-ACETYL-5H-DIBENZ[B,F]AZEPINE	or isomer
2169	32.12	*1000-5000 ng/l*	286	C12H8Cl2O2S1	BENZENE, 1,1'-SULFONYLBIS[4-CHLORO-	or isomer
2185	32.34	*1000-5000 ng/l*	293	C12H11N3O4S1	TOLUENE-4-SULFONAMIDE, 2-NITRO-N-(3-PYRIDYL)-	or isomer
2479	36.28	*501-1000 ng/l*	390	C24H38O4	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	or isomer
2967	42.84	*1000-5000 ng/l*	225	C15H15N1O1	1-PROPANONE, 1-PHENYL-2-PHENYLAMINO-	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:5 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

RWB laboratoire SA

Probe 1477

CI1477a	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				ID		
				TIC		
				Unknown		
53	3.71	*501-1000 ng/l*	112	C6H5Cl1	BENZENE, CHLORO-	
369	7.95	*501-1000 ng/l*	108	C7H8O1	BENZENEMETHANOL	
514	9.90	*300-500 ng/l*	160	C7H6Cl2	BENZENE, 1,2-DICHLORO-3-METHYL-	or isomer
847	14.37	*501-1000 ng/l*	157	C9H19N1O1	FORMAMIDE, N,N-DIBUTYL-	or isomer
902	15.11	*151-300 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 2,3-DICHLORO-	or isomer
952	15.78	*1000-5000 ng/l*	191	C6H3CL2N1O2	BENZENE, 1,4-DICHLORO-2-NITRO-	or isomer
1057	17.19	*501-1000 ng/l*	167	C7H5N1O4	1,3-BENZODIOXOLE, 5-NITRO-	or isomer
1201	19.13	*501-1000 ng/l*	266	C12H27O4P1	TRIBUTYL PHOSPHATE	or isomer
1248	19.76	*1000-5000 ng/l*	190	C7H7Cl1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	or isomer
1318	20.70	*1000-5000 ng/l*	222	C12H14O4	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER	or isomer
1321	20.74	*1000-5000 ng/l*	197	C9H5Cl2N1	QUINOLINE, 4,7-DICHLORO-	or isomer
1362	21.29	*> 5000 ng/l*	211	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	
1392	21.69	*1000-5000 ng/l*				UNKNOWN BP 168
1417	22.03	*1000-5000 ng/l*	211	C10H10Cl1N1O2	UNKNOWN_F3T_BP 139	
1551	23.83	*> 5000 ng/l*	225	C10H19N5O1	PROMETON	
1561	23.96	*> 5000 ng/l*	201	C7H12Cl1N5	SIMAZINE	
1576	24.16	*> 5000 ng/l*	168	C8H8O4	ETHANONE, 1-(2,4,6-TRIHYDROXYPHENYL)-	
1575	24.15	*> 5000 ng/l*	229	C9H16Cl1N5	1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N,N'-BIS(1-METHYLETHYL)-	Propazine
1620	24.75	*501-1000 ng/l*	459	C15H10Cl5N1O3S1	BENZAMIDE, 2,4-DICHLORO-N-(2,2,2,-TRICHLORO-1-PHENYLSULFONYLETHYL)-	
1633	24.93	*1000-5000 ng/l*	209	C14H11N1O1	9-ACETYLCARBAZOLE	
1650	25.16	*> 5000 ng/l*	199	C7H13N5S1	2-AMINO-4-ISOPROPYLAMINO-6-METHYLTHIO-1,3,5-TRIAZINE	
1691	25.71	*1000-5000 ng/l*	324	C20H24N2O2	BIPHENYL-2,2'-DICARBOXAMIDE, N,N'-BISISOPROPYL-	
1701	25.84	*> 5000 ng/l*				UNKNOWN BP 252
1702	25.85	*> 5000 ng/l*				UNKNOWN BP 252
1769	26.75	*501-1000 ng/l*	242	C7H2O1CL4	2,3,6-TRICHLORO-BENZOYL CHLORIDE	
1785	26.97	*> 5000 ng/l*	241	C10H19N5S1	1,3,5-TRIAZINE-2,4-DIAMINE, N,N'-BIS(1-METHYLETHYL)-6-(METHYLTHIO)-	Prometryne
1828	27.55	*501-1000 ng/l*	278	C16H22O4	DIBUTYLPHTHALATE	
1999	29.84	*501-1000 ng/l*	278	C13H8Cl2N2O1	7-CHLORO-2-(O-CHLOROPHENYL)-1,2-DIHYDRO-3H-INDAZOL-3-ONE	
2005	29.92	*1000-5000 ng/l*	195	C14H13N1	CARBAZOLE, 2,5-DIMETHYL-	
2043	30.43	*> 5000 ng/l*	235	C16H13N1O1	5-ACETYL-5H-DIBENZ[B,F]AZEPINE	Carbamazepine metabolite
2169	32.13	*1000-5000 ng/l*	286	C12H8Cl2O2S1	BENZENE, 1,1'-SULFONYLBIS[4-CHLORO-	
2479	36.29	*501-1000 ng/l*	390	C24H38O4	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	
2967	42.84	*1000-5000 ng/l*	225	C15H15N1O1	1-PHENYL-2-PHENYLAMINO-PROPAN-1-ONE	
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:5 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

RWB laboratoire SA

Probe 1478

CI1478a	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				ID		
				TIC		
				Unknown		
60	3.81	*> 5000 ng/l*	112	C6H5Cl1	BENZENE, CHLORO-	
85	4.14	*1000-5000 ng/l*	106	C8H10	BENZENE, 1,3-DIMETHYL-	or isomer
109	4.46	*501-1000 ng/l*	114	C7H14O1	3-HEPTANONE	or isomer
116	4.56	*1000-5000 ng/l*	106	C8H10	BENZENE, 1,3-DIMETHYL-	or isomer
231	6.10	*1000-5000 ng/l*	106	C7H6O1	BENZALDEHYDE	or isomer
273	6.67	*1000-5000 ng/l*	198	C10H11Cl1O2	BUTANOIC ACID, 4-CHLOROPHENYL ESTER	or isomer
281	6.78	*1000-5000 ng/l*	128	C8H16O1	2-OCTANONE	or isomer
303	7.07	*1000-5000 ng/l*	146	C6H4Cl2	BENZENE, 1,2-DICHLORO-	
321	7.31	*1000-5000 ng/l*	146	C6H4Cl2	BENZENE, 1,2-DICHLORO-	
339	7.55	*501-1000 ng/l*	134	C10H14	BENZENE, 1-METHYL-3-(1-METHYLETHYL)-	or isomer
354	7.76	*> 5000 ng/l*	154	C10H18O1	EUCALYPTOL	or isomer
355	7.77	*> 5000 ng/l*	154	C10H18O1	1,8-CINEOLE	or isomer
457	9.14	*1000-5000 ng/l*	142	C9H18O1	3-NONANONE	or isomer
516	9.93	*1000-5000 ng/l*	160	C7H6CL2	BENZENE, 2,4-DICHLORO-1-METHYL-	or isomer
523	10.03	*> 5000 ng/l*	158	C10H22O1	5-NONANOL, 5-METHYL-	or isomer
560	10.52	*1000-5000 ng/l*	158	C10H22O1	3-NONANOL, 3-METHYL-	or isomer
570	10.66	*> 5000 ng/l*	152	C10H16O1	BICYCLO[2,2.1]HEPTAN-2-ONE, 1,7,7-TRIMETHYL-, (1S)-	or isomer
590	10.93	*> 5000 ng/l*	132	C10H12	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-	or isomer
618	11.30	*1000-5000 ng/l*	122	C8H10O1	PHENOL, 3,4-DIMETHYL-	or isomer
637	11.56	*> 5000 ng/l*	128	C10H8	NAPHTHALENE	
666	11.95	*> 5000 ng/l*	136	C9H12O1	PHENOL, 2-ETHYL-4-METHYL-	or isomer
679	12.12	*> 5000 ng/l*	180	C6H3CL3	BENZENE, 1,2,3-TRICHLORO-	
856	14.50	*> 5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 5-CHLORO-2-METHYL-	or isomer
863	14.59	*> 5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 5-CHLORO-2-METHYL-	or isomer
889	14.94	*> 5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 5-CHLORO-2-METHYL-	or isomer
913	15.27	*> 5000 ng/l*	161	C6H5CL2N1	BENZENAMINE, 2,5-DICHLORO-	
931	15.51	*> 5000 ng/l*	161	C6H5CL2N1	BENZENAMINE, 2,5-DICHLORO-	
949	15.75	*> 5000 ng/l*	196	C6H3Cl3O1	PHENOL, 2,4,5-TRICHLORO-	or isomer
1022	16.73	*> 5000 ng/l*	170	C12H10O1	DIPHENYL ETHER	or isomer
1069	17.36	*1000-5000 ng/l*	208	C11H12O2S1		or isomer
1329	20.86	*> 5000 ng/l*	286	C16H30O4	PROPANOIC ACID, 2-METHYL-, 1-(1,1-DIMETHYLETHYL)-2-METHYL-1,3-PROPANEDIYL ESTER	or isomer
1334	20.92	*> 5000 ng/l*	144	C10H8O1	2-NAPHTHALENOL	or isomer
1390	21.68	*> 5000 ng/l*	182	C13H10O1	BENZOPHENON	or isomer
1438	22.32	*> 5000 ng/l*	213	C11H19N1O3	L-LEUCINE, N-CYCLOPROPYLCARBONYL-, METHYL ESTER	or isomer
1551	23.84	*> 5000 ng/l*	189	C12H15N1O1	BENZOYLPIPERIDINE	or isomer
1722	26.14	*> 5000 ng/l*	278	C16H22O4	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-METHYLPROPYL) ESTER	or isomer
1744	26.43	*1000-5000 ng/l*	219	C12H10CL1N1O1	BENZENAMINE, 4-(4-CHLOROPHENOXY)-	or isomer
1782	26.94	*> 5000 ng/l*	238	C17H18O1	1-BUTANONE, 3-METHYL-1,3-DIPHENYL-	or isomer
1836	27.67	*> 5000 ng/l*	278	C16H22O4	DIBUTYLPHTHALATE	or isomer
1888	28.37	*> 5000 ng/l*	141	C6H4CL1N1O1	BENZENE, 1-CHLORO-4-NITROSO-	or isomer
2087	31.04	*> 5000 ng/l*	247	C13H13N1O2S1	BENZENESULFONAMIDE, 4-METHYL-N-PHENYL-	or isomer
2550	37.26	*> 5000 ng/l*	286	C20H14O2	[1,1'-BINAPHTHALENE]-2,2'-DIOL	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:5 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

RWB laboratoire SA

Probe 1479

CI1479a	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				ID		
				TIC		
				Unknown		
57	3.77	*> 5000 ng/l*	112	C6H5Cl1	BENZENE, CHLORO-	
85	4.14	*1000-5000 ng/l*	106	C8H10	P-XYLENE	
115	4.55	*1000-5000 ng/l*	106	C8H10	O-XYLENE	
302	7.06	*1000-5000 ng/l*	146	C6H4Cl2	BENZENE, 1,3-DICHLORO-	
320	7.30	*1000-5000 ng/l*	146	C6H4Cl2	BENZENE, 1,4-DICHLORO-	
351	7.72	*1000-5000 ng/l*	146	C6H4Cl2	BENZENE, 1,3-DICHLORO-	
426	8.72	*1000-5000 ng/l*	234	C2Cl6	ETHANE, HEXACHLORO-	
514	9.91	*1000-5000 ng/l*	160	C7H6Cl2	BENZENE, 2,4-DICHLORO-1-METHYL-	or isomer
529	10.11	*501-1000 ng/l*	127	C6H6Cl1N1	O-CHLOROANILINE	
589	10.91	*1000-5000 ng/l*	132	C10H12	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-	or isomer
634	11.52	*1000-5000 ng/l*	128	C10H8	NAPHTHALENE	
676	12.08	*1000-5000 ng/l*	180	C6H3Cl3	BENZENE, 1,3,5-TRICHLORO-	
692	12.30	*1000-5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 2-CHLORO-6-METHYL-	or isomer
835	14.22	*> 5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 2-CHLORO-6-METHYL-	or isomer
849	14.41	*> 5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 5-CHLORO-2-METHYL-	or isomer
858	14.53	*> 5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 5-CHLORO-2-METHYL-	or isomer
905	15.16	*> 5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 2,4-DICHLORO-	2,4 & 2,5
959	15.88	*1000-5000 ng/l*	206	C8H5Cl3	BENZENE, 2,4-DICHLORO-1-(2-CHLOROETHENYL)-	
979	16.15	*1000-5000 ng/l*	146	C10H10O1	1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-	
1010	16.57	*1000-5000 ng/l*				UNKNOWN BP 182
1017	16.66	*> 5000 ng/l*	170	C12H10O1	BENZENE, 1,1'-OXYBIS-	or isomer
1020	16.70	*1000-5000 ng/l*	170	C12H10O1	DIPHENYL ETHER	or isomer
1037	16.93	*1000-5000 ng/l*	175	C7H7Cl2N1	2,6-DICHLORO-3-METHYLANILINE	or isomer
1064	17.30	*> 5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 3,4-DICHLORO-	
1174	18.77	*1000-5000 ng/l*	175	C7H7Cl2N1	2,6-DICHLORO-3-METHYLANILINE	or isomer
1227	19.49	*> 5000 ng/l*	160	C10H8O2	4H-1-BENZOPYRAN-4-ONE, 2-METHYL-	or isomer
1371	21.42	*1000-5000 ng/l*	169	C12H11N1	BENZENEAMINE, N-PHENYL-	or isomer
1410	21.94	*1000-5000 ng/l*	266	C12H27O4P1	PHOSPHORIC ACID, TRIBUTYL ESTER	Coelution, with Dinitro-chloro-benzene ?
1474	22.80	*> 5000 ng/l*	226	C12H22N2O2	CROTETAMIDE	or isomer
1635	24.97	*> 5000 ng/l*	214	C14H14O2	BENZENE, 1,1'-[1,2-ETHANEDIYLBIS(OXY)]BIS-	or isomer
1636	24.98	*> 5000 ng/l*	214	C14H14O2	BENZENE, 1,1'-[1,2-ETHANEDIYLBIS(OXY)]BIS-	or isomer
1734	26.30	*> 5000 ng/l*	219	C12H10CL1N1O1	BENZENAMINE, 4-(4-CHLOROPHENOXY)-	or isomer
1800	27.18	*1000-5000 ng/l*	250	C13H8CL2O1	4,4'-DICHLORBENZOPHENON	or isomer
1836	27.67	*> 5000 ng/l*	248	C13H12O3S1	PHENYL PARA-TOLUENESULFONATE	or isomer
1860	27.99	*> 5000 ng/l*				UNKNOWN BP 72
1884	28.31	*> 5000 ng/l*	250	C13H8Cl2O1	4,4'-DICHLOROBENZOPHENONE	or isomer
2010	30.00	*> 5000 ng/l*				UNKNOWN BP 253, chlorinated
2101	31.23	*> 5000 ng/l*	247	C13H13N1O2S1	BENZENESULFONAMIDE, 4-METHYL-N-PHENYL-	or isomer
2184	32.34	*> 5000 ng/l*	324	C16H14Cl2O3	CHLOROBENZILATE	Coelution with UNKNOWN BP 203
2203	32.60	*1000-5000 ng/l*	318	C14H10Cl4	1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)ETHANE	or isomer
2236	33.04	*1000-5000 ng/l*				UNKNOWN BP 106
2446	35.86	*1000-5000 ng/l*	270	C20H14O1	NAPHTHALENE, 1-(2-NAPHTHALENYLOXY)-	or isomer
2559	37.38	*> 5000 ng/l*	286	C20H14O2	[1,1'-BINAPHTHALENE]-2,2'-DIOL	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:5 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

RWB laboratoire SA

Probe 1480

CI1480a	Ret. Time	ng/l	MW	Formula	Name	Comment
Scan #a	min.	(Area)				
				ID		
				TIC		
				Unknown		
56	3.75	*> 5000 ng/l*	112	C6H5Cl1	BENZENE, CHLORO-	
85	4.14	*1000-5000 ng/l*	106	C8H10	P-XYLENE	
116	4.56	*1000-5000 ng/l*	106	C8H10	O-XYLENE	
302	7.06	*1000-5000 ng/l*	146	C6H4Cl2	BENZENE, 1,3-DICHLORO-	
320	7.30	*1000-5000 ng/l*	146	C6H4Cl2	BENZENE, 1,4-DICHLORO-	
350	7.70	*> 5000 ng/l*	146	C6H4Cl2	BENZENE, 1,2-DICHLORO-	
425	8.71	*1000-5000 ng/l*	234	C2Cl6	ETHANE, HEXACHLORO-	
514	9.91	*1000-5000 ng/l*	160	C7H6Cl2	BENZENE, 1,3-DICHLORO-5-METHYL-	or isomer
528	10.09	*501-1000 ng/l*	127	C6H6Cl1N1	O-CHLOROANILINE	
588	10.90	*> 5000 ng/l*	132	C10H12	NAPHTHALENE, 1,2,3,4-TETRAHYDRO-	or isomer
618	11.30	*1000-5000 ng/l*	180	C6H3Cl3	BENZENE, 1,2,4-TRICHLORO-	
633	11.50	*1000-5000 ng/l*	128	C10H8	NAPHTHALENE	
676	12.08	*1000-5000 ng/l*	180	C6H3Cl3	BENZENE, 1,3,5-TRICHLORO-	
691	12.28	*1000-5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 2-CHLORO-6-METHYL-	or isomer
832	14.18	*> 5000 ng/l*	141	C7H8Cl1N1	5-CHLORO-2-METHYL-ANILINE	5-Chloro-2-methyl-aniline
843	14.33	*> 5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 5-CHLORO-2-METHYL-	Coelution with UNKNOWN BP 135
852	14.45	*> 5000 ng/l*	141	C7H8Cl1N1	BENZENAMINE, 5-CHLORO-2-METHYL-	or isomer
903	15.13	*> 5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 2,4-DICHLORO-	2,4 & 2,5
958	15.87	*> 5000 ng/l*	206	C8H5Cl3	BENZENE, 2,4-DICHLORO-1-(2-CHLOROETHENYL)-	or isomer
976	16.11	*1000-5000 ng/l*	146	C10H10O1	1(2H)-NAPHTHALENONE, 3,4-DIHYDRO-	or isomer
1012	16.60	*> 5000 ng/l*	164	C11H16O1	PHENOL, 4-(1,1-DIMETHYLPROPYL)-	or isomer
1008	16.54	*> 5000 ng/l*				UNKNOWN BP 182
1019	16.69	*> 5000 ng/l*	170	C12H10O1	BENZENE, 1,1'-OXYBIS-	or isomer
1036	16.92	*> 5000 ng/l*	175	C7H7Cl2N1	2,6-DICHLORO-3-METHYLANILINE	or isomer
1063	17.28	*> 5000 ng/l*	161	C6H5Cl2N1	BENZENAMINE, 3,4-DICHLORO-	
1118	18.02	*1000-5000 ng/l*	179	C10H13N1O2	CARBAMIC ACID, PHENYL-, 1-METHYLETHYL ESTER	or isomer
1172	18.75	*> 5000 ng/l*	175	C7H7Cl2N1	2,6-DICHLORO-3-METHYLANILINE	or isomer
1202	19.15	*> 5000 ng/l*				UNKNOWN BP 164
1204	19.18	*> 5000 ng/l*				UNKNOWN BP 179
1225	19.46	*> 5000 ng/l*	160	C10H8O2	4H-1-BENZOPYRAN-4-ONE, 2-METHYL-	or isomer
1253	19.83	*> 5000 ng/l*	190	C7H7Cl1O2S1	BENZENE, 1-CHLORO-4-(METHYLSULFONYL)-	or isomer
1315	20.67	*> 5000 ng/l*	214	C11H15CL1O2	BENZALDEHYD, 4-CHLORO-, DIETHYLACETAL	or isomer
1318	20.71	*1000-5000 ng/l*	222	C12H14O4	DIETHYL PHTHALATE	or isomer
1347	21.10	*> 5000 ng/l*	183	C9H10Cl1N1O1	ACETAMIDE, N-(3-CHLORO-5-METHYLPHENYL)-	or isomer
1370	21.41	*> 5000 ng/l*	169	C12H11N1	DIPHENYLAMINE	or isomer
1395	21.74	*1000-5000 ng/l*				UNKNOWN BP 206
1469	22.74	*> 5000 ng/l*	226	C12H22N2O2	CROTETAMIDE	Coelution with Hexachlorocyclohexane
1634	24.95	*> 5000 ng/l*	214	C14H14O2	BENZENE, 1,1'-[1,2-ETHANEDIYLBIS(OXY)]BIS-	or isomer
1636	24.98	*> 5000 ng/l*	214	C14H14O2	BENZENE, 1,1'-[1,2-ETHANEDIYLBIS(OXY)]BIS-	or isomer
1732	26.27	*> 5000 ng/l*	219	C12H10CL1N1O1	BENZENAMINE, 4-(4-CHLOROPHENOXY)-	or isomer
1799	27.17	*> 5000 ng/l*	250	C13H8Cl2O1	4,4'-DICHLOROBENZOPHENONE	or isomer
1836	27.67	*> 5000 ng/l*	248	C13H12O3S1	PHENYL PARA-TOLUENESULFONATE	or isomer
1856	27.94	*> 5000 ng/l*				UNKNOWN BP 72
1883	28.30	*> 5000 ng/l*	250	C13H8CL2O1	4,4'-DICHLORBENZOPHENON	or isomer
1919	28.78	*1000-5000 ng/l*				UNKNOWN BP 108
2007	29.96	*> 5000 ng/l*	253	C16H12Cl1N1	8-CHLORO-5-METHYL-2-PHENYLQUINOLINE	or isomer
2079	30.93	*> 5000 ng/l*				UNKNOWN BP 155
2096	31.16	*> 5000 ng/l*				UNKNOWN BP 86
2110	31.35	*> 5000 ng/l*	318	C14H10Cl4	1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)ETHANE	or isomer
2183	32.33	*> 5000 ng/l*	324	C16H14CL2O3	BENZENEACETIC ACID, 4-CHLORO-,ALPHA.-(4-CHLOROPHENYL)-.ALPHA.-HYDROXY-, ETHYL ESTER	Coelution with UNKNOWN BP 159
2178	32.26	*> 5000 ng/l*	286	C12H8Cl2O2S1	BENZENE, 1,1'-SULFONYLBIS[4-CHLORO-	or isomer
2201	32.57	*> 5000 ng/l*	318	C14H10Cl4	1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)ETHANE	or isomer
2225	32.89	*> 5000 ng/l*	252	C15H12N2S1	2,3-DIHYDRO-5-PHENYL-1H-1,4-BENZODIAZEPINE-2-THIONE	or isomer
2236	33.04	*> 5000 ng/l*				UNKNOWN BP 252
2423	35.55	*> 5000 ng/l*	252	C12H10Cl2N2	[1,1'-BIPHENYL]-4,4'-DIAMINE, 3,3'-DICHLORO-	or isomer
2446	35.86	*> 5000 ng/l*	270	C20H14O1	NAPHTHALENE, 1-(2-NAPHTHALENYLOXY)-	or isomer
2480	36.32	*1000-5000 ng/l*	390	C24H38O4	1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER	or isomer
2556	37.34	*> 5000 ng/l*	286	C20H14O2	[1,1'-BINAPHTHALENE]-2,2'-DIOL	or isomer
2588	37.77	*> 5000 ng/l*	270	C20H14O1	NAPHTHALENE, 1-(2-NAPHTHALENYLOXY)-	or isomer
2662	38.76	*1000-5000 ng/l*	226	C12H22N2O2	CROTETAMIDE	or isomer
ID limit:70% Int.Ratio:0.30(3.33) 0.0% max.BPI Sens:5 Width:broad						
Values in **bold** : quantification with a Standard-compound						
Values in *italic* : semi-quantification (areas ratio with ISTD; Response factor = 1)						

Laborresultate

b) Prüfberichte Prof. Dr. M. Oehme

Laborresultate

c) Untersuchungsbericht Bodenluft. Labor DVGW, Karlsruhe

Probenbezeichnung	F3c 4 bis 10 m	**Labornummer**	06106-G1
Entnahmedatum	15.06.06	**Labor-Eingangsdatum**	22.06.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106

Untersuchungsparameter			Einheit	Spez.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	
Toluol		C_7H_8	mg/m³	0,1	
Ethylbenzol		C_8H_{10}	mg/m³	0,1	
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	
Summe BTEX			mg/m³	ber.	
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	0,152
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr.
Summe FCKW			mg/m³	ber.	0,152
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m³	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m³	0,002	< Bgr.
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	~8,1
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	0,868
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~15,3
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	0,964
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~22,2
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	
Summe CKW			mg/m³	ber.	~47,4

Probenbezeichnung	E3 aussen 6 bis 7 m	**Labornummer**	06106-G2
Entnahmedatum	15.06.06	**Labor-Eingangsdatum**	22.06.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106

Untersuchungsparameter			Einheit	Spez.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m^3	0,1	
Toluol		C_7H_8	mg/m^3	0,1	
Ethylbenzol		C_8H_{10}	mg/m^3	0,1	
o-,m-,p-Xylole		C_8H_{10}	mg/m^3	0,1	
Summe BTEX			mg/m^3	ber.	
Restkohlenwasserstoffe ber. als Hexan			mg/m^3	0,1	
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m^3	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m^3	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m^3	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m^3	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m^3	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m^3	0,002	< Bgr.
Summe FCKW			mg/m^3	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m^3	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m^3	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m^3	0,002	< Bgr.
Tetrachlormethan		CCl_4	mg/m^3	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m^3	0,1	1,9
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,02	< Bgr.
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	3,3
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	< Bgr.
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m^3	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m^3	0,002	0,476
Tetrachlorethen	PER	C_2Cl_4	mg/m^3	0,001	
Summe CKW			mg/m^3	ber.	5,7

Probenbezeichnung	E3 aussen 11 bis 12 m	**Labornummer**	06106-G3
Entnahmedatum	15.06.06	**Labor-Eingangsdatum**	22.06.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106

Untersuchungsparameter			Einheit	Spez.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m^3	0,1	
Toluol		C_7H_8	mg/m^3	0,1	
Ethylbenzol		C_8H_{10}	mg/m^3	0,1	
o-,m-,p-Xylole		C_8H_{10}	mg/m^3	0,1	
Summe BTEX			mg/m^3	ber.	
Restkohlenwasserstoffe ber. als Hexan			mg/m^3	0,1	
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m^3	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m^3	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m^3	0,005	0,168
Trichlorfluormethan	R11	CCl_3F	mg/m^3	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m^3	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m^3	0,002	< Bgr.
Summe FCKW			mg/m^3	ber.	0,168
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m^3	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m^3	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m^3	0,002	< Bgr.
Tetrachlormethan		CCl_4	mg/m^3	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m^3	0,1	~44,0
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,02	0,26
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	3,4
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	< Bgr.
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m^3	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m^3	0,002	~2,4
Tetrachlorethen	PER	C_2Cl_4	mg/m^3	0,001	
Summe CKW			mg/m^3	ber.	~50,1

Probenbezeichnung	C3 5,5 bis 6,5 m	**Labornummer**	06106-G4
Entnahmedatum	16.06.06	**Labor-Eingangsdatum**	22.06.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106

Untersuchungsparameter			Einheit	Spez.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m^3	0,1	
Toluol		C_7H_8	mg/m^3	0,1	
Ethylbenzol		C_8H_{10}	mg/m^3	0,1	
o-,m-,p-Xylole		C_8H_{10}	mg/m^3	0,1	
Summe BTEX			mg/m^3	ber.	
Restkohlenwasserstoffe ber. als Hexan			mg/m^3	0,1	
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m^3	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m^3	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m^3	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m^3	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m^3	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m^3	0,002	< Bgr.
Summe FCKW			mg/m^3	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m^3	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m^3	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m^3	0,002	~1,06
Tetrachlormethan		CCl_4	mg/m^3	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m^3	0,1	< Bgr.
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,02	< Bgr.
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	< Bgr.
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	< Bgr.
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m^3	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m^3	0,002	~48,8
Tetrachlorethen	PER	C_2Cl_4	mg/m^3	0,001	
Summe CKW			mg/m^3	ber.	~49,9

Probenbezeichnung	C3 10 bis 11 m	**Labornummer**	06106-G5
Entnahmedatum	16.06.06	**Labor-Eingangsdatum**	22.06.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106

Untersuchungsparameter			Einheit	Spez.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	
Toluol		C_7H_8	mg/m³	0,1	
Ethylbenzol		C_8H_{10}	mg/m³	0,1	
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	
Summe BTEX			mg/m³	ber.	
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr.
Summe FCKW			mg/m³	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m³	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m³	0,002	~2,3
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	< Bgr.
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	< Bgr.
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	< Bgr.
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	< Bgr.
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~108,0
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	
Summe CKW			mg/m³	ber.	~110,3

Probenbezeichnung	D4b 3 bis 4 m	**Labornummer**	06106-G6
Entnahmedatum	16.06.06	**Labor-Eingangsdatum**	22.06.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106

Untersuchungsparameter			Einheit	Spez.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	
Toluol		C_7H_8	mg/m³	0,1	
Ethylbenzol		C_8H_{10}	mg/m³	0,1	
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	
Summe BTEX			mg/m³	ber.	
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr.
Summe FCKW			mg/m³	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m³	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m³	0,002	0,578
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	< Bgr.
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	< Bgr.
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~11,1
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	1,6
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~53,4
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	
Summe CKW			mg/m³	ber.	~66,7

Probenbezeichnung	D4b 8 bis 9 m	**Labornummer**	06106-G7
Entnahmedatum	16.06.06	**Labor-Eingangsdatum**	22.06.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106

Untersuchungsparameter			Einheit	Spez.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m^3	0,1	
Toluol		C_7H_8	mg/m^3	0,1	
Ethylbenzol		C_8H_{10}	mg/m^3	0,1	
o-,m-,p-Xylole		C_8H_{10}	mg/m^3	0,1	
Summe BTEX			mg/m^3	ber.	
Restkohlenwasserstoffe ber. als Hexan			mg/m^3	0,1	
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m^3	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m^3	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m^3	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m^3	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m^3	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m^3	0,002	< Bgr.
Summe FCKW			mg/m^3	ber.	< Bgr.
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m^3	0,3	< Bgr
Dichlormethan		CH_2Cl_2	mg/m^3	0,05	< Bgr
Chloroform		$CHCl_3$	mg/m^3	0,002	0,047
Tetrachlormethan		CCl_4	mg/m^3	0,001	< Bgr
Vinylchlorid		C_2H_3Cl	mg/m^3	0,1	~7,3
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,02	~1,2
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	~194
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	~4,7
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,02	< Bgr
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,05	< Bgr
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m^3	0,001	< Bgr
Trichlorethen	TRI	C_2HCl_3	mg/m^3	0,002	~99,3
Tetrachlorethen	PER	C_2Cl_4	mg/m^3	0,001	
Summe CKW			mg/m^3	ber.	~307

Probenbezeichnung	D4b 10 bis 11 m	**Labornummer**	06106-G8
Entnahmedatum	16.06.06	**Labor-Eingangsdatum**	22.06.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106

Untersuchungsparameter			Einheit	Spez.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	
Toluol		C_7H_8	mg/m³	0,1	
Ethylbenzol		C_8H_{10}	mg/m³	0,1	
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	
Summe BTEX			mg/m³	ber.	
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	< Bgr
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr
Summe FCKW			mg/m³	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr
Dichlormethan		CH_2Cl_2	mg/m³	0,05	0,292
Chloroform		$CHCl_3$	mg/m³	0,002	0,082
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	~715
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	~17,9
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~4.710
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~215
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~1.355
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	
Summe CKW			mg/m³	ber.	~7.013

Abkürzungen

Bgr	Bestimmungsgrenze

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Dipl.-Ing. (FH) Kerstin Kröger

Probenbezeichnung	147M C4b 10-11m	**Labornummer**	06106-G15
Entnahmedatum	24.08.2006	**Labor-Eingangsdatum**	28.08.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106-3

Untersuchungsparameter			Einheit	Bgr.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m^3	0,1	0,4
Toluol		C_7H_8	mg/m^3	0,1	0,8
Ethylbenzol		C_8H_{10}	mg/m^3	0,1	0,4
o-,m-,p-Xylole		C_8H_{10}	mg/m^3	0,1	1,0
Summe BTEX			mg/m^3	ber.	2,6
Restkohlenwasserstoffe ber. als Hexan			mg/m^3	0,1	< Bgr.
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m^3	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m^3	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m^3	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m^3	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m^3	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m^3	0,002	< Bgr.
Summe FCKW			mg/m^3	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m^3	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m^3	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m^3	0,002	1,4
Tetrachlormethan		CCl_4	mg/m^3	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m^3	0,1	< Bgr.
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,02	< Bgr.
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	4,3
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m^3	0,05	< Bgr.
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m^3	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m^3	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m^3	0,002	~54
Tetrachlorethen	PER	C_2Cl_4	mg/m^3	0,001	~323
Summe CKW			mg/m^3	ber.	~382,7

In dieser Probe wurde Chlorbenzol nachgewiesen.

Probenbezeichnung	147M D4b 8-9m	**Labornummer**	06106-G16
Entnahmedatum	24.08.2006	**Labor-Eingangsdatum**	28.08.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106-3

Untersuchungsparameter			Einheit	Bgr.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	4,2
Toluol		C_7H_8	mg/m³	0,1	3,5
Ethylbenzol		C_8H_{10}	mg/m³	0,1	32,0
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	~303
Summe BTEX			mg/m³	ber.	342,7
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	< Bgr.
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr.
Summe FCKW			mg/m³	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m³	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m³	0,002	< Bgr.
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	~68
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	~6
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~1.303
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~59
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~486
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	~6.637
Summe CKW			mg/m³	ber.	8.560

In dieser Probe wurde Chlorbenzol nachgewiesen.

Probenbezeichnung	147M E3 10-11m	**Labornummer**	06106-G17
Entnahmedatum	24.08.2006	**Labor-Eingangsdatum**	28.08.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106-3

Untersuchungsparameter			Einheit	Bgr.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	~43
Toluol		C_7H_8	mg/m³	0,1	15,0
Ethylbenzol		C_8H_{10}	mg/m³	0,1	3,1
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	6,2
Summe BTEX			mg/m³	ber.	76,3
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	88,7
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr.
Summe FCKW			mg/m³	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m³	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m³	0,002	0,405
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	~220
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	1,9
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~55
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	3,5
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~20
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	~13
Summe CKW			mg/m³	ber.	313,8

In dieser Probe wurde Chlorbenzol nachgewiesen.

Probenbezeichnung	E3 10-11m	**Labornummer**	06106-G18
Entnahmedatum	25.08.2006	**Labor-Eingangsdatum**	28.08.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106-3

Untersuchungsparameter			Einheit	Bgr.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	0,2
Toluol		C_7H_8	mg/m³	0,1	0,5
Ethylbenzol		C_8H_{10}	mg/m³	0,1	4,2
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	~43
Summe BTEX			mg/m³	ber.	47,9
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	< Bgr.
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr.
Summe FCKW			mg/m³	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m³	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m³	0,002	3,3
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	0,254
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	< Bgr.
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~20
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	1,9
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~186
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	~1.053
Summe CKW			mg/m³	ber.	1.264,5

Probenbezeichnung	147M F5 5-6m	**Labornummer**	06106-G19
Entnahmedatum	24.08.2006	**Labor-Eingangsdatum**	28.08.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106-3

Untersuchungsparameter			Einheit	Bgr.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	2,3
Toluol		C_7H_8	mg/m³	0,1	1,8
Ethylbenzol		C_8H_{10}	mg/m³	0,1	0,7
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	1,3
Summe BTEX			mg/m³	ber.	6,1
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	< Bgr.
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr.
Summe FCKW			mg/m³	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m³	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m³	0,002	0,444
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	1,2
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	< Bgr.
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	6,1
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	2,0
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~70
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	~43
Summe CKW			mg/m³	ber.	122,7

Probenbezeichnung	147M F5 10-11m	**Labornummer**	06106-G20
Entnahmedatum	24.08.2006	**Labor-Eingangsdatum**	28.08.2006
Entnahmeort	Deponie Feldreben	**Auftraggeber**	Muttenz
Probenart	Bodenluft, Aktivkohle	**Auftragsnummer**	AT 06 06 106-3

Untersuchungsparameter			Einheit	Bgr.	Wert
BTEX-Aromaten und Restkohlenwasserstoffe					
Benzol		C_6H_6	mg/m³	0,1	10,0
Toluol		C_7H_8	mg/m³	0,1	1,7
Ethylbenzol		C_8H_{10}	mg/m³	0,1	0,7
o-,m-,p-Xylole		C_8H_{10}	mg/m³	0,1	1,5
Summe BTEX			mg/m³	ber.	13,9
Restkohlenwasserstoffe ber. als Hexan			mg/m³	0,1	< Bgr.
Fluorchlorkohlenwasserstoffe (FCKW)					
Chlordifluormethan	R22	$CHClF_2$	mg/m³	0,1	< Bgr.
Dichlorfluormethan	R21	$CHCl_2F$	mg/m³	0,01	< Bgr.
Dichlordifluormethan	R12	CCl_2F_2	mg/m³	0,005	< Bgr.
Trichlorfluormethan	R11	CCl_3F	mg/m³	0,001	< Bgr.
Dichlortetrafluorethan	R114	$C_2Cl_2F_4$	mg/m³	0,005	< Bgr.
Trichlotrifluorethan	R113	$C_2Cl_3F_3$	mg/m³	0,002	< Bgr.
Summe FCKW			mg/m³	ber.	---
Chlorkohlenwasserstoffe (CKW)					
Monochlormethan		CH_3Cl	mg/m³	0,3	< Bgr.
Dichlormethan		CH_2Cl_2	mg/m³	0,05	< Bgr.
Chloroform		$CHCl_3$	mg/m³	0,002	0,026
Tetrachlormethan		CCl_4	mg/m³	0,001	< Bgr.
Vinylchlorid		C_2H_3Cl	mg/m³	0,1	~8
1.1-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,02	0,409
1.2-cis-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	~54
1.2-trans-Dichlorethen		$C_2H_2Cl_2$	mg/m³	0,05	1,8
1.1-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,02	< Bgr.
1.2-Dichlorethan		$C_2H_4Cl_2$	mg/m³	0,05	< Bgr.
1.1.1-Trichlorethan		$C_2H_3Cl_3$	mg/m³	0,001	< Bgr.
Trichlorethen	TRI	C_2HCl_3	mg/m³	0,002	~30
Tetrachlorethen	PER	C_2Cl_4	mg/m³	0,001	~20
Summe CKW			mg/m³	ber.	114,2

Anmerkungen:
Bgr. Bestimmungsgrenze

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