

ภาคผนวก ฉ

หนังสือขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน



เอกสารแนบท้ายหนังสือขอตรวจรับแบบพิมพ์หรือปฏิบัติกรรวิธีวิเคราะห์ของ
บริษัท ปูนซีเมนต์ไทย จำกัด (มหาชน) เป็นวิธีวิเคราะห์ที่จัดทำขึ้นโดยบริษัท ปูนซีเมนต์ไทย จำกัด (มหาชน) และ
มีเอกสารแนบท้าย (๑) ๑๐๘๔

ฉบับที่ ๑๑๗ กรมการบัญชี

ฉบับที่ ๑๑๗ กรมการบัญชี

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ลำดับ	สารเคมี	วิธีการวิเคราะห์
1	Aldrin	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
2	Arsenic	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
3	Barium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
4	o-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
5	β-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
6	δ-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
7	γ-BHC	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
8	Biochemical Oxygen Demand	1) 5-Day BOD Test, Azide Modification Method ⁽¹⁾ 2) 5-Day BOD Test, Membrane Electrode Method ⁽¹⁾
9	Cadmium	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
10	Chemical Oxygen Demand	1) Closed Reflux, Titrimetric Method ⁽¹⁾ 2) Closed Reflux, Colorimetric Method ⁽¹⁾ 3) Open Reflux, Titrimetric Method ⁽¹⁾
11	Chlordane	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
12	Chromium	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
13	Color	ADMI Weighted Ordinate Spectrophotometric Method ⁽¹⁾
14	Copper	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
15	Cyanide	1) Distillation, Colorimetric Method ⁽¹⁾ 2) Total Cyanide after Distillation, by Flow Injection Analysis Method ⁽¹⁾
16	o,p'-DDT	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
17	4,4'-DDD	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
18	4,4'-DDE	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
19	4,4'-DDT	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
20	Dieldrin	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
21	Endosulfan I	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
22	Endosulfan II	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
23	Endosulfan sulfate	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
24	Endrin	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾

25 Endrin aldehyde

ลำดับ	สารเคมี	วิธีการวิเคราะห์
25	Endrin aldehyde	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
26	Formaldehyde	Distillation, Colorimetric Method ⁽¹⁾
27	Free Chlorine	1) Iodometric Method ⁽¹⁾ 2) DPD Ferrous Titrimetric Method ⁽¹⁾
28	Heptachlor	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
29	Heptachlor Epoxide	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
30	Hexavalent Chromium	Colorimetric Method ⁽¹⁾
31	Lead	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
32	Manganese	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
33	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁾
34	Methoxychlor	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾
35	Nickel	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
36	Oil & Grease	1) Liquid-Liquid, Partition Gravimetric Method ⁽¹⁾ 2) Soxhlet Extraction Method ⁽¹⁾
37	pH	Electrometric Method ⁽¹⁾
38	Phenols	1) Distillation, Chloroform Extraction Method ⁽¹⁾ 2) Distillation, Direct Photometric Method ⁽¹⁾
39	Selenium	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
40	Sulfide	1) Iodometric Method ⁽¹⁾ 2) Methylene Blue Method ⁽¹⁾
41	Temperature	Laboratory and Field Methods ⁽¹⁾
42	Total Dissolved Solids	Dried at 180 °C ⁽¹⁾
43	Total Kjeldahl Nitrogen	Semi-Micro-Kjeldahl Method ⁽¹⁾
44	Total Suspended Solids	Dried from 103 to 105 °C ⁽¹⁾
45	Trioxant Chromium	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
46	Zinc	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾

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ลำดับ	สารเคมี	วิธีการวิเคราะห์
1	Acenaphthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
2	Acetone	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
3	Aldrin	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
4	Anthracene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
5	Antimony	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
6	Arsenic	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
7	Atrazine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
8	Barium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
9	Benz(a)anthracene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
10	Benzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
11	Benzo(b)fluoranthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
12	Benzo(k)fluoranthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
13	Benzic acid	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

14 Benz(a)pyrene

ลำดับ	สารเคมี	วิธีการวิเคราะห์
14	Benz(a)pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
15	Benz(b)fluoranthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
16	Beryllium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
17	Bis(2-chloroethyl)ether	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
18	Bis(2-ethylhexyl)phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
19	Bromodichloromethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
20	Bromoform	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
21	Butanol	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
22	Butyl benzyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
23	Cadmium	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method ⁽¹⁾ 3) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
24	Carbazole	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
25	Carbon disulfide	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
26	Carbon tetrachloride	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
27	Chlordane	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
28	p-Chloroaniline	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

25 Chlorobenzene

ลำดับ	สารเคมี	วิธีการตรวจ
29	Chlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
30	Chlorodibromomethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
31	Chloroform	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
32	2-Chlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
33	Chromium	1) Digestion, Direct Air-Acetylene Flame Method ⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽⁴⁾
34	Chromium (III)	1) Digestion, Direct Air-Acetylene Flame Method; Colorimetric Method; Calculation ⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method; Colorimetric Method; Calculation ⁽⁴⁾
35	Chromium (VI)	Colorimetric Method ⁽⁴⁾
36	Chrysene	1) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾ Distillation, Colorimetric Method ⁽⁴⁾
37	Cyanide	Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾
38	2,4-D	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
39	DDD	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
40	DDE	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
41	DDT	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
42	Dibenz(a,h)anthracene	1) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾

43 Di-n-butyl phthalate...

ลำดับ	สารเคมี	วิธีการตรวจ
43	Di-n-butyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
44	1,2-Dichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
45	1,3-Dichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
46	1,4-Dichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
47	3,3'-Dichlorobenzidine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
48	1,1-Dichloroethene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
49	1,2-Dichloroethene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
50	1,1-Dichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
51	cis-1,2-Dichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
52	trans-1,2-Dichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
53	2,4-Dichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
54	1,2-Dichloropropane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
55	1,3-Dichloropropane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
56	1,3-Dichloropropene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
57	Dieldrin	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
58	Diethyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
59	2,4-Dimethylphenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
60	2,4-Dinitrophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾

61 2,4-Dinitrotoluene...

ลำดับ	สารเคมี	วิธีการตรวจ
61	2,4-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
62	2,6-Dinitrotoluene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
63	Di-n-Octyl phthalate	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
64	Endosulfan	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
65	Endrin	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
66	Ethylbenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
67	Fluoranthene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
68	Fluorene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
69	Heptachlor	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
70	Heptachlor epoxide	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
71	Hexachlorobenzene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
72	Hexachloro-1,3-butadiene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
73	n-Hexane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾

74 α-HCH...

ลำดับ	สารเคมี	วิธีการตรวจ
74	α-HCH	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
75	β-HCH	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
76	γ-HCH	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
77	Hexachlorocyclopentadiene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
78	Hexachloroethane	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
79	Indeno(1,2,3-cd)pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
80	Isochloroene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
81	Lead	1) Digestion, Direct Air-Acetylene Flame Method ⁽⁴⁾ 2) Digestion, Electrothermal Atomic Absorption Spectrometric Method ⁽⁴⁾ 3) Digestion, Inductively Coupled Plasma Method ⁽⁴⁾
82	Manganese	1) Digestion, Direct Air-Acetylene Flame Method ⁽⁴⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽⁴⁾
83	Mercury	Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽⁴⁾
84	Methanol	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
85	Methoxychlor	1) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
86	Methyl bromide	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾

87 Methylene chloride...

ลำดับ	สารเคมี	วิธีการตรวจ
87	Methylene chloride	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
88	2-Methylphenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
89	2-Methylnaphthalene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
90	Methyl tert-butyl ether	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
91	Naphthalene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
92	Nickel	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
93	Nitrobenzene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
94	N-Nitrosodiphenylamine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
95	N-Nitrosodi-n-propylamine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
96	Polychlorinated Biphenyls - PCB 1016 - PCB 1221 - PCB 1232 - PCB-1242 - PCB-1248 - PCB-1254 - PCB-1260	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
97	Pentachlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
98	pH	Electrometric Method ⁽¹⁾
99	Phenanthrene	1) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

100 Phenol ..

ลำดับ	สารเคมี	วิธีการตรวจ
100	Phenol	1) Distillation, Chloroform Extraction Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
101	Pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
102	Selenium	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾
103	Silver	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
104	Styrene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
105	1,1,2,2-Tetrachloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
106	Tetrachloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
107	Toluene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
108	Toxaphene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
109	THH (C ₃ - C ₆)	1) Purge and Trap, Gas Chromatographic Method ^(1,2,3) 2) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1,2,3)
110	TPH (C ₁₀ - C ₁₄)	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(1,2,3)
111	TPH (C ₁₅ - C ₂₅)	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(1,2,3)
112	1,2,4-Trichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
113	1,1,1-Trichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
114	1,1,2-Trichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
115	Trichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

116 2,4,6-Trichlorophenol ..

ลำดับ	สารเคมี	วิธีการตรวจ
116	2,4,5-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
117	2,4,6-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
118	1,3,5-Trimethylbenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
119	Vanadium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
120	Vinyl acetate	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
121	Vinyl chloride	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
122	m-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
123	p-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
124	p-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
125	Xylene (Total)	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
126	Zinc	1) Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾

หมายเหตุ: (โปรดดูรายละเอียด หน้า 23 ของบท)

ลำดับ	สารเคมี	วิธีการตรวจ
1	Antimony	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
2	Arsenic	1) Isokinetic Sampling, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
3	Cadmium	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
4	Carbon Monoxide	Instrumental Analyzer Method ⁽¹⁾
5	Chlorine	Isokinetic Sampling, Ion Chromatographic Method ⁽¹⁾
6	Chromium	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾

Chromium (๖๖) ..

ลำดับ	สารเคมี	วิธีการตรวจ
6	Chromium (๖๖)	2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
7	Cobalt	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
8	Copper	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
9	Cresol	Absorption Sampling, Gas Chromatographic Method ⁽¹⁾
10	Dioxins/Furans	Isokinetic Sampling ⁽¹⁾
11	Hydrogen Chloride	Isokinetic Sampling, Ion Chromatographic Method ⁽¹⁾
12	Hydrogen Fluoride	Isokinetic Sampling, Ion Chromatographic Method ⁽¹⁾
13	Hydrogen Sulfide	Absorption Sampling, Iodometric Method ⁽¹⁾
14	Lead	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
15	Manganese	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
16	Mercury	Isokinetic Sampling, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁾
17	Nickel	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽¹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
18	Opacity	Ringelmann's Method ⁽¹⁾
19	Oxides of Nitrogen	1) Absorption Sampling, Phenanthroline Method ⁽¹⁾ 2) Instrumental Analyzer Method ⁽¹⁾
20	Selenium	1) Isokinetic Sampling, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽¹⁾
21	Sulfur Dioxide	1) Absorption Sampling, Barium-Thion Titrimetric Method ⁽¹⁾
22	Sulfuric Acid	2) Instrumental Analyzer Method ⁽¹⁾ Isokinetic Sampling, Barium-Thion Titrimetric Method ⁽¹⁾

23 Total Suspended Particulate ..

ลำดับ	สารเคมี	วิธีการตรวจ
23	Total Suspended Particulate	Isokinetic Sampling, Gravimetric Method ⁽⁹⁾
24	Vanadium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁹⁾
25	Xylene	1) Bag Sampling, Gas Chromatographic Method ⁽¹¹⁾ 2) Adsorption Sampling, Gas Chromatographic Method ⁽¹¹⁾

สารเคมีอันตรายที่พบในสิ่งแวดล้อม

ลำดับ	สารเคมี	วิธีการตรวจ
1	Aldrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
2	Antimony	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 2) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
3	Arsenic	1) Waste Extraction, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ^(3,3,3) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 3) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ^(3,3,3) 4) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
4	Barium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 2) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
5	Beryllium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 2) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
6	Cadmium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 4) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
7	Chlordane	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)

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5 Chromium...

ลำดับ	สารเคมี	วิธีการตรวจ
15	DDE	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
16	DDT	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
17	Dieldrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
18	Endrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
19	Heptachlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
20	Lead	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 4) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
21	Lindane	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
22	Mercury	1) Waste Extraction, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^(3,3,3) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 3) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ^(3,3,3) 4) Digestion, Inductively Coupled Plasma Method ^(3,3,3)

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Mercury (Hg)...

ลำดับ	สารเคมี	วิธีการตรวจ
8	Chromium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 4) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
9	Chromium (III)	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method, Waste Extraction, Colorimetric Method, Calculation ^(3,3,3) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method, Waste Extraction, Colorimetric Method, Calculation ^(3,3,3) 3) Digestion, Flame Atomic Absorption Spectrometric Method, Alkaline Digestion, Colorimetric Method, Calculation ^(3,3,3) 4) Digestion, Inductively Coupled Plasma Method, Alkaline Digestion, Colorimetric Method, Calculation ^(3,3,3)
10	Chromium (VI)	1) Waste Extraction, Colorimetric Method ^(3,3,3) 2) Alkaline Digestion, Colorimetric Method ^(3,3,3)
11	Cobalt	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 2) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
12	Copper	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 4) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
13	2,4-D	1) Waste Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
14	DDE	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)

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15 DDE...

ลำดับ	สารเคมี	วิธีการตรวจ
22	Mercury (Hg)	5) Thermal Decomposition Amalgamation and Atomic Absorption Spectrometric Method ^(3,3,3)
23	Methoxychlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)
24	Molybdenum	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 2) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
25	Nickel	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ^(3,3,3) 3) Digestion, Flame Atomic Absorption Spectrometric Method ^(3,3,3) 4) Digestion, Inductively Coupled Plasma Method ^(3,3,3)
26	Polychlorinated Biphenyls - Aroclor 1016 - Aroclor 1221 - Aroclor 1232 - Aroclor 1242 - Aroclor 1248 - Aroclor 1254 - Aroclor 1260 - 2-Chlorobiphenyl - 2,3-Dichlorobiphenyl - 2,2',5'-Trichlorobiphenyl - 2,4',5'-Trichlorobiphenyl - 2,2',3,5'-Tetrachlorobiphenyl - 2,2',5,5'-Tetrachlorobiphenyl - 2,3',4,4'-Tetrachlorobiphenyl - 2,2',3,4,5'-Pentachlorobiphenyl - 2,2',4,5,5'-Pentachlorobiphenyl - 2,3,3',4,4'-Pentachlorobiphenyl	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(3,22) 2) Ultrasonic Extraction, Gas Chromatographic Method ^(10,23)

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Polychlorinated Biphenyls (PCBs)...

ลำดับ	สารเคมี	วิธีวิเคราะห์
27	Polychlorinated Biphenyls (PCBs) - 2,2',3,4,4',5'- Hexachlorobiphenyl - 2,2',3,4,5,5'- Hexachlorobiphenyl - 2,2',3,5,5',6'- Hexachlorobiphenyl - 2,2',4,4',5,5'- Hexachlorobiphenyl - 2,2',3,3',4,4',5'- Heptachlorobiphenyl - 2,2',3,3',4,4',5,5'- Heptachlorobiphenyl - 2,2',3,3',4,4',5,5',6'- Heptachlorobiphenyl - 2,2',3,3',4,4',5,5',6'- Nonachlorobiphenyl Pentachlorophenol	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ Electrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 3) Waste Extraction, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 4) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 5) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 6) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 7) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 8) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
28	pH	
29	Selenium	1) Waste Extraction, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 3) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 4) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
30	Silver	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
31	Thallium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾

32 Toxaphene...

ลำดับ	สารเคมี	วิธีวิเคราะห์
32	Toxaphene	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
33	Trichloroethylene	1) Waste Extraction, Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Waste Extraction, Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 3) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 4) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
34	Vanadium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
35	Zinc	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 3) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 4) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾

หมู่สารพิษ 125 สารพิษ

ลำดับ	สารเคมี	วิธีวิเคราะห์
1	Arenaphthene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
2	Acetone	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
3	Aldein	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
4	Anthracene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾

Anthracene (๑๖)...

ลำดับ	สารเคมี	วิธีวิเคราะห์
4	Anthracene (๑๖)	2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
5	Antimony	Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
6	Arsenic	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
7	Azoxine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
8	Barium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
9	Benz(a)anthracene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
10	Benzene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
11	Benzofluoranthene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
12	Benzofluoranthene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
13	Benzoic acid	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
14	Benzo(a)pyrene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
15	Benzo(g,h,i)perylene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
16	Beryllium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾

17 Bis(2-chloroethyl)ether...

ลำดับ	สารเคมี	วิธีวิเคราะห์
17	Bis(2-chloroethyl)ether	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
18	Bis(2-ethoxyethyl)ether	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
19	Bromodichloromethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
20	Bromoforn	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
21	Butanol	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
22	Butyl benzyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
23	Cadmium	1) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
24	Carbazole	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
25	Carbon disulfide	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
26	Carbon tetrachloride	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
27	Chlordane	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
28	p-Chloroaniline	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
29	Chlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
30	Chlorodichloromethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
31	Chloroform	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
32	2-Chlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾

33 Chloroform...

ลำดับ	สารเคมี	วิธีการตรวจ
33	Chromium	1) Digestion, Flame Atomic Absorption Spectrometric Method ^(7.13) 2) Digestion, Inductively Coupled Plasma Method ^(7.14)
34	Chromium (III)	1) Digestion, Flame Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation ^(7.13,14) 2) Digestion, Inductively Coupled Plasma Method; Alkaline Digestion, Colorimetric Method; Calculation ^(7.13,14)
35	Chromium (VI)	Alkaline Digestion, Colorimetric Method ^(7.14)
36	Chrysene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
37	Cyanide	Extraction, Distillation, Colorimetric Method ^(9.30)
38	2,4-D	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
39	DDD	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
40	DDE	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
41	DDT	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
42	Dibenz(a,h)anthracene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
43	Di-n-butyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
44	1,2-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27)

45 1,3-Dichlorobenzene...

ลำดับ	สารเคมี	วิธีการตรวจ
45	1,3-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
46	1,4-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
47	3,3'-Dichlorobenzidine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
48	1,1-Dichloroethane	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
49	1,2-Dichloroethane	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
50	1,1-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
51	cis-1,2-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
52	trans-1,2-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
53	2,4-Dichlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
54	1,2-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
55	1,3-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
56	1,3-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
57	Dieldrin	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)

58 Diethyl phthalate...

ลำดับ	สารเคมี	วิธีการตรวจ
58	Diethyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
59	2,4-Dimethylphenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
60	2,4-Dinitrophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
61	2,4-Dinitrotoluene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
62	2,6-Dinitrotoluene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
63	Di-n-Octyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
64	Endosulfan	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
65	Endrin	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
66	Ethylbenzene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
67	Fluoranthene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
68	Fluorene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
69	Heptachlor	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
70	Heptachlor epoxide	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)

Heptachlor epoxide (86)...

ลำดับ	สารเคมี	วิธีการตรวจ
70	Heptachlor epoxide (86)	2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
71	Hexachlorobenzene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
72	Hexachloro-1,3-butadiene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
73	n-Hexane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(11.27)
74	DL-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
75	β-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
76	γ-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
77	Hexachlorocyclopentadiene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
78	Hexachloroethane	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
79	Indeno(1,2,3-cd)pyrene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
80	Isochlorone	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(10.23)
81	Lead	1) Digestion, Flame Atomic Absorption Spectrometric Method ^(7.13) 2) Digestion, Inductively Coupled Plasma Method ^(7.14)
82	Manganese	1) Digestion, Flame Atomic Absorption Spectrometric Method ^(7.13) 2) Digestion, Inductively Coupled Plasma Method ^(7.14)

83 Mercury...

ลำดับ	สารเคมี	วิธีการทางเคมี
125	Zinc	1) Digestion, Flame Atomic Absorption Spectrometric Method ⁽¹⁴⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁴⁾

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