Attachment I to Appendix C

Model parameters and blood concentration profiles of xylene in exposed individuals

310,40 60 496,84 90,02 181089,0 31,04 15 77,8 440 58,98 32,4 3,00 26,4			Physiological	Physicochemical Pi l ph	hemical	Biochemical	smical				
496,64 90,02 31,04 15 77,8 130,36 6 4,40 58,98 32,4 3,00 26,4 Cosure condition Time function hr 0,0104 Integration interval(t) 0,0005		310,40	8								
31,04 15 77,8 191089,0 200 103 130,36 6 4,40 26,4 3,00 26,4 3,00 26,4 0 0,0104		496,84	C C	8		0 000707	Ş	(7/E			
130,38 6 4,40 26,4 3,00 26,4 3,00 201000		3,02	5 5 72	20,5 8,77		0,800.0	200	in) ((
58,98 32,4 3,00 26,4 文文		130,36	9	4,40					/		
26,4 2 osure condition Time function integration interval(t) 0,005		58,98	32,4	3,00				λįε	/		
Sure condition Time function 0,0104 Integration interval(t) 0,005	(d) pools				26,4			X AÇ	/		
0,0104 Integration interval(t) 0,005	Exposure cor	dition			Fime function						
0,0104 Integration interval(t)						'n				. 4	· #
	Cinh(ug/L)	0,0104		Integration integration integration	erval(t)	0,005				Hours	,

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			_	/	/	/	/			10 15	1	Simon	
									According to the second	5			
0.1		יר)	ճա		one	ηń	Χ Λ	о Э	0.001	0			
km			200										
Vmax			181089,0							ηť	0,005	24	
윤							26,4		Time function		terval(t)	ne	
ā			3,02	77,8	4,40	3,00					Integration inter	Simulation time	
V(L)	09		ල ර	15	ၑ	32,4							
Q(L/hr)	310,40	496,64	90,02	31,04	130,36	58,98			Exposure condition		0,015	8	
	Body ©	(d) Sun	Liver (I)	Fat (f)	Richly ®	Slowly (s)	Blood (b)		Exposur		Cinh(mg/L)	Length(hr)	

Biochemical

Adult female exposure - Occupational, typical
Physiological Physicochemical

Tissue

11.	Body © Lung (p) Liver (l) Fat (f) Richly © Slowly (s) Blood (b)	(p) 496,64 (l) 90,02 (l) 90,02 (l) 31,04 (l) 31,04 (l) 58,98 (lb) 58,98 (lb)	0,9 15 60 32,4	3,02 77,8 4,40 3,00	71ystoodnemical Plo Plo Plo Plo Plo Plo Plo Plo Plo Pl	Vmax k	200 200	Cv xylene (mg/L)				
(005)	h(mg/L)	0,034		Integration in	erval(t)	Ē		600	. S	10	- 1 5	8

		C .	·	(7	/6r	n) (e S	:App	· /2	<u>`</u>	1000	C	•		
72	nical	돲		- *-	500	A									
days, typica	Biochemical	Vmax			181089,0							Ė	0,005	24	
non-school	hemical	Pb			, .				26,4		Time function		erval(t)	Ø.	
I, indoor,	Physicochemical	ä			3,02	77,8	04,4	3,00					ntegration interval(t)	Simulation time	
osure - Rura	gical	V(L)	9		6	15	9	32,4				L	E	S	1
Adult female exposure - Rural, indoor, non-school days, typical	Physiological	Q(Uhr)	310,40	496,64	90,02	31,04	130,36	58,98			Exposure condition		0,0017	21,2	
Adı	Tissue		Body @	Lung (p)	Liver (I)	Fat (f)	Richiy ®	Slowly (s)	Blood (b)		Exposure		Cinh(ug/L)	Length(hr)	

Time function	Integration interval(t)	Simulation time	
Exposure condition	0,0017	21,2	
Exposu	nh(ug/L)	ngth(hr)	

								_				
10	ī	(7	<i>i</i> Br		9116 20	edie	(^ (`	0.001		•	
								•				
кя			200									
Vmax			181089,0	•						ž	0,005	
g.							26,4		Time function		erval(t)	
ä			3,02	77,8	4,40	3,00					Integration interval(t)	Cime Indiana
V(L)	09		6 0	15	φ	32,4						
 Q(Uhr)	310,40	496,64	90,02	31,04	130,36	58,98			ondition		0,0017	0.40

. ×b.

	0.4					150				0,081	0 6 10 15	Hours
	ı— ;	(\ \	S n) 9	ue	(A)	· ^0)			
nical	Æ			500								
hysicochemical Biochemical	Vmax			181089,0							Ē	0,005
hemical	Pb		-					26,4	Time function			ərval(t) e
Physicochemical	jď			3,02	8'22	04,4	3,00					Integration interval(t) Simulation time
lical	V(L)	90		6,0	15	9	32,4					
Physiological P	Q(L/hr)	310,40	496,64	30 '05	37,04	130,36	58,98		1 2 18 17 1 2 2	Exposure condition		0,0052
Tissue		Body @	(Lung (p)	Liver ()	Fat (f)	Richly ®	Slowly (s)	Blood (b)		Exposure		Cinh(ug/L)

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												ţ.		6 50 50
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		0.1		(ግ,	/6n		- 100 00	(A)	· A;)	0.001	0	•	
puno	emical	km			200									
ays, upperb	Biochemical	Vmax			181089,0							Ţ	0,005	24
n-school de	Physicochemical	Pb							26,4		Time function		erval(t)	9
indoor, no	Physicon	ā.			3,02	8,77	4,40	3,00					Integration interval(t)	Simulation time
ure - Rural,	gical	Λ(Γ)	9		6 , O	15	9	32,4						
Adult female exposure - Rural, indoor, non-school days, upperbound	Physiological	Q(L/hr)	310,40	496,64	80,02	37,04	130,36	58,98			Exposure condition		0,0044	21,2
Adult	Tissue		Body @	Lung (p)	Liver ()	Fat (f)	Richly ®	Slowly (s)	Blood (b)		Exposur		Cinh(ug/L)	Length(hr)

	Aduli remaje exposure - Urban, Indoor, non-school days, upperbound			3 55550	ays, upper	ound					
	Physiological	gical	Physico	Physicochemical	Bloch	Blochemical					
	Q(Lhr)	(L)	ā	P.	Vmax	km	1.0				
Body @	310,40	99									
<u>~</u>	496,64	····-					(7)				
Liver (I)	80,02	6,0	3,02		181089,0	200	ßп				
	3,8	15	8'77								
Richly ®	130,36	တ	4,40	•			00 uə				
Slowly (s)	58,98	32,4	3,00				κλ				
Blood (b)				26,4			CA 3	70-76 -			
		•		Time		-)	a de requirir a segui			
EXDOS	Exposure condition			Ime runction			0,00				
					늄	·		rc.	5	5	8
Cinh(ug/L)	0,0154		Integration interval(t)	terval(t)	900'0				Total		
Length(hr)	21,2		Simulation tin	92	24						

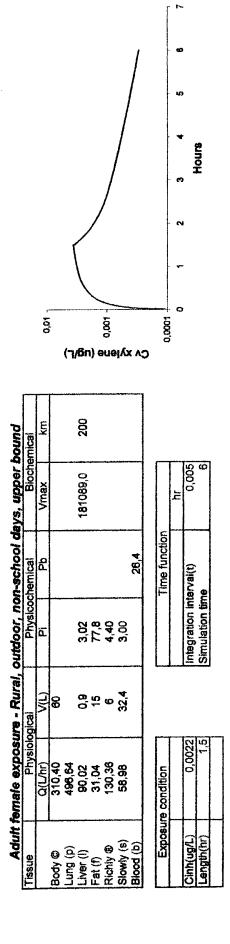
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1	6 0	
	- 10	
	* 4	SILS S
	- m	Hours
	- 74	
	-	
Cv xylene (ug/L)	o comin	
8		
	Cv xylene (ug/L)	0,0001

AC	Aduit female exposure - Kurai, outdoor, non-school days, typical	osure - Kura	ii, outdoor,	non-schoo	i days, typi	cai
Tissue	Physiological	ogical	Physicor	Physicochemical	Biochemical	mical
	Q(L/hr)	Λ(Γ)	ō.	O.	Vmax	¥
Body @	310,40	9				
(Lung (p)	496,64					
Liver (I)	20,06	6 0	3,02		181089,0	ম
Fat (f)	3,5	5	77,8			
Richly 8	130,36	ဖ	04,4			
Slowly (s)	58,98	32,4	3,00			
Blood (b)				26,4		

Time fun	Integration Interval(t) Simulation time
condition	0,00084

	Inte	Sim	
xposure condition	0,0008	1,1	
Exposur	Sinh(ug/L)	.ength(hr)	



×12.

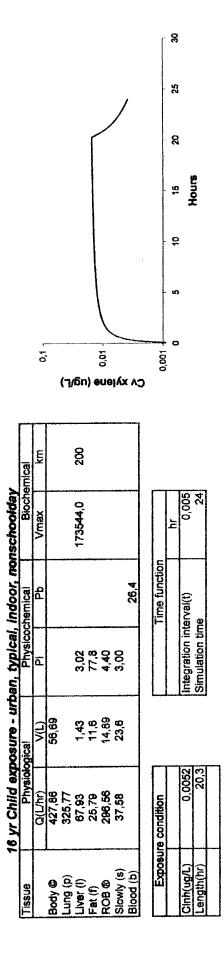
5 2	2 8 8	Cv xylene (ug/L)	200	18106	7,92 Pb	3,02 77,8 4,40 3,00	0,9 0,9 6 32,4	O(L/hr) 310.40 496.64 90,02 31,04 130,36 58,98
	Y & 6 +	- 100,0 - 100,0			Time function			condition
I I'me Tuncaon	1				i			
Time function	/	^ ^ <u> </u>			26,4			
Z6,4 C	/	χλ				3,00	32,4	58,98
32,4 3,00 26,4 X	/					04,4	တ	130,36
32,4 3,00 26,4 CV XYIen Time function	(1,8	1 5	31,04
15 77,8 6 4,40 32,4 3,00 26,4 Time function		ßn	 80 80	181089,0		3,02	6 ,0	90,02
0,9 3,02 181089,0 200 109 15 77,8 6 4,40 26,4 3,00 26,4 CV xylene (ug		(7/						496,64
0,9 3,02 181089,0 200 100 ^L L) 6 4,40 26,4 3,00 26,4 Time function							9	310,40
60 0,9 3,02 181089,0 200 145 15 77,8 6 4,40 82,4 3,00 28,4 Time function by		0,1	ĸw	Vmax	Pb	ä.	V(L)	ر <u>بار</u>)ه
V(L) Pi Pb Vmax km 60 60 60 200 181089,0 200 192,4 40 26,4 3,00 26,4 CV xylene function by the			in the second	2000	Herricai	Sale Car	ca	Physiolog

	Osure condition Time function) 0,0026 Integration interval(t) 0,005	37,58 23,6 3,00	296,56 14,89 4,40	25,79 11,6 77,8	67,93 1,43 3,02 173544,0 200	Ш	Biochemics	ysiological Physicochemical Pb Fi Pb	V(L) 56,69 11,43 11,6 14,89 23,6	Physiological Q(L/hr) 427,86 5 325,77 67,93 25,79 296,56 137,58	Body © Lung (p) Liver (!) Fat (f) ROB ® Slowly (s) Blood (b)
67.93 1,43 3,02 173644,0 200 US Sept. 176 17,8 11,6 77,8 11,6 77,8 11,6 77,8 11,6 77,8 11,6 77,8 14,40 Sept. 14,89 4,40 Sept. 14,89 4,40 Sept. 14,89 3,00 28,4 Sept. 14,89 3,00 28,4 Sept. 14,89 3,00 28,4 Sept. 14,89 3,00 28,4 Sept. 15,80 Sept. 15,	67,93 1,43 3,02 173544,0 200 US 25,79 11,6 77,8 (u) (u) 296,56 14,89 4,40 (u) (u) 37,58 23,6 3,00 (v) (v)	67,93 1,43 3,02 173544,0 200 US 25,79 11,6 77,8 US 296,56 14,89 4,40	67,93 1,43 3,02 173544,0 200 25,79 11,6 77,8	67,93 1,43 3,02 173544,0 200			Vmax			325,77	Lung (p)
325,77 1,43 3,02 173544,0 200 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	325,77 1,43 3,02 1,73544,0 200 US 25,79 11,6 77,8 296,56 14,89 4,40 37,58 23,6 3,00	325,77 1,43 3,02 1,73544,0 200 US 25,79 11,6 77,8 296,56 14,89 4,40	325,77 67,93 1,43 3,02 173544,0 200 25,79 11,6 77,8	325,77 1,43 3,02 173544,0 200	325,77		Vmax		56,69	427,86	Body @
427,86 56,69 173544,0 200 19 173547,0 200 19 173547,0 200 19 173544,0 200 19 1	427,86 56,69 325,77 1,43 3,02 173544,0 200 US 25,79 11,6 77,8 4,40 S96,56 14,89 4,40 37,58 23,6 3,00	427,86 56,69 325,77 1,43 3,02 173544,0 200 using the control of th	427,86 56,69 325,77 1,43 3,02 1,73544,0 200 35,2 25,79 11,6 77,8	427,86 56,69 325,77 1,43 3,02 1,73544,0 200 重	427,86 56,69 325,77 二	Ę	1	_	V(L)	Q(L/hr)	
Q(L/hr) V(L) Pi Pb Vmax km 0,1 427,86 56,69 173544,0 200 10 10 10 325,77 1,43 3,02 173544,0 200 10 10 10 25,79 14,89 4,40 26,4 14 14 15 14 15 <	Q(L/hr) V(L) Pi Pb Vmax km 427,86 56,69 Pi Pb Vmax km 325,77 3,02 1,43 3,02 Ll 67,93 1,43 3,02 Ll Ll 25,79 11,6 77,8 4,40 Ll Ll 296,56 14,89 4,40 H	Q(L/hr) V(L) Pi Pb Vmax km 427,86 56,69 1,43 3,02 1,73544,0 200 1,23 25,79 11,6 77,8 4,40 9,40 9,60 9,60	Q(L/hr) V(L) Pi Pb Vmax km 427,86 56,69 1,735,77 1,43 3,02 1,735,44,0 200 1,50 25,79 11,6 77,8 1,73,8 1,50 1,50 1,50	Q(L/hr) V(L) Pi Pb Vmax km 427,86 56,69 9 255,77 1,43 3,02 1,73544,0 200 20	Q(L/hr) V(L) Pi Pb Vmax km 427,86 56,69 9 23,77 325,77 3			Physicochemical	ogicai	Physiol	
Cv xylene (ug)	rßn) euelfo	6n) eue	200	500		LL X	chemics	\\X	sicochemical Pb Vm	(L) Pi Pb Vm. Pb	56,69 56,69

		0.1.		7/61		/ → Foc	ιάχ Αχ		•							
الله المادية ا	Cal	km		500												
	Biochemical	Vmax		173544.0					14	8	9					
16 yr Child exposure - inschool, upperbound	hemical	Pb					26,4	Time function		erval(t)	9					
re - inschoo	Physicochemical	ď		3.02	77,8	4,40	3,00			Integration interval(t)	Simulation time					
hild exposu.	gical	(r) A(r)	69'99	1.43	11.6	14,89	23,6	L	-	alle summ	and.					
16 Yr C	Physiological	Q(Chr.)	427,86	67.93	25,79	296,56	37,58	Exposure condition	TO STORY	0,024	6,5					
	Tissue		Body @	Liver (5)	Fat (f)	ROB @	Slowly (s) Blood (b)	Evnoaura	Tago and the same	Cinh(ug/L)	Length(hr)					

SSUG			i				
	Physiological	8	Physicoch	hemical	Blochemical	mica	
	Q(L/hr)	(r)	ā.	ď	Vmax	km	.10
dy 60	427,86	56,69					
Lung (p)	325,77			-			(7)
ver ()	67,93	1,43	3,02		173544,0	200	ı for
at (?)	25,79	11.0	77.8				1) 6
ROB®	296,56	14,89	04,4				- 10'0 Pue
Slowity (s)	37,58	23,6	3,00) pjáx
Blood (b)				26,4			^ ^
Exposure	Exposure condition	•		Time function			880
		•			Ė		0 1 2 3 4 5
Cinh(ug/L)	0,0104		Integration inter	erval(t)	0,005		
Length(hr)	1,4		Simulation time	9	Φ		SINOL

37,5	3,00	26,4 Time function	Vmax 173544,0	44,0 200	CA xylene (ug/L)	, a	. t	8	725	\ 8
Cinh(ug/L) 0,0017	Integration inten	nterval(t)	0,005				!			



3,02 77,8 4,40 3,00 28,4 Time function
nction hr

16	16 yr Child exposure - Urban, upperbound, indoor, nonschoolday	sure - Urban,	noperbon	nd, indoor,	nonschool	day	
Tissue	Physiol	ogical	Physico	chemical	Bioch	Biochemical	
	Q(Uhr)	(T)/A	ā.	æ	Vmax	ĸ	
Body @	427,86	69'89					
Lung (p)	325,77					- de la company	(7
Liver (I)	67,93	1,43	3,02		173544,0	2002	/ Br
Fat (f)	25,79	11,6	77,8			·	1) €
ROB®	296,56	14,89	4,40				oue
Slowly (s)	37,58	23,6	3,00		-	and and	ųÆ.
Blood (b)	., -			26,4			(A

vai(t)	5	Exposure condition	Time function	
Integration interval(t) Simulation time				E
		0,0154	Integration interval(t)	0,005
		20,3	Simulation time	24

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	28
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0,01	0,001
CA YÂIRUA (nBtr.)	~

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					/	/	/ 100'0	-			20000		4	Hours	
				(7	/ 61	n)	eu:	λļe	X A	0	_				
_	mical	Æ		Apro	200	· · · ·									
nschool da	Biochemical	Vmax			173544.0	1						E	0.005	9	,
outdoor, nonschool day	hemical	8				·· •••	,,.		26,4		Time function		interval(t)		A
	Physicochemical	ā.			3,02	77.8	4.40	3,00					Integration inte	Simulation time	
sure - urba	gical	(T)	56,69		1,43	11,6	14,89	23,6			لسا	L		:	J
18 yr Child exposure - urban, typical	Physiological	Q(L/hr)	427,86	325,77	67,93	25,79	296,56	37,58			Exposure condition		0,0026	ر 9	
71	Tissue		Body @	Lung (p)	Liver (i)	Fat (f)	ROB ®	Slowty (s)	Blood (b)		Exposur		Cinh(ug/L)	Length(hr)	

Lung (p) Liver (l) Fat (f) ROB ® Slowly (s) Blood (b)	Physiological (20/L/hr) (27,86 5 325,77 67,93 25,79 37,58 37,58	1,43 11,6 14,89 23,6	Physicochemical Pi	Physiological Physicochemical Biochemica CQ(L/hr) V(L) Pi Pb Vmax 427,86 56,69 77,8 1,43 3,02 11,6 77,8 296,56 14,89 4,40 286,56 23,6 3,00 28,4	Biochemical Vmax k 173544,0 2	km km 200	Cv xylene (ug/L)				
Exposure condition	dition			Time function	-		2000				
Cinh(ug/L)	0,0022		Integration interval(t)	erval(t)	hr 0,005		1000	0 1 2	3 Hours	4 6	40

16	16 yr Child exposure -urban, upperbound, outdoor, nonschool day	ire -urban,	upperboun	d, outdoor,	nonschool	day		
Tissue	Physiological	gical	Physico	Physicochemical	Biochemical	mical		
	Q(L/hr)	V(L)	ď	8	Vmax	ж	, , , , , , , , , , , , , , , , , , ,	
Body @	427,86	56,69					•	
Lung (p)	325,77						(7)	
Liver (I)	67,93	1,43	3,02		173544,0	200	,∕6r	
Fat (f)	25,79	11,6	77.8				1) 6	
ROB ®	298,58	14,89	4,40				- 10'0	
Slowly (s)	37,58	23,6	3,00				/ Lyler	
Blood (b)				28,4			/	
Expos	Exposure condition			Time function			0.001	
					È		- KG	
Cinh(ug/L)	7,000,0		Integration int	nterval(t)	0,005			,
Length(hr)	1,9		Simulation tim	ime	မွ		SINGL	

Tissue	Physiological	ogical	Physicochi	hemical	Biochemical	amical							
	Q(Uhr)	V(L)	id.	Pp Q	Vmax	æ	, 500						
Body @	427,86	69'95					Ž						
Lung (p)	325,77						(7						
Liver ()	67,93	1,43	3,02		173544,0	200	/B1						
Fat (f)	25,79	11,6	77.8				ገ) ና						
ROB @	296,56	14,89	04,4				eu e	\					
Slowly (8)	37,58	23,6	3,00				λįς						
Blood (b)				26,4			× ^:			_			
		-)			/			
Exposit	Exposure condition			Time function			1000						
					ř		· c	· ur	. ç	, t	. 8	, C	S
Cinh(ug/L)	0,0017		Integration inten-	erval(t)	900'0		•	•		2	3	3	3
Length(hr)	14,2		Simulation time	ø	24				T	Hours			

			8	
			23	
			ឧ	
			क	Hours
			5	
			in	
- (1	xylene (ug/i	o o o	0	

	18 yr Child	16 yr Child exposure - urban, typical, indoor, schoolday	rban, typica	al, indoor,	schoolday	
Tissue	Physiological	ogical	Physico	Physicochemical	Biochi	Biochemical
	Q(L/hr)	(T)A	ā	g.	Vmax	호
Body @	427,86	69'95				
Lung (p)	325,77					····
Liver (I)	67,93	1,43	3,02		173544,0	Š
Fat (f)	25,79	11,6	77,8			
ROB ®	296,56	14,89	4			
Slowly (s)	37,58	23,6	3,00			
Blood (b)				26.4		

Time function	
	Ē
ntegration interval(t)	900'0
Simulation time	24

Exposul	Exposure condition	Ц
Sinh(ug/L)	0,0052	lnte
ength(hr)	14,2	Sim

Liver (i) 67,93 1,43 3,0	_			5 (⊓)
(s) 37,58 23,6	3,02 4,40 3,00	173544,0	200	xylene (ug

	٦٢	0.005	24	
Time function		Integration interval(t)	Simulation time	
Exposure condition		0,0044	14,2	
Exposur		Cinh(ug/L)	Length(hr)	

Hours

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0,001

ssne	Physiol	ogical	Physicoc	Physicochemical	Bioch	Biochemical	
	Q(L/hr)	V(L)	iΔ	Pb	Vmax	ĸ	0
sody ©	427,86	56,69					ĵ.
-nug (b)	325,77						(٦
.iver (l)	67,93	1,43	3,02		173544,0	200	/6t
Fat (f)	25,79	11,6	77,8				ነ) ፥
OB ®	296,56	14,89	4,40				oo Sue
slowly (s)	37,58	23,6	3,00				λje
(q) pool				26.4			x /

A DOSOLG	Exposure condition	Time function	
			'n
(ng/L)	0,0154	Integration interval(t)	0,005
ength(hr)	14,2	Simulation time	24

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25

20

15 Hours

ç

0,001

200 Ē 16 yr Child exposure - rural, typical, outdoor, school day
Physiological Physicochemical Biochemical 173544,0 Vmax 26,4 Physicochemical Pi Pb 3,02 77,8 4,40 3,00 V(L) 56,69 1,43 11,6 14,89 23,6 Physiological Q(L/hr) V/427,86 56 325,77 67,93 11,25,79 17,296,56 114 37,58 23 Body © Lung (p) Liver (l) Fat (f) ROB ® Slowly (s) Blood (b) Tissue

	hr	0,005	9
Time function		Integration interval(t)	Simulation time

0,00084

Cinh(ug/L) Length(hr)

Exposure condition

Time function	
	hr
Integration interval(t)	0,005
Simulation time	9

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1	· ຜ
	· ທ
	4 Hours
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,	= 0
0,0	
Cv xylene (ug/L)	•

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	Ē		(ח	/ 6r	1) (eu e	λіє	× ^	o				
Biochemical	Vmax			173544,0							Ę	0.005	
Physicochemical	Pb							26,4		Time function		erval(t)	(2)
Physico	ā			3,02	77,8	4,40	3,00					Integration interv	
gical	V(L)	56,69		1,43	11,6	14,89	23,6						
Physiological	(hr)	427,86	5,77	7,93	25,79	296,56	37,58			dition		0,0026	,
	(L/hr	42	32	9		2				sure condition			

Tissue

-	_	1						-		$\overline{}$	-	-	1
	Pb							26,4	Time function		erval(t)	Э	
Joseph P	ď		··· •• ••	3,02	77,8	4,40	3,00				Integration interval(t)	Simulation time	
200	V(L)	56,69		1,43	11,6	14,89	23,6						
i i yarological	Q(L/hr)	427,86	325,77	67,93	25,79	296,56	37,58		Exposure condition		0,0026	1,9	
2000		Body ©	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)	Exposur		Cinh(ug/L)	Length(hr)	

0,005

16 yr Child exposure - rural, upperbound, outdoor, school day

	mical	ă			200				
	Biochemical	Vmax			173544.0	•			
	Physicochemical	٩d							26,4
	Physico	ō.			3,02	77,8	4,40	3,00	
l	gical	V(L)	56,69		1,43	11,6	14,89	23,6	
120,20,00	Physiological	Q(L/hr)	427,86	325,77	67,93	25,79	296,56	37,58	
Tiperio	- Issue		Body ©	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)

Time function		Integration interval(t)	Simulation time
_	1	21	வ
ı		ᇲ	71

Exposure condition

Cinh(ug/L) Length(hr)

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	3 Hours
	7
	-
0,000	0
Cv xylene (ug/L)	o
200	

0,01

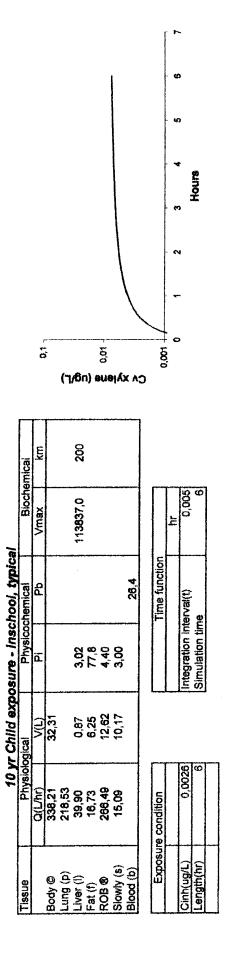
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		2	
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0,1 -	0.01	0	
	Cv xylene (ug/L)		
Æ	200		

7	16 yr Child exposure -urban, upperbound,outdoor, school dav	osure -urbai	n, upperbol	und,outdoo	r, school de	2	
Tissue	Physiological	logical	Physico	Physicochemical	Bioch	Biochemical	_
	Q(L/hr)	V(L)	ā	Pb	Vmax	¥	_
Body @	427,86	56,69					
Lung (p)	325,77						
Liver (I)	67,93	1,43	3.02		173544 0	200	
Fat (f)	25,79	11.6	77.8)	2	_
ROB ®	296,56	14.89	4	•			_
Slowly (s)	37,58	23,6	3,00				
Blood (b)				26,4			

Exposur	Exposure condition
Sinh(ug/L)	7,0000
.ength(hr)	ر. 9,

Time fund	Integration interval(t)	Simulation time	
posure condition	0,0077	Q, L	
pos	(L)	들	

Time function



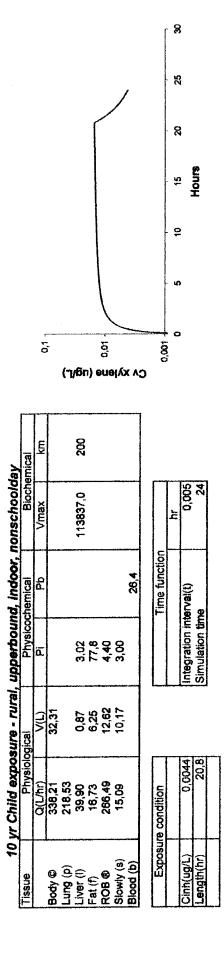
DOSCI.	Chairman	Obviolation	1	1 2 2 3 2 4	ı	1 - 1						
	Participation of the participa		Biskin	Taylor Colored	CIOCHETICAS	HCH						
	Q(L/hr)	V(L)	ā	£	Vmax	Æ	C					
Body @	338,21	32,31					Š					
Lung (p)	218,53						(7	/				
iver (i)	39,90	0,87	3,02		113837,0	200	/Br	\				
Fat (f)	16,73	6,25	77.8				n) e	_				
ROB ®	266,49	12,62	4.40				S Suc	_				
Slowly (s)	15,09	10,17	3.00				λįε					
Blood (b)				26,4			XΛ					
							၁					
Exposur	Exposure condition			Time function			0000					- 1
					Ė				er.	٠ ٦	· uc	
Cinh(ug/L)	0,024		Integration interval(t)	erval(t)	0,005			-	, :	•	,	
_ength(hr)	9		Simulation tim	e e	9				E	Hours		

10 yr Child exposure - invehicle	Physiological Physicochemical Biochemical	(L/hr) V(L) Pi Pb Vmax km n1.	32,31		0,87 3,02 113837,0 200	6,25 77,8	12,62 4,40	10,17 3,00	78.7) 	lition Time function	11	, r	Simulation time 6 Hours	
10 yr	Physiological			218,53			266,49 12				condition		0,0104	-	
	Tissue		Body @	Lung (p)	Liver (i)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposure condition		Cinh(ug/L)	Length(hr)	

											[3		
								_	/	/		ę		
											5	3		
											- 4°	2	Hours	
											ţ	2		
											- 4	b		
		č		(7/6	n)	9U	λje	× A	<u>`</u>		- CO	>		
	mical	£		200	}			-						
door, nonschooldav	Biochemical	Vmax		113837.0	2						٦	0.005	24	
indoor, nor	chemical	P			table on			26,4		Time function		terval(t)		
ıral, typical,	Physicoch	Œ		3.02	77.8	4.40	3,00					Integration inter	Simulation time	
posnie - ru	ogical	V(L)	32,31	0.87	6,25	12,62	10,17							
10 yr Child exposure - rural, typical, in	Physiological	Q(L/hr)	338,21	39,90	16,73	266,49	15,09			Exposure condition		0,0017	20,8	
****	Tissue		Body @	Liver (i)	Fat (f)	ROB®	Slowly (s)	Blood (b)		Exposur		Cinh(ug/L)	Length(hr)	

	ביים אם מיווים בל מי	17 - D 17 2	uall, typical	, ווומסטר, חס	sure - urbani, typical, mooor, nonschoorday					
Fissue	Physiologic	ical	Physico	Physicochemical	Biochemical	mical				
	(Дн.)	V(L)	ã	8	Vmax	Ę	č			
Body @	338,21	32,31					j j			
Lung (p)	218,53			-			(7			
iver (I)	39,90	0,87	3.02		113837.0	200	/ 6 1			
Fat (f)	16,73	6,25	77.8	enere e			n) :			
ROB @	266,49	12,62	4.40				9U			
Slowly (s)	15,09	10,17	3.00	······································		,	γļe	_		
Blood (b)				26,4			X A			
							၁			
Exposu	Exposure condition			Time function			0	يراد الا		
					j.		150,0	ŭ	5	•
Sinh(ug/L)	0,0052		Integration interval(t)	terval(t)	0,005				2	D :
.ength(hr)	20,8		Simulation time		24					Hours

20 25 30



					\ \	_	-		· ·			20 00	2	Hours	
		č	5	(7	/6t	n) (9U(λje	X A	၁	Ç				
/a/	mical	Ę			500	· · · ·									
n, upperbound, indoor, nonschoolday	Biochemical	Vmax			113837.0	-						ž	0,005	24	
nd, Indoor,	Physicochemical	8							26,4		Time function		erval(t)	. er	
, upperbou	Physico	ā			3,02	77.8	4,40	3,00					Integration interval(t)	Simulation time	
ure - Urban		V(L)	32,31		0.87	6,25	12,62	10,17							
10 yr Child exposure - Urbar	Physiological	Q(L/hr)	338,21	218,53	39,90	16,73	266,49	15,09			Exposure condition		0,0154	20,8	
103	Tissue		Body @	Lung (p)	Liver (i)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposur		Cinh(ug/L)	Length(hr)	

						•	
Fissue	Physio	logical	Physicol	chemical	Bioch	Biochemical	r
	Q(L/hr)	V(L)	ď	Pb	Vmax	km	
Body ©	338,21	32,31					
Lung (p)	218,53						
Liver (I)	39,90	0.87	3.02		113837.0	202	γß
Fat (f)	16,73	6.25	77.8			}	
ROB ®	265,49	12.62	4.40				a u
Slowly (s)	15,09	10,17	3.00				
Blood (b)				28.4			

Time function interval(t)		'n	900'0	9
Integration Simulation	Time function		Integration interval(t)	Simulation time

Exposure condition

ntegration interval(t)

			m	Hours
			N	
			-	
0,01	- 100.00	0,000	٥	
	CA x\ieue (nd\r)	O		

		,	(1)	1/6	/ n)	/- 1000 ou	Àje	×Α	၁	7	10000	n N	
Biochemical	ry W			200			•						
mical Biochem	Vmax			113837.0							يز	0.005	
hemical	5		•				•	26,4		Time function		irval(t)	
Physicochemical	ā			3,02	77.8	04.4	3,00					Integration interval(t)	Cincillation State
	V(L)	32,31	-	78'0	6,25	12,62	10,17					•==	
gical	-	,21	8,53	39,90	16,73	266,49	15,09			Exposure condition		0,0026	00
Physiological	Q(L/hr)	338	2	.,				- 1	•	7.		1	

O(L/hr)	-	-1-i-i-i-i	1000									
O(L/hr) V(L) Pi Pb Vmax km 0.01 338,21 32,31 32,31	113300	LINSIOID	į į	Luysico	SPECIAL CALL	alocu	emica					
338,21 32,31 218,53 2.00 113837,0 200 1138337,0 200 11383		Q(L/hr)	V(L)	ā	9	Vmax	кж	. 100				
218,53 0,87 3,02 113837,0 200 Line function interval(t) 0,0005 Constitution interval(t) 0,0005 Constit	Body @	338,21	32,31					2				
39,90 0,87 3,02 113837,0 200 US 16,73 6,25 77,8 6,25 77,8 12,62 4,40 12,62 4,40 15,09 10,17 3,00 26,4	Lung (p)	218,53						(7				
16,73 6,25 77,8 6.26 4,40 6.001	Liver (i)	39,90	0,87	3,02		113837,0	200	/ßı	/			
266.49 12.62 4.40 26,44 26	Fat (f)	16,73	6,25	77.8				n) :	/	/		
15,09	ROB®	266,49	12,62	4						/	/	
Osure condition Time function hr 0,0001 Integration interval(t) 0,005 0 1 2 3	Slowly (8)	15,09	10.17	300				οļΛ				1
State condition Time function Integration interval(t) 0,0005 0,0005 0 1 2 3	Blood (b)				26,4			ΧA				
Stare condition Time function hr 0,0001 0 1 2 3 Integration interval(t) 0,005 0 0 1 2 3								၁				
0 0,0022 Integration interval(t) 0,005 0 1 2 3	Exposi	ure condition			Time function			, mo				
0,0022 Integration interval(t) 0,005 Similarity interval(t)						'n		iann's				•
Similation time	Cinh(ug/L)	0,0022		Integration int	erval(t)	0.005			n)	4	Ď	D
	Length(hr)	2.2		Simulation time	; œ	90			HOT	2		

Serve	Physiological	poical	Physica	Physicarchamical	Physicachamical Riochamical	smicel						
	Q(L/hr)	V(L)	Pi	Po	Vmax	ķ						
Body @	338,21	32,31					a a					
d (b)	218,53						(-					
Liver (I)	39,90	0.87	3.02		113837.0	200	y6					
Fat (f)	16,73	6,25	77.8			}	n)	\	/			
ROB ®	266,49	12.62	4.40				9U		/			
Slowly (s)	15,08	10,17	3,00					\	/	/		
Blood (b)				26,4			X A					
Expost	Exposure condition			Time function			5					1
					ji.		י ליא		•	•		•
Cinh(ug/L)	7,00,0		Integration interval(t)	terval(t)	0.005		-	-	9	•	o	Ø
Length(hr)	2.2		Simulation tin	. 92	α:				Hours	22		

(p) 218,53 (l) 39,90 (l) 15,09 (lb) (lb) (lb) (lb) (lb) (lb) (lb) (lb)	siologic:	32,31 0,87 3,02 113837,0 200 Q	16,73 6,25 77,8 266,49 12,62 4,40 15,09 10,17 3.00	26.4	ndition Time function	Integration interval(t) 0,005 Simulation time
--	-----------	-----------------------------------	--	------	-----------------------	--

Tissue	Physiol	odical	Physico	chemical	Pinch	pmira	
	Q(Lhr)	(AUF)	d	dd dd	Vmax	Ka Ka	
Body @	338,21	32.31					, r.
Lung (p)	218,53				, <u>,</u>		(7
Liver (I)	39,90	0,87	3.02		113837.0	500)/B:
Fat (f)	16,73	6,25	77.8				n) :
ROB @	286,49	12,62	4.40				9U
Slowly (s)	15,09	10,17	3,00				λļe
Blood (b)				38.4			x a

	'n	0,005	24
Time function		Integration interval(t)	Simulation time

Exposure condition

Time Integration interval

		8	
	1	x	
		R	
		. 6	Hours
		10	
		- 10	
0,1 			
Ó	0,0	- 100'0 - 100'0	
	Cv xylene (ug/L)		

						/	/	/			3	Hours	
	·	(ר)	<i>/</i> 6r	1) (10,0	o) Å jo	K A	0	0000		2		
Æ			200			4. 							
Vmax			113837,0							È	0,005	24	
£						-	26,4		Time function		terval(t)	me	
ā			3,02	77,8	4,40	3,00					Integration in	Simulation time	
V(L)	32,31		0,87	6,25	12,62	10,17							
ر ايار)	338,21	218,53	39,90	16,73	266,49	15,09			Exposure condition		0,0044	15	
	Body @	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposul		Cinh(ug/L)	Length(hr)	

10 yr Child exposure - rural, upperbound, Indoor, schoolday
Physiological Physicochemical Biochemical

			(/	/	/	/					15 20 25	Hours
											4	9	
	č	5	(7	<u>/</u> 6	n)	oo oo		X A	-	300	3,5	•	
mical	Ş			200	· · ·								
Biochemical	Vmax			113837.0							È	0.005	24
chemical	£							26,4		Time function		erval(t)	0
Physicoct	ā			3,02	77.8	4.40	3,00					Integration inte	Simulation time
-		32,31		0,87	6,25	12,62	10,17						
gical	N(F											0,0154	15
Physiological Physicoct	Q(L/hr) V(L	338,21	218,53	39,90	16,73	286,49	15,09			Exposure condition		0,0	

				(/	/		_	2	sometimes of the state of the s	0 1 2 3 4 5	Hours	
	(oʻ	(7/	ßn)	en		X A	0	o c	1000°0			
mical	Ę		-	 500		-							
Biochemical	Vmax		1	113837,0						غ	0.005	9	
Physicochemical	æ					arya ayana	26,4		Time function		erval(t)		
Physico	ā.		Ç	3,02 77.8	4.40	3,00					Integration interval(t)	Simulation time	
gical	V(L)	32,31	0	0,07 6,25	12,62	10,17							•
Physiological Physicochemical Bioch	Q(L/hr)	338,21	20 00	16,73	266,49	15,09		****	Exposure condition		0,00084	2	
lissue		Body ©	Lung (p)	Fat (f)	ROB®	Slowly (s)	Blood (b)		Exposure		Cinh(ug/L)	Length(hr)	

			/	/	/	/						J	Hours
				\	_	_							
	ć	5	(7	/ßi	n) (9U4	λγε	ΧΛ	၁	10000	- 2000,0	>	
mical	κχ			500	• • •	* * * * **		- 1					
gical Physicochemical Biochemical	Vmax			113837.0		-	water v				ž	0.005	ထ
Physicochemical	£							26,4		Time function		erval(t)	ഇ
Physico	ď			3,02	8,77	4,40	3,00					Integration interval(t)	Simulation time
gical	V(L)	32,31		0,87	6,25	12,62	10,17						
Physiolog	Q(L/hr)	338,21	218,53	39,90	16,73	266,49	15,09			Exposure condition		0,0028	2
sne		dy @	(d) 5u	(E) Le	€	8	wly (s)	(q) po		Exposur		lh(ug/L)	ngth(hr)

Body © Lung (p) Liver (i) Fat (f) ROB © Slowly (s)

Tissue

	Physiologica	lical	al Physicochemical Biochem	Physicochemical	Biochemical	mical					
0	Q(L/hr)	V(L)	ā	Pb	Vmax	ka ka					
aody ©	338,21	32,31					נים,	,			
Lung (p)	218,53						(-		(
Liver (i)	39,90	0,87	3.02		113837.0	200	1/6		/	,	
Fat (f)	16.73	6,25	77.8			2	n)	\		/	
ROB ®	266,49	12.62	4.40				9u	_		/	
Slowly (s)	15,09	10.17	3,00			-					,
Blood (b)				26.4		· · · · · · · ·	ίχ /				
							c				
Exposure	Exposure condition			Time function			7000	**************************************			
					12		מימים				
Cinh(ug/L)	0,0022		Integration interval(t)	erval(t)	0.005			r 0	7	ო	4
Length(hr)	2		Simulation time	ie.	8					Hours	φ

pical	Biochemical	Vmax km		(-	75628.0 200 9/1)	9u 0'001		(X A	3		0,000	0.005	Hours
sure - inschool, typical	Physicochemical	P. Pb			3,02	59.2	4.40	3,00	26,4		Time function		Integration interval(t)	Simulation time
d expo	gical	V(L)	18,73		0,54	4,17	5,43	3,42	,					
377	Physiological	Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			Exposure condition		0,0026	2,9
	Tissue		Body ©	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposure		Cinh(ug/L)	Length(hr)

154,78		Č	, in the second	(ר)	61	/ n)) out	Aje	X A	c		1000	5 3 4 5	Y CH
154,78		4			2007	, 	•							
154,78	Biochemical				75628,0							١	0.005	
100gical (V(L) 154,78 (173 93,41 14,68 0,54 177 127,89 5,43 4,26 3,42 17 18,73 127,89 5,43 17 127,89 5,43 17 127,89 5,43 17 17 127,89 5,43 17 17 127,89 5,43 17 17 127,89 5,43 17 17 127,89 5,43 17 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	ā	D.							26,4				rval(t)	;
100gical (V(L) 154,78 (173 93,41 14,68 0,54 177 127,89 5,43 4,26 3,42 17 18,73 127,89 5,43 17 127,89 5,43 17 127,89 5,43 17 17 127,89 5,43 17 17 127,89 5,43 17 17 127,89 5,43 17 17 127,89 5,43 17 17 18 17 18 18 18 18 18 18 18 18 18 18 18 18 18	hysicochemic			•	3,02	59.2	4,40	3,00			me function		tegration inte	mile fine time
15. 15. 15. 15. 15. 15. 15. 15. 15. 15.	Ь	.)	18,73		ر ب پ	4,17	5,43	3,42			E	l	<u> =</u>	Ö
المانية المحالة	Physiological	Q(L/hr) V(L	154,78	93,41	00,4	7,95	127,89	4,26			Exposure condition		0,024	000

Cinh(ug/L) 0,0104 Integration interval(t) 0,005 0 1 2 3 4 5 6		9 Physicoct Pi 2,02 59,2 4,40 3,00	9gical V(L) 18,73 18,73 0,54 4,17 5,43 3,42	Physiolo (U/hr) 154,78 93,41 14,68 7,95 127,89 4,26 re condition	Body © Liver (I) Fat (f) ROB ® Slowly (s) Blood (b)
				re condition	Exposur
Time function					
5	26,4				(q) pool
Sure condition Time function		3,00	3,42	4,26	lowly (s)
4,26 3,42 3,00 26,4 プリン Sure condition Time function		4.40	5,43	127,89	OB @
127,89 5,43 4,40		59,2	4,17	7,95	at (f)
7,95 4,17 59,2 (June function 7,95 4	75628.0	3,02	0,54	14,68	iver (I)
14,68 0,54 3,02 75628,0 200 gg/L 7,95 4,17 59,2 4,40 26,4 3,42 3,00 26,4 26 3,42 3,00 26,4 26,4	***************************************			93,41	(d) Bun
93,41 14,68 0,54 3,02 7,95 4,17 59,2 127,89 5,43 4,40 3,00 26,4 Time function Time funct	-		18,73	154,78	ody @
154,78 18,73	m>	ā	V(L)	Q(Lhr)	
Q(Lhr) V(L) Pi Pb Vmax km 154,78 18,73 Pi Pb Vmax km 93,41 14,68 0,54 3,02 75628,0 200 ugh 7,95 4,17 59,2 4,40 ee ee ee 127,89 5,43 4,40 26,4 xyh 3,42 3,00 26,4 xyh A,26 3,42 3,00 26,4 xyh		Physicoct	ogical	Physiolc	Source
	[위다 보 []]	7562	Pb	(L) Pi Physicochemical Vm 8,73 Pi Pb Vm 9,54 3,02 7562 5,43 4,40 26,4 26,4 7562	175 O 54 3,02

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		č	, ioʻo	(~	1/6	n)	o.0	λle	× A	ာ	0 0003
	mical	£			200	 }					
schooldav	Biochemical	Vmax			75628.0						
tvpical. indoor. nonschooldav	hemical	8			***		***************************************		26,4		Time function
ll. tvpical. ii	Physicochemical	ia			3.02	59.2	4.40	3,00			
osure - rura	gical	V(L)	18,73		0,54	4 17	5,43	3,42			
3 yr Child exposure - rural.	Physiological	Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			Exposure condition
	Tissue		Body ©	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowty (s)	Blood (b)		Exposur

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0,000,

Integration interval(t) Simulation time

0,0017

Cinh(ug/L) Length(hr)

Hours 15

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		15	Hours
		10	
		- ()	
,1 		- 0	
á	Cv xylene (ug/L)		

	3 yr Child exposure - urban, typical, indoor, nonschoolday	osure - urba	n, typical,	indoor. not	nschooldav	
Tissue	Physiological	ogical	Physico	Physicochemical	Bioch	Biochemical
	Q(L/hr)	(L)	ď	Pb	Vmax	Ę¥
Body @	154,78	18,73				
Lung (p)	93,41				-	
Liver (I)	14,68	25,0	3.02		75628.0	200
Fat (f)	7,95	4,17	59.2)	2
ROB ®	127,89	5,43	4.40			
Slowly (s)	4,26	3,42	3,00			
Blood (b)				26.4		

Time f Integration interval(t Simulation time

Exposure condition	0,0052	19,7	
Exposur	Cinh(ug/L)	Length(hr)	

									/	•			5 10 15 20 25 30	Hours	
			1.0	(-	7/6	n)	eu	λle	×	C^		0,001	0		
^e	Biochemical	E			000	3	-								
indoor, nonschooldav	Bioch	Vmax			75628.0)						È	0.005	400,0	
d. indoor. n	chemical	a B							26.4		Time function		erval(t)	(1)	
upperboun	Physicoche	ā			3.02	59.2	4.40	3,00					Integration interval(t)	Simulation time	
ure - rural,	gical	V(L)	18,73		0.54	4.17	5,43	3,42			•	•	•		
3 yr Child exposure - rural, upperbound.	Physiological	Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			Exposure condition		0,0044	19,7	
3,	Tissue		Body @	Lung (p)	Liver (I)	Fat (f)	ROB®	Slowly (s)	Blood (b)		Exposur		Cinh(ug/L)	Length(hr)	

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	Ę		 .		·····								
Biochemical	k R			200	} 	_						lio i	_
Bioc	Vmax			75628.0	o i i						Ĕ	0,005	77
g	Pb							26,4		Fime function		Q	_
cochemical						···				Time		interval(t	ime
Physicoct	ā			3.02	59.2	4.40	3.00					Integration inter	Simulation time
ical	V(L)	18,73		0,54	4.17	5,43	3,42		• •				
Physiological	/hr)	,78	41		£	68	<u>.</u>			U.		0,0154	- D
	Q(L/hr)	7 7 7 7 7 7 1 7 1 1 2 1	<u>ස</u>	4,	3 / 2	127,89	.4			Exposure condition			
I				Liver (I)			Slowly (s)	Blood (b)		inso Sen		Cinh(ug/L)	_

	unction hr 0 005	(127,89 5,43 4,40 4,26 3,42 3,00 26,4	14,68 0,54 3,02 75628,0 200 7,95 4,17 59.2	154,78 18,73	Issue Physiological Physicochemical Biochemical	2 %	Cv xylene (ug/L)	Chemic 35	Ction h	Physicochemical Pi Pb Pb 9,02 89,2 4,40 7,00 26,4 Time fun ation interval(t)	((L) 8,73 1,54 1,17 8,43 8,42	Physiolog Q(L/hr) 154,78 93,41 14,68 7,95 127,89 4,26 0,0026	Body © Lung (p) Liver (l) Fat (f) ROB ® Slowly (s) Blood (b) Exposu
154,78 18,73	154,78 18,73 93,41 14,68 0,54 3,02 75628,0 200 ugg/ 7,95 4,17 59,2 4,40 127,89 5,43 4,40 26,4	154,78 18,73 33.41 14,68 0,54 3,02 75628,0 200 39	154,78 18,73				č	L	E>			Q(L/hr)	,

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		0.01	Sv xylene (ug/L))	e c	•	
	mical	km	200				
2000	Biochemical	Vmax	75628,0		¥	0,005	G

2001	and construction	ogica:	Disk.	I you condition
	Q(Lhr.)	Λ(Γ)	!d	e Q
Body @	154,78	18,73		
Lung (p)	93,41			
Liver (I)	14,68	0,54	3,02	
Fat (f)	7,95	4,17	59,2	
ROB®	127,89	5,43	4,40	
Slowly (s)	4,26	3,42	3,00	
Blood (b)				26,4
Exposur	Exposure condition			Time function

3 yr Child exposure - rural, typical, outdoor, nonschool day
Physiological Physicochemical Biochel

Tissue

Exposure condition	0,00084	3,1	
Exposur	Sinh(ug/L)	-ength(hr)	

Time fun	Integration interval(t)	Simulation time	
Exposure condition	0,00084	3,1	
Exposni	Cinh(ug/L)	Length(hr)	

Tissue Physiological Physicochemical Biochemical	Q(L/hr) V(t) Pi Pb Vmax km	154,78 18,73	93,41	14,68 0,54 3,02 75628,0 200	7,95 4,17 59.2	127,89 5.43 4.40 Re	3,42 3,00	26,4			J.	Cinh(ug/L) 0,0022 Integration interval(t) 0,005		Tissue Body © Lung (p) Liver (l) Fat (f) ROB ® Slowly (s) Blood (b) Exposur	Physiolo Q(L/hr) 154,78 93,41 14,68 7,95 127,89 4,26 e condition 0,0022	((L) 8,73 8,73 5,54 1,17 3,42	91,000 3,02 59,2 4,40 3,00 3,00	Pb Pb 26,4	75628,0 76058,0		Cv xylene (ug/L)	2 2	4	/
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Jav	emical	Ē			200	}									
outdoor, nonschool day	Biochemical	Vmax			75628.0		•					Ĕ	0.005	9	,
		d.							26,4		Time function		erval(t)		
upperbound	Physicochemical	Ē			3,02	59.2	4.40	3,00					Integration interv	Simulation time	
ire -urban, i	gical	V(L)	18,73		0,54	4.17	5,43	3,42							
3 yr Child exposure -urban, upperbound,	Physiological	Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			posure condition		7,0000	3,1	
3 11			_	<u>a</u>	_		_	(s)	(a)		nsodx		g/L)	(hr)	

Cinh(ug/L) Length(hr)

Exposure condition

Body © Lung (p) Liver (!) Fat (f) ROB ® Slowly (s) Blood (b)

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		. 4	5	Hours
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0,01	Cv xylene (ug/L)	0,000	o	
Æ	200			

	3 yr Child e	xposure -	3 yr Child exposure - rural, typical, indoor, schoolday	indoor, so	hooldav	
Tissue	Physiological	ogical	Physicoc	Physicochemical	Biochemical	mical
	Q(L/hr)	V(L)	ā.	Pb	Vmax	Ę
Body @	154,78	18,73				
Lung (p)	93,41	•				
Liver (I)	14,68	0,54	3.02		75628.0	000
Fat (f)	7,95	4.17	59.2			3
ROB ®	127,89	5,43	4.40			
Slowly (s)	4,26	3.42	300			
Blood (b)		•		26.4		
Exposul	Exposure condition			Time function		
					ځ	
Cinh(ug/L)	0,0017		Integration interval(t)	erval(t)	0.005	
Length(hr)	17,8		Simulation time	a	24	

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						/					16		Hours	
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	0	5	(7	/6r	1) (000 9ue	λje	ΧΛ	0	5		•		
nical	Ē			500	•	•								
Biochemical	Vmax			75628,0							Ė	0.005	24	
Physicochemical	Рb							26,4		Time function		terval(t)	- P	
Physico	ā.			3,02	59,2	4,40	3,00					Integration int	Simulation time	
gical	V(L)	18,73		0,54	4,17	5,43	3,42							
Physiological	Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			Exposure condition		0,0052	17,8	
Tissue		Body @	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposure		Cinh(ug/L)	Length(hr)	

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		Ç	, ,	(7) /6:	n)) 00 00 00	λle	× ^	၁	000	· · ·	>	
	emical	£			200	i								
ound, indoor, schoolday	Biochemical	Vmax			75628.0							בֿ	0.005	24
ınd, indoor,	hemical	Pb							26,4		Time function		nterval(t)	• • • • • • • • • • • • • • • • • • •
I, upperbou	Physicochemical	ă			3,02	59.2	4,40	3,00					Integration into	Simulation time
sure - rura	gical	V(L)	18,73		0,54	4.17	5,43	3,42						
3 yr Child exposure - rural, upperbo	Physiological	Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			Exposure condition		0,0044	17,8
	Tissue		Body @	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposur		Cinh(ug/L)	Length(hr)

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r.		-	200										
Vmax			75628,0	-						E	0.005	24	
Pb			•				26,4		Time function		rval(t)		
ā.			3,02	59,2	4,40	3,00					Integration inter	Simulation time	
V(L)	18,73		0,54	4,17	5,43	3,42							
Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			Exposure condition		0,0154	17,8	
	Body @	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposure		Cinh(ug/L)	Length(hr)	

3 yr Child exposure - urban, upperbound, indoor, schoolday
Physiological Physicochemical Biochemical

Tissue	Physiological	gical	Physico	Physicochemical	Bioch	Biochemical			
	Q(L/hr)	V(L)	ā	Pb	Vmax	Ē	Š		
Body @	154,78	18,73					D.		
Lung (p)	93,41						(-		
Liver (I)	14,68	0,54	3,02		75628.0	200	J/6 I		
Fat (f)	7,95	4.17	59.2			···	n)	\	
ROB ®	127,89	5,43	4			-	- 100'0	\	
Slowly (s)	4,26	3,42	3,00				λļe	\	
Blood (b)				26,4			× A	_	
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Exposu	Exposure condition			Time function			0000		
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Hours

Integration interval(t) Simulation time

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	mical	EX			200	· · ·	•	•						
chool day	Biochemical	Vmax			75628.0							È	0.005	9
typical, outdoor, school day	Physicochemical	æ							26,4		Time function		erval(t)	•
	Physicod	Ы			3,02	59.2	4.40	3,00					Integration inte	Simulation time
osure - urt	gical	V(L)	18,73		0,54	4,17	5,43	3,42						
3yr Child exposure - urban,	Physiological	Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			Exposure condition		0,0026	2,1
	Tissue		Body @	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposur		Cinh(ug/L)	Length(hr)

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	č	L.,	(-	7/6i	n)	0,01	λle	× A	ာ	-	20,5	>	
mical	Ē		-	200	}		•						
Biochemical	Vmax			75628.0	1			-			غ	0.005	<u>(C</u>
hemical	P.		-					26,4		Time function		interval(t)	· · ·
Physicochemical	ď			3,02	59.2	4	3,00					Integration inte	Simulation time
gical	V(L)	18,73		0,54	4.17	5,43	3,42						
Physiological	Q(L/hr)	154,78	93,41	14,68	7,95	127,89	4,26			Exposure condition		0,0077	2.1
Lissue		Body @	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposure		Cinh(ug/L)	Length(hr)

Tissue Body © Lung (p) Liver (l) Fat (f)	Physiological Q(L/hr) 73,98 653,19 7,31 0	gical V(L) 8,17 0,32	Physicochemical Physicochemical V(L) Pi Pb Pb Pi Pb Pb Pi Pb Pb	Physicochemical Pi Pb	Bioche Vmax 40593,0	Biochemical ax km	(⁊/ 6 n)				
ROB ® Slowly (s) Blood (b)	59,63 3,85	1,69	3,00	26,4			enelyx v		/		
Exposu	Exposure condition			Time function			c		/		
Cinh(ug/L) Length(hr)	0,0104		Integration interval(t) Simulation time	erval(t)	hr 0,005			 - 72	3 4 Hours	- ເ ດ	6

Slowly (s) 3,85 1,97 Blood (b) Exposure condition	3,00 26,4 Time function	40593,0	Z00	Cv xylene (ug/L)				,
		Ė		- 0				- 1
Cinh(ug/L) 0,0017 Inte	ntegration interval(t)	0 005		>	o 10	15 C	2	25
7.40	Cimulation time	5						

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בוווכשו	km	200			
DOUBLE INCAL	ax	3,0		. 00	20,0

J	9 mth Child exposure - urban, typical. Indoor, nonschoolday	osure - ur	ban. tvpical	indoor, no	nschoolda	>
Tissue	Physiological	gical	Physico	Physicochemical	Bioch	Biochemical
	Q(L/hr)	V(L)	ā	d.	Vmax	-
Body @	73,98	8,17				
Lung (p)	53,19					
Liver (I)	7,31	0,32	3.02		40593.0	č
Fat (f)	3,19	3.04	66.4)	ı
ROB ®	59,63	1.69	4.40			
Slowly (s)	3,85	1,97	3,00			
Blood (b)		•		26.4		
Exposu	Exposure condition			Time function		
					'n	
Cinh(ug/L)	0,0052		Integration interval(t)	erval(t)	0.005	
Length(hr)	21,4		Simulation time	.	24	
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0, 1,	cv xylene (ug/l	0.001

9 0	9 mth Child exposure - rural, upperbound, indoor, nonschoolday	osure - rural,	upperboun	nd, indoor.	nonschool	Jav
Tissue	Physiological	logical	Physico	Physicochemical	Biochemical	emical
	Q(L/hr)	V(L)	ā	a a	Vmax	ž
Body ®	73,98	8,17				
Lung (p)	53,19					
Liver (I)	7,31	0,32	3.02		40593.0	200
Fat (f)	3,19	3,04	66.4			2
ROB ®	59,63	1,69	4.40			
Slowly (s)	3,85	1,97	3,00			
Blood (b)				26.4		

Time function Integration interval(t)

Exposure condition	0,0044	21.4	
Exposur	Cinh(ug/L)	Length(hr)	

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												5 10 15	Hours
	,		(-	7/6	n)	000		x A	c			0	
mical	£			200	}								
Biochemical	Vmax			40593.0			***************************************				Ė	0 005	24
Physicochemical Biochemica	g.							26,4		Time function		erval(t)	Je.
Physico	iā.			3,02	66.4	4.40	3,00					Integration in	Simulation time
gical	V(L)	8,17		0,32	3,04	1,69	1,97						
Physiological	Q(L/hr)	73,98	53,19	7,31	3,19	59,63	3,85			Exposure condition		0,0154	21,4
Tissue		Body ©	Lung (p)	Liver (I)	Fat (f)	ROB ®	Slowly (s)	Blood (b)		Exposur		Cinh(ug/L)	Length(hr)

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		4	Hours
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		.	
0,01	100,00	0	
	Cv xylene (ug/L)		

5	9 mth Child exposure - rural, typical, outdoor, nonschool day	posure - rura	I, typical,	outdoor, no	nschool da	<u>></u>
Tissue	Physiological	ogical	Physico	Physicochemical	Bioch	Biochemical
	Q(L/hr)	V(L)	ā	Pb	Vmax	Ē
Body @	73,98	8,17				
Lung (p)	53,19					
Liver (I)	7,31	0,32	3,02		40593.0	200
Fat (f)	3,19	3,04	66,4			} i
ROB ®	59,63	1,69	4.40			
Slowly (s)	3,85	1,97	3,00			
Blood (b)				26,4		

		_		
	Time function		Integration interval(t)	Simulation time
-				

	L	.		•
Exposure condition		0,00084	1,4	
Exposur		Cinh(ug/L)	Length(hr)	

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		4	Hours
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٦,01	Cv xylene (ug/L)	0,0001	
Ē	500		

6	9 mth Child exposure - urban, typical, outdoor, nonschool day	osure - urb	an, typical,	outdoor.	nonschool d	26
Tissue	Physiological	logical	Physico	Physicochemical	Bioch	Biochemical
	Q(L/hr)	V(L)	Ē	g Q	Vmax	EX.
Body @	73,98	8,17				
Lung (p)	53,19					
Liver (I)	7,31	0,32	3.02		40593.0	200
Fat (f)	3,19	3,04	66.4) 	2
ROB ®	59,63	1,69	4.40			
Slowly (s)	3,85	1,97	3,00			
Blood (b)				26,4		

Integration interval(t) 0.005

Exposure condition

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	4	Hours
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Cv xylene (ug/L)	0,0001	

a m	y mtn Child exposure - rural, upperbound, outdoor, nonschool day	Sure - rural,	npperboun	d. outdoor.	nonschool	dav	
enssi	Physic	Physiological	Physico	Physicochemical	Bioch	Biochemical	-
	Q(L/hr)	V(L)	ā	8	Vmax	, x	_
Body @	73,98	8,17					1
rnug (b)	53,19						
liver (I)	7,31	0,32	3.02		40593.0	200	
Fat (f)	3,19	რ გ	66.4			2	
ROB ®	59,63	1,69	4.40				
Slowly (s)	3,85	1,97	3,00				
Blood (b)				26,4			
							-

Time fun	Integration interval(t) Simulation time
Exposure condition	0,0022
Exposur	inh(ug/L) ength(hr)

Time function

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Ē	500			

9 m	9 mth Child exposure -urban, upperbound, outdoor, nonschool day	ure -urban,	upperbour	d, outdoor,	nonschool	dav
lissue	Physiological	gical	Physico	Physicochemical	Biochemical	mical
	Q(L/hr)	V(L)	ā	Pb	Vmax	E
Body @	73,98	8,17				
Lung (p)	53,19					
Liver (I)	7,31	0.32	3.02		40503.0	CCC
Fat (f)	3,19	304	66.4		0.000	200
ROB ®	59.63	1,69	440			
Slowly (s)	3,85	1.97	000			
Blood (b))	26.4		
Exposul	Exposure condition			Time function		
					Ė	
Cinh(ug/L)	7,00,0		Integration interval(t)	erval(†)	2000	
Length(hr)	1,4		Simulation time	(4)	<u> </u>	

Time func	Integration interval(t)	Simulation time	
Exposure condition	2,00,0	4	
Exposur	inh(ug/L)	ength(hr)	