

5.3.2 List of Speciated NPRI Substances

PART 5 SUBSTANCES

	POLLUTANT	CAS	Synonyms	Comments	No. of Compounds	Includes CAS Numbers ...
INDIVIDUAL SPECIES						
264	Acetylene	74862	Ethyne		1	
265	Adipic Acid	124049	Hexanedioic acid; 1,4-Butanedicarboxylic acid		1	
266	Aniline (and its salts)	62533	Benzamine, Aminobenzene		1	
267	Benzene	71432	Cyclohexatriene, Phenyl hydride		1	
268	1,3-Butadiene	106990	Vinyl ethylene, Biethylene, Bivinyll		1	
269	2-Butoxyethanol	111762	EGBE, Butyl Cellosolve, n-Butoxyethanol		1	
270	n-Butyl Acetate	123864	1-Butyl Acetate, acetic acid n-butyl ester		1	
271	Chlorobenzene	108907	Phenyl chloride		1	
272	p-Dichlorobenzene	106467	1,4-Dichlorobenzene, PDCB, p-chlorophenyl chloride		1	
273	Dimethylether	115106	methyl ether, methoxymethane		1	
274	Ethyl Alcohol	64175	Ethanol, Ethyl hydroxide, Methylcarbinol		1	
275	Ethyl Acetate	141786	Ethyl acetic ester, Acetoxyethane		1	
276	Ethylene	74851	Ethene		1	
277	1,2-Dichloroethane	107062	Ethylene dichloride, Freon 150		1	
278	Formaldehyde	50000	methyl aldehyde, methylene glycol, oxomethane		1	
279	n-Hexane	110543	normal hexane, dipropyl, hexyl hydride	cf. "Hexane" (All Isomers, Excluding n-Hexane)	1	
280	Isopropyl Alcohol	67630	2-Propanol, Isopropanol, Rubbing alcohol		1	
281	D-Limonene	5989275	D-1,8-p-Menthadiene		1	
282	Methanol	67561	Methyl alcohol, Wood alcohol, Monohydroxymethane		1	
283	Methyl Ethyl Ketone	78933	2-Butanone, methyl acetone		1	
284	2-Methyl-3-Hexanone	7379126	Isopropyl n-Propyl Ketone		1	
285	Methyl Isobutyl Ketone	108101	hexanone, isopropylacetone		1	
286	Myrcene	123353	7-Methyl-3-methylene-octadiene		1	
287	Beta-Phellandrene	555102	1(7)-2-p-Menthadiene		1	
288	Phenyl Isocyanate	103719	Isocyanatobenzene		1	
289	Alpha-Pinene	80568	Cyclic dextadiene		1	
290	Beta-Pinene	127913	Nopinene		1	
291	Propane	74986			1	
292	Propylene	115071	Propene		1	
293	Styrene	100425	Phenylethylene, Vinyl benzene		1	
294	1,2,4-Trimethylbenzene	95636	1,3,4- and 1,2,5-Trimethylbenzene; Pseudocumene		1	
295	Trimethylfluorosilane	420564			1	
296	Toluene	108883	Methylbenzene, Phenyl methane		1	
297	Vinyl Acetate	108054	Acetic acid ethylene ether		1	
				Sum:	34	

	POLLUTANT	CAS	Synonyms	Comments	No. of Compounds	Includes CAS Numbers ...					
ISOMER GROUPS											
298	Anthraquinone (All Isomers)	*	Anthraquinone		3	84651	84117	635121			
299	Butane (All Isomers)	*	C4 Paraffins, C4 Alkanes, Isomers of Butane		2	106978	75285				
300	Butene (All Isomers)	25167673	C4 Olefin, C4 Alkenes, Butylene		6	25167673	106989	590181	624646	115117	107017
301	Cycloheptane (All Isomers)	*	C7 Cycloparaffins, C7 Cycloalkanes, C2 Cyclopentane	Includes Methylcyclohexane	10	291645	108872	1640897	1192183	1638262	1759586
302	Cyclohexene (All Isomers)	*	C6 Cycloalkenes, Isomers of Cyclohexene	Includes Methylcyclopentenes	5	110838	693890	1120623	1759815	1501582	
303	Cyclooctane (All Isomers)	*	C8 Cycloparaffins, C8 Cycloalkanes, C2 Cyclohexane	Includes Dimethylcyclohexane	25	292648	4126787	1678917	2207047	589902	591219
						624293	583573	6876239	27195671	590669	2207014
						2207036	638040	30498647	4516692	4850286	4259001
						2613696	16747505	930905	930892	16747505	2040962
						3875512					
304	Decane (All Isomers)	*	C10 Paraffins, C10 Alkanes, Isomers of Decane		31	124185	34464385	63335875	871830	5911046	17301949
						15869859	5881174	15869860	7146603	15869871	15869951
						2051301	4110445	15869939	1072168	15869940	52896874
						14676290	17302011	14720742	20278879	20278891	2613618
						4032933	7154805	79004856	1071814	13475815	16747425
						5171846					
305	Dihydronaphthalene (All Isomers)	*	Dihydronaphthalene		2	447530	612179				
306	Dodecane (All Isomers)	*	C12 Paraffins, C12 Alkanes, Isomers of Dodecane	Includes n-Dodecane	9	112403	31807553	17312504	13150817	1071314	62199466
						30586186	62199626	13475826			
307	Heptane (All Isomers)	*	C7 Paraffins, C7 Alkanes, Isomers of Heptane		13	142825	31394544	73513425	25495889	589344	591764
						617787	38815291	565593	108087	562492	590352
						464062					
308	Hexane (All Isomers Excluding n-Hexane)	*	C6 Paraffins, C6 Alkanes, Isomers of Hexane	n-Hexane already on NPRI	6	43133955	107835	96140	75832	79298	38719685
309	Hexene (All Isomers)	25264931	C6 Olefins, C6 Alkenes, Isomers of Hexene	Includes Methylpentenes	17	25264931	592416	592438	592472	7688213	7642093
						37275415	625274	691372	763291	4461487	760203
						27236460	760214	563780	563791	558372	
310	Methylindans (All Isomers)	27133933	Methylindanes		2	27133933	767588				
311	Nonane (All Isomers)	*	C9 Paraffins, C9 Alkanes, Isomers of Nonane		38	111842	61193199	3221612	2216333	2216344	15869804
						2216322	30498669	4032864	1072055	2213232	3074713
						1068195	1071267	2216300	922281	926829	3074757
						3074779	16789461	26447416	3522949	16747265	1069530
						16747254	1068877	16747301	16747312	921471	1067205
						86571393	1070877	16747323	60265512	1186534	7154792
						16747389					
312	Octane (All Isomers)	*	C8 Paraffins, C8 Alkanes, Isomers of Octane	Includes Dimethylhexanes	23	111659	50985847	589811	592278	589537	111002961
						619998	28777675	584941	589435	563166	590738
						592132	583482	79914219	1067089	609267	29222488
						540841	560214	564023	565753	594821	
313	Pentane (All Isomers)	*	C5 Paraffins, C5 Alkanes, Isomers of Pentane	Includes 50% C5 Paraffin/Olefin	4	109660	78784	463821	102056779		
314	Pentene (All Isomers)	*	C5 Olefin, C5 Alkenes, Amylene	Includes Methylbutenes, 50% C5 Paraffin/Olefin	10	109671	25377724	68527117	109682	513359	627203
						646048	563462	563451	26760645		
315	Terpenes	68956569			1	68956569					
316	Trimethylbenzene (All Isomers, Excluding 1,2,4)	25551137	Trimethylbenzene	1,2,4-Trimethylbenzene already on NPRI	3	25551137	526738	108678			
317	Xylene (All Isomers)	1330207	Xylene, Dimethylbenzene	Includes m-xylene, o-xylene, p-xylene	4	1330207	108383	95476	106423		
						Sum:					
						214					

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OTHER COMPOUND GROUPS AND MIXTURES											
318	Creosote	8001589	Coal Tar Oil, Brick Oil, Heavy Oil, Tar Oil		1	8001589					
319	Heavy Aromatic Solvent Naphtha	64742945	Heavy Aromatics, Aromatic 150		1	64742945					
320	Light Aromatic Solvent Naphtha	64742956	Aromatic 100		1	64742956					
321	Mineral Spirits	64475850			1	64475850					
322	Naphtha	8030306			1	8030306					
323	Stoddard Solvent	8052413	White Spirits		1	8052413					
						Sum:					
						6					