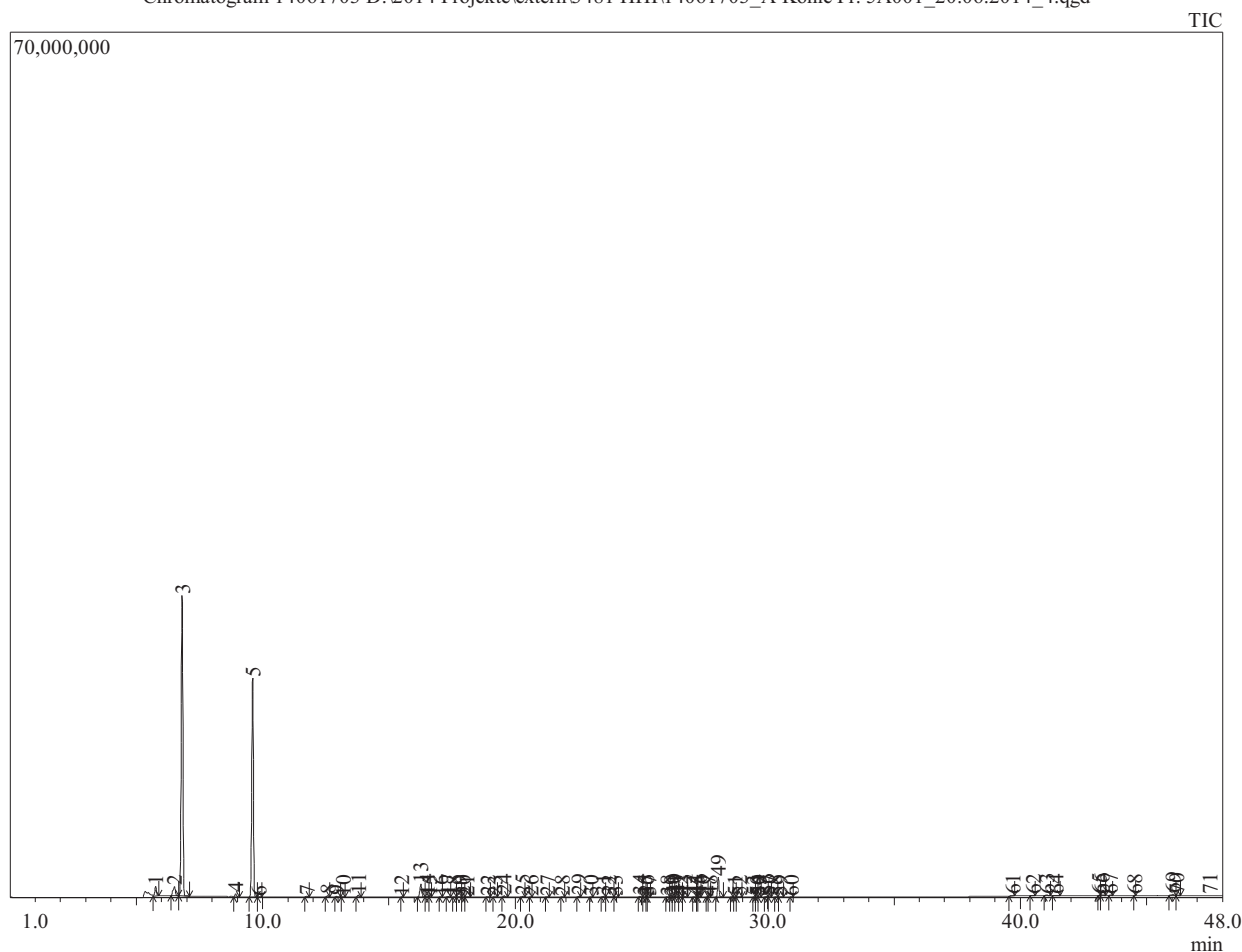


CUTEC-Institut
GC-MS QP 5050 von Shimadzu

Sample Information

Analyzed by : Kiefer
Analyzed : 20.06.2014 12:28:48
Sample Type : Unknown
Sample Name : 14061703
Sample ID : A-Kohle Pr. 5A001
Injection Volume : 1.000
Data File : D:\2014 Projekte\extern\3481 HHI\14061703_A-Kohle Pr. 5A001_20.06.2014_4.qgd
Method File : D:\2014 Projekte\extern\3481 HHI\Rxi_5SilMS_Screen_CS2_Isoprop.qgm
Report File :
Tuning File : C:\GCMSsolution\System\Tune1\14_06_03_scan.qgt
[Comment]
14061703 Aktivkohle-Probe 5 A
Projekt: Fraunhofer - HHI, 38 3481
Probenahme am 17.06.2014
Brandcontainer, Herzogenrath-Merlenheim
Prozess: Brand
Aktivkohle Typ G von Dräger
16:23 - 16:37 Uhr, 7,8 L, 28,9 °C
Lagerung: im Kühlschrank
Extraktion am 19.06.2014 mit
5 mL Schwefelkohlenstoff : Isopropanol (90:10)
Säule: Rxi-5 Sil ms, 60 m, ID: 0,25 mm, Film: 0,25 µm
von Retek, Ser.-Nr. 995332
Det.: 1,5 kV, 30 - 500 amu
Koffer 2 (K: 1,0512) durch: Herrn Köhring
Modified by : Admin
Modified : 24.06.2014 09:28:32

Chromatogram 14061703 D:\2014 Projekte\extern\3481 HHI\14061703_A-Kohle Pr. 5A001_20.06.2014_4.qgd



Peak Report TIC

Peak#	R.Time	Area	Area%	Name
1	5.767	3239902	1.41	Benzol (C6 H6); CAS: 71-43-2
2	6.511	4752001	2.07	Ethandiol, Ethylen glykol (C2 H6 O2)
3	6.818	119922706	52.21	Carbonic acid, ethyl methyl ester (C4 H8 O3)
4	8.934	949987	0.41	Toluol (C7 H8); CAS: 108-88-3
5	9.606	79476347	34.60	Carbonic acid, diethyl ester (C5 H10 O3)
6	9.842	77298	0.03	
7	11.755	275261	0.12	
8	12.576	412409	0.18	Ethylbenzol (C8 H10)
9	12.936	241034	0.10	Dimethylbenzol (m- + p-Xylol); (C8 H10)
10	13.185	72996	0.03	Phenylethyne (C8 H6)
11	13.787	700823	0.31	Styrol (C8 H8); CAS: 100-42-5
12	15.509	24382	0.01	
13	16.269	5521563	2.40	Dioxolan-on (C3 H4 O3)
14	16.523	302771	0.13	Benzaldehyd (C7 H6 O); CAS: 100-52-7
15	16.625	30666	0.01	
16	17.049	63470	0.03	
17	17.348	159922	0.07	Ethynyl pyridin (C7 H5 N)
18	17.587	102506	0.04	
19	17.766	94909	0.04	
20	17.942	36879	0.02	
21	18.082	159337	0.07	
22	18.906	95043	0.04	
23	19.199	113781	0.05	
24	19.560	513987	0.22	Ethanol, (methylethoxy)- (C5 H12 O2)
25	20.300	272257	0.12	Acetophenon (C8 H8 O)
26	20.615	34831	0.02	
27	21.282	165752	0.07	Benzoic acid, methyl ester (C8 H8 O2)
28	21.867	40994	0.02	
29	22.525	264150	0.12	Benzeneacetic acid, methyl ester (C9 H8 O3)
30	23.000	28395	0.01	
31	23.492	248744	0.11	Benzoic acid, ethyl ester (C9 H10 O2)
32	23.700	4058	0.00	
33	23.966	120969	0.05	
34	24.948	217859	0.09	
35	25.124	99083	0.04	
36	25.200	48441	0.02	
37	25.290	74180	0.03	
38	26.035	105343	0.05	
39	26.192	102221	0.04	
40	26.269	316175	0.14	
41	26.379	394434	0.17	
42	26.545	115183	0.05	
43	26.708	316049	0.14	Alken, verzweigt (C13 H26)
44	27.117	104314	0.05	
45	27.204	79289	0.03	
46	27.283	131270	0.06	
47	27.608	45971	0.02	
48	27.676	111609	0.05	
49	28.042	6114087	2.66	Biphenyl (C12 H10)
50	28.569	26496	0.01	
51	28.705	29311	0.01	
52	28.870	99955	0.04	
53	29.442	41530	0.02	
54	29.569	90466	0.04	
55	29.674	55491	0.02	
56	29.944	171180	0.07	
57	30.080	42925	0.02	
58	30.324	58473	0.03	
59	30.467	74632	0.03	
60	30.936	63665	0.03	
61	39.688	147151	0.06	
62	40.501	149540	0.07	
63	41.037	252950	0.11	
64	41.407	121130	0.05	
65	43.117	33042	0.01	
66	43.219	104028	0.05	
67	43.564	49008	0.02	
68	44.521	17245	0.01	
69	46.039	586790	0.26	
70	46.200	170239	0.07	
71	48.358	394538	0.17	
		229675423	100.00	

Method

[Comment]

35.1

6

20.8

Rate	Temperature(°C)	Keep Time(min)
-	40.0	5.00
5.0	120.0	0.00
10.0	300.0	10.00

Rate	Pressure(kPa)	Keep Time(min)
-	191.0	5.00
2.0	223.0	0.00
4.0	295.0	10.00

250.00

[GC Program]

[GCMS-QP5050A]

Acquisition Mode	:Scan
Interface Temp.	:300.00 °C
Solvent Cut Time	:0.00 min
Detector Gain Mode	:Absolute
Detector Gain	:1.50 kV
Threshold	:1000
Sampling Rate	:0.50 sec

[Scan Group]

No.	Start Time(min)	End Time(min)	Start m/z	End m/z
1	0.00	49.00	30.00	500.00

Sample Inlet Unit :GC

[MS Program]

Use MS Program	:ON		
No.	Time(min)	Command	Value
1	0.10	Filament OFF	
2	5.30	Filament ON	