

Table 5f. Table showing the benzyl and phenyl hydrocarbons reported in the literature that have been detected in the healthy human body

CAS-number	Compound name	Faeces	Urine	Breath	Skin	Milk	Blood	Saliva
71-43-2	benzene	F	U	Br	Sk	M	Bl	Sa
108-88-3	toluene	F	U	Br	Sk	M	Bl	Sa
106-42-3	p-xylene	F		Br	Sk	M	Bl	Sa
108-38-3	m-xylene	F		Br		M	Bl	
95-47-6	o-xylene	F		Br		M	Bl	Sa
1330-20-7	xylene ui		U			M	Bl	
108-67-8	1,3,5-trimethylbenzene			Br				
526-73-8	1,2,3-trimethylbenzene	F		Br		M		
95-63-6	1,2,4-trimethylbenzene			Br		M		
488-23-3	1,2,3,4-tetramethylbenzene			Br				
527-53-7	1,2,3,5-tetramethylbenzene			Br				
95-93-2	1,2,4,5-tetramethylbenzene		U	Br				
100-41-4	ethylbenzene	F	U	Br	Sk	M	Bl	
103-65-1	propylbenzene				Sk			
ui	propylbenzene ui					M		
25340-17-4	diethylbenzene						Bl	
105-05-5	1,4-diethylbenzene			Br				
135-01-3	1,2-diethylbenzene			Br				
141-93-5	1,3-diethylbenzene			Br				
611-14-3	1-ethyl-2-methylbenzene / 2-ethyltoluene	F		Br		M	Bl	
620-14-4	1-ethyl-3-methylbenzene / 3-ethyltoluene			Br		M		
622-96-8	1-ethyl-4-methylbenzene / 4-ethyltoluene	F		Br		M		
300-57-2	1-benzylethene			Br				
ui	butylbenzene ui					M		
104-51-8	1-butylbenzene			Br				
1077-16-3	hexylbenzene							Sa
ui	hexyl benzene ui					M		
98-82-8	cumene	F		Br				
4176-17-4	ar-curcumene / 1-methyl-4-[(2R)-6-methylhept-5-en-2-yl]benzene							Sa
1014-60-4	1,3-bis(1,1-dimethylethyl)-benzene	F						
6617-49-8	calamenene ui							Sa
21391-99-1	alpha-calacorene		U					Sa
483-78-3	cadalene							Sa
26444-18-8	cymenene		U					
527-84-4	o-cymene / 1-methyl-2-(1-methylethyl)-benzene	F	U	Br				
99-87-6	p-cymene / 1-methyl-4-(1-methylethyl)-benzene		U	Br	Sk			Sa
1074-55-1	4-cymene / p-methylpropylbenzene		U	Br				
873-49-4	cyclopropylbenzene	F						
2039-90-9	1,3-dimethyl-2-ethenylbenzene			Br				
933-98-2	1,2-dimethyl-3-ethyl benzene			Br				

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934-74-7	1,3-dimethyl-5-ethyl benzene			Br				
644-30-4	1-(1,5-dimethyl-4-hexen-1-yl)-4-methylbenzene	F	U					
4706-89-2	2,4-dimethyl-1-(1-methylethyl)-benzene							Sa
27576-03-0	dimethylstyrene ui					M		
2234-20-0	2,4-dimethylstyrene			Br				
5379-20-4	1,3-dimethyl-5-vinylbenzene			Br				
108-57-6	1,3-divinylbenzene			Br				
105-06-6	1,4-divinylbenzene			Br				
27831-13-6	4-ethenyl-1,2-dimethylbenzene	F		Br				
1758-88-9	2-ethyl-1,4-dimethylbenzene / 2-ethyl-p-xylene			Br			Bl	
874-41-9	1-ethyl-2,4-dimethylbenzene / 4-ethyl-m-xylene			Br			Bl	
934-80-5	4-ethyl-1,2-dimethylbenzene	F		Br			Bl	
7525-62-4	m-ethylstyrene			Br				
536-74-3	phenyl acetylene					M		
824-90-8	1-phenyl-1-butene / 1-butenylbenzene			Br			Bl	
1560-06-1	1-phenyl 2-butene			Br				
2039-93-2	2-phenyl-1-butene			Br				
2719-61-1	2-phenyldodecane				Sk			
2719-63-3	5-phenyldodecane				Sk			
2719-62-2	6-phenyldodecane				Sk			
1078-71-3	1-phenylheptane			Br				Sa
637-50-3	1-phenyl-1-propene			Br				
4534-53-6	2-phenyltridecane				Sk			
4534-52-5	3-phenyltridecane				Sk			
4534-51-4	4-phenyltridecane				Sk			
4534-49-0	6-phenyltridecane				Sk			
4536-88-3	2-phenylundecane				Sk			
4536-87-2	3-phenylundecane				Sk			
4536-86-1	4-phenylundecane				Sk			
4537-15-9	5-phenylundecane				Sk			
4537-14-8	6-phenylundecane							Sa
1319-73-9	methyl styrene ui					M		
611-15-4	2-methylstyrene			Br				
98-83-9	alpha-methylstyrene			Br				
3290-53-7	2-methyl-2-propenylbenzene	F	U					
768-49-0	(2-methylpropenyl)-benzene			Br				
1129-29-9	1-(1-methylethenyl)-3-(1-methylethyl)-benzene							Sa
2388-14-9	1-(1-methylethenyl)-4-(1-methylethyl)-benzene							Sa
1074-17-5	1-methyl-2-n-propyl benzene			Br				
1195-32-0	1-methyl-4-(1-methylethenyl)-benzene / dehydro-p-cymene	F	U	Br				Sa
535-77-3	1-methyl-3-(1-methylethyl)-benzene	F	U	Br			Bl	
81676-11-1	1-methyl-4-(1-methyl-2-propenyl)-benzene							Sa

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1595-16-0	1-methyl-4-(1-methylpropyl)-benzene							Sa
1595-10-4	1-methyl-2-n-hexylbenzene							Sa
4489-84-3	(3-methyl-2-butenyl)-benzene							Sa
622-97-9	1-methyl-4-vinylbenzene			Br				
100-42-5	styrene	F	U	Br	Sk	M	Bl	Sa
ui	pentyl benzene ui					M		
92-52-4	1,1'-biphenyl			Br				
28652-72-4	methyl biphenyl ui				Sk			Sa
84-67-3	4,4-dimethyl-1,1'-biphenyl				Sk			

NOTES      ui      unidentified isomer