

2250/
SP2401
p 20°C

29044 - 29044 - 29044 29044 29044
F2927MS F2927MSU F2928 F2929 F2930
5.04g → 10ml 5.04g → 10ml 5.01g → 10ml 5.02g → 10ml 5.09g → 10ml

Re
Std

Sample	ug/g	ug/g	ug/g	ug/g	ug/g	ug/g
Date Extracted	3/26/84	3/26/84	3/26/84	3/26/84	3/26/84	(4-2-84)
Date Analyzed	4/3/84	4/3/84	4/3/84	4/3/84	4-3-84	4-3-84
Log #	1056	1056	1056	1056	1056	1056
Run #	30	31	32	33	34	35
Dilution Factor	20	20	-	-	-	-

A-BHC (RT)			0.005 (192)	↑	↑	0.221 (193)
G-BHC (RT)	1.490 (246)	1.598 (245)	0.018 (249)			0.183 (243)
B-BHC (RT)		0.408 (277)	0.115 (279)			1.044 (274)
Heptachlor (RT)	0.912 (304)	1.009 (303)			OFF SCALE	0.198 (302)
D-BHC (RT)			1.712 (329)			0.216 (319)
Aldrin (RT)	0.950 (368)	0.921 (368)		U J		0.209 (366)
Hept Epoxide (RT)		0.009 (541)	0.006 (538)	U R		0.188 (543)
A-Endosulfan (RT)		0.187 (658)	0.190 (657)	U W		0.287 (683)
DDE (RT)	0.180 (792)	0.030 (791)	0.003 (776)			0.386 (777)
Dieldrin (RT)	0.844 (834)	1.066 (834)	0.005 (833)	↓		0.361 (830)
Endrin (RT)	0.925 (1008)	1.024 (1008)	0.002 (969)			0.362 (1004)
DDD (RT)			0.011 (1171)			0.932 (1177)
B-Endosulfan (RT)						
DDT (RT)	4.013 (1422)	4.289 (1421)	1.008 (1376)			0.898 (1416)
Endrin Aldehyde (RT)	0.136 (1568)	0.136 (1566)				1.225 (1562)
Endo Sulfate (RT)			0.003 (1811)			0.914 (1895)
Bu ₂ CHLOR (RT)	0.310 (2480)	0.321 (2479)	0.673 (2476)	1.020 (2472)	0.927 (2471)	4.558 (2469)

PCB's

1016

1221

1232

1242

1248

1254

1260

Needs to be cleaned & cleaned for chlorobenzene

Dilute & check DDD confirmed

May need to be cleaned & sealed

Needs to be cleaned & run for chlorobenzene

Column
 1.5% SP 2250/
 1.95% SP2401
 Temp 200°

Sample	weight	weight	weight	weight	weight	weight	weight	weight	weight
Date Extracted:			(3-25-84)	3-26-84					15-22-
Date Analyzed	4-6-84								
Loc #	1059	1060	1063						1065
Run #	1	2	4	6	7	8	9		11c
Dilution Factor	-	-	-	-	-	10	-	-	-
A-BHC	.21 (192)	.226 (192)			.002 (186)	.0009 (486)	.015 (187)		.206 (191)
G-BHC	.20 (241)	.209 (241)		.001 (242)	.002 (241)		.004 (241)		.200 (240)
B-BHC	1.01 (271)	1.08 (271)			.009 (273)	.041 (273)	.002 (273)		1.03 (271)
Heptachlor	.22 (299)	.226 (299)			.004 (298)	.005 (297)	.0003 (291)		.220 (299)
D-BHC	.19 (316)	.196 (316)		.0003 (328)	.012 (324)	.033 (524)	.0024 (324)		.192 (316)
Aldrin	.20 (363)	.201 (363)			.0001 (367)	.002 (364)	.0008 (316)		.202 (362)
Hept Epoxide	.19 (538)	.196 (537)			.009 (531)	.196 (536)	.0274 (4536)		.196 (537)
A-Endosulfan	.39 (676)	.361 (676)			.222 (648)	1.51 (647)	.075 (647)		.384 (675)
DDE	.39 (768)	.401 (768)	.014 (769)		.003 (766)	.793 (766)	.017 (768)		.407 (767)
Dieldrin	.37 (822)	.380 (822)			.008 (822)	.810 (821)	.0236 (822)		.385 (821)
Endrin	.39 (994)	.399 (993)			.002 (956)		.007 (958)		.422 (993)
DDD									
(RT)	.89 (1164)	.917 (1164)	.142 (1166)		.014 (1155)	1461 (1158)	.016 (1158)		.944 (1163)
B-Endosulfan									
(RT)	1.08 (1400)	1.09 (1400)	1.58 (1399)		.007 (1377)		.018 (1384)		1.06 (1399)
DDT									
(RT)	1.24 (1546)	1.27 (1546)							1.23 (1544)
Endrin Aldehyde									
(RT)	1.15 (1873)	1.18 (1873)		.004 (1786)	.005 (1788)		.007 (1784)		1.15 (1871)
Endo Sulfate									
(RT)	5.0 (2441)	5.19 (2442)		.303 (2437)	.713 (2440)	416 (2436)	1.14 (2438)		5.69 (2440)
Bu ₂ CHLOR									
(RT)									

PCB's									
1016	* Peak height calculation								
1221									
1232									
1242									
1248									
1254									
1260									

Scan for Chlordane

*Scan for Chlordane
 Scan for DDE, DDD, DDT*

*Scan for Chlordane
 Scan for DDE, DDD, DDT*

29044 MB 326 gpi 5g/10ml
 29044 F2928 (15) 5.01g/10ml
 29044 F2929 5.01g/10ml
 29044 F2930 (15) 5.01g/10ml
 Pest Std
 Pest Std
 Chl
 Cal
 Cal

Column
Fused Silica
Se54
Capillary

Sample	PEST STD CALIB ug/l	PEST STD CAL CR ug/l	29044- F2930 5.09g-710.2 ug/g	29044- R2929 5.02g-710.2 ug/g	29044- F298 5.01g-710.2 ug/g	Chlorobenz 1734ug/l
Date Extracted	(4-10-84)	(4-10-84)	3-26-84	3-28-84	3-26-84	(3-20-84)
Date Analyzed	4-11-84	4-11-84	4-11-84	4-11-84	4-11-84	4-11-84
Log #	1085	1086	1099	1089	1084	1091
Run #	2	3	6	7	8	10
Dilution Factor	-	-	-	1/10	-	-
A-BHC (RT)	0.210 (1199)	0.34 (1200)	0.045 (1187)			
B-BHC (RT)	1.01 (1262)	1.15 (1264)	0.209 (1265)		0.259 (1260)	
G-BHC (RT)	0.20 (1276)	0.23 (1278)				
D-BHC (RT)	0.19 (1332)	0.279 (1334)	10.56 (1309)	5.01 (1309)	0.161 (1320)	
Heptachlor (RT)	0.22 (1438)	0.323 (1440)		0.982 (1431)	0.068 (1440)	(1438)
Aldrin (RT)	0.20 (1514)	0.314 (1516)		0.577 (1519)		
Hept Epoxide (RT)	0.19 (1601)	0.266 (1603)	30.91 (1594)	138.3 (1594)	0.101 (1585)	
A-Endosulfan (RT)	0.39 (1678)	0.514 (1690)	0.497 (1685)	8.05 (1686)	1.18 (1686)	(1685)
DDE (RT)	0.39 (1726)	0.531 (1728)		5.08 (1728)		
Dieldrin (RT)	0.37 (1733)	0.494 (1735)	0.269 (1734)	3.91 (1734)		
Endrin (RT)	0.39 (1774)	0.555 (1781)				
B-Endosulfan (RT)	0.43 (1798)	0.593 (1800)				
DDD (RT)	0.46 (1812)	0.613 (1814)		10.50 2.50 (1814)		
Endrin Aldehyde (RT)	1.24 (1837)	1.68 (1839)			0.152 (1826)	
Endo Sulfate (RT)	2.23 (1889)	3.25 (1890)	0.109 (1889)			
DDT (RT)						
Bu ₂ CHLOR (RT)	5.00 (2071)	6.84 (2073)	8.754 (2073)	4.34 (2073)	7.69 (2075)	
PCB's						
1016						
1221						
1232						
1242						
1248						
1254						
1260						

Dieldrin Confirmed
 DDD, DDE, Dieldrin Confirmed
 B-Endo - not Confirmed
 DDT - not Confirmed
 Confirmed

Column
1.5% SP 2250/
1.95% SP2401
Temp 200°

Sample	PEST STD CALIB ug/l	PEST ID CALIB ug/l	DDT .1005 ug/l	Chlordane .17 ug/l	24044 F2928 Neg 5.0 ug/g	29044 F2929 5.02g → 10 ug/g	29044 F2929 Neg 5.02g → 10 ug/g	29044 F2930 Neg 5.08g → 10 ug/g	Per St
Date Extracted:	(4-9-84)	(4-9-84)	(4-6-84)	(3-20-84)	(3-26-84)	(4-3-84)			(4-9-84)
Date Analyzed	4-9-84	4-9-84	4-10-84	4-10-84	4-10-84				
Log #	1075	1076	1079	1079	1081				107
Run #	1	2	5	6	9	10	11	12	21
Dilution Factor	-	-	-	-	-	110	-	-	-
A-BHC	.21 (191)	0.224 (191)			.002 (185)	.002 (185)	.002 (186)	.016 (186)	.216 (19)
G-BHC	.20 (240)	0.170 (240)			.002 (240)	.002 (240)	.003 (241)	.003 (241)	.17 (24)
B-BHC	1.01 (271)	1.11 (270)	0.002 (27)		.009 (272)	.048 (272)	.028 (273)	.01 (271)	1.2 (27)
Heptachlor	.22 (295)	0.238 (295)	0.002 (295)		.004 (294)	.005 (295)	.005 (296)	.0003 (299)	.25 (29)
D-BHC	.19 (315)	0.203 (315)			.013 (323)	.032 (323)	.043 (323)	.0032 (323)	.21 (31)
Aldrin	.20 (362)	0.211 (361)				.002 (362)	.002 (364)	.001 (366)	.21 (36)
Hept Epoxide	.19 (535)	0.195 (535)	0.002 (542)		.009 (528)	.624 (534)		.028 (534)	.20 (53)
A-Endosulfan	.39 (673)	0.522 (673)	0.025 (703)		.261 (644)	1.85 (645)		.086 (645)	.42 (67)
DDE	.39 (765)	0.399 (765)	0.258 (765)		.004 (761)	.841 (763)		.011 (765)	.42 (76)
Dieldrin	.37 (818)	0.370 (818)			.009 (817)	.817 (817)	off scale	.024 (819)	.40 (82)
Endrin	.39 (989)	0.403 (989)	0.04 (965)		.002 (957)			.007 (955)	.42 (99)
DDD	.89 (1159)	0.907 (1159)	0.882 (1159)		.014 (1148)	.494 (1153)		.011 (1155)	.98 (116)
B-Endosulfan									
DDT	1.08 (1343)	1.11 (1343)	43.20 (1342)		.001 (1387)		.022 (1389)	.023 (1380)	1.2 (139)
Endrin Aldehyde	1.24 (1537)	1.26 (1537)							1.3 (15)
Endo Sulfate	1.15 (1863)	1.17 (1863)			.005 (1776)			.008 (1779)	1.2 (186)
Bu ₂ CHLOR	5.0 (2431)	5.46 (2428)			1.2 (2422)	.479 (2425)	1.84 (2430)	1.162 (2431)	7.6 (24)
PCB's									
1016									
1221									
1232									
1242									
1248									
1254									
1260									
Chlordane				.17	.35	5.5		1.02	

CONFIRM DDT + Dieldrin + Endrin

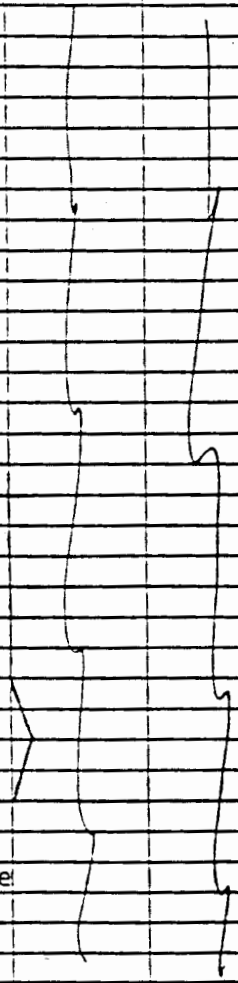
BLENDED WITH 22101

3% 0Y-1

29044 CH...
F2924 a...e
5.0g/10ml 0.1084ug/ml

Sample uag uag
Date Extracted: 3-26-84 3-5-84
Date Analyzed 4-13-84 4-13-84
Loc = 11130 11131
Run = 22 23
Dilution Factor: 110 -

A-BHC (RT)
G-BHC (RT)
B-BHC (RT)
Heptachlor (RT)
D-BHC (RT)
Alarin (RT)
Hept Epoxide (RT)
A-Endosulfan (RT)
DDE (RT)
Dieldrin (RT)
Endrin (RT)
DDD (RT)
B-Endosulfan (RT)
DDT (RT)
Endrin Aldenylde (RT)
Endo Sulfate (RT)



PCB'S

1016
1221
1242
1248
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1260

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Chlordane 1.084

Column
Fused Silica
Se54
Capillary

Pest Std Calib
Pest Std Cal Check
29044
F2929
5.02g → 10ul
N₂

Sample	weight	weight	weight
Date Extracted	(4-16-84)	→	3-26-84
Date Analyzed	4-17-84	→	
Log #	1095	1096	1097
Run #	1	2	3
Dilution Factor	—	—	—
A-BHC	.21	.36	
(RT)	(1204)	(1205)	
B-BHC	1.01	1.70	
(RT)	(1268)	(1269)	
G-BHC	.200	.316	
(RT)	(1281)	(1283)	
D-BHC	.190	.338	
(RT)	(1338)	(1340)	
Heptachlor	.220	.358	.048
(RT)	(1444)	(1445)	(1458)
Aldrin	.200	.324	.046
(RT)	(1520)	(1521)	(1522)
Hept Epoxide	.190	.315	
(RT)	(1607)	(1609)	
A-Endosulfan	.390	.673	.235
(RT)	(1685)	(1686)	(1690)
DDE	.390	.666	.160
(RT)	(1732)	(1734)	(1733)
Dieldrin	.37	.647	.169
(RT)	(1740)	(1741)	(1740)
Endrin	.390	.669	.265
(RT)	(1786)	(1787)	(1765)
B-Endosulfan			
(RT)	(1794)	(1795)	
DDD	.460	.818	.621
(RT)	(1819)	(1820)	(1818)
Endrin Aldehyde	1.24	2.22	
(RT)	(1844)	(1845)	
Endo Sulfate			
(RT)	2.23	4.30	.046
DDT	(1894)	(1895)	(1896)
(RT)			
B ₁₂ CHLOR	5.0	9.99	1.39
(RT)	(2080)	(2081)	(2086)
PCB's			

B-BHC
NOT Confirmed

1016
1221
1232
1242
1248
1254
1260