

ภาคผนวก ฉ
หนังสืออนุญาตขึ้นทะเบียนห้องปฏิบัติการวิเคราะห์เอกชน

[illegible]

เอกสารแนบท้ายหนังสือขอข้อมูลขึ้นทะเบียนข้อมูลปฏิบัติการวิเคราะห์เอกสาร

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 หมู่ ๑๐ ตำบล ๑๖ อำเภอ ๑๖ จังหวัด ๑๖

ขอข้อมูลการวิเคราะห์ได้รับขึ้นทะเบียนจากกรมโรงงานอุตสาหกรรม จำนวน ๓๓ รายการ

แนบท้าย จำนวน ๑๖ รายการ

ลำดับ	สารเคมี	วิธีการตรวจ
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	α-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'-DDE	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	วิธีการตรวจ
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	Trivalent 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⁾

25 Endrin aldehyde ..

แนบท้าย จำนวน 1๒ รายการ

ลำดับ	สารเคมี	วิธีการตรวจ
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	Benzofluoranthene	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	Benzoic acid	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾

14 Benzo(a)pyrene ..

ลำดับ	สารเคมี	วิธีการตรวจ
14	Benzo(a)pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
15	Benzo(g,h,i)perylene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾
16	Butyllithium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾
17	Bis(2-chloroethoxy)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⁾
24	Carbazole	1) Digestion, Inductively Coupled Plasma Method ⁽¹⁾ 2) 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⁾

29 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 (II)	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 Method ⁽⁴⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
37	Cyanide	Distillation, Colorimetric Method ⁽⁴⁾
38	2,4-D	Liquid-Liquid Extraction, Gas Chromatographic 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 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	3,5'-Dichlorobenzidine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
48	1,1-Dichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
49	1,2-Dichloroethane	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	7,4-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	Isophurone	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⁾
82	Manganese	3) Digestion, Inductively Coupled Plasma Method ⁽⁴⁾ 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 ⁽²⁾
89	2-Methylnaphthalene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽³⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁾
90	Methyl tert-butyl ether	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁵⁾
91	Naphthalene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽⁶⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁷⁾
92	Nickel	1) Digestion, Direct Air-Acetylene Flame Method ⁽⁸⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽⁹⁾
93	Nitrobenzene	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁰⁾
94	N-Nitrosodiphenylamine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹¹⁾
95	N-Nitrosodi-n-propylamine	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹²⁾
96	Polychlorinated Biphenyls - PCB-1016 - PCB-1221 - PCB-1232 - PCB-1242 - PCB-1248 - PCB-1254 - PCB-1260	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹³⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁴⁾
97	Pentachlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁵⁾
98	pH	Electrode Method ⁽¹⁶⁾
99	Phenanthrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁷⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁸⁾

100 Phenol...

ลำดับ	สารเคมี	วิธีการตรวจ
100	Phenol	1) Distillation, Chloroform Extraction Method ⁽¹⁹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²⁰⁾
101	Pyrene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽²¹⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽²²⁾
102	Selenium	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽²³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁴⁾
103	Silver	Digestion, Inductively Coupled Plasma Method ⁽²⁵⁾
104	Styrene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽²⁶⁾
105	1,1,2,2-Tetrachloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽²⁷⁾
106	Tetrachloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽²⁸⁾
107	Toluene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽²⁹⁾
108	Toxaphene	1) Liquid-Liquid Extraction, Gas Chromatographic Method ⁽³⁰⁾ 2) Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽³¹⁾
109	TPH (C ₅ - C ₈)	1) Purge and Trap, Gas Chromatographic Method ^(32,33) 2) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽³⁴⁾
110	TPH (C ₉ - C ₁₀)	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(35,36)
111	TPH (C ₁₁ - C ₁₅)	Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ^(37,38)
112	1,2,4-Trichlorobenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽³⁹⁾
113	1,1,1-Trichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁰⁾
114	1,1,2-Trichloroethane	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴¹⁾
115	Trichloroethylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴²⁾

116 2,4,5-Trichlorophenol...

ลำดับ	สารเคมี	วิธีการตรวจ
116	2,4,5-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴³⁾
117	2,4,6-Trichlorophenol	Liquid-Liquid Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁴⁾
118	1,3,5-Trimethylbenzene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁵⁾
119	Vanadium	Digestion, Inductively Coupled Plasma Method ⁽⁴⁶⁾
120	Vinyl acetate	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁷⁾
121	Vinyl chloride	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁸⁾
122	m-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁴⁹⁾
123	o-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁵⁰⁾
124	p-Xylene	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁵¹⁾
125	Xylene (Total)	Purge and Trap Gas Chromatographic/Mass Spectrometric Method ⁽⁵²⁾
126	Zinc	1) Digestion, Direct Air-Acetylene Flame Method ⁽⁵³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽⁵⁴⁾

ตารางเคมี (โปรดดูหน้า) จำนวน 25 รายการ

ลำดับ	สารเคมี	วิธีการตรวจ
1	Antimony	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁵⁵⁾
2	Arsenic	1) Isokinetic Sampling, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽⁵⁶⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁵⁷⁾
3	Cadmium	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁵⁸⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁵⁹⁾
4	Carbon Monoxide	Instrumental Analyzer Method ⁽⁶⁰⁾
5	Chlorine	Isokinetic Sampling, Ion Chromatographic Method ⁽⁶¹⁾
6	Chromium	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁶²⁾

Chromium (Rb)...

ลำดับ	สารเคมี	วิธีการตรวจ
6	Chromium (Rb)	2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶³⁾
7	Cobalt	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁴⁾
8	Copper	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁶⁵⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁶⁶⁾
9	Cresol	Absorption Sampling, Gas Chromatographic Method ⁽⁶⁷⁾
10	Dioxin/Furans	Isokinetic Sampling ⁽⁶⁸⁾
11	Hydrogen Chloride	Isokinetic Sampling, Ion Chromatographic Method ⁽⁶⁹⁾
12	Hydrogen Fluoride	Isokinetic Sampling, Ion Chromatographic Method ⁽⁷⁰⁾
13	Hydrogen Sulfide	Absorption Sampling, Iodometric Method ⁽⁷¹⁾
14	Lead	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁷²⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁷³⁾
15	Manganese	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁷⁴⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁷⁵⁾
16	Mercury	Isokinetic Sampling, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽⁷⁶⁾
17	Nickel	1) Isokinetic Sampling, Digestion, Direct Air-Acetylene Flame Method ⁽⁷⁷⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁷⁸⁾
18	Opacity	Ringelmann's Method ⁽⁷⁹⁾
19	Oxides of Nitrogen	1) Absorption Sampling, Phenoldisulfonic acid Method ⁽⁸⁰⁾ 2) Instrumental Analyzer Method ⁽⁸¹⁾
20	Selenium	1) Isokinetic Sampling, Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽⁸²⁾ 2) Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽⁸³⁾
21	Sulfur Dioxide	1) Absorption Sampling, Barium-Thionin Titrimetric Method ⁽⁸⁴⁾
22	Sulfuric Acid	2) Instrumental Analyzer Method ⁽⁸⁵⁾ Isokinetic Sampling, Barium-Thionin Titrimetric Method ⁽⁸⁶⁾

23 Total Suspended Particulate...

ลำดับ	สารเคมี	วิธีวิเคราะห์
23	Total Suspended Particulate	Isokinetic Sampling, Gravimetric Method ⁽¹⁾
24	Vanadium	Isokinetic Sampling, Digestion, Inductively Coupled Plasma Method ⁽²⁾
25	Xylene	1) Bag Sampling, Gas Chromatographic Method ⁽³⁾ 2) Adsorption Sampling, Gas Chromatographic Method ⁽²⁾

สิ่งแวดล้อมทางอากาศที่มีพิษ จำนวน 35 รายการ

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

8 Chromium..

ลำดับ	สารเคมี	วิธีวิเคราะห์
8	Chromium	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 3) Digestion, Flame Atomic Absorption Spectrometric Method ⁽²⁾⁽⁴⁾ 4) Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾
9	Chromium (VI)	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method; Waste Extraction, Colorimetric Method, Calculation ⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method; Waste Extraction, Colorimetric Method, Calculation ⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾ 3) Digestion, Flame Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method, Calculation ⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾ 4) Digestion, Inductively Coupled Plasma Method; Alkaline Digestion, Colorimetric Method, Calculation ⁽²⁾⁽⁴⁾⁽⁵⁾⁽⁷⁾
10	Chromium (VI)	1) Waste Extraction, Colorimetric Method ⁽²⁾⁽⁷⁾ 2) Alkaline Digestion, Colorimetric Method ⁽²⁾⁽⁷⁾
11	Cobalt	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾
12	Copper	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 3) Digestion, Flame Atomic Absorption Spectrometric Method ⁽²⁾⁽⁵⁾ 4) Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁵⁾
13	2,4-D	1) Waste Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
14	DDD	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾

15 DDE..

ลำดับ	สารเคมี	วิธีวิเคราะห์
15	DDE	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
16	DDT	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
17	Dieldrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
18	Endrin	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
19	Heptachlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
20	Lead	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 3) Digestion, Flame Atomic Absorption Spectrometric Method ⁽²⁾⁽⁵⁾ 4) Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾
21	Undane	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
22	Mercury	1) Waste Extraction, Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 3) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾ 4) Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾

Mercury (VI)...

ลำดับ	สารเคมี	วิธีวิเคราะห์
22	Mercury (VI)	5) Thermal Decomposition Amalgamation and Atomic Absorption Spectrometric Method ⁽¹⁾⁽²⁾
23	Methoxychlor	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾
24	Molybdenum	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾
25	Nickel	1) Waste Extraction, Digestion, Flame Atomic Absorption Spectrometric Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 2) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾⁽⁵⁾ 3) Digestion, Flame Atomic Absorption Spectrometric Method ⁽²⁾⁽⁵⁾ 4) Digestion, Inductively Coupled Plasma Method ⁽²⁾⁽⁴⁾
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',4,5'-Tetrachlorobiphenyl - 2,2',3,4,5'-Pentachlorobiphenyl - 2,2',4,5,5'-Pentachlorobiphenyl - 2,3,3',4,5'-Pentachlorobiphenyl - 2,3,3',4,5'-Pentachlorobiphenyl	1) Waste Extraction, Separatory Funnel Liquid-Liquid Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾

Polychlorinated Biphenyls (PCBs)...

ลำดับ	สารเคมี	วิธีการทดสอบ
27	Polychlorinated Biphenyls (PCB) - 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',3,4,4',5,5'- Heptachlorobiphenyl - 2,2',3,4,4',5',6'- Heptachlorobiphenyl - 2,2',3,4,4',5,5',6'- Nonachlorobiphenyl	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⁾⁽¹⁾⁽¹⁾
	pH	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⁾
28	Selenium	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
29	Silver	1) Waste Extraction, Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
30	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	วิธีการทดสอบ
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⁾

มี จำนวน 125 รายการ

ลำดับ	สารเคมี	วิธีการทดสอบ
1	Acenaphthene	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	Albin	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 (ต่อ)...

ลำดับ	สารเคมี	วิธีการทดสอบ
4	Anthracene (ต่อ)	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	Atrazine	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	Benzo[b]fluoranthene	1) Ultrasonic Extraction, Gas Chromatographic Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
12	Benzo[k]fluoranthene	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	วิธีการทดสอบ
17	Bis(2-chloroethyl)ether	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
18	Bis(2-ethylhexyl)phthalate	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	Chlorodibromomethane	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 Chromium...

ลำดับ	สารเคมี	วิธีวิเคราะห์
33	Chromium	1) Digestion, Flame Atomic Absorption Spectrometric Method ^(1.13) 2) Digestion, Inductively Coupled Plasma Method ^(1.14)
34	Chromium (III)	1) Digestion, Flame Atomic Absorption Spectrometric Method; Alkaline Digestion, Colorimetric Method; Calculation ^(1.15,1.16) 2) Digestion, Inductively Coupled Plasma Method; Alkaline Digestion, Colorimetric Method; Calculation ^(1.14,1.17)
35	Chromium (VI)	Alkaline Digestion, Colorimetric Method ^(1.17)
36	Chrysene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
37	Cyanide	Extraction, Distillation, Colorimetric Method ^(2.38)
38	2,4-D	Ultrasonic Extraction, Gas Chromatographic Method ^(1.28)
39	DOD	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
40	DDE	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
41	DOT	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
42	Dibenz(a,h)anthracene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
43	Di-n-butyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
44	1,2-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27)

45 1,3-Dichlorobenzene..

ลำดับ	สารเคมี	วิธีวิเคราะห์
45	1,3-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
46	1,1-Dichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
47	3,3'-Dichlorobenzidine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
48	1,1-Dichloroethane	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
49	1,2-Dichloroethane	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
50	1,1-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
51	cis-1,2-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
52	trans-1,2-Dichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
53	2,4-Dichlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
54	1,2-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
55	1,3-Dichloropropane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
56	3,3-Dichloropropene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
57	Dieldrin	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)

58 Diethyl phthalate..

ลำดับ	สารเคมี	วิธีวิเคราะห์
58	Diethyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
59	2,4-Dimethylphenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
60	2,4-Dinitrophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
61	2,4-Dinitrotoluene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
62	2,6-Dinitrotoluene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
63	Di-n-Octyl phthalate	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
64	Endosulfan	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
65	Endrin	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
66	Ethylbenzene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
67	Fluoranthene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
68	Fluorene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
69	Heptachlor	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
70	Heptachlor epoxide	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)

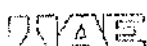
Heptachlor epoxide (HE)..

ลำดับ	สารเคมี	วิธีวิเคราะห์
70	Heptachlor epoxide (HE)	2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
71	Hexachlorobenzene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
72	Hexachloro-1,3-butadiene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
73	n-Hexane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(1.27)
74	o-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
75	p-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
76	γ-HCH	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
77	Hexachlorocyclopentadiene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
78	Hexachloromethane	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
79	Indeno(1,2,3-cd)pyrene	1) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
80	Isophorone	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(1.23)
81	Lead	1) Digestion, Flame Atomic Absorption Spectrometric Method ^(1.13) 2) Digestion, Inductively Coupled Plasma Method ^(1.14)
82	Manganese	1) Digestion, Flame Atomic Absorption Spectrometric Method ^(1.13) 2) Digestion, Inductively Coupled Plasma Method ^(1.14)

83 Mercury..

ลำดับ	สารเคมี	วิธีการตรวจ
83	Mercury	1) Digestion, Cold-Vapor Atomic Absorption Spectrometric Method ⁽¹⁹⁾ 2) Thermal Decomposition Amalgamation and Atomic Absorption Spectrometric Method ⁽²⁰⁾
84	Methanol	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,21)
85	Methoxychlor	1) Ultrasonic Extraction, Gas Chromatographic Method ^(19,21) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,21)
86	Methyl bromide	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,21)
87	Methylene chloride	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,21) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(13,21)
88	2-Methylphenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,21)
89	2-Methylnaphthalene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,21)
90	Methyl tert-butyl ether	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,21)
91	Naphthalene	1) Ultrasonic Extraction, Gas Chromatographic Method ^(19,21) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,21)
92	Nickel	1) Digestion, Flame Atomic Absorption Spectrometric Method ^(2,13) 2) Digestion, Inductively Coupled Plasma Method ^(21,24)
93	Nitrobenzene	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,21)
94	N-Nitrosodiphenylamine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,21)
95	N-Nitrosodi-n-propylamine	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,21)
96	Polychlorinated Biphenyls Aroclor 1016	1) Ultrasonic Extraction, Gas Chromatographic Method ^(19,21)

Polychlorinated Biphenyls(PCB)

ลำดับ	สารมลพิษ	วิธีวิเคราะห์
96	Polychlorinated Biphenyls(PCB) - Aroclor 1221 - Aroclor 1232 - Aroclor 1242 - Aroclor 1248 - Aroclor 1254 - Aroclor 1260 Polychlorinated Biphenyls - 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',4,6- Pentachlorobiphenyl - 2,2',3,4,4',5'- Hexachlorobiphenyl - 2,2',3,4,5,5'- Hexachlorobiphenyl - 3,2',3,5,5',6- Hexachlorobiphenyl - 2,2',4,4',5,5'- Hexachlorobiphenyl - 2,2',3,3',4,4',5- Heptachlorobiphenyl - 2,2',3,4,4',5,5'- Heptachlorobiphenyl - 2,2',3,4,4',5,6- Heptachlorobiphenyl - 2,2',3,4',5,5',6- Heptachlorobiphenyl - 2,2',3,3',4,4',5,5',6- Nonachlorobiphenyl	2) Ultrasonic Extraction, Gas Chromatography/Mass Spectrometric Method^(19,28) Ultrasonic Extraction, Gas Chromatographic Method^(25,26)  ANALYTICAL & CHEMICAL LABORATORY, 1201 N. GARDEN WAY, TUCUMCACI, NM 87301 ดำเนินการทดสอบ

97 Fenlochlorophenol.

ลำดับ	สารเคมี	วิธีวิเคราะห์
97	Pentachlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,28)
98	Phenanthrene	1) Ultrasonic Extraction, Gas Chromatographic Method ^(19,21) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(16,20)
99	Phenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,24)
100	Pyrene	1) Ultrasonic Extraction, Gas Chromatographic Method ^(19,21) 2) Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ^(19,20)
101	Selenium	1) Digestion, Hydride Generation/Atomic Absorption Spectrometric Method ⁽²²⁾ 2) Digestion, Inductively Coupled Plasma Method ^(7,24)
102	Silver	Digestion, Inductively Coupled Plasma Method ^(7,24)
103	Styrene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11,27)
104	1,1,2,2-Tetrachloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,27)
105	Tetrachloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11,27)
106	Toluene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,27) 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ^(11,27)
107	Toxaphene	Ultrasonic Extraction, Gas Chromatographic Method ^(19,21)
108	TPH (C ₉ -C ₂₅)	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,27) 2) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ^(13,27)
109	TPH (C ₁₀ -C ₂₅)	Ultrasonic Extraction, Gas Chromatographic Method ^(19,21)
110	TPH (C ₁₆ -C ₃₀)	Ultrasonic Extraction, Gas Chromatographic Method ^(19,22)

111 1,2,4-Trichlorbenzene.

ลำดับ	สารเคมี	วิธีการตรวจ
111	1,2,4-Trichlorobenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
112	1,1,1-Trichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
113	1,1,2-Trichloroethane	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
114	Trichloroethylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
115	2,4,5-Trichlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
116	2,4,6-Trichlorophenol	Ultrasonic Extraction, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
117	1,3,5-Trimethylbenzene	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
118	Vanadium	Digestion, Inductively Coupled Plasma Method ⁽¹⁾⁽²⁾⁽³⁾
119	Vinyl acetate	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
120	Vinyl chloride	Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
121	m-Xylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
122	o-Xylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
123	p-Xylene	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾
124	Xylene (Total)	1) Purge and Trap, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾ 2) Equilibrium Headspace, Gas Chromatographic/Mass Spectrometric Method ⁽¹⁾⁽²⁾⁽³⁾

125 Zinc.

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10. United States..

27. United States -