

Colgan Sludge sampled for PBDE's

TITLE OF THE OUTPUT WORKSHEET

version: 1.22

Result File L:\DATA\ELCD_4\DEQ2001\B203B.D

Sample b203b

Injected at 19-Apr-02, 00:40:06

Sample Amount 4.430 g Standard Amount 0.500 ug First_marker_row 16

Default response factor 0.70 Total_markers 5 (less Std)
(for unidentified peaks)

First_data_row 28

MARKER/STD COMPOUND	HRI	Pk #	RT
2-chloronaphthalene	1000	-	12.36
alpha-BHC	2000	-	21.60
2,4'-DDD	3000	-	34.38
Decachlorobiphenyl	4000	-	48.21
Octachlorodibenzodioxin	5000	-	53.08
Pentachlorobenzene (ISTD)	1460	10	16.61

Minimum peak conc. 0.7 ng/g

Computed on 23-05-02

Pk#	RT	Area	HRI	conc(ng/g)	ProbableCompound	ID-HRI	Comments
1	9.32	809.3	753.8	1.4			
2	9.50	677.8	769.0	1.2			
3	9.63	553.2	779.4	1.0			
4	12.03	1098.9	973.3	1.9			
5	13.14	1288.5	1084.4	2.3			
6	13.34	570.3	1106.5	1.0			
7	13.86	782.2	1162.0	1.4			
8	14.46	12770.2	1226.9	22.5	Unknown cpd		
9	16.21	549.0	1416.4	1.0			
10	16.61	91636.8	1459.3	112.9	Pentachlorobenzene (ISTD)	1460	
11	17.22	522.1	1525.8	0.9			
12	17.33	2216.0	1537.6	3.9			
13	17.57	518.0	1564.0	0.9			
14	18.88	1584.9	1705.4	2.8			
15	19.07	923.9	1726.5	1.6			
16	19.26	841.5	1746.8	1.5			
17	19.40	524.4	1761.8	1.4	PCB-4,10	1764	
18	19.67	93436.2	1791.4	164.4	Unknown cpd		
19	20.11	22221.4	1838.2	39.1	Unknown cpd		
20	20.82	574.7	1915.6	1.6	PCB-7,9	1913	
21	21.06	564.2	1941.7	1.0			
22	22.25	787.9	2050.7	1.4			
23	23.25	53228.6	2128.6	113.0	PCB-30 (ISTD)	2128	
24	23.85	1402.5	2175.7	3.0	PCB-18	2181	
25	25.44	2204.7	2300.2	4.7	PCB-34	2300	
26	25.56	984.3	2309.6	2.1	PCB-29	2315	
27	26.11	924.7	2352.8	2.0	PCB-25	2351	
28	26.24	820.9	2363.3	1.1	Chlordane(C)	2358	
29	26.52	980.9	2385.2	2.1	PCB-28,31	2380	
30	26.68	592.8	2397.5	1.0			
31	26.99	2087.5	2421.6	3.8	PCB-53	2417	
32	27.05	1908.5	2426.7	2.7	Chlordene,alpha-	2424	
33	27.25	562.6	2441.8	0.7	Heptachlor	2438	
34	27.40	706.4	2454.0	1.2			

35	27.56	3595.0	2466.4	6.5	PCB-45	2464
36	28.78	61046.7	2561.7	110.6	PCB-65 (ISTD)	2562
37	29.23	554.6	2596.7	0.8	PCB-44 + Chlordene, beta- + Dihy	2601
38	30.10	795.9	2664.7	1.4		
39	30.39	1763.3	2687.9	2.9		
40	31.11	1087.4	2744.4	1.9		
41	31.60	74172.4	2782.3	120.2	PCB-121 (ISTD)	2780
42	31.92	2552.2	2807.3	3.4	Chlordane(3)	2802
43	32.15	3582.4	2825.8	6.5	PCB-60,56	2827
44	32.35	501.4	2841.4	1.0	DDE,2,4'- + PCB-84	2846
45	32.83	741.6	2878.4	1.2	PCB-99 + Chlordane,cis-	2876
46	33.23	1011.2	2910.2	1.8		
47	33.46	4514.4	2927.7	7.9		
48	33.82	2059.9	2956.0	3.3	PCB-87,115	2956
49	33.90	2003.0	2962.1	3.9	DDE,4,4'	2968
50	34.00	2479.6	2970.2	4.8		
51	34.21	569.7	2987.0	1.0	PCB-77	2989
52	34.33	1885.3	2995.9	3.1	PCB-110	2996
53	34.55	1829.4	3012.5	3.2		
54	34.84	2676.3	3033.6	4.0	PCB-82,151	3036
55	34.94	612.1	3040.8	0.9		
56	35.06	595.4	3048.9	0.9	PCB-135	3052
57	35.38	2069.6	3072.5	3.1	PCB-107	3067
58	35.48	816.7	3079.7	1.2	PCB-149	3080
59	36.00	4155.2	3116.8	7.2	DDD,4,4'	3118
60	36.37	4992.5	3143.9	7.4	PCB-146	3143
61	36.66	2141.8	3164.5	3.2	PCB-153,132	3162
62	36.87	803.0	3180.3	1.3	PCB-105	3177
63	37.33	707.6	3213.5	1.2		
64	37.39	820.6	3217.9	1.4		
65	37.94	3664.7	3257.3	5.4	PCB-138,158	3255
66	38.53	831.7	3300.0	1.2		
67	38.63	1074.8	3307.4	1.5	PCB-175	3302
68	38.72	1175.4	3314.1	1.6	PCB-187	3312
69	38.91	2531.0	3327.3	3.5	PCB-183	3328
70	39.31	634.5	3356.4	0.9	PCB-167	3356
71	40.63	92341.3	3451.7	122.3	PCB-204 (ISTD)	3453
72	40.94	1045.6	3474.6	1.8		
73	41.08	1379.0	3484.8	1.9	PCB-180	3483
74	41.20	2175.2	3492.8	6.5	BDE-47	3492
75	41.92	951.0	3545.2	1.7		
76	42.35	1950.5	3576.3	2.6	PCB-170,190	3580
77	42.80	553.8	3608.9	0.7	PCB-199	3607
78	43.24	1003.9	3640.4	1.8		
79	44.94	767.1	3763.4	1.3		
80	45.37	1299.3	3794.4	2.3		
81	45.91	549.1	3833.4	1.0		
82	46.18	500.7	3853.0	1.8	BDE-99	3859
83	46.58	642.4	3882.1	1.1		
84	47.48	687.6	3947.3	1.2		
85	51.60	61979.6	4695.5	76.3	Decachlorodiphenylether (ISTD)	4700