

	A	B	C	D	E	F	G	H	I	J
1	Pollutant	matrix	frequency	network	Responsible operator	Database?	start date	End date	units	method of measurement
2	ammonia (NH3)	air	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug N/m3	Online IC (MARGA); 2006 (AMS)
3	hydrochloric acid (HCl)	air	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug Cl/m3	Online IC (MARGA)
4	nitric acid (HNO3)	air	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug N/m3	Online IC (MARGA); 2006 (AMS)
5	nitrous acid (HONO)	air	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug N/m3	Online IC (MARGA)
6	sulphur dioxide (SO2)	air	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug S/m3	Online IC (MARGA)
7	ammonium (NH4+)	PM10	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug N/m3	Online IC (MARGA); 2006 (AMS)
8	nitrate (NO3-)	PM10	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug N/m3	Online IC (MARGA); 2006 (AMS)
9	chloride (Cl-)	PM10	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA); 2006 (AMS)
10	sulphate (SO4(2-))	PM10	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug S/m3	Online IC (MARGA); 2006 (AMS)
11	sodium (Na+)	PM10	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA)
12	potassium (K+)	PM10	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA)
13	magnesium (Mg(2+))	PM10	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA)
14	calcium (Ca(2+))	PM10	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA)
15	ammonium (NH4+)	PM2.5	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug N/m3	Online IC (MARGA); 2006 (AMS)
16	nitrate (NO3-)	PM2.5	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug N/m3	Online IC (MARGA); 2006 (AMS)
17	chloride (Cl-)	PM2.5	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA); 2006 (AMS)
18	sulphate (SO4(2-))	PM2.5	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	Uk-air: ug/m3 EMEP: ug S/m3	Online IC (MARGA); 2006 (AMS)
19	sodium (Na+)	PM2.5	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA)
20	potassium (K+)	PM2.5	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA)
21	magnesium (Mg(2+))	PM2.5	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA)
22	calcium (Ca(2+))	PM2.5	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2006 present date	2006 present date	ug/m3	Online IC (MARGA)
23	1,2,3-trimethylbenzene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
24	1,2,4-trimethylbenzene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
25	1,3,5-trimethylbenzene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
26	1,3-butadiene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
27	1-butene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
28	1-pentene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
29	benzene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
30	ethane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
31	ethylbenzene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
32	ethene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
33	ethyne	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
34	propane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
35	propene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
36	toluene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
37	cis-2-butene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
38	isobutane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
39	isooctane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
40	isopentane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
41	n-butane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
42	n-heptane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
43	n-hexane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
44	n-octane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2010 present date	2010 present date	ug/m3	GC
45	n-pentane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
46	o-xylene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
47	trans-2-butene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
48	trans-2-pentene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	no data	present date	ug/m3	GC
49	2-methylpentane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
50	methylpentane	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	-	present date	ug/m3	GC
51	isoprene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2006 present date	2006 present date	ug/m3	GC
52	m+p-xylene	air	hourly	Automated HC Network	Ricardo-AEA	UK-Air	2008 present date	2008 present date	ug/m3	GC
53	ozone	air	hourly	AURN	Bureau Veritas	UK-Air	2006 present date	2006 present date	ug/m3	UV photometer
54	PM2.5	air	hourly	AURN	Bureau Veritas	UK-Air	2006 present date	2006 present date	ug/m3	TEOM/FDMS
55	nonvolatile PM2.5	air	hourly	AURN	Bureau Veritas	UK-Air	2006 present date	2006 present date	ug/m3	TEOM/FDMS
56	volatile PM2.5	air	hourly	AURN	Bureau Veritas	UK-Air	2006 present date	2006 present date	ug/m3	TEOM/FDMS
57	PM10	air	hourly	AURN	Bureau Veritas	UK-Air	2006 present date	2006 present date	ug/m3	TEOM/FDMS
58	nonvolatile PM10	air	hourly	AURN	Bureau Veritas	UK-Air	2006 present date	2006 present date	ug/m3	TEOM/FDMS
59	volatile PM10	air	hourly	AURN	Bureau Veritas	UK-Air	2006 present date	2006 present date	ug/m3	TEOM/FDMS
60	NO	air	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2009 present date	2009 present date	Uk-air: ug/m3 EMEP: ug N/m3	Photolytic converter
61	NO2	air	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	2009 present date	2009 present date	Uk-air: ug/m3 EMEP: ug N/m3	Photolytic converter
62	SO2	air	hourly	UKEAP/EMEP	CEH	EMEP/UK-Air	present date	present date	Uk-air: ug/m3 EMEP: ug S/m3	UV fluorescence
63	ammonium (NH4+)	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mgN/l	Wet only sampler
64	nitrate (NO3-)	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mgN/l	Wet only sampler
65	sulphate (SO4(2-))	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mgS/l	Wet only sampler
66	chloride (Cl-)	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mg/l	Wet only sampler
67	calcium (Ca(2+))	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mg/l	Wet only sampler
68	sodium (Na+)	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mg/l	Wet only sampler
69	potassium (K+)	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mg/l	Wet only sampler
70	magnesium (Mg(2+))	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mg/l	Wet only sampler
71	phosphate (PO4(3-))	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mg/l	Wet only sampler
72	flourine (F)	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2011 present date	2011 present date	mg/l	Wet only sampler
73	pH	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	-	Wet only sampler
74	conductivity (k)	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	uScm-1	Wet only sampler
75	volume (mm)	precipitation	daily	Precip-Net	Ricardo-AEA	UK-Air	2006 present date	2006 present date	mm	Wet only sampler
76	Antimony (Sb)	PM10	weekly	rural heavy metals	CEH	UK-Air	2006 present date	2006 present date	ng/m3	Partisol 2025 sequential particulate samplers / ICP-MS (Inductively-coupled plasma mass spectrometry)
77	Arsenic (As)	PM10	weekly	rural heavy metals	CEH	UK-Air	2006 present date	2006 present date	ng/m3	Partisol 2025 sequential particulate samplers / ICP-MS (Inductively-coupled plasma mass spectrometry)
78	Barium (Ba)	PM10	weekly	rural heavy metals	CEH	UK-Air	2006 present date	2006 present date	ng/m3	Partisol 2025 sequential particulate samplers / ICP-MS (Inductively-coupled plasma mass spectrometry)
79	Cadmium (Cd)	PM10	weekly	rural heavy metals	CEH	UK-Air	2006 present date	2006 present date	ng/m3	Partisol 2025 sequential particulate samplers / ICP-MS (Inductively-coupled plasma mass spectrometry)
80	Chromium (Cr)	PM10	weekly	rural heavy metals	CEH	UK-Air	2006 present date	2006 present date	ng/m3	Partisol 2025 sequential particulate samplers / ICP-MS (Inductively-coupled plasma mass spectrometry)
81	Cobalt (Co)	PM10	weekly	rural heavy metals	CEH	UK-Air	2006 present date	2006 present date	ng/m3	Partisol 2025 sequential particulate samplers / ICP-MS (Inductively-coupled plasma mass spectrometry)
82	Copper (Cu)	PM10	weekly	rural heavy metals	CEH	UK-Air	2006 present date	2006 present date	ng/m3	Partisol 2025 sequential particulate samplers / ICP-MS (Inductively-coupled plasma mass spectrometry)







	A	B	C	D	E	F	G	H	I	J
1	Pollutant	matrix	frequency	network	Responsible operator	Database?	start date	End date	units	method of measurement
326	2-Methyl Naphthalene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
327	2-Methyl phenanthrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
328	4,5-Methylene phenanthrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
329	5-Methyl Chrysene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
330	9-Methyl anthracene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
331	Acenaphthene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
332	Acenaphthylene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
333	Anthanthrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
334	Anthracene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
335	Benzo(b)naphtho(2,1-d)thiophene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
336	Benzo(c)phenanthrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
337	Benzo(e)pyrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
338	Benzo(ghi)perylene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
339	Biphenyl	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
340	Cholanthrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	31/12/2011		PAH digitel (solid phase + vapour)
341	Chrysene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
342	Coronene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
343	Cyclopenta(c,d)pyrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
344	Dibenzo(a)pyrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
345	Dibenzo(ae)pyrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
346	Dibenzo(ai)pyrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
347	Dibenzo(ah)pyrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
348	Fluoranthene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
349	Fluorene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
350	Perylene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
351	Phenanthrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
352	Pyrene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
353	Retene	air	monthly	PAH digitel (solid phase + vapour)	NPL	Uk-Air	30/12/2009	present date		PAH digitel (solid phase + vapour)
354	Elemental Carbon by reflectance-PM2.5	air	weekly	Particulates	NPL	Uk-Air	01/01/2011	present date		Sven Leckel SEQ
355	Organic Carbon by transmittance-PM2.5	air	weekly	Particulates	NPL	Uk-Air	01/01/2011	present date		Sven Leckel SEQ
356	Total Carbon-PM2.5	air	weekly	Particulates	NPL	Uk-Air	01/01/2011	present date		Sven Leckel SEQ
357	Organic Carbon by reflectance-PM2.5	air	weekly	Particulates	NPL	Uk-Air	01/01/2011	present date		Sven Leckel SEQ
358	Elemental Carbon by transmittance-PM2.5	air	weekly	Particulates	NPL	Uk-Air	01/01/2011	present date		Sven Leckel SEQ
359	SMPS particle size distribution	air	15 minute	particle numbers and concentration network	CEH	-	01/01/2012	present date	particles/cm3	SMPS
360	black carbon	air	hourly	Black Carbon Network	CEH/KCL	Uk-Air	2006	present date	ug/m3	Magee Aethalometer, model AE22
361	UV particulate matter	air	hourly	Black Carbon Network	CEH/KCL	Uk-Air	2012	present date	ug/m3	Magee Aethalometer, model AE22
362	carbon dioxide (concentration and flux)	air	30 minutes	CarboEurope/NitroEurope/ECLAIRE	CEH	Fluxnet	2006	present date		Licor
363	CH4 (concentration and flux)	air	30 minutes		CEH	-	2006	present date		Las gatos
364	NH3 (concentration and flux)	air	monthly	Acid deposition	CEH	-	2004	present date	ug/m3 and ng/m2/s	Conditional time average gradient system (5 point gradient system)
365	HNO3 (concentration and flux)	air	monthly	Acid deposition	CEH	-	2004	present date	ug/m3 and ng/m2/s	Conditional time average gradient system (5 point gradient system)
366	SO2 flux (concentration and flux)	air	monthly	Acid deposition	CEH	-	2004	present date	ug/m3 and ng/m2/s	Conditional time average gradient system (5 point gradient system)
367	HCl flux (concentration and flux)	air	monthly	Acid deposition	CEH	-	2004	present date	Jul-12 ug/m3 and ng/m2/s	Conditional time average gradient system (5 point gradient system)
368	SO2 flux (concentration and flux)	air	30 minutes	Acid deposition	CEH	-	1995	present date		Thermo Scientific SO2 analyser (3 point gradient (1995 - July 2011), 5 point gradient (2011 to present date))
369	NO/NO2 flux	air	30 minutes	CEH project	CEH	-	1995	present date		Thermo Scientific analysers (3 point gradient (1995 - July 2011), 5 point gradient (2011 to present date))
370	Ozone	air	30 minutes	CEH project	CEH	-	1995	present date		Thermo Scientific analysers (3 point gradient (1995 - July 2011), 5 point gradient (2011 to present date))