

Quantitative Analysis Sample Report

Batch Data Path D:\MassHunter\GCMS\1\data\16_Roman_praktikaPAHS20160516_A16\QuantResults\16_Roman_praktika_PAHS_A16.batch.b
Analysis Time 5/18/2016 12:11 PM **Analyst Name** admin
Report Time 5/18/2016 12:11 PM **Reporter Name** admin
Last Calib Update 5/18/2016 12:11 PM **Batch State** Processed

Instrument GC QQQ **Sample Name** KK
Position Tray2:2 **Data File** KK.D
Dilution 1 **Sample Type** Sample
Acq Time 2016-05-16 11:51 **Acq Method** DPAH29
Inj Vol 1 **Operator** PP

Quantitation Results

Compound	ISTD	RT	Resp	ISTD Resp	RR	Final Conc
D8-naftalen	Terfenyl I.S.	8.233	9208	197787	0.0466	7.4407 ng/ml
Naftalen	Terfenyl I.S.	8.262	18622	197787	0.0942	30.4946 ng/ml
Biphenyl	Terfenyl I.S.	10.244	9329	197787	0.0472	10.5894 ng/ml
Acenaftylen	Terfenyl I.S.	11.224	569	197787	0.0029	0.5020 ng/ml
Acenaften	Terfenyl I.S.	11.620	3378	197787	0.0171	5.5660 ng/ml
Fluoren	Terfenyl I.S.	12.953	16897	197787	0.0854	18.4161 ng/ml
D10-fenantren	Terfenyl I.S.	15.902	18055	197787	0.0913	8.1476 ng/ml
Fenantren	Terfenyl I.S.	15.978	84803	197787	0.4288	55.1431 ng/ml
Antracen	Terfenyl I.S.	16.160	1239	197787	0.0063	0.8679 ng/ml
Fluoranten	Terfenyl I.S.	20.613	28234	197787	0.1427	18.3611 ng/ml
Pyren	Terfenyl I.S.	21.560	13818	197787	0.0699	8.4770 ng/ml
Reten	Terfenyl I.S.	22.942	1815	197787	0.0092	2.7394 ng/ml
Benzo(b)fluorene	Terfenyl I.S.	23.370	542	197787	0.0027	0.5550 ng/ml
Benzo-Naphtho-Thiophene	Terfenyl I.S.	25.846	111	197787	0.0006	0.0780 ng/ml
Benzo(ghi)fluoranthene	Terfenyl I.S.	26.042	952	197787	0.0048	0.5692 ng/ml
Cyclopenta(cd)pyrene	Terfenyl I.S.	26.940	0	197787	0.0000	ND ng/ml
Benz(a)antracen	Terfenyl I.S.	26.954	555	197787	0.0028	0.3577 ng/ml
Triphenylene	Terfenyl I.S.	27.048	490	197787	0.0025	0.3390 ng/ml
Chrysen	Terfenyl I.S.	27.109	1237	197787	0.0063	0.8385 ng/ml
Benzo(b)fluoranten	Terfenyl I.S.	31.635	328	197787	0.0017	0.2396 ng/ml
Benzo(j)fluoranthene	Terfenyl I.S.	31.665	281	197787	0.0014	0.1822 ng/ml
Benzo(k)fluoranten	Terfenyl I.S.	31.742	159	197787	0.0008	0.0888 ng/ml
Benzo(e)pyrene	Terfenyl I.S.	32.724	309	197787	0.0016	0.2032 ng/ml
Benzo(a)pyren	Terfenyl I.S.	32.724	0	197787	0.0000	ND ng/ml
D12-perylen	Terfenyl I.S.	33.169	183	197787	0.0009	0.0772 ng/ml
Perylene	Terfenyl I.S.	32.724	0	197787	0.0000	ND ng/ml
Indeno(123cd)pyren	Terfenyl I.S.	37.642	0	197787	0.0000	ND ng/ml
Dibenz(ah)antracen	Terfenyl I.S.			197787		ND ng/ml
Dibenzo(ac)anthracene	Terfenyl I.S.	37.773	0	197787	0.0000	ND ng/ml
Benzo(ghi)perylen	Terfenyl I.S.	38.862	55	197787	0.0003	0.0337 ng/ml
Anthanthrene	Terfenyl I.S.	39.653	0	197787	0.0000	ND ng/ml
Coronene	Terfenyl I.S.			197787		ND ng/ml

Compound Graphics

in

Quantitative Analysis Sample Report

Batch Data Path D:\MassHunter\GCMS\1\data\16_Roman_praktikaPAHS20160516_A16\QuantResults\16_Roman_praktika_PAHS_A16.batch.b
Analysis Time 5/18/2016 12:11 PM **Analyst Name** admin
Report Time 5/18/2016 12:11 PM **Reporter Name** admin
Last Calib Update 5/18/2016 12:11 PM **Batch State** Processed

Instrument GC QQQ **Sample Name** NZ
Position Tray2:3 **Data File** NZ.D
Dilution 1 **Sample Type** Sample
Acq Time 2016-05-16 12:49 **Acq Method** DPAH29
Inj Vol 1 **Operator** PP

Quantitation Results

Compound	ISTD	RT	Resp	ISTD Resp	RR	Final Conc
D8-naftalen	Terfenyl I.S.	8.241	14406	250310	0.0576	9.1981 ng/ml
Naftalen	Terfenyl I.S.	8.277	28776	250310	0.1150	37.2340 ng/ml
Biphenyl	Terfenyl I.S.	10.244	18431	250310	0.0736	16.5314 ng/ml
Acenaftylen	Terfenyl I.S.	11.216	1515	250310	0.0061	1.0565 ng/ml
Acenaften	Terfenyl I.S.	11.620	24270	250310	0.0970	31.6015 ng/ml
Fluoren	Terfenyl I.S.	12.953	42108	250310	0.1682	36.2631 ng/ml
D10-fenantren	Terfenyl I.S.	15.902	26277	250310	0.1050	9.3696 ng/ml
Fenantren	Terfenyl I.S.	15.978	153689	250310	0.6140	78.9667 ng/ml
Antracen	Terfenyl I.S.	16.160	5875	250310	0.0235	3.2519 ng/ml
Fluoranten	Terfenyl I.S.	20.613	62102	250310	0.2481	31.9121 ng/ml
Pyren	Terfenyl I.S.	21.560	33834	250310	0.1352	16.4007 ng/ml
Reten	Terfenyl I.S.	22.942	2935	250310	0.0117	3.5010 ng/ml
Benzo(b)fluorene	Terfenyl I.S.	23.363	1104	250310	0.0044	0.8932 ng/ml
Benzo-Naphtho-Thiophene	Terfenyl I.S.	25.839	226	250310	0.0009	0.1261 ng/ml
Benzo(ghi)fluoranthene	Terfenyl I.S.	26.035	2025	250310	0.0081	0.9569 ng/ml
Cyclopenta(cd)pyrene	Terfenyl I.S.	26.947	0	250310	0.0000	ND ng/ml
Benz(a)antracen	Terfenyl I.S.	26.947	1367	250310	0.0055	0.6964 ng/ml
Triphenylene	Terfenyl I.S.	27.048	718	250310	0.0029	0.3929 ng/ml
Chrysen	Terfenyl I.S.	27.102	2465	250310	0.0098	1.3199 ng/ml
Benzo(b)fluoranten	Terfenyl I.S.	31.635	876	250310	0.0035	0.5049 ng/ml
Benzo(j)fluoranthene	Terfenyl I.S.	31.665	486	250310	0.0019	0.2488 ng/ml
Benzo(k)fluoranten	Terfenyl I.S.	31.742	460	250310	0.0018	0.2029 ng/ml
Benzo(e)pyrene	Terfenyl I.S.	32.732	623	250310	0.0025	0.3234 ng/ml
Benzo(a)pyren	Terfenyl I.S.	32.947	228	250310	0.0009	0.1172 ng/ml
D12-perylen	Terfenyl I.S.	33.161	3179	250310	0.0127	1.0611 ng/ml
Perylene	Terfenyl I.S.	33.269	0	250310	0.0000	ND ng/ml
Indeno(123cd)pyren	Terfenyl I.S.	37.635	186	250310	0.0007	0.0975 ng/ml
Dibenz(ah)antracen	Terfenyl I.S.	37.826	0	250310	0.0000	ND ng/ml
Dibenzo(ac)anthracene	Terfenyl I.S.	37.826	0	250310	0.0000	ND ng/ml
Benzo(ghi)perylen	Terfenyl I.S.	38.862	265	250310	0.0011	0.1292 ng/ml
Anthanthrene	Terfenyl I.S.	39.668	0	250310	0.0000	ND ng/ml
Coronene	Terfenyl I.S.	48.614	0	250310	0.0000	ND ng/ml

Compound Graphics

in

Quantitative Analysis Sample Report

Batch Data Path D:\MassHunter\GCMS\1\data\16_Roman_praktikaPAHS20160516_A16\QuantResults\16_Roman_praktika_PAHS_A16.batch.b
Analysis Time 5/18/2016 12:11 PM **Analyst Name** admin
Report Time 5/18/2016 12:11 PM **Reporter Name** admin
Last Calib Update 5/18/2016 12:11 PM **Batch State** Processed

Instrument GC QQQ **Sample Name** EB
Position Tray2:4 **Data File** EB.D
Dilution 1 **Sample Type** Sample
Acq Time 2016-05-16 13:48 **Acq Method** DPAH29
Inj Vol 1 **Operator** PP

Quantitation Results

Compound	ISTD	RT	Resp	ISTD Resp	RR	Final Conc	
D8-naftalen	Terfenyl I.S.	8.248	0	212576	0.0000	ND	ng/ml
Naftalen	Terfenyl I.S.	8.269	124	212576	0.0006	0.1893	ng/ml
Biphenyl	Terfenyl I.S.	10.251	795	212576	0.0037	0.8393	ng/ml
Acenaftylen	Terfenyl I.S.	11.216	145	212576	0.0007	0.1193	ng/ml
Acenaften	Terfenyl I.S.	11.627	735	212576	0.0035	1.1275	ng/ml
Fluoren	Terfenyl I.S.	12.953	11133	212576	0.0524	11.2897	ng/ml
D10-fenantren	Terfenyl I.S.	15.902	16143	212576	0.0759	6.7780	ng/ml
Fenantren	Terfenyl I.S.	15.978	114787	212576	0.5400	69.4478	ng/ml
Antracen	Terfenyl I.S.	16.160	5611	212576	0.0264	3.6570	ng/ml
Fluoranten	Terfenyl I.S.	20.613	41745	212576	0.1964	25.2588	ng/ml
Pyren	Terfenyl I.S.	21.560	23665	212576	0.1113	13.5079	ng/ml
Reten	Terfenyl I.S.	22.942	4201	212576	0.0198	5.9000	ng/ml
Benzo(b)fluorene	Terfenyl I.S.	23.370	1081	212576	0.0051	1.0295	ng/ml
Benzo-Naphtho-Thiophene	Terfenyl I.S.	25.846	157	212576	0.0007	0.1027	ng/ml
Benzo(ghi)fluoranthene	Terfenyl I.S.	26.035	1745	212576	0.0082	0.9711	ng/ml
Cyclopenta(cd)pyrene	Terfenyl I.S.	26.947	0	212576	0.0000	ND	ng/ml
Benz(a)antracen	Terfenyl I.S.	26.947	1182	212576	0.0056	0.7094	ng/ml
Triphenylene	Terfenyl I.S.	27.055	546	212576	0.0026	0.3519	ng/ml
Chrysen	Terfenyl I.S.	27.109	2051	212576	0.0096	1.2935	ng/ml
Benzo(b)fluoranten	Terfenyl I.S.	31.627	620	212576	0.0029	0.4205	ng/ml
Benzo(j)fluoranthene	Terfenyl I.S.	31.650	514	212576	0.0024	0.3096	ng/ml
Benzo(k)fluoranten	Terfenyl I.S.	31.750	348	212576	0.0016	0.1809	ng/ml
Benzo(e)pyrene	Terfenyl I.S.	32.732	481	212576	0.0023	0.2944	ng/ml
Benzo(a)pyren	Terfenyl I.S.	32.732	0	212576	0.0000	ND	ng/ml
D12-perylen	Terfenyl I.S.	33.169	0	212576	0.0000	ND	ng/ml
Perylene	Terfenyl I.S.	32.732	0	212576	0.0000	ND	ng/ml
Indeno(123cd)pyren	Terfenyl I.S.	37.627	118	212576	0.0006	0.0725	ng/ml
Dibenz(ah)antracen	Terfenyl I.S.	37.765	0	212576	0.0000	ND	ng/ml
Dibenzo(ac)anthracene	Terfenyl I.S.	37.765	0	212576	0.0000	ND	ng/ml
Benzo(ghi)perylen	Terfenyl I.S.	38.862	104	212576	0.0005	0.0598	ng/ml
Anthanthrene	Terfenyl I.S.	38.862	0	212576	0.0000	ND	ng/ml
Coronene	Terfenyl I.S.			212576		ND	ng/ml

Compound Graphics

in

Quantitative Analysis Sample Report

Batch Data Path D:\MassHunter\GCMS\1\data\16_Roman_praktikaPAHS20160516_A16\QuantResults\16_Roman_praktika_PAHS_A16.batch.b
Analysis Time 5/18/2016 12:11 PM **Analyst Name** admin
Report Time 5/18/2016 12:11 PM **Reporter Name** admin
Last Calib Update 5/18/2016 12:11 PM **Batch State** Processed

Instrument GC QQQ **Sample Name** JTD_IN
Position Tray2:5 **Data File** JTD_IN.D
Dilution 1 **Sample Type** Sample
Acq Time 2016-05-16 14:46 **Acq Method** DPAH29
Inj Vol 1 **Operator** PP

Quantitation Results

Compound	ISTD	RT	Resp	ISTD Resp	RR	Final Conc
D8-naftalen	Terfenyl I.S.	8.255	17829	332161	0.0537	8.5782 ng/ml
Naftalen	Terfenyl I.S.	8.291	84003	332161	0.2529	81.9086 ng/ml
Biphenyl	Terfenyl I.S.	10.251	27780	332161	0.0836	18.7770 ng/ml
Acenaftylen	Terfenyl I.S.	11.216	5700	332161	0.0172	2.9962 ng/ml
Acenaften	Terfenyl I.S.	11.620	8379	332161	0.0252	8.2213 ng/ml
Fluoren	Terfenyl I.S.	12.953	20832	332161	0.0627	13.5195 ng/ml
D10-fenantren	Terfenyl I.S.	15.902	38739	332161	0.1166	10.4094 ng/ml
Fenantren	Terfenyl I.S.	15.978	63083	332161	0.1899	24.4254 ng/ml
Antracen	Terfenyl I.S.	16.160	2569	332161	0.0077	1.0718 ng/ml
Fluoranten	Terfenyl I.S.	20.613	6202	332161	0.0187	2.4015 ng/ml
Pyren	Terfenyl I.S.	21.560	3278	332161	0.0099	1.1974 ng/ml
Reten	Terfenyl I.S.	22.942	622	332161	0.0019	0.5587 ng/ml
Benzo(b)fluorene	Terfenyl I.S.	23.363	105	332161	0.0003	0.0639 ng/ml
Benzo-Naphtho-Thiophene	Terfenyl I.S.	25.846	28	332161	0.0001	0.0118 ng/ml
Benzo(ghi)fluoranthene	Terfenyl I.S.	26.042	196	332161	0.0006	0.0699 ng/ml
Cyclopenta(cd)pyrene	Terfenyl I.S.	26.913	0	332161	0.0000	ND ng/ml
Benz(a)antracen	Terfenyl I.S.	26.954	113	332161	0.0003	0.0434 ng/ml
Triphenylene	Terfenyl I.S.	27.055	206	332161	0.0006	0.0851 ng/ml
Chrysen	Terfenyl I.S.	27.109	308	332161	0.0009	0.1244 ng/ml
Benzo(b)fluoranten	Terfenyl I.S.	31.642	159	332161	0.0005	0.0690 ng/ml
Benzo(j)fluoranthene	Terfenyl I.S.	31.673	79	332161	0.0002	0.0306 ng/ml
Benzo(k)fluoranten	Terfenyl I.S.	31.750	58	332161	0.0002	0.0192 ng/ml
Benzo(e)pyrene	Terfenyl I.S.	32.716	62	332161	0.0002	0.0241 ng/ml
Benzo(a)pyren	Terfenyl I.S.	32.924	0	332161	0.0000	ND ng/ml
D12-perylen	Terfenyl I.S.	33.138	19015	332161	0.0572	4.7833 ng/ml
Perylene	Terfenyl I.S.	33.138	0	332161	0.0000	ND ng/ml
Indeno(123cd)pyren	Terfenyl I.S.	37.527	0	332161	0.0000	ND ng/ml
Dibenz(ah)antracen	Terfenyl I.S.	37.803	0	332161	0.0000	ND ng/ml
Dibenzo(ac)anthracene	Terfenyl I.S.	37.803	0	332161	0.0000	ND ng/ml
Benzo(ghi)perylen	Terfenyl I.S.	39.323	0	332161	0.0000	ND ng/ml
Anthanthrene	Terfenyl I.S.	39.637	0	332161	0.0000	ND ng/ml
Coronene	Terfenyl I.S.	47.133	0	332161	0.0000	ND ng/ml

Compound Graphics

in

Quantitative Analysis Sample Report

Batch Data Path D:\MassHunter\GCMS\1\data\16_Roman_praktikaPAHS20160516_A16\QuantResults\16_Roman_praktika_PAHs_A16.batch.b
Analysis Time 5/18/2016 12:11 PM **Analyst Name** admin
Report Time 5/18/2016 12:11 PM **Reporter Name** admin
Last Calib Update 5/18/2016 12:11 PM **Batch State** Processed

Instrument GC QQQ **Sample Name** JTD_OUT
Position Tray2:6 **Data File** JTD_OUT.D
Dilution 1 **Sample Type** Sample
Acq Time 2016-05-16 15:45 **Acq Method** DPAH29
Inj Vol 1 **Operator** PP

Quantitation Results

Compound	ISTD	RT	Resp	ISTD Resp	RR	Final Conc
D8-naftalen	Terfenyl I.S.	8.255	12730	342535	0.0372	5.9392 ng/ml
Naftalen	Terfenyl I.S.	8.284	32511	342535	0.0949	30.7405 ng/ml
Biphenyl	Terfenyl I.S.	10.251	19983	342535	0.0583	13.0980 ng/ml
Acenaftylen	Terfenyl I.S.	11.216	1985	342535	0.0058	1.0116 ng/ml
Acenaften	Terfenyl I.S.	11.627	6074	342535	0.0177	5.7796 ng/ml
Fluoren	Terfenyl I.S.	12.953	37676	342535	0.1100	23.7105 ng/ml
D10-fenantren	Terfenyl I.S.	15.902	20246	342535	0.0591	5.2756 ng/ml
Fenantren	Terfenyl I.S.	15.978	280516	342535	0.8189	105.3253 ng/ml
Antracen	Terfenyl I.S.	16.160	15279	342535	0.0446	6.1805 ng/ml
Fluoranten	Terfenyl I.S.	20.613	101909	342535	0.2975	38.2679 ng/ml
Pyren	Terfenyl I.S.	21.560	68327	342535	0.1995	24.2036 ng/ml
Reten	Terfenyl I.S.	22.942	19867	342535	0.0580	17.3162 ng/ml
Benzo(b)fluorene	Terfenyl I.S.	23.363	3069	342535	0.0090	1.8140 ng/ml
Benzo-Naphtho-Thiophene	Terfenyl I.S.	25.832	463	342535	0.0014	0.1886 ng/ml
Benzo(ghi)fluoranthene	Terfenyl I.S.	26.035	4896	342535	0.0143	1.6906 ng/ml
Cyclopenta(cd)pyrene	Terfenyl I.S.	26.934	0	342535	0.0000	ND ng/ml
Benz(a)antracen	Terfenyl I.S.	26.940	3428	342535	0.0100	1.2764 ng/ml
Triphenylene	Terfenyl I.S.	27.048	1967	342535	0.0057	0.7864 ng/ml
Chrysen	Terfenyl I.S.	27.096	6103	342535	0.0178	2.3884 ng/ml
Benzo(b)fluoranten	Terfenyl I.S.	31.619	2654	342535	0.0077	1.1178 ng/ml
Benzo(j)fluoranthene	Terfenyl I.S.	31.642	1186	342535	0.0035	0.4435 ng/ml
Benzo(k)fluoranten	Terfenyl I.S.	31.734	937	342535	0.0027	0.3021 ng/ml
Benzo(e)pyrene	Terfenyl I.S.	32.724	1265	342535	0.0037	0.4802 ng/ml
Benzo(a)pyren	Terfenyl I.S.	32.931	172	342535	0.0005	0.0647 ng/ml
D12-perylen	Terfenyl I.S.	33.154	994	342535	0.0029	0.2424 ng/ml
Perylene	Terfenyl I.S.	33.046	0	342535	0.0000	ND ng/ml
Indeno(123cd)pyren	Terfenyl I.S.	37.604	398	342535	0.0012	0.1524 ng/ml
Dibenz(ah)antracen	Terfenyl I.S.	37.819	0	342535	0.0000	ND ng/ml
Dibenzo(ac)anthracene	Terfenyl I.S.	37.819	0	342535	0.0000	ND ng/ml
Benzo(ghi)perylen	Terfenyl I.S.	38.847	361	342535	0.0011	0.1289 ng/ml
Anthanthrene	Terfenyl I.S.	39.653	0	342535	0.0000	ND ng/ml
Coronene	Terfenyl I.S.	48.491	0	342535	0.0000	ND ng/ml

Compound Graphics

in

Quantitative Analysis Sample Report

Batch Data Path D:\MassHunter\GCMS\1\data\16_Roman_praktikaPAHS20160516_A16\QuantResults\16_Roman_praktika_PAHS_A16.batch.b
Analysis Time 5/18/2016 12:11 PM **Analyst Name** admin
Report Time 5/18/2016 12:11 PM **Reporter Name** admin
Last Calib Update 5/18/2016 12:11 PM **Batch State** Processed

Instrument GC QQQ **Sample Name** BA
Position Tray2:7 **Data File** BA.D
Dilution 1 **Sample Type** Sample
Acq Time 2016-05-16 16:43 **Acq Method** DPAH29
Inj Vol 1 **Operator** PP

Quantitation Results

Compound	ISTD	RT	Resp	ISTD Resp	RR	Final Conc
D8-naftalen	Terfenyl I.S.	8.233	14275	300073	0.0476	7.6026 ng/ml
Naftalen	Terfenyl I.S.	8.269	52680	300073	0.1756	56.8600 ng/ml
Biphenyl	Terfenyl I.S.	10.244	35530	300073	0.1184	26.5836 ng/ml
Acenaftylen	Terfenyl I.S.	11.216	2400	300073	0.0080	1.3962 ng/ml
Acenaften	Terfenyl I.S.	11.620	17554	300073	0.0585	19.0659 ng/ml
Fluoren	Terfenyl I.S.	12.953	105501	300073	0.3516	75.7901 ng/ml
D10-fenantren	Terfenyl I.S.	15.902	31821	300073	0.1060	9.4650 ng/ml
Fenantren	Terfenyl I.S.	15.986	657857	300073	2.1923	281.9576 ng/ml
Antracen	Terfenyl I.S.	16.160	39354	300073	0.1311	18.1721 ng/ml
Fluoranten	Terfenyl I.S.	20.619	285055	300073	0.9500	122.1879 ng/ml
Pyren	Terfenyl I.S.	21.567	176682	300073	0.5888	71.4423 ng/ml
Reten	Terfenyl I.S.	22.949	5998	300073	0.0200	5.9677 ng/ml
Benzo(b)fluorene	Terfenyl I.S.	23.363	10256	300073	0.0342	6.9197 ng/ml
Benzo-Naphtho-Thiophene	Terfenyl I.S.	25.839	2234	300073	0.0074	1.0385 ng/ml
Benzo(ghi)fluoranthene	Terfenyl I.S.	26.035	8900	300073	0.0297	3.5083 ng/ml
Cyclopenta(cd)pyrene	Terfenyl I.S.	26.940	0	300073	0.0000	ND ng/ml
Benz(a)antracen	Terfenyl I.S.	26.947	8055	300073	0.0268	3.4239 ng/ml
Triphenylene	Terfenyl I.S.	27.055	3162	300073	0.0105	1.4428 ng/ml
Chrysen	Terfenyl I.S.	27.102	12293	300073	0.0410	5.4915 ng/ml
Benzo(b)fluoranten	Terfenyl I.S.	31.627	3517	300073	0.0117	1.6908 ng/ml
Benzo(j)fluoranthene	Terfenyl I.S.	31.658	1738	300073	0.0058	0.7421 ng/ml
Benzo(k)fluoranten	Terfenyl I.S.	31.742	1740	300073	0.0058	0.6400 ng/ml
Benzo(e)pyrene	Terfenyl I.S.	32.732	2402	300073	0.0080	1.0408 ng/ml
Benzo(a)pyren	Terfenyl I.S.	32.931	1360	300073	0.0045	0.5822 ng/ml
D12-perylen	Terfenyl I.S.	33.154	23554	300073	0.0785	6.5588 ng/ml
Perylene	Terfenyl I.S.	33.254	294	300073	0.0010	0.1274 ng/ml
Indeno(123cd)pyren	Terfenyl I.S.	37.619	831	300073	0.0028	0.3630 ng/ml
Dibenz(ah)antracen	Terfenyl I.S.	37.834	0	300073	0.0000	ND ng/ml
Dibenzo(ac)anthracene	Terfenyl I.S.	37.834	0	300073	0.0000	ND ng/ml
Benzo(ghi)perylen	Terfenyl I.S.	38.862	1118	300073	0.0037	0.4553 ng/ml
Anthanthrene	Terfenyl I.S.	39.560	0	300073	0.0000	ND ng/ml
Coronene	Terfenyl I.S.	48.568	0	300073	0.0000	ND ng/ml

Compound Graphics

in

Quantitative Analysis Sample Report

Batch Data Path D:\MassHunter\GCMS\1\data\16_Roman_praktikaPAHS20160516_A16\QuantResults\16_Roman_praktika_PAHS_A16.batch.b
Analysis Time 5/18/2016 12:11 PM **Analyst Name** admin
Report Time 5/18/2016 12:11 PM **Reporter Name** admin
Last Calib Update 5/18/2016 12:11 PM **Batch State** Processed

Instrument GC QQQ **Sample Name** 19
Position Tray2:8 **Data File** 19.D
Dilution 1 **Sample Type** Sample
Acq Time 2016-05-16 17:41 **Acq Method** DPAH29
Inj Vol 1 **Operator** PP

Quantitation Results

Compound	ISTD	RT	Resp	ISTD Resp	RR	Final Conc
D8-naftalen	Terfenyl I.S.	8.255	0	315476	0.0000	ND ng/ml
Naftalen	Terfenyl I.S.	8.291	187	315476	0.0006	0.1916 ng/ml
Biphenyl	Terfenyl I.S.	10.251	211	315476	0.0007	0.1499 ng/ml
Acenaftylen	Terfenyl I.S.	11.216	37	315476	0.0001	0.0207 ng/ml
Acenaften	Terfenyl I.S.	11.627	171	315476	0.0005	0.1766 ng/ml
Fluoren	Terfenyl I.S.	12.960	5804	315476	0.0184	3.9656 ng/ml
D10-fenantren	Terfenyl I.S.	15.902	27710	315476	0.0878	7.8398 ng/ml
Fenantren	Terfenyl I.S.	15.978	88612	315476	0.2809	36.1249 ng/ml
Antracen	Terfenyl I.S.	16.160	3553	315476	0.0113	1.5607 ng/ml
Fluoranten	Terfenyl I.S.	20.613	40847	315476	0.1295	16.6542 ng/ml
Pyren	Terfenyl I.S.	21.560	22689	315476	0.0719	8.7264 ng/ml
Reten	Terfenyl I.S.	22.942	3835	315476	0.0122	3.6291 ng/ml
Benzo(b)fluorene	Terfenyl I.S.	23.370	988	315476	0.0031	0.6337 ng/ml
Benzo-Naphtho-Thiophene	Terfenyl I.S.	25.846	148	315476	0.0005	0.0657 ng/ml
Benzo(ghi)fluoranthene	Terfenyl I.S.	26.035	1694	315476	0.0054	0.6353 ng/ml
Cyclopenta(cd)pyrene	Terfenyl I.S.	26.947	0	315476	0.0000	ND ng/ml
Benz(a)antracen	Terfenyl I.S.	26.947	1049	315476	0.0033	0.4242 ng/ml
Triphenylene	Terfenyl I.S.	27.048	705	315476	0.0022	0.3061 ng/ml
Chrysen	Terfenyl I.S.	27.102	2235	315476	0.0071	0.9498 ng/ml
Benzo(b)fluoranten	Terfenyl I.S.	31.635	793	315476	0.0025	0.3624 ng/ml
Benzo(j)fluoranthene	Terfenyl I.S.	31.673	341	315476	0.0011	0.1383 ng/ml
Benzo(k)fluoranten	Terfenyl I.S.	31.742	339	315476	0.0011	0.1188 ng/ml
Benzo(e)pyrene	Terfenyl I.S.	32.732	443	315476	0.0014	0.1824 ng/ml
Benzo(a)pyren	Terfenyl I.S.	32.931	260	315476	0.0008	0.1058 ng/ml
D12-perylen	Terfenyl I.S.	33.146	23776	315476	0.0754	6.2973 ng/ml
Perylene	Terfenyl I.S.	33.246	47	315476	0.0001	0.0194 ng/ml
Indeno(123cd)pyren	Terfenyl I.S.	37.642	114	315476	0.0004	0.0475 ng/ml
Dibenz(ah)antracen	Terfenyl I.S.	37.819	0	315476	0.0000	ND ng/ml
Dibenzo(ac)anthracene	Terfenyl I.S.	37.819	0	315476	0.0000	ND ng/ml
Benzo(ghi)perylen	Terfenyl I.S.	38.885	182	315476	0.0006	0.0707 ng/ml
Anthanthrene	Terfenyl I.S.	38.885	0	315476	0.0000	ND ng/ml
Coronene	Terfenyl I.S.			315476		ND ng/ml

Compound Graphics

in

Quantitative Analysis Sample Report

Batch Data Path D:\MassHunter\GCMS\1\data\16_Roman_praktikaPAHS20160516_A16\QuantResults\16_Roman_praktika_PAHS_A16.batch.b
Analysis Time 5/18/2016 12:11 PM **Analyst Name** admin
Report Time 5/18/2016 12:11 PM **Reporter Name** admin
Last Calib Update 5/18/2016 12:11 PM **Batch State** Processed

Instrument GC QQQ **Sample Name** BEZ_oznac
Position Tray2:9 **Data File** BEZ_oznac.D
Dilution 1 **Sample Type** Sample
Acq Time 2016-05-16 18:40 **Acq Method** DPAH29
Inj Vol 1 **Operator** PP

Quantitation Results

Compound	ISTD	RT	Resp	ISTD Resp	RR	Final Conc	
D8-naftalen	Terfenyl I.S.	8.262	15758	370332	0.0426	6.8003	ng/ml
Naftalen	Terfenyl I.S.	8.298	29561	370332	0.0798	25.8528	ng/ml
Biphenyl	Terfenyl I.S.	10.251	11650	370332	0.0315	7.0631	ng/ml
Acenaftylen	Terfenyl I.S.	11.224	1256	370332	0.0034	0.5920	ng/ml
Acenaften	Terfenyl I.S.	11.627	3447	370332	0.0093	3.0338	ng/ml
Fluoren	Terfenyl I.S.	12.953	21521	370332	0.0581	12.5270	ng/ml
D10-fenantren	Terfenyl I.S.	15.902	32460	370332	0.0877	7.8233	ng/ml
Fenantren	Terfenyl I.S.	15.978	103817	370332	0.2803	36.0543	ng/ml
Antracen	Terfenyl I.S.	16.160	3242	370332	0.0088	1.2130	ng/ml
Fluoranten	Terfenyl I.S.	20.613	33533	370332	0.0905	11.6468	ng/ml
Pyren	Terfenyl I.S.	21.560	17139	370332	0.0463	5.6156	ng/ml
Reten	Terfenyl I.S.	22.942	2127	370332	0.0057	1.7143	ng/ml
Benzo(b)fluorene	Terfenyl I.S.	23.363	759	370332	0.0020	0.4150	ng/ml
Benzo-Naphtho-Thiophene	Terfenyl I.S.	25.839	216	370332	0.0006	0.0813	ng/ml
Benzo(ghi)fluoranthene	Terfenyl I.S.	26.035	1313	370332	0.0035	0.4194	ng/ml
Cyclopenta(cd)pyrene	Terfenyl I.S.	26.940	0	370332	0.0000	ND	ng/ml
Benz(a)antracen	Terfenyl I.S.	26.947	730	370332	0.0020	0.2513	ng/ml
Triphenylene	Terfenyl I.S.	27.048	712	370332	0.0019	0.2631	ng/ml
Chrysen	Terfenyl I.S.	27.102	1883	370332	0.0051	0.6815	ng/ml
Benzo(b)fluoranten	Terfenyl I.S.	31.627	799	370332	0.0022	0.3112	ng/ml
Benzo(j)fluoranthene	Terfenyl I.S.	31.658	343	370332	0.0009	0.1186	ng/ml
Benzo(k)fluoranten	Terfenyl I.S.	31.742	312	370332	0.0008	0.0929	ng/ml
Benzo(e)pyrene	Terfenyl I.S.	32.724	428	370332	0.0012	0.1502	ng/ml
Benzo(a)pyren	Terfenyl I.S.	32.924	230	370332	0.0006	0.0798	ng/ml
D12-perylen	Terfenyl I.S.	33.146	24559	370332	0.0663	5.5412	ng/ml
Perylene	Terfenyl I.S.	33.246	48	370332	0.0001	0.0170	ng/ml
Indeno(123cd)pyren	Terfenyl I.S.	37.612	134	370332	0.0004	0.0474	ng/ml
Dibenz(ah)antracen	Terfenyl I.S.	37.826	0	370332	0.0000	ND	ng/ml
Dibenzo(ac)anthracene	Terfenyl I.S.	37.826	0	370332	0.0000	ND	ng/ml
Benzo(ghi)perylen	Terfenyl I.S.	38.855	180	370332	0.0005	0.0594	ng/ml
Anthanthrene	Terfenyl I.S.	39.468	0	370332	0.0000	ND	ng/ml
Coronene	Terfenyl I.S.	47.141	0	370332	0.0000	ND	ng/ml

Compound Graphics

in