

PROPOSED REVISED LIST OF PAHs

Reduction of current DEQ list from 32 to 25

(Prepared by B. Hope)

PAH	CASRN	MW	EPA Required (1) *	EPA Requested (14) **	From MN list (10) §	PEF †
5-Methylchrysene	3697-24-3	242.31			⊙	1 ‡
6-Nitrochrysene	7496-02-8	273.29			⊙	10 ‡
Acenaphthene	83-32-9	154.21		⊙		-
Acenaphthylene	208-96-8	152.20		⊙		-
Anthanthrene	191-26-4	276.33		⊙		0.5
Benz(a)anthracene	56-55-3	228.29		⊙		0.4
Benzo(a)pyrene	50-32-8	252.31	⊙			1
Benzo(b)fluoranthene	205-99-2	252.32		⊙		2
Benzo(c)fluorene	243-17-4	216.28			⊙	50
Benzo(e)pyrene	192-97-2	252.31		⊙		-
Benzo(g,h,i)perylene	191-24-2	276.34			⊙	0.009
Benzo(j)fluoranthene	205-82-3	252.31			⊙	1
Benzo(k)fluoranthene	207-08-9	252.32		⊙		0.03
Chrysene	218-01-9	228.29		⊙		0.2
Cyclopenta[c,d]pyrene	27208-37-3	226.27			⊙	1
Dibenz(a,h)anthracene	226-36-8	278.35		⊙		40
Dibenzo(a,e)pyrene	192-65-4	302.38			⊙	0.4
Dibenzo(a,h)pyrene	189-64-0	302.38			⊙	0.9
Dibenzo(a,i)pyrene	189-55-9	302.38			⊙	0.7
Dibenzo(a,l)pyrene	191-30-0	302.38			⊙	40
Fluoranthene	206-44-0	202.26		⊙		0.2
Fluorene	86-73-7	166.22		⊙		-
Indeno(1,2,3-c,d)pyrene	193-39-5	276.34		⊙		0.07
Phenanthrene	85-01-8	178.23		⊙		0
Pyrene	129-00-0	202.26		⊙		0

* Naphthalene is also required but already has its own ABC.

** Per NATTS TAD 2009, Revision 2, Table 1-1.

§ PAHs on MN MDH list of 19 priority cPAHs that are not already required or requested by EPA.

† Upper-bound relative (to B[a]P) potency factor from EPA/635/R-08/012A (2009).

‡ Relative (to B[a]P) potency factor from MN MDH (2014).

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