Evaluation and Application of Methods for Estimating Children's Exposure to Persistent Organic Pollutants in Multiple Media

by

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APPENDIX D. MEASURED TARGET PERSISTENT ORGANIC POLLUTANT CONCENTRATIONS IN AIR, DUST, SOIL, AND FOOD SAMPLES IN PHASE I STUDY

Table D-1. Data Listing for Phase 1 Data: Indoor Air Sample, ng/m^3

Compound Class	Compound	D01	D02	D03	D04	D05	D06	D07	D08	D09	D10
PAH	Naphthalene	315.211	196.711	583.534	96.115	147.843	140.071	92.211	133.854	140.621	202.315
	Biphenyl	24.326	28.736	52.841	10.177	18.096	12.044	12.375	18.474	44.082	17.815
	Acenaphthylene	2.415	2.625	2.464	1.344	1.633	1.563	1.252	2.768	3.716	2.670
	Acenaphthene	8.715	5.346	28.657	3.040	2.946	4.113	2.135	4.648	3.912	3.316
	Fluorene	6.072	5.456	4.556	2.858	3.198	3.863	2.704	3.591	4.762	3.431
	Phenanthrene	135.202	19.852	14.768	4.439	4.056	6.327	3.648	5.231	5.227	10.815
	Anthracene	2.692	0.471	0.889	0.536	0.484	0.682	0.471	0.640	0.577	0.824
	Fluoranthene	1.006	0.985	0.678	0.495	0.435	0.799	0.361	0.509	0.372	0.568
	Pyrene	0.513	0.529	0.393	0.297	0.327	0.494	0.257	0.291	0.235	0.390
	Cyclopenta[c,d]pyrene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benz[a]anthracene*	0.133	0.145	0.087	0.106	0.099	0.073	0.105	0.115	0.118	0.109
	Chrysene*	0.110	0.147	0.115	0.128	0.120	0.081	0.114	0.141	0.060	0.063
	Benzo[b]fluoranthene*	0.148	0.156	0.136	0.131	0.156	0.165	0.138	0.142	0.086	<0.04
	Benzo[k]fluoranthene*	0.079	0.098	0.062	0.082	0.098	0.086	0.095	0.107	0.083	<0.04
	Benzo[e]pyrene	0.083	0.150	0.099	0.092	0.137	0.106	0.098	0.141	0.106	0.035
	Benzo[a]pyrene*	0.064	0.156	0.086	0.121	0.153	0.110	0.104	0.108	0.054	0.075
	Indeno[1,2,3-c,d]pyrene*	0.083	0.070	0.071	0.060	0.076	0.090	0.058	0.072	0.042	<0.04
	Dibenzo[a,h]anthracene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[g,h,i]perylene	0.068	0.052	0.074	0.052	0.104	0.092	0.097	0.078	0.018	<0.04
	Coronene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Sum of B2 PAH	0.617	0.771	0.557	0.627	0.703	0.605	0.615	0.686	0.442	0.246
	Sum of Target PAH	496.92	261.684	689.511	120.070	179.961	170.759	116.223	170.909	204.071	240.855
PE	Dibutylphthalate	403.951	309.730	324.842	182.362	228.457	213.181	107.810	378.288	115.097	127.148
	Benzylbutylphthalate	580.794	49.099	152.210	46.173	44.372	16.813	13.669	70.212	11.566	16.571
	Sum of Phthalate Esters	984.745	358.829	477.052	228.535	272.829	229.994	121.479	448.500	126.663	143.719
OP	Diazinon	16.403	33.554	5.291	3.749	62.448	8.251	5.377	11.825	6.975	5.247
	Chlorpyrifos	21.696	14.135	8.381	7.034	13.682	8.458	3.629	8.194	1.257	7.027
	Sum of OP Pesticides	38.099	47.690	13.673	10.783	76.130	16.709	9.006	20.019	8.232	12.274
OC	Lindane	4.873	9.792	13.081	3.116	1.168	5.808	3.458	5.588	9.801	5.175
	Heptachlor	24.512	19.980	17.544	335.511	18.624	9.080	10.581	64.903	6.096	31.397
	Aldrin	<0.1	0.223	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	gamma-Chlordane	29.063	1.322	13.831	11.657	1.928	0.687	0.366	1.563	0.303	1.540
	alpha-Chlordane	19.258	0.751	9.732	5.325	1.098	0.413	0.332	0.653	0.262	0.736
	p,p'-DDE	0.591	0.464	0.368	0.229	0.290	0.564	0.260	0.240	0.192	0.393
	Dieldrin	1.092	<0.1	1.563	<0.1	0.636	<0.1	<0.1	<0.1	<0.1	<0.1
	Endrin	1.631	3.262	<0.1	1.794	<0.1	2.117	1.546	1.409	1.313	2.824
	p,p'-DDT	0.882	0.347	0.174	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Sum of OC Pesticides	81.901	36.142	56.292	357.631	23.744	18.670	16.542	74.354	17.967	42.064
PCB	2-Chlorobiphenyl	1.655	0.660	3.160	1.802	2.634	2.861	2.742	2.170	16.639	3.897
	4-Chlorobiphenyl	0.287	<0.04	<0.04	0.285	0.507	0.205	0.191	0.418	1.194	0.537
	2,6-Dichlorobiphenyl	1.186	1.341	2.627	1.055	2.727	39.340	3.094	2.814	20.933	2.979
	4,4'-Dichlorobiphenyl	<0.04	<0.04	0.458	<0.04	0.240	21.432	<0.04	<0.04	1.149	0.440
	2,4,4'-Trichlorobiphenyl	0.543	2.562	8.098	<0.04	<0.04	130.033	2.518	<0.04	8.086	3.598
	2,2'5,5'-Tetrachlorobiphenyl	1.175	0.692	1.159	2.327	2.411	20.417	4.228	2.104	4.083	25.909
	2,2'3,5'-Tetrachlorobiphenyl	0.228	0.136	2.163	0.571	0.610	17.342	1.311	0.700	1.370	11.189
	2,3',4',5-Tetrachlorobiphenyl	0.233	0.056	1.446	0.320	0.081	6.488	0.640	0.300	0.262	16.699
	3,3'4,4'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	0.062	0.066	0.077	0.045	0.055	0.058	0.057
	2,2'3,5'6-Pentachlorobiphenyl	0.368	0.066	0.926	0.418	0.265	2.164	1.178	0.630	0.225	38.167
	2,2'4,5,5'-Pentachlorobiphenyl	0.492	0.050	0.189	0.424	0.350	1.746	0.951	0.697	0.200	46.984
	2,2'3,4,5'-Pentachlorobiphenyl	0.275	<0.04	0.718	0.242	0.095	0.622	0.315	0.234	0.098	20.637
	2,3,3'4',6-Pentachlorobiphenyl	0.597	0.143	1.012	0.509	0.457	1.433	0.668	0.711	0.306	43.131
	2,3'4,4',5-Pentachlorobiphenyl	0.121	<0.04	0.458	0.250	0.059	0.470	0.279	0.189	0.057	19.380
	2,3,3',4,4'-Pentachlorobiphenyl	<0.04	<0.04	0.062	0.170	<0.04	0.242	0.152	0.143	0.058	4.907
	3,3'4,4'5-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	0.047	0.040	<0.04	<0.04	<0.04	<0.04
	2,2',4,4'5,5'-Hexachlorobiphenyl	0.118	<0.04	0.319	0.256	0.217	0.437	0.246	0.231	0.125	10.531
	2,2',3,4,4',5'-Hexachlorobiphenyl	0.046	<0.04	0.136	<0.04	<0.04	0.194	<0.04	<0.04	<0.04	8.320
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.04	<0.04	<0.04	0.031	<0.04	0.076	<0.04	<0.04	<0.04	0.489
	Sum of Target PCB	7.324	5.707	22.930	8.725	10.767	245.618	18.559	11.394	54.844	257.852
Ph	Pentachlorophenol	17.608	2.094	0.882	0.948	1.145	0.648	0.516	0.740	0.463	2.069
	Nonylphenols	253.884	233.447	527.454	209.021	219.729	152.155	51.990	219.090	85.063	79.234
	Bisphenol-A	1.446	<0.1	0.677	0.670	1.805	<0.1	0.278	1.091	0.969	0.302
	Sum of Phenols	272.938	235.541	529.013	210.639	222.679	152.803	52.783	220.921	86.495	81.606
HA	2,4-D	<0.1	0.225	<0.1	0.216	<0.1	<0.1	0.113	0.242	0.474	0.228

* --- B2 PAH

Table D-2. Data Listing for Phase 1 Data: Outdoor Air Sample, ng/m^3

Compound Class	Compound	D01	D02	D03	D04	D05 (First)	D05 (Second)	D06	D07	D08	D09	D10
PAH	Naphthalene	52.161	91.452	66.422	48.582	90.755	22.027	263.198	67.256	94.681	51.951	96.455
	Biphenyl	10.043	15.305	8.927	9.424	8.415	3.215	16.927	5.090	6.249	5.138	9.959
	Acenaphthylene	1.354	2.465	1.316	1.959	2.873	0.475	4.064	1.162	1.162	0.702	1.374
	Acenaphthene	2.258	2.624	2.659	3.294	3.942	1.237	8.849	1.586	3.501	2.761	5.515
	Fluorene	3.297	4.022	2.784	2.796	6.419	2.270	7.767	2.273	3.813	2.938	6.384
	Phenanthrene	5.238	8.354	4.734	3.594	11.999	4.496	11.433	3.455	8.761	5.368	15.987
	Anthracene	0.159	0.255	0.243	0.394	0.625	0.157	0.433	0.106	0.277	0.150	0.390
	Fluoranthene	0.490	1.279	0.628	0.517	1.534	0.587	1.462	0.416	0.884	0.627	1.406
	Pyrene	0.334	0.836	0.395	0.532	1.995	0.427	1.528	0.368	0.528	0.302	1.025
	Cyclopenta[c,d]pyrene	<0.01	<0.01	<0.01	<0.01	0.098	<0.01	0.188	<0.01	<0.01	<0.01	<0.01
	Benz[a]anthracene*	0.032	0.052	0.027	0.084	0.058	0.022	0.087	0.043	0.040	0.022	0.036
	Chrysene*	0.044	0.071	0.040	0.132	0.102	<0.01	0.138	0.040	0.053	0.031	0.075
	Benzo[b]fluoranthene*	0.089	0.148	0.083	0.1	0.096	0.050	0.228	0.100	0.087	0.071	0.091
	Benzo[k]fluoranthene*	0.037	0.044	0.024	0.08	0.025	0.028	0.068	0.026	0.030	0.019	0.025
	Benzo[e]pyrene	0.045	0.073	0.040	0.087	0.049	0.022	0.122	0.046	0.048	0.041	0.053
	Benzo[a]pyrene*	0.057	0.016	0.019	0.055	0.022	0.031	0.031	0.014	0.013	0.018	0.030
	Indeno[1,2,3-c,d]pyrene*	0.039	0.072	0.042	0.066	0.060	0.022	0.133	0.070	0.050	0.035	0.053
	Dibenzo[a,h]anthracene*	0.017	0.017	0.013	<0.01	0.012	<0.01	0.020	0.020	0.016	<0.01	0.021
	Benzo[g,h,i]perylene	0.050	0.101	0.049	0.088	0.075	0.028	0.184	0.075	0.069	0.034	0.055
	Coronene	0.023	0.063	0.038	<0.01	0.050	<0.01	0.109	0.043	0.039	0.026	0.043
	Sum of B2 PAH	0.317	0.423	0.248	0.517	0.375	0.153	0.705	0.313	0.288	0.196	0.331
	Sum of Target PAH	75.767	127.252	88.483	71.784	129.203	35.095	316.967	82.189	120.302	70.234	138.977
PE	Dibutylphthalate	79.928	142.822	191.099	58.244	177.380	64.307	168.776	51.643	112.709	173.285	80.013
	Benzylbutylphthalate	48.363	733.029	245.244	15.826	166.535	39.889	58.203	21.666	80.619	26.600	25.695
	Sum of Phthalate Esters	128.291	875.851	436.343	74.070	343.915	104.196	226.978	73.309	193.327	199.886	105.707
OP	Diazinon	1.407	4.329	2.372	3.398	6.069	1.309	0.227	<0.1	2.303	1.699	2.774
	Chlorpyrifos	1.774	25.679	1.230	22.780	1.704	1.760	11.695	0.755	4.046	3.761	5.700
	Sum of OP Pesticides	3.181	30.007	3.602	26.178	7.773	3.069	11.922	0.755	6.349	5.460	8.473
OC	Lindane	7.225	5.628	4.777	6.653	21.221	4.088	3.657	5.228	3.207	2.030	3.247
	Heptachlor	6.405	4.811	2.715	3.141	12.118	6.286	2.925	5.104	5.626	1.722	1.613
	Aldrin	<0.1	0.984	<0.1	<0.1	2.538	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	gamma-Chlordane	0.892	0.302	0.493	0.268	0.477	0.370	0.209	0.309	0.230	0.176	0.174
	alpha-Chlordane	0.503	0.273	0.356	0.219	0.264	0.372	0.210	0.209	0.174	0.166	0.202
	p,p'-DDE	0.459	0.339	0.224	<0.1	0.775	<0.1	<0.1	0.112	0.116	0.165	0.209
	Dieldrin	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Endrin	<0.1	1.111	<0.1	<0.1	<0.1	<0.1	<0.1	2.194	1.662	0.000	2.053
	p,p'-DDT	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Sum of OC Pesticides	15.485	13.449	8.565	10.280	37.392	11.116	7.000	13.155	11.015	4.258	7.497
PCB	2-Chlorobiphenyl	2.741	3.496	1.832	1.896	2.405	1.966	0.850	0.472	0.992	0.355	0.289
	4-Chlorobiphenyl	0.397	0.295	0.765	<0.04	0.446	0.140	0.690	0.104	0.185	0.105	0.405
	2,6-Dichlorobiphenyl	5.878	0.857	<0.04	2.358	<0.04	0.823	2.647	<0.04	0.951	0.603	1.145
	4,4'-Dichlorobiphenyl	0.082	<0.04	<0.04	0.094	<0.04	<0.04	0.226	<0.04	0.261	0.238	0.337
	2,4,4'-Trichlorobiphenyl	1.303	1.177	1.306	2.263	2.277	0.654	1.385	0.872	1.041	2.395	2.835
	2,2'5,5'-Tetrachlorobiphenyl	1.241	2.355	1.746	1.263	5.649	1.771	1.566	1.687	1.791	1.729	1.520
	2,2'3,5'-Tetrachlorobiphenyl	2.299	1.393	0.700	0.699	1.144	0.324	0.489	0.317	0.518	0.510	0.406
	2,3',4',5-Tetrachlorobiphenyl	0.240	0.281	0.280	0.184	0.529	0.331	0.324	0.395	0.415	0.332	0.247
	3,3'4,4'-Tetrachlorobiphenyl	0.045	0.064	0.056	0.047	0.295	0.168	0.089	0.111	0.102	0.134	0.111
	2,2'3,5'6-Pentachlorobiphenyl	0.314	0.283	0.233	0.142	0.581	0.600	0.388	0.676	0.373	0.523	0.309
	2,2'4,5,5'-Pentachlorobiphenyl	0.246	0.284	0.154	0.052	0.542	0.296	0.185	0.521	0.158	0.382	0.078
	2,2'3,4,5'-Pentachlorobiphenyl	0.068	<0.04	0.040	<0.04	0.172	0.072	<0.04	0.175	0.043	0.012	<0.04
	2,3,3'4',6-Pentachlorobiphenyl	0.300	0.307	0.250	0.233	0.658	0.536	0.343	0.598	0.498	0.467	0.271
	2,3'4,4',5-Pentachlorobiphenyl	0.179	0.066	0.081	<0.04	0.054	0.158	0.162	0.251	0.129	0.169	0.099
	2,3,3',4,4'-Pentachlorobiphenyl	0.091	0.151	0.112	0.060	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	3,3'4,4'5-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	0.042	<0.04	0.091	<0.04	<0.04	<0.04
	2,2',4,4'5,5'-Hexachlorobiphenyl	0.118	0.151	0.153	0.125	0.082	<0.04	<0.04	<0.04	0.122	0.118	<0.04
	2,2',3,4,4',5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	0.075	<0.04	<0.04	0.067	0.075	0.131	<0.04
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.104	0.099	<0.04	<0.04
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Sum of Target PCB	15.544	11.160	7.707	9.415	14.910	7.883	9.345	6.441	7.751	8.204	8.054
Ph	Pentachlorophenol	0.499	0.379	0.260	0.413	NA	0.436	0.337	0.475	0.247	0.287	0.428
	Nonylphenols	78.255	110.995	76.023	39.064	1706.091	39.864	101.973	105.226	99.493	31.287	40.411
	Bisphenol-A	2.502	1.368	0.000	0.000	12.530	2.077	0.582	0.872	0.856	<0.1	0.536
	Sum of Phenols	81.257	112.743	76.283	39.477	1718.621	42.377	102.892	106.573	100.596	31.573	41.375
HA	2,4-D	<0.1	0.217	<0.1	<0.1		0.382	0.322	0.401	0.544	0.318	0.195

* --- B2 PAH

Table D-3. Data Listing for Phase 1 Data: House Dust HVS3 Vacuum Sample, ppm

Compound Class	Compound	D01	D02	D03	D04	D05	D06	D07	D08	D09 (New)	D09 (Old)	D10
PAH	Naphthalene	0.015	0.015	0.026	0.006	0.009	0.003	0.001	0.005	0.002	0.003	0.008
	Biphenyl	0.005	0.008	0.007	0.003	0.003	0.002	0.001	0.005	0.004	0.002	0.004
	Acenaphthylene	0.003	0.018	0.005	0.006	0.002	0.002	0.001	0.005	0.001	0.009	0.010
	Acenaphthene	0.022	0.020	0.050	0.006	0.009	0.009	0.003	0.011	0.006	0.003	<0.001
	Fluorene	0.019	0.019	0.019	0.006	0.006	0.004	0.004	0.007	0.007	0.011	0.009
	Phenanthrene	0.875	0.637	0.343	0.092	0.060	0.049	0.051	0.098	0.050	0.330	0.312
	Anthracene	0.038	0.076	0.053	0.014	0.007	0.008	0.009	0.013	0.007	0.020	0.019
	Fluoranthene	0.305	1.827	0.536	0.178	0.082	0.077	0.084	0.180	0.085	1.028	1.141
	Pyrene	0.258	1.457	0.450	0.140	0.066	0.069	0.067	0.149	0.066	0.798	0.898
	Cyclopenta[c,d]pyrene	0.045	0.145	0.072	0.018	0.014	0.016	0.011	0.030	0.016	0.113	0.146
	Benz[a]anthracene*	0.155	0.491	0.258	0.052	0.031	0.036	0.031	0.075	0.038	0.414	0.562
	Chrysene*	0.206	1.213	0.318	0.102	0.046	0.066	0.036	0.132	0.039	0.769	1.190
	Benzo[b]fluoranthene*	0.222	1.154	0.241	0.117	0.048	0.064	0.045	0.151	0.025	1.217	1.289
	Benzo[k]fluoranthene*	0.077	0.369	0.076	0.039	0.026	0.019	0.018	0.048	0.007	0.398	0.433
	Benzo[e]pyrene	0.128	0.627	0.132	0.064	0.046	0.042	0.025	0.085	0.015	0.645	0.662
	Benzo[a]pyrene*	0.208	0.688	0.203	0.143	0.117	0.098	0.034	0.131	0.015	0.751	0.820
	Indeno[1,2,3-c,d]pyrene*	0.095	0.480	0.119	0.040	0.003	0.013	0.005	0.035	0.002	0.685	0.786
	Dibenzo[a,h]anthracene*	0.031	0.109	0.034	0.014	0.010	0.008	0.003	0.012	0.003	0.162	0.207
	Benzo[g,h,i]perylene	0.099	0.497	0.112	0.040	0.003	0.015	0.006	0.043	<0.001	0.640	0.725
	Coronene	0.011	0.136	0.015	0.004	0.001	0.001	0.001	0.002	0.001	0.206	0.200
	Sum of B2 PAH	0.993	4.504	1.248	0.507	0.281	0.303	0.172	0.583	0.130	4.395	5.287
	Sum of Target PAH	2.815	9.985	3.068	1.085	0.588	0.600	0.436	1.215	0.388	8.204	9.421
PE	Dibutylphthalate	18.284	19.064	19.227	22.562	18.290	18.354	7.776	46.257	6.645	24.150	1.577
	Benzylbutylphthalate	42.954	19.334	41.962	82.390	71.369	39.531	15.106	174.585	43.908	114.822	98.917
	Sum of Phthalate Esters	61.238	38.398	61.189	104.952	89.659	57.885	22.882	220.842	50.553	138.972	100.493
OP	Diazinon	0.282	0.304	0.133	0.064	0.799	0.344	0.041	0.322	0.064	0.046	0.055
	Chlorpyrifos	0.517	1.045	0.491	0.369	0.393	0.631	0.165	1.231	0.032	0.695	0.784
	Sum of OP Pesticides	0.799	1.349	0.623	0.433	1.192	0.975	0.205	1.552	0.096	0.742	0.840
OC	Lindane	0.005	0.034	0.008	0.010	0.015	0.024	0.005	0.010	0.011	0.004	0.015
	Heptachlor	0.126	0.148	0.073	1.234	0.085	0.088	0.028	0.644	0.020	0.152	0.189
	Aldrin	0.015	0.037	0.014	0.005	0.012	0.010	0.002	0.032	0.011	0.011	0.007
	gamma-Chlordane	0.689	0.140	0.550	0.484	0.062	0.068	0.020	0.183	0.016	0.172	0.194
	alpha-Chlordane	0.565	0.085	0.381	0.264	0.034	0.033	0.010	0.077	0.010	0.077	0.093
	p,p'-DDE	0.047	0.140	0.039	0.075	0.254	0.030	0.076	0.160	0.096	0.136	0.056
	Dieldrin	0.014	0.211	0.053	1.474	0.590	0.159	0.874	0.125	1.328	0.587	0.080
	Endrin	0.132	0.228	0.034	0.032	0.011	0.066	0.019	0.132	0.045	0.040	0.046
	p,p'-DDT	0.072	0.211	0.050	0.037	0.016	0.120	0.029	0.065	0.046	0.073	0.081
	Sum of OC Pesticides	1.665	1.233	1.201	3.616	1.078	0.597	1.063	1.428	1.584	1.252	0.761
PCB	2-Chlorobiphenyl	<0.002	0.002	0.003	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	4-Chlorobiphenyl	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	2,6-Dichlorobiphenyl	<0.002	0.015	<0.002	<0.002	<0.002	0.042	<0.002	0.004	<0.002	0.005	0.009
	4,4'-Dichlorobiphenyl	<0.002	<0.002	0.006	0.004	<0.002	0.134	<0.002	<0.002	0.006	0.012	<0.002
	2,4,4'-Trichlorobiphenyl	<0.002	0.042	0.101	0.015	<0.002	1.194	0.018	0.004	0.027	0.042	0.046
	2,2'5,5'-Tetrachlorobiphenyl	0.025	0.085	0.054	0.052	0.008	0.298	0.019	0.032	0.021	0.646	0.737
	2,2'3,5'-Tetrachlorobiphenyl	0.025	0.091	0.043	0.026	<0.002	0.334	0.005	0.008	0.007	0.395	0.456
	2,3',4',5-Tetrachlorobiphenyl	<0.002	0.064	0.046	0.011	<0.002	0.166	<0.002	<0.002	<0.002	0.315	0.353
	3,3'4,4'-Tetrachlorobiphenyl	0.005	0.020	0.016	0.010	0.002	0.027	<0.002	<0.002	0.002	0.015	0.011
	2,2'3,5'6-Pentachlorobiphenyl	0.004	0.007	0.014	0.013	<0.002	0.058	0.012	0.005	0.002	2.507	2.842
	2,2'4,5,5'-Pentachlorobiphenyl	0.009	0.008	0.014	0.018	0.008	0.059	0.007	0.006	<0.002	4.334	4.903
	2,2'3,4,5'-Pentachlorobiphenyl	<0.002	0.033	0.012	0.002	<0.002	0.037	0.003	<0.002	<0.002	2.290	2.587
	2,3,3'4',6-Pentachlorobiphenyl	0.014	0.032	0.024	0.032	<0.002	0.067	0.016	<0.002	<0.002	5.182	5.858
	2,3'4,4',5-Pentachlorobiphenyl	0.008	0.019	0.023	0.019	<0.002	0.038	0.004	0.010	<0.002	2.642	3.004
	2,3,3',4,4'-Pentachlorobiphenyl	0.015	0.011	0.011	0.002	<0.002	0.032	0.003	0.003	<0.002	0.776	0.868
	3,3'4,4'5-Pentachlorobiphenyl	<0.002	0.101	0.010	0.026	0.007	0.030	0.013	0.050	<0.002	0.227	0.256
	2,2',4,4'5,5'-Hexachlorobiphenyl	0.011	0.042	0.025	0.020	<0.002	0.064	0.003	0.004	0.002	0.894	1.063
	2,2',3,4,4',5'-Hexachlorobiphenyl	0.014	0.042	0.009	0.009	<0.002	0.035	0.012	0.025	<0.002	2.246	2.605
	3,3'4,4',5,5'-Hexachlorobiphenyl	0.014	0.063	0.174	0.093	0.047	0.117	0.011	0.016	0.074	0.055	0.075
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.002	0.020	<0.002	0.003	<0.002	0.025	0.015	<0.002	<0.002	2.212	2.496
	Sum of Target PCB	0.143	0.697	0.586	0.354	0.072	2.759	0.138	0.166	0.139	24.797	28.168
Ph	Pentchlorophenol	0.271	0.081	0.047	0.082	0.225	0.128	0.041	0.044	0.072	0.148	0.229
	Nonylphenols	6.866	12.423	4.161	6.306	8.188	13.780	4.433	12.203	6.600	11.868	6.008
	Bisphenol-A	2.005	2.212	1.144	1.129	2.281	1.346	1.038	3.990	3.095	4.513	2.089
	Sum of Phenols	9.142	14.717	5.351	7.518	10.694	15.253	5.511	16.238	9.768	16.529	8.326
HA	2,4-D	0.118	0.052	0.020	0.264	0.050	0.235	0.024	0.315	0.139	0.160	0.618

* --- B2 PAH

Table D-4. Data Listing for Phase 1 Data: House Dust Vacuum Bag Sample, ppm

Compound Class	Compound	D01	D02	D06	D07	D08	D09	D10
PAH	Naphthalene	0.016	0.007	0.006	0.010	0.005	0.028	0.043
	Biphenyl	0.004	0.002	0.002	0.007	0.004	0.016	0.018
	Acenaphthylene	0.003	0.012	0.004	0.004	0.006	0.008	0.154
	Acenaphthene	0.041	0.005	0.004	0.009	0.010	0.056	0.388
	Fluorene	0.032	0.012	0.009	0.004	0.019	0.036	0.458
	Phenanthrene	1.053	0.523	0.155	0.224	0.352	0.477	15.818
	Anthracene	0.078	0.059	0.020	0.032	0.039	0.058	0.629
	Fluoranthene	0.575	1.591	0.255	0.319	0.713	0.888	37.782
	Pyrene	0.469	1.229	0.228	0.285	0.531	1.015	30.647
	Cyclopenta[c,d]pyrene	0.082	0.130	0.039	0.038	0.073	0.103	3.181
	Benz[a]anthracene*	0.302	0.438	0.106	0.127	0.245	0.368	12.159
	Chrysene*	0.365	1.057	0.172	0.196	0.442	0.468	22.603
	Benzo[b]fluoranthene*	0.395	0.898	0.160	0.212	0.554	0.348	26.092
	Benzo[k]fluoranthene*	0.139	0.287	0.051	0.086	0.179	0.111	8.243
	Benzo[e]pyrene	0.204	0.477	0.087	0.109	0.279	0.191	13.164
	Benzo[a]pyrene*	0.291	0.509	0.122	0.151	0.394	0.232	14.385
	Indeno[1,2,3-c,d]pyrene*	0.178	0.394	0.077	0.104	0.273	0.148	13.749
	Dibenzo[a,h]anthracene*	0.057	0.087	0.021	0.027	0.059	0.035	3.084
	Benzo[g,h,i]perylene	0.164	0.387	0.070	0.101	0.252	0.161	12.351
	Coronene	0.026	0.080	0.019	0.024	0.057	0.016	2.560
	Sum of B2 PAH	1.727	3.669	0.709	0.902	2.147	1.710	100.313
	Sum of Target PAH	4.476	8.182	1.606	2.068	4.488	4.764	217.508
PE	Dibutylphthalate	41.192	26.318	22.192	19.543	68.421	22.872	59.013
	Benzylbutylphthalate	71.649	113.757	58.840	74.106	212.540	87.057	497.339
	Sum of Phthalate Esters	112.840	140.075	81.032	93.649	280.961	109.929	556.352
OP	Diazinon	0.439	0.137	1.322	0.273	0.265	0.267	0.251
	Chlorpyrifos	0.903	0.605	0.861	0.805	1.270	0.268	4.828
	Sum of OP Pesticides	1.342	0.742	2.184	1.078	1.535	0.535	5.080
OC	Lindane	0.009	0.010	0.014	0.012	0.008	0.015	0.013
	Heptachlor	0.053	0.093	0.039	0.020	0.417	0.072	0.554
	Aldrin	0.030	0.011	0.008	0.010	0.006	0.013	0.012
	gamma-Chlordane	1.060	0.107	0.081	0.032	0.102	0.161	0.753
	alpha-Chlordane	0.685	0.062	0.045	0.018	0.043	0.068	0.313
	p,p'-DDE	0.043	0.119	0.103	0.114	0.079	0.286	0.086
	Dieldrin	0.057	0.733	1.670	1.483	0.441	1.824	1.678
	Endrin	0.050	0.065	0.081	0.043	0.077	0.089	0.064
	p,p'-DDT	0.073	0.115	0.122	0.074	0.045	0.317	0.565
	Sum of OC Pesticides	2.058	1.315	2.161	1.807	1.218	2.844	4.038
PCB	2-Chlorobiphenyl	<0.002	<0.002	<0.002	<0.002	<0.002	0.018	0.002
	4-Chlorobiphenyl	<0.002	<0.002	<0.002	<0.002	<0.002	0.001	<0.002
	2,6-Dichlorobiphenyl	<0.002	0.004	0.009	0.002	0.004	0.018	0.030
	4,4'-Dichlorobiphenyl	<0.002	<0.002	0.033	0.026	<0.002	0.005	0.018
	2,4,4'-Trichlorobiphenyl	0.006	0.013	0.526	0.052	0.002	0.043	0.090
	2,2'5,5'-Tetrachlorobiphenyl	0.023	0.016	0.230	0.106	0.018	0.076	0.277
	2,2'3,5'-Tetrachlorobiphenyl	0.020	0.028	0.241	0.053	0.004	0.020	0.171
	2,3',4',5-Tetrachlorobiphenyl	0.012	0.025	0.119	0.017	0.002	0.020	0.056
	3,3'4,4'-Tetrachlorobiphenyl	0.004	0.010	0.019	<0.002	<0.002	<0.002	0.003
	2,2'3,5'6-Pentachlorobiphenyl	0.003	0.009	0.054	0.069	<0.002	0.014	0.356
	2,2'4,5,5'-Pentachlorobiphenyl	0.005	0.009	0.069	0.096	0.003	0.035	0.479
	2,2'3,4,5'-Pentachlorobiphenyl	<0.002	0.005	0.031	0.046	<0.002	0.007	0.226
	2,3,3'4',6-Pentachlorobiphenyl	0.011	0.028	0.082	0.110	0.008	0.066	0.502
	2,3'4,4',5-Pentachlorobiphenyl	0.007	0.016	0.059	0.085	0.004	0.046	0.260
	2,3,3',4,4'-Pentachlorobiphenyl	0.018	0.006	0.026	0.041	<0.002	0.010	0.076
	3,3'4,4'5-Pentachlorobiphenyl	<0.002	0.032	0.066	<0.002	0.017	0.015	0.026
	2,2',4,4'5,5'-Hexachlorobiphenyl	0.009	0.012	0.178	0.035	<0.002	0.031	0.077
	2,2',3,4,4',5'-Hexachlorobiphenyl	0.003	0.003	0.089	0.082	0.042	0.034	0.225
	3,3'4,4',5,5'-Hexachlorobiphenyl	0.018	0.010	0.021	0.061	0.014	0.010	0.016
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.002	0.003	0.137	0.081	0.003	0.057	0.260
	Sum of Target PCB	0.139	0.228	1.989	0.962	0.120	0.525	3.150
Ph	Pentchlorophenol	0.511	0.143	0.118	0.081	0.093	0.126	0.259
	Nonylphenols	9.351	8.262	52.375	16.638	27.497	25.717	41.049
	Bisphenol-A	2.624	19.469	100.704	3.030	4.792	16.190	18.904
	Sum of Phenols	12.485	27.874	153.197	19.749	32.381	42.033	60.212

* --- B2 PAH

Table D-5. Data Listing for Phase 1 Data: Playground Soil Sample, ppm

Compound Class	Compound	D01	D02	D03	D04	D05	D06	D07	D08	D09	D10
PAH	Naphthalene	0.022	0.007	0.008	0.007	0.007	0.010	0.011	0.013	0.014	0.011
	Biphenyl	0.006	0.002	0.003	0.003	0.002	0.002	0.005	0.005	0.005	0.005
	Acenaphthylene	0.008	0.003	0.001	0.001	0.000	0.002	0.001	0.001	0.001	0.001
	Acenaphthene	0.139	0.012	0.011	0.020	0.016	0.013	0.000	0.004	0.009	0.002
	Fluorene	0.076	0.002	0.004	0.002	0.002	0.002	0.002	0.002	0.002	0.001
	Phenanthrene	1.040	0.053	0.054	0.006	0.006	0.015	0.004	0.028	0.011	0.005
	Anthracene	0.157	0.008	0.007	0.003	0.002	0.003	0.001	0.004	0.003	0.002
	Fluoranthene	2.399	0.245	0.126	0.015	0.005	0.028	0.008	0.062	0.047	0.028
	Pyrene	1.982	0.199	0.106	0.015	0.004	0.026	0.007	0.046	0.040	0.022
	Cyclopenta[c,d]pyrene	0.268	0.019	0.013	0.003	0.002	0.005	0.003	0.006	0.006	0.004
	Benz[a]anthracene*	1.054	0.063	0.047	0.006	0.003	0.012	0.004	0.020	0.015	0.009
	Chrysene*	1.139	0.113	0.063	0.008	0.002	0.015	0.004	0.023	0.024	0.017
	Benzo[b]fluoranthene*	1.324	0.111	0.049	0.003	0.003	0.011	0.001	0.014	0.007	0.007
	Benzo[k]fluoranthene*	0.471	0.037	0.020	0.001	0.001	0.004	0.002	0.006	0.002	0.003
	Benzo[e]pyrene	0.696	0.067	0.027	0.002	0.001	0.007	0.001	0.008	0.004	0.004
	Benzo[a]pyrene*	0.804	0.050	0.027	0.004	0.001	0.008	0.002	0.010	0.004	0.003
	Indeno[1,2,3-c,d]pyrene*	0.603	0.019	0.003	0.002	0.002	0.002	0.002	0.002	0.001	0.002
	Dibenzo[a,h]anthracene*	0.193	0.004	0.002	0.000	0.000	0.000	0.001	0.002	0.002	0.002
	Benzo[g,h,i]perylene	0.607	0.025	0.005	0.000	0.001	0.001	0.001	0.001	0.000	0.000
	Coronene	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Sum of B2 PAH	5.589	0.397	0.211	0.024	0.012	0.052	0.017	0.075	0.055	0.042
	Sum of Target PAH	13.089	1.038	0.574	0.101	0.061	0.167	0.060	0.255	0.197	0.127
PE	Dibutylphthalate	0.170	0.179	0.184	0.148	0.837	0.784	0.172	0.160	0.147	0.178
	Benzylbutylphthalate	0.077	0.111	0.067	0.083	0.407	0.435	0.073	0.117	0.166	0.064
	Sum of Phthalate Esters	0.247	0.290	0.250	0.231	1.243	1.219	0.245	0.278	0.312	0.242
OP	Diazinon	0.010	0.010	0.004	0.013	0.009	0.069	0.002	0.002	0.002	0.002
	Chlorpyrifos	0.002	<0.001	0.002	0.027	0.002	0.019	0.002	0.002	0.002	0.006
	Sum of OP Pesticides	0.012	0.010	0.006	0.040	0.011	0.088	0.004	0.004	0.004	0.008
OC	Lindane	0.003	0.005	0.002	0.009	0.012	0.005	0.005	<0.001	<0.001	<0.001
	Heptachlor	0.003	<0.001	<0.001	0.009	0.002	0.002	0.002	0.001	0.003	0.001
	Aldrin	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.002
	gamma-Chlordane	<0.001	<0.001	<0.001	0.002	0.004	0.002	0.001	0.002	0.010	0.002
	alpha-Chlordane	<0.001	<0.001	<0.001	0.001	0.004	0.005	0.005	0.001	0.011	<0.001
	p,p'-DDE	<0.001	<0.001	0.003	0.029	<0.001	0.020	0.011	0.002	0.003	0.003
	Dieldrin	<0.001	<0.001	<0.001	0.019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Endrin	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.007	0.006
	p,p'-DDT	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Sum of OC Pesticides	0.006	0.005	0.005	0.070	0.022	0.034	0.024	0.007	0.036	0.014
PCB	2-Chlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	0.001
	4-Chlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,6-Dichlorobiphenyl	<0.001	<0.001	0.001	0.004	<0.001	<0.001	0.001	0.008	0.003	0.003
	4,4'-Dichlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,4,4'-Trichlorobiphenyl	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001
	2,2'5,5'-Tetrachlorobiphenyl	0.002	<0.001	0.003	<0.001	<0.001	0.010	0.005	0.000	0.003	0.003
	2,2'3,5'-Tetrachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.000	<0.001	<0.001
	2,3',4',5-Tetrachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	3,3'4,4'-Tetrachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'3,5'6-Pentachlorobiphenyl	<0.001	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'4,5,5'-Pentachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'3,4,5'-Pentachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,3,3'4',6-Pentachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
	2,3'4,4',5-Pentachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,3,3',4,4'-Pentachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	3,3'4,4'5-Pentachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2',4,4'5,5'-Hexachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
	2,2',3,4,4',5'-Hexachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	0.001	0.003	<0.001	<0.001	<0.001	<0.001
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
	Sum of Target PCB	0.004	0.001	0.007	0.004	0.001	0.016	0.009	0.008	0.007	0.006
Ph	Pentchlorophenol	0.006	0.004	0.003	0.006	0.006	0.009	0.005	0.002	0.006	0.004
	Nonylphenols	0.210	0.100	0.140	0.124	0.149	0.288	0.114	0.116	0.160	0.109
	Bisphenol-A	0.306	0.083	0.061	0.176	0.100	0.674	0.118	0.158	0.090	0.023
	Sum of Phenols	0.522	0.187	0.204	0.305	0.255	0.971	0.237	0.276	0.255	0.136
HA	2,4-D	<0.001	0.003	<0.001	<0.001	<0.001	0.007	<0.001	0.005	<0.001	<0.001

* --- B2 PAH

Table D-6. Data Listing for Phase 1 Data: Liquid Food Sample, ppb

Compound Class	Compound	D01	D02	D03	D04	D05	D06	D07	D08	D09	D10
PAH	Naphthalene	0.25	0.28	0.29	0.23	0.19	0.25	0.21	0.22	0.34	0.25
	Biphenyl	0.08	0.09	0.11	0.08	0.08	0.07	0.07	0.06	0.07	0.07
	Acenaphthylene	<0.04	<0.04	0.18	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Acenaphthene	<0.04	2.33	1.88	<0.04	<0.04	<0.04	<0.04	<0.04	1.72	<0.04
	Fluorene	0.07	0.05	<0.04	0.09	<0.04	<0.04	0.06	<0.04	0.09	<0.04
	Phenanthrene	0.29	0.22	0.20	0.23	0.18	0.18	0.15	0.17	0.22	0.20
	Anthracene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Fluoranthene	0.11	0.11	0.10	0.13	0.09	0.10	0.08	0.08	0.12	0.09
	Pyrene	0.06	0.05	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.05	0.05
	Cyclopenta[c,d]pyrene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benz[a]anthracene*	<0.04	<0.04	<0.04	0.05	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Chrysene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[b]fluoranthene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[k]fluoranthene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[e]pyrene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[a]pyrene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Indeno[1,2,3-c,d]pyrene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Dibenzo[a,h]anthracene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[g,h,i]perylene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Coronene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Sum of B2 PAH	<0.04	<0.04	<0.04	0.05	<0.04	<0.04	<0.04	<0.04	<0.04	0.41
	Sum of Target PAH	0.86	3.12	2.76	0.81	0.53	0.60	0.57	0.53	3.31	0.68
PE	Dibutylphthalate	41.22	<0.04	<0.04	<0.04	<0.04	38.99	<0.04	<0.04	51.09	<0.04
	Benzylbutylphthalate	23.15	32.34	22.50	25.05	26.80	47.53	48.96	16.63	35.29	34.13
	Sum of Phthalate Esters	64.369	32.340	22.496	25.049	26.795	86.516	48.959	16.630	86.382	34.130
OP	Diazinon	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Chlorpyrifos	<0.04	0.26	<0.04	<0.04	<0.04	0.23	0.18	<0.04	0.12	0.08
	Sum of OP Pesticides	<0.04	0.26	<0.04	<0.04	<0.04	0.23	0.18	<0.04	0.12	0.08
OC	Lindane	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Heptachlor	<0.04	1.22	INT	1.06	1.02	0.84	<0.04	<0.04	0.67	<0.04
	Aldrin	<0.04	<0.04	INT	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	gamma-Chlordane	1.52	<0.04	0.20	<0.04	<0.04	<0.04	0.11	<0.04	<0.04	0.13
	alpha-Chlordane	0.28	<0.04	0.13	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.07
	p,p'-DDE	0.19	0.09	0.95	0.14	0.10	0.09	0.12	0.09	0.15	0.11
	Dieldrin	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
	Endrin	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	p,p'-DDT	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Sum of OC Pesticides	2.00	1.31	1.28	1.20	1.12	0.94	0.24	0.09	0.82	0.31
PCB	2-chlorobiphenyl	<0.04	<0.04	0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	4-chlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,6-dichlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	4,4'-dichlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,4,4'-trichlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'5,5'-tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'3,5'-tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,3',4',5-tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	3,3'4,4'-tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'3,5'6-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'4,5,5'-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'3,4,5'-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,3,3'4',6-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,3'4,4',5-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,3,3',4,4'-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	3,3'4,4'5-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2',4,4'5,5'-hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2',3,4,4',5'-hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	3,3'4,4',5,5'-hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2',3,4,4',5,5'-heptachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Sum of Target PCB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Ph	Pentchlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonylphenol	3.45	10.13	<0.1	7.77	7.50	7.97	8.05	7.12	8.43	6.43
	Bisphenol-A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2.23	<0.1	<0.1	<0.1
	Sum of Phenols	3.45	10.13	<0.1	7.77	7.50	7.97	10.28	7.12	8.43	6.43
HA	2,4-D	0.29	0.22	0.64	0.58	0.39	0.20	2.36	1.59	2.08	1.71

* --- B2 PAH

Table D-7. Data Listing for Phase 1 Data: Solid Food Sample, ppb

Compound Class	Compound	D01	D02	D03	D04	D05	D06	D07	D08	D09	D10
PAH	Naphthalene	0.30	0.52	0.79	0.51	0.73	0.67	0.60	0.74	0.54	3.99
	Biphenyl	0.08	0.16	0.28	0.15	0.30	0.15	0.18	0.21	0.21	0.41
	Acenaphthylene	<0.04	0.10	0.00	1.10	<0.04	<0.04	0.34	0.68	<0.04	0.20
	Acenaphthene	<0.04	<0.04	<0.04	0.76	0.71	0.58	1.35	0.00	0.88	1.98
	Fluorene	0.22	0.57	0.47	1.19	0.30	0.58	0.63	0.11	0.13	0.13
	Phenanthrene	0.83	0.80	0.51	0.70	0.64	1.11	1.15	0.83	0.69	0.97
	Anthracene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.11	<0.04	0.09
	Fluoranthene	0.25	0.20	0.17	0.22	0.23	0.33	0.53	0.29	0.23	0.54
	Pyrene	0.14	0.13	<0.04	0.16	0.17	0.21	0.35	0.28	0.16	0.43
	Cyclopenta[c,d]pyrene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benz[a]anthracene*	0.04	0.04	0.05	0.04	0.04	0.02	0.54	0.44	0.37	0.14
	Chrysene*	0.02	0.04	0.34	0.97	0.04	0.65	0.34	0.18	0.10	0.28
	Benzo[b]fluoranthene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[k]fluoranthene*	<0.04	<0.04	0.09	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[e]pyrene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.15	<0.04	<0.04
	Benzo[a]pyrene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Indeno[1,2,3-c,d]pyrene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Dibenzo[a,h]anthracene*	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Benzo[g,h,i]perylene	<0.04	<0.04	<0.04	0.37	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Coronene	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Sum of B2 PAH	0.05	0.08	0.48	1.01	0.08	0.68	0.88	0.62	0.47	0.42
	Sum of Target PAH	1.87	2.56	2.70	6.19	3.15	4.32	6.00	4.01	3.31	9.15
PE	Dibutylphthalate	187.21	176.77	181.48	179.89	240.86	237.39	362.56	143.55	243.56	223.31
	Benzylbutylphthalate	4.11	11.22	17.09	13.85	101.54	41.47	24.44	9.97	9.84	10.68
	Sum of Phthalate Esters	191.316	187.989	198.567	193.741	342.404	278.863	386.998	153.516	253.397	233.984
OP	Diazinon	<0.04	<0.04	<0.04	<0.04	1.71	14.49	<0.04	<0.04	<0.04	<0.04
	Chlorpyrifos	0.56	0.66	0.55	0.37	0.99	0.68	1.60	0.63	0.49	1.19
	Sum of OP Pesticides	0.56	0.66	0.55	0.37	2.70	15.17	1.60	0.63	0.49	1.19
OC	Lindane	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Heptachlor	<0.04	2.10	<0.04	3.88	4.51	<0.04	<0.04	<0.04	2.28	2.21
	Aldrin	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	gamma-Chlordane	0.22	0.16	0.20	0.25	0.12	0.13	0.18	0.12	0.14	0.20
	alpha-Chlordane	0.18	<0.04	0.13	0.18	<0.04	0.12	0.09	<0.04	<0.04	0.14
	p,p'-DDE	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.88	0.36	0.40	0.49
	Dieldrin	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
	Endrin	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	p,p'-DDT	<0.04	<0.04	<0.04	<0.04	0.83	<0.04	<0.04	<0.04	<0.04	<0.04
	Sum of OC Pesticides	0.40	2.26	0.34	4.32	5.46	0.25	1.15	0.48	2.81	3.04
PCB	2-chlorobiphenyl	<0.04	<0.04	0.08	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	4-chlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,6-dichlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	4,4'-dichlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,4,4'-trichlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'5,5'-tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'3,5'-tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,3',4',5-tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	3,3'4,4'-tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'3,5'6-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'4,5,5'-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2'3,4,5'-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,3,3'4',6-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,3'4,4',5-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,3,3',4,4'-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	3,3'4,4'5-pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2',4,4'5,5'-hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2',3,4,4',5'-hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	3,3'4,4',5,5'-hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	2,2',3,4,4',5,5'-heptachlorobiphenyl	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
	Sum of Target PCB	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Ph	Pentchlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nonylphenol	22.74	22.29	62.95	49.60	50.36	47.23	46.86	33.73	40.69	57.88
	Bisphenol-A	5.90	7.90	5.60	6.20	4.98	3.22	2.23	2.84	3.53	<0.1
	Sum of Phenols	28.64	30.19	68.56	55.80	55.34	50.45	49.09	36.57	44.23	57.88
HA	2,4-D	0.28	0.30	3.14	2.47	1.30	1.45	1.48	0.42	0.26	2.44

* --- B2 PAH

Table D-8. Data Listing for Phase 1 Data: Food Samples in Glass and Plastic Containers, ppb

Compound	D10-LF-G* ppb	D10-LF-P* ppb	D10-SF-G* ppb	D10-SF-P* ppb
PAH				
Naphthalene	0.25	0.23	3.99	3.93
Biphenyl	0.07	0.09	0.41	0.40
Acenaphthylene	<0.04	<0.04	0.20	0.24
Acenaphthene	<0.04	<0.04	1.98	2.20
Fluorene	<0.04	<0.04	0.13	0.14
Phenanthrene	0.20	0.41	0.97	0.92
Anthracene	<0.04	<0.04	0.09	0.09
Flouranthene	0.09	0.14	0.54	0.59
Pyrene	0.05	0.05	0.43	0.46
Cyclopenta[c,d]pyrene	<0.04	<0.04	<0.04	<0.04
Benz[a]anthracene*	<0.04	<0.04	0.14	0.14
Chrysene*	<0.04	<0.04	0.28	0.28
Benzo[b]flouranthene*	<0.04	<0.04	<0.04	<0.04
Benzo[k]fluoranthene*	<0.04	<0.04	<0.04	<0.04
Benzo[e]pyrene	<0.04	<0.04	<0.04	<0.04
Benzo[a]pyrene*	<0.04	<0.04	<0.04	<0.04
Indeno[1,2,3-c,d]pyrene*	<0.04	<0.04	<0.04	<0.04
Dibenzo[a,h]anthracene*	<0.04	<0.04	<0.04	<0.04
Benzo[g,h,i]perylene	<0.04	<0.04	<0.04	<0.04
Coronene	<0.04	<0.04	<0.04	<0.04
Sum of B2 PAH	0.41	0.43	0.42	0.43
Sum of target PAH	0.68	0.92	9.15	9.39
Phthalate Esters				
Dibutylphthalate	<0.04	42.18	223.31	284.75
Benzylbutylphthalate	34.13	22.61	10.68	51.40
Sum of PE	34.13	64.79	233.98	336.15
OP and OC				
Diazinon	<0.04	<0.04	<0.04	<0.04
Chlorpyrifos	0.08	0.14	1.19	1.06
Lindane	<0.04	<0.04	<0.04	<0.04
Heptachlor	<0.04	<0.04	2.21	2.16
Aldrin	<0.04	<0.04	<0.04	<0.04
gamma-Chlordane	0.13	0.26	0.20	0.22
alpha-Chlordane	0.07	0.09	0.14	0.14
p,p'-DDE	0.11	0.12	0.49	0.50
Dieldrin	<0.08	<0.08	<0.08	<0.08
Endrin	<0.04	<0.04	<0.04	<0.04
p,p'-DDT	<0.04	<0.04	<0.04	<0.04
Sum of OP Pesticides	0.08	0.14	1.19	1.06
Sum of OC Pesticides	0.31	0.48	3.04	3.02
PCB				
2-Chlorobiphenyl	<0.04	<0.04	<0.04	<0.04
4-Chlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,6-Dichlorobiphenyl	<0.04	<0.04	<0.04	<0.04
4,4'-Dichlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,4,4'-Trichlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,2'5,5'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,2'3,5'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,3',4',5-Ttrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
3,3'4,4'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,2'3,5'6-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,2'4,5,5'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,2'3,4,5'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,3,3'4',6-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,3'4,4',5-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,3,3',4,4'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
3,3'4,4'5-Pentachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,2',4,4'5,5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,2',3,4,4',5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
3,3'4,4',5,5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	<0.04
2,2',3,4,4',5,5'-Heptachlorobiphen	<0.04	<0.04	<0.04	<0.04
Phenols				
Pentachlorophenol	ND	ND	ND	ND
Nonylphenol	6.43	11.99	57.88	54.53
Bisphenol-A	<0.1	<0.1	<0.1	3.98
Sum of Phenols	6.43	11.99	57.88	58.51
HA				
2,4-D	ND	ND	2.44	2.32

* G denotes glass containers and P denotes plastic containers
ND = not determined

APPENDIX E. SUMMARY STATICS FOR MEASURED TARGET PERSISTENT ORGANIC POLLUTANT CONCENTRATIONS IN AIR, DUST, AND FOOD SAMPLES IN PHASE 1 STUDY

Table E-1. Summary Statistics for Phase 1 Data: Indoor Air Sample, ng/m^3

Compound Class	Compound	N	N_BDL	MEAN	STANDARD DEVIATION	MIN	MAX
PAH	Naphthalene	10	0	204.849	147.865	92.211	583.534
	Biphenyl	10	0	23.897	14.261	10.177	52.841
	Acenaphthylene	10	0	2.245	0.780	1.252	3.716
	Acenaphthene	10	0	6.683	7.933	2.135	28.657
	Fluorene	10	0	4.049	1.126	2.704	6.072
	Phenanthrene	10	0	20.956	40.499	3.648	135.202
	Anthracene	10	0	0.827	0.671	0.471	2.692
	Fluoranthene	10	0	0.621	0.238	0.361	1.006
	Pyrene	10	0	0.373	0.109	0.235	0.529
	Cyclopenta[c,d]pyrene	10	10	<0.04	0.000	<0.04	<0.04
	Benz[a]anthracene*	10	0	0.109	0.021	0.073	0.145
	Chrysene*	10	0	0.108	0.030	0.06	0.147
	Benzo[b]fluoranthene*	10	1	0.128	0.044	<0.04	0.165
	Benzo[k]fluoranthene*	10	1	0.081	0.025	<0.04	0.107
	Benzo[e]pyrene	10	0	0.105	0.033	0.035	0.15
	Benzo[a]pyrene*	10	0	0.103	0.034	0.054	0.156
	Indeno[1,2,3-c,d]pyrene*	10	1	0.064	0.021	<0.04	0.09
	Dibenzo[a,h]anthracene*	10	10	<0.04	0.000	<0.04	<0.04
	Benzo[g,h,i]perylene	10	2	0.066	0.030	<0.04	0.104
	Coronene	10	10	<0.04	0.000	<0.04	<0.04
	Sum of B2 PAH	10	0	0.587	0.149	0.246	0.771
	Sum of Target PAH	10	0	265.096	184.514	116.223	689.511
PE	Dibutylphthalate	10	0	239.087	109.565	107.81	403.951
	Benzylbutylphthalate	10	0	100.148	174.009	11.566	580.794
	Sum of Phthalate Esters	10	0	339.235	259.792	121.479	984.745
OP	Diazinon	10	0	15.912	18.612	3.749	62.448
	Chlorpyrifos	10	0	9.349	5.832	1.257	21.696
	Sum of OP Pesticides	10	0	25.262	22.168	8.232	76.13
OC	Lindane	10	0	6.186	3.635	1.168	13.081
	Heptachlor	10	0	53.823	100.379	6.096	335.511
	Aldrin	10	9	0.067	0.055	<0.1	0.223
	gamma-Chlordane	10	0	6.226	9.400	0.303	29.063
	alpha-Chlordane	10	0	3.856	6.221	0.262	19.258
	p,p'-DDE	10	0	0.359	0.142	0.192	0.591
	Dieldrin	10	7	0.364	0.551	<0.1	1.563
	Endrin	10	2	1.6	1.027	<0.1	3.262
	p,p'-DDT	10	7	0.175	0.266	<0.1	0.882
	Sum of OC Pesticides	10	0	72.531	102.893	16.542	357.631
PCB	2-Chlorobiphenyl	10	0	3.822	4.591	0.66	16.639
	4-Chlorobiphenyl	10	2	0.366	0.341	<0.04	1.194
	2,6-Dichlorobiphenyl	10	0	7.81	12.565	1.055	39.34
	4,4'-Dichlorobiphenyl	10	5	2.382	6.703	<0.04	21.432
	2,4,4'-Trichlorobiphenyl	10	3	15.55	40.343	<0.04	130.033
	2,2'5,5'-Tetrachlorobiphenyl	10	0	6.451	8.978	0.692	25.909
	2,2'3,5'-Tetrachlorobiphenyl	10	0	3.562	5.856	0.136	17.342
	2,3',4',5-Tetrachlorobiphenyl	10	0	2.653	5.306	0.056	16.699
	3,3'4,4'-Tetrachlorobiphenyl	10	3	0.048	0.021	<0.04	0.077
	2,2'3,5'6-Pentachlorobiphenyl	10	0	4.441	11.866	0.066	38.167
	2,2'4,5,5'-Pentachlorobiphenyl	10	0	5.208	14.687	0.05	46.984
	2,2'3,4,5'-Pentachlorobiphenyl	10	1	2.326	6.438	<0.04	20.637
	2,3,3'4',6-Pentachlorobiphenyl	10	0	4.897	13.439	0.143	43.131
	2,3'4,4',5-Pentachlorobiphenyl	10	1	2.128	6.064	<0.04	19.38
	2,3,3',4,4'-Pentachlorobiphenyl	10	3	0.579	1.522	<0.04	4.907
	3,3'4,4'5-Pentachlorobiphenyl	10	8	0.025	0.010	<0.04	0.047
	2,2',4,4'5,5'-Hexachlorobiphenyl	10	1	1.25	3.263	<0.04	10.531
	2,2',3,4,4',5'-Hexachlorobiphenyl	10	6	0.882	2.614	<0.04	8.32
	3,3'4,4',5,5'-Hexachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	10	7	0.074	0.147	<0.04	0.489
	Sum of Target PCB	10	0	64.372	99.813	5.707	257.852
Ph	Pentachlorophenol	10	0	2.711	5.267	0.463	17.608
	Nonylphenols	10	0	203.107	134.981	51.99	527.454
	Bisphenol-A	10	2	0.734	0.594	<0.1	1.805
	Sum of Phenols	10	0	206.542	135.921	52.783	529.013
HA	2,4-D	10	4	0.17	0.136	<0.1	0.474

* --- B2 PAH

Table E-2. Summary Statistics for Phase 1 Data: Outdoor Air Sample, ng/m

Compound Class	Compound	N	N_BDL	MEAN	STANDARD DEVIATION	MIN	MAX
PAH	Naphthalene	10	0	85.419	66.785	22.027	263.198
	Biphenyl	10	0	9.028	4.422	3.215	16.927
	Acenaphthylene	10	0	1.603	1.033	0.475	4.064
	Acenaphthene	10	0	3.428	2.236	1.237	8.849
	Fluorene	10	0	3.834	1.831	2.27	7.767
	Phenanthrene	10	0	7.142	4.034	3.455	15.987
	Anthracene	10	0	0.256	0.116	0.106	0.433
	Fluoranthene	10	0	0.83	0.403	0.416	1.462
	Pyrene	10	0	0.628	0.392	0.302	1.528
	Cyclopenta[c,d]pyrene	10	9	0.023	0.058	<0.01	0.188
	Benz[a]anthracene*	10	0	0.045	0.024	0.022	0.087
	Chrysene*	10	1	0.063	0.043	<0.01	0.138
	Benzo[b]fluoranthene*	10	0	0.105	0.050	0.05	0.228
	Benzo[k]fluoranthene*	10	0	0.038	0.020	0.019	0.08
	Benzo[e]pyrene	10	0	0.058	0.029	0.022	0.122
	Benzo[a]pyrene*	10	0	0.028	0.016	0.013	0.057
	Indeno[1,2,3-c,d]pyrene*	10	0	0.058	0.031	0.022	0.133
	Dibenzo[a,h]anthracene*	10	3	0.014	0.007	<0.01	0.021
	Benzo[g,h,i]perylene	10	0	0.073	0.045	0.028	0.184
	Coronene	10	2	0.039	0.030	<0.01	0.109
	Sum of B2 PAH	10	0	0.349	0.163	0.153	0.705
	Sum of Target PAH	10	0	112.705	78.221	35.095	316.967
PE	Dibutylphthalate	10	0	112.283	52.752	51.643	191.099
	Benzylbutylphthalate	10	0	129.513	222.522	15.826	733.029
	Sum of Phthalate Esters	10	0	241.796	247.444	73.309	875.851
OP	Diazinon	10	1	1.987	1.336	<0.1	4.329
	Chlorpyrifos	10	0	7.918	9.186	0.755	25.679
	Sum of OP Pesticides	10	0	9.9	10.126	0.755	30.007
OC	Lindane	10	0	4.574	1.637	2.03	7.225
	Heptachlor	10	0	4.035	1.824	1.613	6.405
	Aldrin	10	9	0.143	0.295	<0.1	0.984
	gamma-Chlordane	10	0	0.342	0.216	0.174	0.892
	alpha-Chlordane	10	0	0.268	0.109	0.166	0.503
	p,p'-DDE	10	3	0.177	0.136	<0.1	0.459
	Dieldrin	10	10	<0.1	0.000	<0.1	<0.1
	Endrin	10	6	0.729	0.926	<0.04	2.194
	p,p'-DDT	10	10	<0.1	0.000	<0.1	<0.1
	Sum of OC Pesticides	10	0	10.182	3.403	4.258	15.485
PCB	2-Chlorobiphenyl	10	0	1.489	1.081	0.289	3.496
	4-Chlorobiphenyl	10	1	0.311	0.254	<0.04	0.765
	2,6-Dichlorobiphenyl	10	2	1.53	1.754	<0.04	5.878
	4,4'-Dichlorobiphenyl	10	4	0.132	0.121	<0.04	0.337
	2,4,4'-Trichlorobiphenyl	10	0	1.523	0.721	0.654	2.835
	2,2'5,5'-Tetrachlorobiphenyl	10	0	1.667	0.314	1.241	2.355
	2,2'3,5'-Tetrachlorobiphenyl	10	0	0.766	0.622	0.317	2.299
	2,3',4',5-Tetrachlorobiphenyl	10	0	0.303	0.071	0.184	0.415
	3,3'4,4'-Tetrachlorobiphenyl	10	0	0.093	0.040	0.045	0.168
	2,2'3,5'6-Pentachlorobiphenyl	10	0	0.384	0.168	0.142	0.676
	2,2'4,5,5'-Pentachlorobiphenyl	10	0	0.236	0.143	0.052	0.521
	2,2'3,4,5'-Pentachlorobiphenyl	10	5	0.05	0.048	<0.04	0.175
	2,3,3'4',6-Pentachlorobiphenyl	10	0	0.38	0.132	0.233	0.598
	2,3'4,4',5-Pentachlorobiphenyl	10	1	0.131	0.067	<0.04	0.251
	2,3,3',4,4'-Pentachlorobiphenyl	10	6	0.053	0.048	<0.04	0.151
	3,3'4,4'5-Pentachlorobiphenyl	10	8	0.029	0.023	<0.04	0.091
	2,2',4,4'5,5'-Hexachlorobiphenyl	10	4	0.087	0.059	<0.04	0.153
	2,2',3,4,4',5'-Hexachlorobiphenyl	10	7	0.041	0.038	<0.04	0.131
	3,3'4,4',5,5'-Hexachlorobiphenyl	10	8	0.036	0.034	<0.04	0.104
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	Sum of Target PCB	10	0	9.15	2.584	6.441	15.544
Ph	Pentachlorophenol	10	0	0.376	0.090	0.247	0.499
	Nonylphenols	10	0	72.259	31.809	31.287	110.995
	Bisphenol-A	10	1	0.884	0.866	<0	2.502
	Sum of Phenols	10	0	73.515	32.000	31.573	112.743
HA	2,4-D	10	3	0.253	0.170	<0.1	0.544

* --- B2 PAH

Table E-3. Summary Statistics for Phase 1 Data: House Dust HVS3 Vacuum Sample, ppm

Compound Class	Compound	N	N_BDL	MEAN	STANDARD DEVIATION	MIN	MAX
PAH	Naphthalene	11	0	0.008	0.008	0.001	0.026
	Biphenyl	11	0	0.004	0.002	0.001	0.008
	Acenaphthylene	11	0	0.006	0.005	0.001	0.018
	Acenaphthene	11	0	0.013	0.014	<0.001	0.05
	Fluorene	11	0	0.01	0.006	0.004	0.019
	Phenanthrene	11	0	0.263	0.276	0.049	0.875
	Anthracene	11	0	0.024	0.022	0.007	0.076
	Fluoranthene	11	0	0.502	0.583	0.077	1.827
	Pyrene	11	0	0.402	0.460	0.066	1.457
	Cyclopenta[c,d]pyrene	11	0	0.057	0.054	0.011	0.146
	Benz[a]anthracene*	11	0	0.195	0.204	0.031	0.562
	Chrysene*	11	0	0.374	0.460	0.036	1.213
	Benzo[b]fluoranthene*	11	0	0.416	0.522	0.025	1.289
	Benzo[k]fluoranthene*	11	0	0.137	0.171	0.007	0.433
	Benzo[e]pyrene	11	0	0.225	0.272	0.015	0.662
	Benzo[a]pyrene*	11	0	0.292	0.303	0.015	0.82
	Indeno[1,2,3-c,d]pyrene*	11	0	0.206	0.296	0.002	0.786
	Dibenzo[a,h]anthracene*	11	0	0.054	0.072	0.003	0.207
	Benzo[g,h,i]perylene	11	1	0.198	0.279	<0.001	0.725
	Coronene	11	0	0.053	0.084	0.001	0.206
	Sum of B2 PAH	11	0	1.673	2.003	0.13	5.287
	Sum of Target PAH	11	0	3.437	3.832	0.388	9.985
PE	Dibutylphthalate	11	0	18.381	11.669	1.577	46.257
	Benzylbutylphthalate	11	0	67.716	47.527	15.106	174.585
	Sum of Phthalate Esters	11	0	86.097	55.764	22.882	220.842
OP	Diazinon	11	0	0.223	0.228	0.041	0.799
	Chlorpyrifos	11	0	0.578	0.355	0.032	1.231
	Sum of OP Pesticides	11	0	0.801	0.455	0.096	1.552
OC	Lindane	11	0	0.013	0.009	0.004	0.034
	Heptachlor	11	0	0.253	0.367	0.02	1.234
	Aldrin	11	0	0.014	0.011	0.002	0.037
	gamma-Chlordane	11	0	0.234	0.232	0.016	0.689
	alpha-Chlordane	11	0	0.148	0.180	0.01	0.565
	p,p'-DDE	11	0	0.101	0.067	0.03	0.254
	Dieldrin	11	0	0.5	0.524	0.014	1.474
	Endrin	11	0	0.071	0.066	0.011	0.228
	p,p'-DDT	11	0	0.073	0.054	0.016	0.211
	Sum of OC Pesticides	11	0	1.407	0.798	0.597	3.616
PCB	2-Chlorobiphenyl	11	9	0.001	0.001	<0.002	0.003
	4-Chlorobiphenyl	11	11	<0.002	0.000	<0.002	<0.002
	2,6-Dichlorobiphenyl	11	6	0.007	0.012	<0.002	0.042
	4,4'-Dichlorobiphenyl	11	6	0.015	0.040	<0.002	0.134
	2,4,4'-Trichlorobiphenyl	11	2	0.136	0.352	<0.002	1.194
	2,2'5,5'-Tetrachlorobiphenyl	11	0	0.18	0.266	0.008	0.737
	2,2'3,5'-Tetrachlorobiphenyl	11	1	0.126	0.176	<0.002	0.456
	2,3',4',5-Tetrachlorobiphenyl	11	5	0.087	0.132	<0.002	0.353
	3,3'4,4'-Tetrachlorobiphenyl	11	2	0.01	0.009	<0.002	0.027
	2,2'3,5'6-Pentachlorobiphenyl	11	1	0.497	1.079	<0.002	2.842
	2,2'4,5,5'-Pentachlorobiphenyl	11	1	0.852	1.867	<0.002	4.903
	2,2'3,4,5'-Pentachlorobiphenyl	11	4	0.452	0.985	<0.002	2.587
	2,3,3'4',6-Pentachlorobiphenyl	11	3	1.021	2.230	<0.002	5.858
	2,3'4,4',5-Pentachlorobiphenyl	11	2	0.524	1.139	<0.002	3.004
	2,3,3',4,4'-Pentachlorobiphenyl	11	2	0.157	0.330	<0.002	0.868
	3,3'4,4'5-Pentachlorobiphenyl	11	2	0.066	0.092	<0.002	0.256
	2,2',4,4'5,5'-Hexachlorobiphenyl	11	1	0.194	0.390	<0.002	1.063
	2,2',3,4,4',5'-Hexachlorobiphenyl	11	2	0.454	0.978	<0.002	2.605
	3,3'4,4',5,5'-Hexachlorobiphenyl	11	0	0.067	0.049	0.011	0.174
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	11	5	0.434	0.951	<0.002	2.496
	Sum of Target PCB	11	0	5.274	10.540	0.072	28.168
Ph	Pentchlorophenol	11	0	0.124	0.083	0.041	0.271
	Nonylphenols	11	0	8.44	3.479	4.161	13.78
	Bisphenol-A	11	0	2.258	1.171	1.038	4.513
	Sum of Phenols	11	0	10.822	4.195	5.351	16.529
HA	2,4-D	11	0	0.181	0.176	0.02	0.618

* --- B2 PAH

Table E-4. Summary Statistics for Phase 1 Data: House Dust Vacuum Bag Sample, ppm

Compound Class	Compound	N	N_BDL	MEAN	STANDARD DEVIATION	MIN	MAX
PAH	Naphthalene	7	0	0.016	0.014	0.005	0.043
	Biphenyl	7	0	0.008	0.007	0.002	0.018
	Acenaphthylene	7	0	0.027	0.056	0.003	0.154
	Acenaphthene	7	0	0.073	0.140	0.004	0.388
	Fluorene	7	0	0.081	0.166	0.004	0.458
	Phenanthrene	7	0	2.657	5.811	0.155	15.818
	Anthracene	7	0	0.131	0.221	0.02	0.629
	Fluoranthene	7	0	6.018	14.014	0.255	37.782
	Pyrene	7	0	4.915	11.353	0.228	30.647
	Cyclopenta[c,d]pyrene	7	0	0.521	1.173	0.038	3.181
	Benz[a]anthracene*	7	0	1.964	4.497	0.106	12.159
	Chrysene*	7	0	3.615	8.378	0.172	22.603
	Benzo[b]fluoranthene*	7	0	4.094	9.703	0.16	26.092
	Benzo[k]fluoranthene*	7	0	1.299	3.063	0.051	8.243
	Benzo[e]pyrene	7	0	2.073	4.892	0.087	13.164
	Benzo[a]pyrene*	7	0	2.298	5.332	0.122	14.385
	Indeno[1,2,3-c,d]pyrene*	7	0	2.132	5.124	0.077	13.749
	Dibenzo[a,h]anthracene*	7	0	0.481	1.148	0.021	3.084
	Benzo[g,h,i]perylene	7	0	1.927	4.598	0.07	12.351
	Coronene	7	0	0.397	0.954	0.016	2.56
	Sum of B2 PAH	7	0	15.882	37.243	0.709	100.313
	Sum of Target PAH	7	0	34.727	80.627	1.606	217.508
PE	Dibutylphthalate	7	0	37.079	19.694	19.543	68.421
	Benzylbutylphthalate	7	0	159.327	157.814	58.84	497.339
	Sum of Phthalate Esters	7	0	196.405	172.344	81.032	556.352
OP	Diazinon	7	0	0.422	0.407	0.137	1.322
	Chlorpyrifos	7	0	1.363	1.558	0.268	4.828
	Sum of OP Pesticides	7	0	1.785	1.551	0.535	5.08
OC	Lindane	7	0	0.012	0.003	0.008	0.015
	Heptachlor	7	0	0.178	0.215	0.02	0.554
	Aldrin	7	0	0.013	0.008	0.006	0.03
	gamma-Chlordane	7	0	0.328	0.407	0.032	1.06
	alpha-Chlordane	7	0	0.176	0.246	0.018	0.685
	p,p'-DDE	7	0	0.119	0.078	0.043	0.286
	Dieldrin	7	0	1.127	0.705	0.057	1.824
	Endrin	7	0	0.067	0.017	0.043	0.089
	p,p'-DDT	7	0	0.187	0.189	0.045	0.565
	Sum of OC Pesticides	7	0	2.206	0.976	1.218	4.038
PCB	2-Chlorobiphenyl	7	5	0.004	0.006	<0.002	0.018
	4-Chlorobiphenyl	7	6	0.001	0.000	<0.002	0.001
	2,6-Dichlorobiphenyl	7	1	0.01	0.011	<0.002	0.03
	4,4'-Dichlorobiphenyl	7	3	0.012	0.013	<0.002	0.033
	2,4,4'-Trichlorobiphenyl	7	0	0.105	0.188	0.002	0.526
	2,2'5,5'-Tetrachlorobiphenyl	7	0	0.107	0.107	0.016	0.277
	2,2'3,5'-Tetrachlorobiphenyl	7	0	0.077	0.092	0.004	0.241
	2,3',4',5-Tetrachlorobiphenyl	7	0	0.036	0.040	0.002	0.119
	3,3'4,4'-Tetrachlorobiphenyl	7	3	0.006	0.007	<0.002	0.019
	2,2'3,5'6-Pentachlorobiphenyl	7	1	0.072	0.128	<0.002	0.356
	2,2'4,5,5'-Pentachlorobiphenyl	7	0	0.099	0.171	0.003	0.479
	2,2'3,4,5'-Pentachlorobiphenyl	7	2	0.045	0.082	<0.002	0.226
	2,3,3'4',6-Pentachlorobiphenyl	7	0	0.115	0.175	0.008	0.502
	2,3'4,4',5-Pentachlorobiphenyl	7	0	0.068	0.090	0.004	0.26
	2,3,3',4,4'-Pentachlorobiphenyl	7	1	0.025	0.026	<0.002	0.076
	3,3'4,4'5-Pentachlorobiphenyl	7	2	0.023	0.022	<0.002	0.066
	2,2',4,4'5,5'-Hexachlorobiphenyl	7	1	0.049	0.062	<0.002	0.178
	2,2',3,4,4',5'-Hexachlorobiphenyl	7	0	0.068	0.077	0.003	0.225
	3,3'4,4',5,5'-Hexachlorobiphenyl	7	0	0.021	0.018	0.01	0.061
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	7	1	0.077	0.095	<0.002	0.26
	Sum of Target PCB	7	0	1.016	1.150	0.12	3.15
Ph	Pentchlorophenol	7	0	0.19	0.153	0.081	0.511
	Nonylphenols	7	0	25.841	16.349	8.262	52.375
	Bisphenol-A	7	0	23.673	34.775	2.624	100.704
	Sum of Phenols	7	0	49.704	48.200	12.485	153.197

* --- B2 PAH

Table E-5. Summary Statistics for Phase 1 Data: Playground Soil Sample, ppm

Compound Class	Compound	N	N_BDL	MEAN	STANDARD DEVIATION	MIN	MAX
PAH	Naphthalene	10	0	0.011	0.005	0.007	0.022
	Biphenyl	10	0	0.004	0.002	0.002	0.006
	Acenaphthylene	10	0	0.002	0.002	<0.001	0.008
	Acenaphthene	10	0	0.023	0.041	<0.001	0.139
	Fluorene	10	0	0.01	0.023	0.001	0.076
	Phenanthrene	10	0	0.122	0.323	0.004	1.04
	Anthracene	10	0	0.019	0.049	0.001	0.157
	Fluoranthene	10	0	0.296	0.742	0.005	2.399
	Pyrene	10	0	0.245	0.613	0.004	1.982
	Cyclopenta[c,d]pyrene	10	0	0.033	0.083	0.002	0.268
	Benz[a]anthracene*	10	0	0.123	0.328	0.003	1.054
	Chrysene*	10	0	0.141	0.352	0.002	1.139
	Benzo[b]fluoranthene*	10	0	0.153	0.413	0.001	1.324
	Benzo[k]fluoranthene*	10	0	0.055	0.147	0.001	0.471
	Benzo[e]pyrene	10	0	0.082	0.217	0.001	0.696
	Benzo[a]pyrene*	10	0	0.091	0.251	0.001	0.804
	Indeno[1,2,3-c,d]pyrene*	10	0	0.064	0.190	0.001	0.603
	Dibenzo[a,h]anthracene*	10	0	0.021	0.061	<0.001	0.193
	Benzo[g,h,i]perylene	10	0	0.064	0.191	<0.001	0.607
	Coronene	10	0	0.01	0.032	<0.001	0.1
	Sum of B2 PAH	10	0	0.647	1.740	0.012	5.589
	Sum of Target PAH	10	0	1.567	4.060	0.06	13.089
PE	Dibutylphthalate	10	0	0.296	0.272	0.147	0.837
	Benzylbutylphthalate	10	0	0.16	0.141	0.064	0.435
	Sum of Phthalate Esters	10	0	0.456	0.409	0.231	1.243
OP	Diazinon	10	0	0.012	0.020	0.002	0.069
	Chlorpyrifos	10	1	0.006	0.009	<0.001	0.027
	Sum of OP Pesticides	10	0	0.019	0.027	0.004	0.088
OC	Lindane	10	3	0.004	0.004	<0.001	0.012
	Heptachlor	10	2	0.002	0.002	<0.001	0.009
	Aldrin	10	8	0.001	0.001	<0.001	0.002
	gamma-Chlordane	10	3	0.002	0.003	<0.001	0.01
	alpha-Chlordane	10	4	0.003	0.003	<0.001	0.011
	p,p'-DDE	10	3	0.007	0.010	<0.001	0.029
	Dieldrin	10	9	0.002	0.006	<0.001	0.019
	Endrin	10	8	0.002	0.003	<0.001	0.007
	p,p'-DDT	10	10	<0.002	0.000	<0.001	<0.001
	Sum of OC Pesticides	10	0	0.022	0.020	0.005	0.07
PCB	2-Chlorobiphenyl	10	8	0.001	0.000	<0.001	0.001
	4-Chlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	2,6-Dichlorobiphenyl	10	4	0.002	0.002	<0.001	0.008
	4,4'-Dichlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	2,4,4'-Trichlorobiphenyl	10	7	0.001	0.000	<0.001	0.001
	2,2'5,5'-Tetrachlorobiphenyl	10	4	0.003	0.003	<0.001	0.01
	2,2'3,5'-Tetrachlorobiphenyl	10	9	0.001	0.000	<0.001	0.001
	2,3',4',5-Tetrachlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	3,3'4,4'-Tetrachlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	2,2'3,5'6-Pentachlorobiphenyl	10	8	0.001	0.000	<0.001	0.001
	2,2'4,5,5'-Pentachlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	2,2'3,4,5'-Pentachlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	2,3,3'4',6-Pentachlorobiphenyl	10	9	0.001	0.000	<0.001	0.001
	2,3'4,4',5-Pentachlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	2,3,3',4,4'-Pentachlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	3,3'4,4'5-Pentachlorobiphenyl	10	10	<0.002	0.000	<0.001	<0.001
	2,2',4,4'5,5'-Hexachlorobiphenyl	10	9	0.001	0.000	<0.001	0.001
	2,2',3,4,4',5'-Hexachlorobiphenyl	10	9	0.001	0.000	<0.001	0.001
	3,3'4,4',5,5'-Hexachlorobiphenyl	10	8	0.001	0.001	<0.001	0.003
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	10	8	0.001	0.000	<0.001	0.001
	Sum of Target PCB	10	0	0.006	0.004	0.001	0.016
Ph	Pentchlorophenol	10	0	0.005	0.002	0.002	0.009
	Nonylphenols	10	0	0.151	0.058	0.100	0.288
	Bisphenol-A	10	0	0.179	0.191	0.023	0.674
	Sum of Phenols	10	0	0.335	0.246	0.136	0.971
HA	2,4-D	10	7	0.002	0.002	<0.001	0.007

* --- B2 PAH

Table E-6. Summary Statistics for Phase 1 Data: Liquid Food Sample, ppb

Compound Class	Compound	N	N_BDL	MEAN	STANDARD DEVIATION	MIN	MAX
PAH	Naphthalene	10	0	0.251	0.044	0.19	0.34
	Biphenyl	10	0	0.078	0.014	0.06	0.11
	Acenaphthylene	10	9	0.036	0.051	<0.04	0.18
	Acenaphthene	10	7	0.607	0.957	<0.04	2.33
	Fluorene	10	5	0.046	0.030	<0.04	0.09
	Phenanthrene	10	0	0.204	0.039	0.15	0.29
	Anthracene	10	10	<0.04	0.000	<0.04	<0.04
	Fluoranthene	10	0	0.101	0.017	0.08	0.13
	Pyrene	10	6	0.033	0.017	<0.04	0.06
	Cyclopenta[c,d]pyrene	10	10	<0.04	0.000	<0.04	<0.04
	Benz[a]anthracene*	10	9	0.023	0.009	<0.04	0.05
	Chrysene*	10	10	<0.04	0.000	<0.04	<0.04
	Benzo[b]fluoranthene*	10	10	<0.04	0.000	<0.04	<0.04
	Benzo[k]fluoranthene*	10	10	<0.04	0.000	<0.04	<0.04
	Benzo[e]pyrene	10	10	<0.04	0.000	<0.04	<0.04
	Benzo[a]pyrene*	10	10	<0.04	0.000	<0.04	<0.04
	Indeno[1,2,3-c,d]pyrene*	10	10	<0.04	0.000	<0.04	<0.04
	Dibenzo[a,h]anthracene*	10	10	<0.04	0.000	<0.04	<0.04
	Benzo[g,h,i]perylene	10	10	<0.04	0.000	<0.04	<0.04
	Coronene	10	10	<0.04	0.000	<0.04	<0.04
	Sum of B2 PAH	10	8	0.062	0.123	<0.04	0.41
	Sum of Target PAH	10	0	1.377	1.176	0.53	3.31
PE	Dibutylphthalate	10	7	13.144	21.349	<0.04	51.09
	Benzylbutylphthalate	10	0	31.238	10.639	16.63	48.96
	Sum of Phthalate Esters	10	0	44.367	26.124	16.63	86.516
OP	Diazinon	10	10	<0.04	0.000	<0.04	<0.04
	Chlorpyrifos	10	5	0.097	0.095	<0.04	0.26
	Sum of OP Pesticides	10	5	0.097	0.095	<0.04	0.26
OC	Lindane	10	10	<0.04	0.000	<0.04	<0.04
	Heptachlor	9	4	0.543	0.519	<0.04	1.22
	Aldrin	9	9	<0.04	0.000	<0.04	<0.04
	gamma-Chlordane	10	6	0.208	0.465	<0.04	1.52
	alpha-Chlordane	10	7	0.062	0.085	<0.04	0.28
	p,p'-DDE	10	0	0.203	0.264	0.09	0.95
	Dieldrin	10	10	<0.08	0.000	<0.08	<0.08
	Endrin	10	10	<0.04	0.000	<0.04	<0.04
	p,p'-DDT	10	10	<0.04	0.000	<0.04	<0.04
	Sum of OC Pesticides	10	2	0.729	0.692	<0.04	2
PCB	2-chlorobiphenyl	10	9	0.026	0.019	<0.04	0.08
	4-chlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,6-dichlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	4,4'-dichlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,4,4'-trichlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'5,5'-tetrachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'3,5'-tetrachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,3',4',5-tetrachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	3,3'4,4'-tetrachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'3,5'6-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'4,5,5'-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'3,4,5'-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,3,3'4',6-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,3'4,4',5-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,3,3',4,4'-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	3,3'4,4'5-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2',4,4'5,5'-hexachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2',3,4,4',5'-hexachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	3,3'4,4',5,5'-hexachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2',3,4,4',5,5'-heptachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	Sum of Target PCB	10	10	<0.04	0.000	<0.04	<0.04
Ph	Pentchlorophenol	0	.	.	.	.	.
	Nonylphenol	10	1	6.69	2.887	<0.1	10.13
	Bisphenol-A	10	9	0.268	0.689	<0.1	2.23
	Sum of Phenols	10	1	6.913	3.083	<0.1	10.28
HA	2,4-D	10	0	1.006	0.837	0.2	2.36

* --- B2 PAH

Table E-7. Summary Statistics for Phase 1 Data: Solid Food Sample, ppb

Compound Class	Compound	N	N_BDL	MEAN	STANDARD DEVIATION	MIN	MAX
PAH	Naphthalene	10	0	0.939	1.082	0.3	3.99
	Biphenyl	10	0	0.213	0.095	0.08	0.41
	Acenaphthylene	10	5	0.252	0.366	<0.04	1.1
	Acenaphthene	10	4	0.634	0.660	<0.04	1.98
	Fluorene	10	0	0.433	0.334	0.11	1.19
	Phenanthrene	10	0	0.823	0.204	0.51	1.15
	Anthracene	10	8	0.036	0.034	<0.04	0.11
	Fluoranthene	10	0	0.299	0.132	0.17	0.54
	Pyrene	10	1	0.205	0.119	<0.04	0.43
	Cyclopenta[c,d]pyrene	10	10	<0.04	0.000	<0.04	<0.04
	Benz[a]anthracene*	10	0	0.172	0.199	0.02	0.54
	Chrysene*	10	0	0.296	0.306	0.02	0.97
	Benzo[b]fluoranthene*	10	10	<0.04	0.000	<0.04	<0.04
	Benzo[k]fluoranthene*	10	9	0.027	0.022	<0.04	0.09
	Benzo[e]pyrene	10	9	0.033	0.041	<0.04	0.15
	Benzo[a]pyrene*	10	10	<0.04	0.000	<0.04	<0.04
	Indeno[1,2,3-c,d]pyrene*	10	10	<0.04	0.000	<0.04	<0.04
	Dibenzo[a,h]anthracene*	10	10	<0.04	0.000	<0.04	<0.04
	Benzo[g,h,i]perylene	10	9	0.055	0.111	<0.04	0.37
	Coronene	10	10	<0.04	0.000	<0.04	<0.04
	Sum of B2 PAH	10	0	0.477	0.335	0.05	1.01
	Sum of Target PAH	10	0	4.326	2.207	1.87	9.15
PE	Dibutylphthalate	10	0	217.658	60.967	143.55	362.56
	Benzylbutylphthalate	10	0	24.421	29.060	4.11	101.54
	Sum of Phthalate Esters	10	0	242.078	74.676	153.516	386.998
OP	Diazinon	10	8	1.636	4.548	<0.04	14.49
	Chlorpyrifos	10	0	0.772	0.378	0.37	1.6
	Sum of OP Pesticides	10	0	2.392	4.546	0.37	15.17
OC	Lindane	10	10	<0.04	0.000	<0.04	<0.04
	Heptachlor	10	5	1.508	1.737	<0.04	4.51
	Aldrin	10	10	<0.04	0.000	<0.04	<0.04
	gamma-Chlordane	10	0	0.172	0.045	0.12	0.25
	alpha-Chlordane	10	4	0.092	0.067	<0.04	0.18
	p,p'-DDE	10	6	0.225	0.298	<0.04	0.88
	Dieldrin	10	10	<0.08	0.000	<0.08	<0.08
	Endrin	10	10	<0.04	0.000	<0.04	<0.04
	p,p'-DDT	10	9	0.101	0.256	<0.04	0.83
	Sum of OC Pesticides	10	0	2.051	1.842	0.25	5.46
PCB	2-chlorobiphenyl	10	9	0.026	0.019	<0.04	0.08
	4-chlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,6-dichlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	4,4'-dichlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,4,4'-trichlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'5,5'-tetrachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'3,5'-tetrachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,3',4',5-tetrachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	3,3'4,4'-tetrachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'3,5'6-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'4,5,5'-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2'3,4,5'-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,3,3'4',6-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,3'4,4',5-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,3,3',4,4'-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	3,3'4,4'5-pentachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2',4,4'5,5'-hexachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2',3,4,4',5'-hexachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	3,3'4,4',5,5'-hexachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	2,2',3,4,4',5,5'-heptachlorobiphenyl	10	10	<0.04	0.000	<0.04	<0.04
	Sum of Target PCB	10	10	<0.04	0.000	<0.04	<0.04
Ph	Pentchlorophenol	0	.	.	.	.	.
	Nonylphenol	10	0	43.433	13.657	22.29	62.95
	Bisphenol-A	10	1	4.245	2.297	<0.1	7.9
	Sum of Phenols	10	0	47.675	12.815	28.64	68.56
HA	2,4-D	10	0	1.354	1.053	0.26	3.14

* --- B2 PAH

Table E-8. Summary Statistics for Phase 1 Data: Indoor Air Samples by Types of Daycare Centers, ng/m3

Head Start Daycare Centers

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	0	308.882	197.107	140.071	583.534
	Biphenyl	4	0	29.487	17.096	12.044	52.841
	Acenaphthylene	4	0	2.267	0.478	1.563	2.625
	Acenaphthene	4	0	11.708	11.466	4.113	28.657
	Fluorene	4	0	4.987	0.974	3.863	6.072
	Phenanthrene	4	0	44.037	61.032	6.327	135.202
	Anthracene	4	0	1.184	1.020	0.471	2.692
	Fluoranthene	4	0	0.867	0.157	0.678	1.006
	Pyrene	4	0	0.482	0.061	0.393	0.529
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	4	0	0.110	0.035	0.073	0.145
	Chrysene*	4	0	0.113	0.027	0.081	0.147
	Benzo[b]fluoranthene*	4	0	0.151	0.012	0.136	0.165
	Benzo[k]fluoranthene*	4	0	0.081	0.015	0.062	0.098
	Benzo[e]pyrene	4	0	0.110	0.029	0.083	0.150
	Benzo[a]pyrene*	4	0	0.104	0.039	0.064	0.156
	Indeno[1,2,3-c,d]pyrene*	4	0	0.079	0.010	0.070	0.090
	Dibenzo[a,h]anthracene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	4	0	0.072	0.017	0.052	0.092
	Coronene	4	4	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	4	0	0.638	0.093	0.557	0.771
	Sum of Target PAH	4	0	404.719	234.381	170.759	689.511
PE	Dibutylphthalate	4	0	312.926	78.288	213.181	403.951
	Benzylbutylphthalate	4	0	199.729	260.523	16.813	580.794
	Sum of Phthalate Esters	4	0	512.655	330.503	229.994	984.745
OP	Diazinon	4	0	15.875	12.688	5.291	33.554
	Chlorpyrifos	4	0	13.168	6.292	8.381	21.696
	Sum of OP Pesticides	4	0	29.043	16.513	13.673	47.690
OC	Lindane	4	0	8.389	3.786	4.873	13.081
	Heptachlor	4	0	17.779	6.478	9.080	24.512
	Aldrin	4	3	0.093	0.087	<0.100	0.223
	gamma-Chlordane	4	0	11.226	13.343	0.687	29.063
	alpha-Chlordane	4	0	7.539	8.926	0.413	19.258
	p,p'-DDE	4	0	0.497	0.102	0.368	0.591
	Dieldrin	4	2	0.689	0.762	<0.100	1.563
	Endrin	4	1	1.765	1.332	<0.100	3.262
	p,p'-DDT	4	1	0.363	0.367	<0.100	0.882
	Sum of OC Pesticides	4	0	48.251	27.195	18.670	81.901
PCB	2-Chlorobiphenyl	4	0	2.084	1.151	0.660	3.160
	4-Chlorobiphenyl	4	2	0.133	0.135	<0.040	0.287
	2,6-Dichlorobiphenyl	4	0	11.124	18.822	1.186	39.340
	4,4'-Dichlorobiphenyl	4	2	5.483	10.635	<0.040	21.432
	2,4,4'-Trichlorobiphenyl	4	0	35.309	63.230	0.543	130.033
	2,2'5,5'-Tetrachlorobiphenyl	4	0	5.861	9.707	0.692	20.417
	2,2'3,5'-Tetrachlorobiphenyl	4	0	4.967	8.303	0.136	17.342
	2,3',4',5-Tetrachlorobiphenyl	4	0	2.056	3.019	0.056	6.488
	3,3'4,4'-Tetrachlorobiphenyl	4	3	0.034	0.029	<0.040	0.077
	2,2'3,5'6-Pentachlorobiphenyl	4	0	0.881	0.927	0.066	2.164
	2,2'4,5,5'-Pentachlorobiphenyl	4	0	0.619	0.774	0.050	1.746
	2,2'3,4,5'-Pentachlorobiphenyl	4	1	0.409	0.322	<0.040	0.718
	2,3,3'4',6-Pentachlorobiphenyl	4	0	0.796	0.553	0.143	1.433
	2,3'4,4',5-Pentachlorobiphenyl	4	1	0.267	0.231	<0.040	0.470
	2,3,3',4,4'-Pentachlorobiphenyl	4	2	0.086	0.106	<0.040	0.242
	3,3'4,4'5-Pentachlorobiphenyl	4	3	0.025	0.010	<0.040	0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	1	0.224	0.189	<0.040	0.437
	2,2',3,4.4',5'-Hexachlorobiphenyl	4	1	0.099	0.081	<0.040	0.194
	3,3'4,4',5.5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4.4',5,5'-Heptachlorobiphenyl	4	3	0.034	0.028	<0.040	0.076
	Sum of Target PCB	4	0	70.395	117.073	5.707	245.618
Ph	Pentachlorophenol	4	0	5.308	8.224	0.648	17.608
	Nonylphenols	4	0	291.735	163.173	152.155	527.454
	Bisphenol-A	4	2	0.556	0.663	<0.100	1.446
	Sum of Phenols	4	0	297.574	162.253	152.803	529.013
HA	2,4-D	4	3	0.094	0.088	<0.100	0.225

Table E-8. Summary Statistics for Phase 1 Data: Indoor Air Samples by Types of Daycare Centers, ng/m3

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
	Regular Daycare Centers						
PAH	Naphthalene	6	0	135.493	40.176	92.211	202.315
	Biphenyl	6	0	20.170	12.208	10.177	44.082
	Acenaphthylene	6	0	2.231	0.979	1.252	3.716
	Acenaphthene	6	0	3.333	0.864	2.135	4.648
	Fluorene	6	0	3.424	0.736	2.704	4.762
	Phenanthrene	6	0	5.569	2.646	3.648	10.815
	Anthracene	6	0	0.589	0.131	0.471	0.824
	Fluoranthene	6	0	0.457	0.082	0.361	0.568
	Pyrene	6	0	0.300	0.055	0.235	0.390
	Cyclopenta[c,d]pyrene	6	6	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	6	0	0.109	0.007	0.099	0.118
	Chrysene*	6	0	0.104	0.034	0.060	0.141
	Benzo[b]fluoranthene*	6	1	0.112	0.051	<0.040	0.156
	Benzo[k]fluoranthene*	6	1	0.081	0.031	<0.040	0.107
	Benzo[e]pyrene	6	0	0.102	0.038	0.035	0.141
	Benzo[a]pyrene*	6	0	0.103	0.035	0.054	0.153
	Indeno[1,2,3-c,d]pyrene*	6	1	0.055	0.021	<0.040	0.076
	Dibenzo[a,h]anthracene*	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	6	2	0.062	0.037	<0.040	0.104
	Coronene	6	6	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	6	0	0.553	0.177	0.246	0.703
	Sum of Target PAH	6	0	172.015	48.253	116.223	240.855
PE	Dibutylphthalate	6	0	189.860	103.253	107.810	378.288
	Benzylbutylphthalate	6	0	33.761	23.610	11.566	70.212
	Sum of Phthalate Esters	6	0	223.621	125.884	121.479	448.500
OP	Diazinon	6	0	15.937	22.956	3.749	62.448
	Chlorpyrifos	6	0	6.804	4.247	1.257	13.682
	Sum of OP Pesticides	6	0	22.741	26.493	8.232	76.130
OC	Lindane	6	0	4.718	2.952	1.168	9.801
	Heptachlor	6	0	77.852	127.981	6.096	335.511
	Aldrin	6	6	<0.100	0.000	<0.100	<0.100
	gamma-Chlordane	6	0	2.893	4.346	0.303	11.657
	alpha-Chlordane	6	0	1.401	1.946	0.262	5.325
	p,p'-DDE	6	0	0.267	0.070	0.192	0.393
	Dieldrin	6	5	0.148	0.239	<0.100	0.636
	Endrin	6	1	1.489	0.893	<0.100	2.824
	p,p'-DDT	6	6	<0.100	0.000	<0.100	<0.100
	Sum of OC Pesticides	6	0	88.717	133.517	16.542	357.631
PCB	2-Chlorobiphenyl	6	0	4.981	5.755	1.802	16.639
	4-Chlorobiphenyl	6	0	0.522	0.355	0.191	1.194
	2,6-Dichlorobiphenyl	6	0	5.600	7.549	1.055	20.933
	4,4'-Dichlorobiphenyl	6	3	0.315	0.442	<0.040	1.149
	2,4,4'-Trichlorobiphenyl	6	3	2.377	3.187	<0.040	8.086
	2,2'5,5'-Tetrachlorobiphenyl	6	0	6.844	9.386	2.104	25.909
	2,2'3,5'-Tetrachlorobiphenyl	6	0	2.625	4.210	0.571	11.189
	2,3',4',5-Tetrachlorobiphenyl	6	0	3.050	6.689	0.081	16.699
	3,3'4,4'-Tetrachlorobiphenyl	6	0	0.057	0.007	0.045	0.066
	2,2'3,5'6-Pentachlorobiphenyl	6	0	6.814	15.364	0.225	38.167
	2,2'4,5,5'-Pentachlorobiphenyl	6	0	8.268	18.969	0.200	46.984
	2,2'3,4,5'-Pentachlorobiphenyl	6	0	3.604	8.345	0.095	20.637
	2,3,3'4',6-Pentachlorobiphenyl	6	0	7.630	17.392	0.306	43.131
	2,3'4,4',5-Pentachlorobiphenyl	6	0	3.369	7.844	0.057	19.380
	2,3,3',4,4'-Pentachlorobiphenyl	6	1	0.908	1.960	<0.040	4.907
	3,3'4,4'5-Pentachlorobiphenyl	6	5	0.025	0.011	<0.040	0.047
	2,2',4,4'5,5'-Hexachlorobiphenyl	6	0	1.934	4.212	0.125	10.531
	2,2',3,4,4',5'-Hexachlorobiphenyl	6	5	1.403	3.388	<0.040	8.320
	3,3'4,4',5,5'-Hexachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	6	4	0.100	0.191	<0.040	0.489
	Sum of Target PCB	6	0	60.357	98.290	8.725	257.852
Ph	Pentachlorophenol	6	0	0.980	0.592	0.463	2.069
	Nonylphenols	6	0	144.021	79.668	51.990	219.729
	Bisphenol-A	6	0	0.853	0.573	0.278	1.805
	Sum of Phenols	6	0	145.854	80.060	52.783	222.679
HA	2,4-D	6	1	0.221	0.145	<0.100	0.474

Table E-9. Summary Statistics for Phase 1 Data: Outdoor Air Samples by Types of Daycare Centers, ng/m3

Head Start Daycare Centers

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	0	118.308	97.949	52.161	263.198
	Biphenyl	4	0	12.801	3.912	8.927	16.927
	Acenaphthylene	4	0	2.300	1.291	1.316	4.064
	Acenaphthene	4	0	4.098	3.173	2.258	8.849
	Fluorene	4	0	4.468	2.258	2.784	7.767
	Phenanthrene	4	0	7.440	3.106	4.734	11.433
	Anthracene	4	0	0.273	0.115	0.159	0.433
	Fluoranthene	4	0	0.965	0.478	0.490	1.462
	Pyrene	4	0	0.773	0.551	0.334	1.528
	Cyclopenta[c,d]pyrene	4	3	0.051	0.092	<0.010	0.188
	Benz[a]anthracene*	4	0	0.050	0.027	0.027	0.087
	Chrysene*	4	0	0.073	0.045	0.040	0.138
	Benzo[b]fluoranthene*	4	0	0.137	0.067	0.083	0.228
	Benzo[k]fluoranthene*	4	0	0.043	0.018	0.024	0.068
	Benzo[e]pyrene	4	0	0.070	0.038	0.040	0.122
	Benzo[a]pyrene*	4	0	0.031	0.019	0.016	0.057
	Indeno[1,2,3-c,d]pyrene*	4	0	0.072	0.044	0.039	0.133
	Dibenzo[a,h]anthracene*	4	0	0.017	0.003	0.013	0.020
	Benzo[g,h,i]perylene	4	0	0.096	0.063	0.049	0.184
	Coronene	4	0	0.058	0.038	0.023	0.109
	Sum of B2 PAH	4	0	0.423	0.201	0.248	0.705
	Sum of Target PAH	4	0	152.117	112.060	75.767	316.967
PE	Dibutylphthalate	4	0	145.656	48.055	79.928	191.099
	Benzylbutylphthalate	4	0	271.210	320.928	48.363	733.029
	Sum of Phthalate Esters	4	0	416.866	331.853	128.291	875.851
OP	Diazinon	4	0	2.084	1.735	0.227	4.329
	Chlorpyrifos	4	0	10.095	11.449	1.230	25.679
	Sum of OP Pesticides	4	0	12.178	12.549	3.181	30.007
OC	Lindane	4	0	5.322	1.504	3.657	7.225
	Heptachlor	4	0	4.214	1.738	2.715	6.405
	Aldrin	4	3	0.284	0.467	<0.100	0.984
	gamma-Chlordane	4	0	0.474	0.303	0.209	0 892
	alpha-Chlordane	4	0	0.336	0.127	0.210	0.503
	p,p'-DDE	4	1	0.268	0.174	<0.100	0 459
	Dieldrin	4	4	<0.100	0.000	<0.100	<0.100
	Endrin	4	3	0.315	0.531	<0.100	1.111
	p,p'-DDT	4	4	<0.100	0.000	<0.100	<0.100
	Sum of OC Pesticides	4	0	11.125	3.999	7.000	15.485
PCB	2-Chlorobiphenyl	4	0	2.230	1.144	0.850	3.496
	4-Chlorobiphenyl	4	0	0.537	0.226	0.295	0.765
	2,6-Dichlorobiphenyl	4	1	2.351	2.594	<0.040	5.878
	4,4'-Dichlorobiphenyl	4	2	0.087	0.097	<0.040	0.226
	2,4,4'-Trichlorobiphenyl	4	0	1.293	0.086	1.177	1.385
	2,2'5,5'-Tetrachlorobiphenyl	4	0	1.727	0.468	1.241	2.355
	2,2'3,5'-Tetrachlorobiphenyl	4	0	1.220	0.816	0.489	2.299
	2,3',4',5-Tetrachlorobiphenyl	4	0	0.281	0.034	0.240	0.324
	3,3'4,4'-Tetrachlorobiphenyl	4	0	0.064	0.019	0.045	0.089
	2,2'3,5'6-Pentachlorobiphenyl	4	0	0.305	0.065	0.233	0.388
	2,2'4,5,5'-Pentachlorobiphenyl	4	0	0.217	0.059	0.154	0.284
	2,2'3,4,5'-Pentachlorobiphenyl	4	2	0.037	0.023	<0.040	0.068
	2,3,3'4',6-Pentachlorobiphenyl	4	0	0.300	0.038	0.250	0.343
	2,3'4,4',5-Pentachlorobiphenyl	4	0	0.122	0.057	0.066	0.179
	2,3,3',4,4'-Penuchlorobiphenyl	4	1	0.094	0.055	<0.040	0.151
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	1	0.111	0.062	<0.040	0.153
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	4	0	10.939	3.378	7.707	15.544
Ph	Pentachlorophenol	4	0	0.369	0.100	0.260	0.499
	Nonylphenols	4	0	91.812	17.362	76.023	110.995
	Bisphenol-A	4	0	1.113	1.082	0.000	2.502
	Sum of Phenols	4	0	93.294	17.365	76.283	112.743
HA	2,4-D	4	2	0.160	0.134	<0.100	0.322

Table E-9. Summary Statistics for Phase 1 Data: Outdoor Air Samples by Types of Daycare Centers, ng/m3

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
	Regular Daycare Centers						
PAH	Naphthalene	6	0	63.492	28.804	22.027	96.455
	Biphenyl	6	0	6.513	2.654	3.215	9.959
	Acenaphthylene	6	0	1.139	0.522	0.475	1.959
	Acenaphthene	6	0	2.982	1.538	1.237	5.515
	Fluorene	6	0	3.412	1.562	2.270	6.384
	Phenanthrene	6	0	6.944	4.836	3.455	15.987
	Anthracene	6	0	0.246	0.127	0.106	0.394
	Fluoranthene	6	0	0.740	0.362	0.416	1.406
	Pyrene	6	0	0.530	0.258	0.302	1.025
	Cyclopenta[c,d]pyrene	6	6	<0.010	0.000	<0.010	<0.010
	Benz[a]anthracene*	6	0	0.041	0.023	0.022	0.084
	Chrysene*	6	1	0.056	0.044	<0.010	0.132
	Benzo[b]fluoranthene*	6	0	0.083	0.019	0.050	0.100
	Benzo[k]fluoranthene*	6	0	0.035	0.023	0.019	0.080
	Benzo[e]pyrene	6	0	0.050	0.021	0.022	0.087
	Benzo[a]pyrene*	6	0	0.027	0.016	0.013	0.055
	Indeno[1,2,3-c,d]pyrene*	6	0	0.049	0.018	0.022	0.070
	Dibenzo[a,h]anthracene*	6	3	0.012	0.008	<0.010	0.021
	Benzo[g,h,i]perylene	6	0	0.058	0.024	0.028	0.088
	Coronene	6	2	0.027	0.018	<0.010	0.043
	Sum of B2 PAH	6	0	0.300	0.127	0.153	0.517
	Sum of Target PAH	6	0	86.430	37.520	35.095	138.977
PE	Diburylphthalate	6	0	90.034	46.242	51.643	173.285
	Benzylbutylphthalate	6	0	35.049	23.696	15.826	80.619
	Sum of Phthalate Esters	6	0	125.082	57.179	73.309	199.886
OP	Diazinon	6	1	1.922	1.181	<0.100	3.398
	Chlorpyrifos	6	0	6.467	8.181	0.755	22.780
	Sum of OP Pesticides	6	0	8.381	9.119	0.755	26.178
OC	Lindane	6	0	4.076	1.649	2.030	6.653
	Heptachlor	6	0	3.915	2.033	1.613	6.286
	Aldrin	6	6	<0.100	0.000	<0.100	<0.100
	gamma-Chlordane	6	0	0.255	0.077	0.174	0.370
	alpha-Chlordane	6	0	0.224	0.076	0.166	0.372
	p,p'-DDE	6	2	0.117	0.063	<0.100	0.209
	Dieldrin	6	6	<0.100	0.000	<0.100	<0.100
	Endrin	6	3	1.005	1.071	<0.040	2.194
	p,p'-DDT	6	6	<0.100	0.000	<0.100	<0.100
	Sum of OC Pesticides	6	0	9.554	3.173	4.258	13.155
PCB	2-Chlorobiphenyl	6	0	0.995	0.766	0.289	1.966
	4-Chlorobiphenyl	6	1	0.160	0.132	<0.040	0.405
	2,6-Dichlorobiphenyl	6	1	0.983	0.777	<0.040	2.358
	4,4'-Dichlorobiphenyl	6	2	0.162	0.135	<0.040	0.337
	2,4,4'-Trichlorobiphenyl	6	0	1.677	0.927	0.654	2.835
	2,2'5,5'-Tetrachlorobiphenyl	6	0	1.627	0.203	1.263	1.791
	2,2'3,5'-Tetrachlorobiphenyl	6	0	0.462	0.145	0.317	0.699
	2,3',4',5-Tetrachlorobiphenyl	6	0	0.317	0.088	0.184	0.415
	3,3'4,4'-Tetrachlorobiphenyl	6	0	0.112	0.040	0.047	0.168
	2,2'3,5'6-Pentachlorobiphenyl	6	0	0.437	0.199	0.142	0.676
	2,2'4,5,5'-Pentachlorobiphenyl	6	0	0.248	0.185	0.052	0.521
	2,2'3,4,5'-Pentachlorobiphenyl	6	3	0.058	0.061	<0.040	0.175
	2,3,3'4',6-Pentachlorobiphenyl	6	0	0.434	0.148	0.233	0.598
	2,3'4,4',5-Pentachlorobiphenyl	6	1	0.138	0.077	<0.040	0.251
	2,3,3',4,4'-Pentachlorobiphenyl	6	5	0.027	0.016	<0.040	0.060
	3,3'4,4'5-Pentachlorobiphenyl	6	4	0.036	0.029	<0.040	0.091
	2,2',4,4'5,5'-Hexachlorobiphenyl	6	3	0.071	0.056	<0.040	0.125
	2,2',3,4,4',5'-Hexachlorobiphenyl	6	3	0.056	0.045	<0.040	0.131
	3,3'4,4',5,5'-Hexachlorobiphenyl	6	4	0.047	0.042	<0.040	0.104
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	6	0	7.958	0.953	6.441	9.415
Ph	Pentachlorophenol	6	0	0.381	0.092	0.247	0.475
	Nonylphenols	6	0	59.224	33.626	31.287	105.226
	Bisphenol-A	6	1	0.732	0.759	<0.000	2.077
	Sum of Phenols	6	0	60.328	33.773	31.573	106.573
HA	2,4-D	6	1	0.315	0.173	<0.100	0.544

Table E-10. Summary Statistics for Phase 1 Data: Floor Dust (HVS3) Samples by Types of Daycare Centers, ppm

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
	Head Start Daycare Centers						
PAH	Naphthalene	4	0	0.015	0.009	0.003	0.026
	Biphenyl	4	0	0.006	0.003	0.002	0.008
	Acenaphthylene	4	0	0.007	0.007	0.002	0.018
	Acenaphthene	4	0	0.025	0.017	0.009	0.050
	Fluorene	4	0	0.015	0.008	0.004	0.019
	Phenanthrene	4	0	0.476	0.358	0.049	0.875
	Anthracene	4	0	0.044	0.029	0.008	0.076
	Fluoranthene	4	0	0.686	0.783	0.077	1.827
	Pyrene	4	0	0.559	0.619	0.069	1.457
	Cyclopenta[c,d]pyrene	4	0	0.070	0.055	0.016	0.145
	Benz[a]anthracene*	4	0	0.235	0.193	0.036	0.491
	Chrysene*	4	0	0.451	0.519	0.066	1.213
	Benzo[b]fluoranthene*	4	0	0.420	0.496	0.064	1.154
	Benzo[k]fluoranthene*	4	0	0.135	0.158	0.019	0.369
	Benzo[e]pyrene	4	0	0.232	0.266	0.042	0.627
	Benzo[a]pyrene*	4	0	0.299	0.264	0.098	0.688
	Indeno[1,2,3-c,d]pyrene*	4	0	0.177	0.207	0.013	0.480
	Dibenzo[a,h]anthracene*	4	0	0.046	0.044	0.008	0.109
	Benzo[g,h,i]perylene	4	0	0.181	0.215	0.015	0.497
	Coronene	4	0	0.041	0.064	0.001	0.136
	Sum of B2 PAH	4	0	1.762	1.871	0.303	4.504
	Sum of Target PAH	4	0	4.117	4.066	0.600	9.985
PE	Dibutylphthalate	4	0	18.732	0.483	18.284	19.227
	Benzylbutylphthalate	4	0	35.945	11.167	19.334	42.954
	Sum of Phthalate Esters	4	0	54.677	10.966	38.398	61.238
OP	Diazinon	4	0	0.266	0.092	0.133	0.344
	Chlorpyrifos	4	0	0.671	0.257	0.491	1.045
	Sum of OP Pesticides	4	0	0.937	0.310	0.623	1.349
OC	Lindane	4	0	0.018	0.014	0.005	0.034
	Heptachlor	4	0	0.109	0.034	0.073	0.148
	Aldrin	4	0	0.019	0.012	0.010	0.037
	gamma-Chlordane	4	0	0.362	0.304	0.068	0.689
	alpha-Chlordane	4	0	0.266	0.251	0.033	0.565
	p,p'-DDE	4	0	0.064	0.051	0.030	0.140
	Dieldrin	4	0	0.109	0.091	0.014	0.211
	Endrin	4	0	0.115	0.086	0.034	0.228
	p,p'-DDT	4	0	0.113	0.071	0.050	0.211
	Sum of OC Pesticides	4	0	1.174	0.439	0.597	1.665
PCB	2-Chlorobiphenyl	4	2	0.002	0.001	<0.002	0.003
	4-Chlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002
	2,6-Dichlorobiphenyl	4	2	0.015	0.019	<0.002	0.042
	4,4'-Dichlorobiphenyl	4	2	0.036	0.066	<0.002	0.134
	2,4,4'-Trichlorobiphenyl	4	1	0.335	0.574	<0.002	1.194
	2,2'5,5'-Tetrachlorobiphenyl	4	0	0.116	0.124	0.025	0.298
	2,2'3,5'-Tetrachlorobiphenyl	4	0	0.123	0.143	0.025	0.334
	2,3',4',5-Tetrachlorobiphenyl	4	1	0.069	0.070	<0.002	0.166
	3,3'4,4'-Tetrachlorobiphenyl	4	0	0.017	0.009	0.005	0.027
	2,2'3,5'6-Pentachlorobiphenyl	4	0	0.021	0.025	0.004	0.058
	2,2'4,5,5'-Pentachlorobiphenyl	4	0	0.023	0.024	0.008	0.059
	2,2'3,4,5'-Pentachlorobiphenyl	4	1	0.021	0.017	<0.002	0.037
	2,3,3'4',6-Pentachlorobiphenyl	4	0	0.034	0.023	0.014	0.067
	2,3'4,4',5-Pentachlorobiphenyl	4	0	0.022	0.012	0.008	0.038
	2,3,3',4,4'-Pentachlorobiphenyl	4	0	0.017	0.010	0.011	0.032
	3,3'4,4'5-Pentachlorobiphenyl	4	1	0.036	0.045	<0.002	0.101
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	0	0.036	0.023	0.011	0.064
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	0	0.025	0.016	0.009	0.042
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	0	0.092	0.069	0.014	0.174
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	2	0.012	0.013	<0.002	0.025
	Sum of Target PCB	4	0	1.046	1.167	0.143	2.759
Ph	Pentachlorophenol	4	0	0.132	0.099	0.047	0.271
	Nonylphenols	4	0	9.308	4.552	4.161	13.780
	Bisphenol-A	4	0	1.677	0.512	1.144	2.212
	Sum of Phenols	4	0	11.116	4.733	5.351	15.253
HA	2,4-D	4	0	0.106	0.095	0.020	0.235

Table E-10. *Summary Statistics for Phase 1 Data: Floor Dust (HVS3) Samples by Types of Daycare Centers, ppm*

Regular Daycare Centers

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	7	0	0.005	0.003	0.001	0.009
	Biphenyl	7	0	0.003	0.001	0.001	0.005
	Acenaphthylene	7	0	0.005	0.004	0.001	0.010
	Acenaphthene	7	0	0.005	0.004	0.000	0.011
	Fluorene	7	0	0.007	0.002	0.004	0.011
	Phenanthrene	7	0	0.142	0.124	0.050	0.330
	Anthracene	7	0	0.013	0.005	0.007	0.020
	Fluoranthene	7	0	0.397	0.473	0.082	1.141
	Pyrene	7	0	0.312	0.369	0.066	0.898
	Cyclopenta[c,d]pyrene	7	0	0.050	0.056	0.011	0.146
	Benz[a]anthracene*	7	0	0.172	0.221	0.031	0.562
	Chrysene*	7	0	0.331	0.461	0.036	1.190
	Benzo[b]fluoranthene*	7	0	0.413	0.576	0.025	1.289
	Benzo[k]fluoranthene*	7	0	0.138	0.190	0.007	0.433
	Benzo[e]pyrene	7	0	0.220	0.297	0.015	0.662
	Benzo[a]pyrene*	7	0	0.287	0.344	0.015	0.820
	Indeno[1,2,3-c,d]pyrene*	7	0	0.222	0.352	0.002	0.786
	Dibenzo[a,h]anthracene*	7	0	0.059	0.087	0.003	0.207
	Benzo[g,h,i]perylene	7	1	0.208	0.325	<0.001	0.725
	Coronene	7	0	0.059	0.098	0.001	0.206
	Sum of B2 PAH	7	0	1.622	2.220	0.130	5.287
	Sum of Target PAH	7	0	3.048	3.966	0.388	9.421
PE	Dibutylphthalate	7	0	18.180	15.056	1.577	46.257
	Benzylbutylphthalate	7	0	85.871	51.429	15.106	174.585
	Sum of Phthalate Esters	7	0	104.050	63.941	22.882	220.842
OP	Diazinon	7	0	0.199	0.283	0.041	0.799
	Chlorpyrifos	7	0	0.524	0.410	0.032	1.231
	Sum of OP Pesticides	7	0	0.723	0.527	0.096	1.552
OC	Lindane	7	0	0.010	0.004	0.004	0.015
	Heptachlor	7	0	0.336	0.450	0.020	1.234
	Aldrin	7	0	0.011	0.010	0.002	0.032
	gamma-Chlordane	7	0	0.162	0.162	0.016	0.484
	alpha-Chlordane	7	0	0.081	0.088	0.010	0.264
	p,p'-DDE	7	0	0.122	0.069	0.056	0.254
	Dieldrin	7	0	0.723	0.542	0.080	1.474
	Endrin	7	0	0.046	0.040	0.011	0.132
	p,p'-DDT	7	0	0.050	0.024	0.016	0.081
	Sum of OC Pesticides	7	0	1.540	0.954	0.761	3.616
PCB	2-Chlorobiphenyl	7	7	<0.002	0.000	<0.002	<0.002
	4-Chlorobiphenyl	7	7	<0.002	0.000	<0.002	<0.002
	2,6-Dichlorobiphenyl	7	4	0.003	0.003	<0.002	0.009
	4,4'-Dichlorobiphenyl	7	4	0.004	0.004	<0.002	0.012
	2,4,4'-Trichlorobiphenyl	7	1	0.022	0.017	<0.002	0.046
	2,2'5,5'-Tetrachlorobiphenyl	7	0	0.216	0.326	0.008	0.737
	2,2'3,5'-Tetrachlorobiphenyl	7	1	0.128	0.204	<0.002	0.456
	2,3',4',5-Tetrachlorobiphenyl	7	4	0.098	0.162	<0.002	0.353
	3,3'4,4'-Tetrachlorobiphenyl	7	2	0.006	0.006	<0.002	0.015
	2,2'3,5'6-Pentachlorobiphenyl	7	1	0.769	1.305	<0.002	2.842
	2,2'4,5,5'-Pentachlorobiphenyl	7	1	1.325	2.256	<0.002	4.903
	2,2'3,4,5'-Pentachlorobiphenyl	7	3	0.698	1.192	<0.002	2.587
	2,3,3'4',6-Pentachlorobiphenyl	7	3	1.584	2.696	<0.002	5.858
	2,3'4,4',5-Pentachlorobiphenyl	7	2	0.812	1.378	<0.002	3.004
	2,3,3',4,4'-Pentachlorobiphenyl	7	2	0.236	0.401	<0.002	0.868
	3,3'4,4'5-Pentachlorobiphenyl	7	1	0.083	0.110	<0.002	0.256
	2,2',4,4'5,5'-Hexachlorobiphenyl	7	1	0.284	0.477	<0.002	1.063
	2,2',3,4,4',5'-Hexachlorobiphenyl	7	2	0.700	1.183	<0.002	2.605
	3,3'4,4',5,5'-Hexachlorobiphenyl	7	0	0.053	0.031	0.011	0.093
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	7	3	0.676	1.150	<0.002	2.496
	Sum of Target PCB	7	0	7.691	12.874	0.072	28.168
Ph	Pentachlorophenol	7	0	0.120	0.081	0.041	0.229
	Nonylphenols	7	0	7.944	3.004	4.433	12.203
	Bisphenol-A	7	0	2.591	1.342	1.038	4.513
	Sum of Phenols	7	0	10.655	4.246	5.511	16.529
HA	2,4-D	7	0	0.224	0.203	0.024	0.618

Table E-11. Summary Statistics for Phase 1 Data: Floor Dust (Vacuum Bag) Samples by Types of Daycare Centers, ppm

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
	Head Start Daycare Centers						
PAH	Naphthalene	3	0	0.010	0.006	0.006	0.016
	Biphenyl	3	0	0.003	0.001	0.002	0.004
	Acenaphthylene	3	0	0.006	0.005	0.003	0.012
	Acenaphthene	3	0	0.017	0.021	0.004	0.041
	Fluorene	3	0	0.018	0.013	0.009	0.032
	Phenanthrene	3	0	0.577	0.451	0.155	1.053
	Anthracene	3	0	0.052	0.030	0.020	0.078
	Fluoranthene	3	0	0.807	0.698	0.255	1.591
	Pyrene	3	0	0.642	0.522	0.228	1.229
	Cyclopenta[c,d]pyrene	3	0	0.084	0.046	0.039	0.130
	Benz[a]anthracene*	3	0	0.282	0.167	0.106	0.438
	Chrysene*	3	0	0.531	0.465	0.172	1.057
	Benzo[b]fluoranthene*	3	0	0.484	0.377	0.160	0.898
	Benzo[k]fluoranthene*	3	0	0.159	0.119	0.051	0.287
	Benzo[e]pyrene	3	0	0.256	0.200	0.087	0.477
	Benzo[a]pyrene*	3	0	0.307	0.194	0.122	0.509
	Indeno[1,2,3-c,d]pyrene*	3	0	0.216	0.162	0.077	0.394
	Dibenzo[a,h]anthracene*	3	0	0.055	0.033	0.021	0.087
	Benzo[g,h,i]perylene	3	0	0.207	0.163	0.070	0.387
	Coronene	3	0	0.042	0.033	0.019	0.080
	Sum of B2 PAH	3	0	2.035	1.504	0.709	3.669
	Sum of Target PAH	3	0	4.755	3.297	1.606	8.182
PE	Dibutylphthalate	3	0	29.901	9.994	22.192	41.192
	Benzylbutylphthalate	3	0	81.415	28.732	58.840	113.757
	Sum of Phthalate Esters	3	0	111.316	29.551	81.032	140.075
OP	Diazinon	3	0	0.633	0.616	0.137	1.322
	Chlorpyrifos	3	0	0.790	0.161	0.605	0.903
	Sum of OP Pesticides	3	0	1.423	0.724	0.742	2.184
OC	Lindane	3	0	0.011	0.003	0.009	0.014
	Heptachlor	3	0	0.062	0.028	0.039	0.093
	Aldrin	3	0	0.016	0.012	0.008	0.030
	gamma-Chlordane	3	0	0.416	0.558	0.081	1.060
	alpha-Chlordane	3	0	0.264	0.365	0.045	0.685
	p,p'-DDE	3	0	0.088	0.040	0.043	0.119
	Dieldrin	3	0	0.820	0.810	0.057	1.670
	Endrin	3	0	0.065	0.016	0.050	0.081
	p,p'-DDT	3	0	0.103	0.027	0.073	0.122
	Sum of OC Pesticides	3	0	1.845	0.462	1.315	2.161
PCB	2-Chlorobiphenyl	3	3	<0.002	0.000	<0.002	<0.002
	4-Chlorobiphenyl	3	3	<0.002	0.000	<0.002	<0.002
	2,6-Dichlorobiphenyl	3	1	0.005	0.004	<0.002	0.009
	4,4'-Dichlorobiphenyl	3	2	0.012	0.018	<0.002	0.033
	2,4,4'-Trichlorobiphenyl	3	0	0.182	0.298	0.006	0.526
	2,2',5,5'-Tetrachlorobiphenyl	3	0	0.090	0.122	0.016	0.230
	2,2',3,5'-Tetrachlorobiphenyl	3	0	0.096	0.125	0.020	0.241
	2,3',4',5-Tetrachlorobiphenyl	3	0	0.052	0.058	0.012	0.119
	3,3',4,4'-Tetrachlorobiphenyl	3	0	0.011	0.008	0.004	0.019
	2,2',3,5',6-Pentachlorobiphenyl	3	0	0.022	0.028	0.003	0.054
	2,2',4,5,5'-Pentachlorobiphenyl	3	0	0.028	0.036	0.005	0.069
	2,2',3,4,5'-Pentachlorobiphenyl	3	1	0.012	0.016	<0.002	0.031
	2,3,3',4',6-Pentachlorobiphenyl	3	0	0.040	0.037	0.011	0.082
	2,3',4,4',5-Pentachlorobiphenyl	3	0	0.027	0.028	0.007	0.059
	2,3,3',4,4'-Pentachlorobiphenyl	3	0	0.017	0.010	0.006	0.026
	3,3',4,4',5-Pentachlorobiphenyl	3	1	0.033	0.033	<0.002	0.066
	2,2',4,4',5,5'-Hexachlorobiphenyl	3	0	0.066	0.097	0.009	0.178
	2,2',3,4,4',5'-Hexachlorobiphenyl	3	0	0.032	0.050	0.003	0.089
	3,3',4,4',5,5'-Hexachlorobiphenyl	3	0	0.016	0.006	0.010	0.021
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	3	1	0.047	0.078	<0.002	0.137
	Sum of Target PCB	3	0	0.785	1.043	0.139	1.989
Ph	Pentachlorophenol	3	0	0.257	0.220	0.118	0.511
	Nonylphenols	3	0	23.329	25.160	8.262	52.375
	Bisphenol-A	3	0	40.932	52.445	2.624	100.704
	Sum of Phenols	3	0	64.519	77.182	12.485	153.197
HA	2,4-D	NA	NA	NA	NA	NA	NA

NA denotes not applied because 2,4-D was not measured.

Table E-11. Summary Statistics for Phase 1 Data: Floor Dust (Vacuum Bag) Samples by Types of Daycare Centers, ppm

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
	Regular Daycare Centers						
PAH	Naphthalene	4	0	0.022	0.017	0.005	0.043
	Biphenyl	4	0	0.011	0.007	0.004	0.018
	Acenaphthylene	4	0	0.043	0.074	0.004	0.154
	Acenaphthene	4	0	0.116	0.183	0.009	0.388
	Fluorene	4	0	0.129	0.220	0.004	0.458
	Phenanthrene	4	0	4.218	7.734	0.224	15.818
	Anthracene	4	0	0.190	0.293	0.032	0.629
	Fluoranthene	4	0	9.926	18.573	0.319	37.782
	Pyrene	4	0	8.120	15.021	0.285	30.647
	Cyclopenta[c,d]pyrene	4	0	0.849	1.555	0.038	3.181
	Benz[a]anthracene*	4	0	3.225	5.957	0.127	12.159
	Chrysene*	4	0	5.927	11.118	0.196	22.603
	Benzo[b]fluoranthene*	4	0	6.802	12.861	0.212	26.092
	Benzo[k]fluoranthene*	4	0	2.155	4.059	0.086	8.243
	Benzo[e]pyrene	4	0	3.436	6.486	0.109	13.164
	Benzo[a]pyrene*	4	0	3.791	7.064	0.151	14.385
	Indeno[1,2,3-c,d]pyrene*	4	0	3.569	6.787	0.104	13.749
	Dibenzo[a,h]anthracene*	4	0	0.801	1.522	0.027	3.084
	Benzo[g,h,i]perylene	4	0	3.216	6.090	0.101	12.351
	Coronene	4	0	0.664	1.264	0.016	2.560
	Sum of B2 PAH	4	0	26.268	49.366	0.902	100.313
	Sum of Target PAH	4	0	57.207	106.874	2.068	217.508
PE	Dibutylphthalate	4	0	42.462	24.879	19.543	68.421
	Benzylbutylphthalate	4	0	217.760	196.563	74.106	497.339
	Sum of Phthalate Esters	4	0	260.223	214.831	93.649	556.352
OP	Diazinon	4	0	0.264	0.009	0.251	0.273
	Chlorpyrifos	4	0	1.793	2.065	0.268	4.828
	Sum of OP Pesticides	4	0	2.057	2.056	0.535	5.080
OC	Lindane	4	0	0.012	0.003	0.008	0.015
	Heptachlor	4	0	0.266	0.261	0.020	0.554
	Aldrin	4	0	0.010	0.003	0.006	0.013
	gamma-Chlordane	4	0	0.262	0.332	0.032	0.753
	alpha-Chlordane	4	0	0.111	0.137	0.018	0.313
	p,p'-DDE	4	0	0.141	0.098	0.079	0.286
	Dieldrin	4	0	1.357	0.626	0.441	1.824
	Endrin	4	0	0.068	0.020	0.043	0.089
	p,p'-DDT	4	0	0.250	0.243	0.045	0.565
	Sum of OC Pesticides	4	0	2.477	1.239	1.218	4.038
PCB	2-Chlorobiphenyl	4	2	0.006	0.008	<0.002	0.018
	4-Chlorobiphenyl	4	3	0.001	0.000	<0.002	0.001
	2,6-Dichlorobiphenyl	4	0	0.014	0.013	0.002	0.030
	4,4'-Dichlorobiphenyl	4	1	0.013	0.012	<0.002	0.026
	2,4,4'-Trichlorobiphenyl	4	0	0.047	0.036	0.002	0.090
	2,2',5,5'-Tetrachlorobiphenyl	4	0	0.119	0.111	0.018	0.277
	2,2',3,5'-Tetrachlorobiphenyl	4	0	0.062	0.075	0.004	0.171
	2,3',4',5-Tetrachlorobiphenyl	4	0	0.024	0.023	0.002	0.056
	3,3',4,4'-Tetrachlorobiphenyl	4	3	0.002	0.001	<0.002	0.003
	2,2',3,5',6-Pentachlorobiphenyl	4	1	0.110	0.167	<0.002	0.356
	2,2',4,5,5'-Pentachlorobiphenyl	4	0	0.153	0.221	0.003	0.479
	2,2',3,4,5'-Pentachlorobiphenyl	4	1	0.070	0.106	<0.002	0.226
	2,3,3',4',6-Pentachlorobiphenyl	4	0	0.172	0.224	0.008	0.502
	2,3',4,4',5-Pentachlorobiphenyl	4	0	0.099	0.112	0.004	0.260
	2,3,3',4,4'-Pentachlorobiphenyl	4	1	0.032	0.034	<0.002	0.076
	3,3',4,4',5-Pentachlorobiphenyl	4	1	0.015	0.010	<0.002	0.026
	2,2',4,4',5,5'-Hexachlorobiphenyl	4	1	0.036	0.031	<0.002	0.077
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	0	0.096	0.089	0.034	0.225
	3,3',4,4',5,5'-Hexachlorobiphenyl	4	0	0.025	0.024	0.010	0.061
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	0	0.100	0.111	0.003	0.260
	Sum of Target PCB	4	0	1.189	1.352	0.120	3.150
Ph	Pentachlorophenol	4	0	0.140	0.082	0.081	0.259
	Nonylphenols	4	0	27.725	10.075	16.638	41.049
	Bisphenol-A	4	0	10.729	7.983	3.030	18.904
	Sum of Phenols	4	0	38.594	17.058	19.749	60.212
HA	2,4-D	NA	NA	NA	NA	NA	NA

NA denotes not applied because 2,4-D was not measured.

Table E-12. Summary Statistics for Phase 1 Data: Playground Soil Samples by Types of Daycare Centers, ppm

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
Head Start Daycare Centers							
PAH	Naphthalene	4	0	0.012	0.007	0.007	0.022
	Biphenyl	4	0	0.003	0.002	0.002	0.006
	Acenaphthylene	4	0	0.004	0.003	0.001	0.008
	Acenaphthene	4	0	0.044	0.064	0.011	0.139
	Fluorene	4	0	0.021	0.037	0.002	0.076
	Phenanthrene	4	0	0.291	0.500	0.015	1.040
	Anthracene	4	0	0.044	0.076	0.003	0.157
	Fluoranthene	4	0	0.700	1.136	0.028	2.399
	Pyrene	4	0	0.578	0.938	0.026	1.982
	Cyclopenta[c,d]pyrene	4	0	0.076	0.128	0.005	0.268
	Benz[a]anthracene*	4	0	0.294	0.507	0.012	1.054
	Chrysene*	4	0	0.333	0.539	0.015	1.139
	Benzo[b]fluoranthene*	4	0	0.374	0.635	0.011	1.324
	Benzo[k]fluoranthene*	4	0	0.133	0.226	0.004	0.471
	Benzo[e]pyrene	4	0	0.199	0.332	0.007	0.696
	Benzo[a]pyrene*	4	0	0.222	0.388	0.008	0.804
	Indeno[1,2,3-c,d]pyrene*	4	0	0.157	0.298	0.002	0.603
	Dibenzo[a,h]anthracene*	4	0	0.050	0.096	0.000	0.193
	Benzo[g,h,i]perylene	4	0	0.160	0.299	0.001	0.607
	Coronene	4	0	0.025	0.050	0.000	0.100
	Sum of B2 PAH	4	0	1.562	2.688	0.052	5.589
	Sum of Target PAH	4	0	3.717	6.258	0.167	13.089
PE	Dibutylphthalate	4	0	0.329	0.303	0.170	0.784
	Benzylbutylphthalate	4	0	0.173	0.176	0.067	0.435
	Sum of Phthalate Esters	4	0	0.502	0.479	0.247	1.219
OP	Diazinon	4	0	0.023	0.031	0.004	0.069
	Chlorpyrifos	4	1	0.006	0.009	<0.001	0.019
	Sum of OP Pesticides	4	0	0.029	0.039	0.006	0.088
OC	Lindane	4	0	0.004	0.002	0.002	0.005
	Heptachlor	4	2	0.002	0.001	<0.001	0.003
	Aldrin	4	4	<0.002	0.000	<0.001	<0.001
	gamma-Chlordane	4	3	0.001	0.001	<0.001	0.002
	alpha-Chlordane	4	3	0.002	0.002	<0.001	0.005
	p,p'-DDE	4	2	0.006	0.009	<0.001	0.020
	Dieldrin	4	4	<0.002	0.000	<0.001	<0.001
	Endrin	4	4	<0.002	0.000	<0.001	<0.001
	p,p'-DDT	4	4	<0.002	0.000	<0.001	<0.001
	Sum of OC Pesticides	4	0	0.013	0.014	0.005	0.034
PCB	2-Chlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	4-Chlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	2,6-Dichlorobiphenyl	4	3	0.001	0.000	<0.001	0.001
	4,4'-Dichlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	2,4,4'-Trichlorobiphenyl	4	3	0.001	0.000	<0.001	0.001
	2,2',5,5'-Tetrachlorobiphenyl	4	1	0.004	0.004	<0.001	0.010
	2,2',3,5'-Tetrachlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	2,3',4',5-Tetrachlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	3,3',4,4'-Tetrachlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	2,2',3,5',6-Pentachlorobiphenyl	4	2	0.001	0.000	<0.001	0.001
	2,2',4,5,5'-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	2,2',3,4,5'-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	2,3,3',4',6-Pentachlorobiphenyl	4	3	0.001	0.000	<0.001	0.001
	2,3',4,4',5-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	3,3',4,4',5-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.001	<0.001
	2,2',4,4',5,5'-Hexachlorobiphenyl	4	3	0.001	0.000	<0.001	0.001
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	3	0.001	0.000	<0.001	0.001
	3,3',4,4',5,5'-Hexachlorobiphenyl	4	3	0.001	0.001	<0.001	0.003
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	3	0.001	0.000	<0.001	0.001
	Sum of Target PCB	4	0	0.007	0.006	0.001	0.016
Ph	Pentachlorophenol	4	0	0.006	0.003	0.003	0.009
	Nonylphenols	4	0	0.185	0.083	0.100	0.288
	Bisphenol-A	4	0	0.281	0.284	0.061	0.674
	Sum of Phenols	4	0	0.471	0.367	0.187	0.971
HA	2,4-D	4	2	0.003	0.003	<0.001	0.007

Table E-12. Summary Statistics for Phase 1 Data: Playground Soil Samples by Types of Daycare Centers, ppm

Regular Daycare Centers

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	6	0	0.011	0.003	0.007	0.014
	Biphenyl	6	0	0.004	0.001	0.002	0.005
	Acenaphthylene	6	0	0.001	0.000	0.000	0.001
	Acenaphthene	6	0	0.009	0.008	0.000	0.020
	Fluorene	6	0	0.002	0.000	0.001	0.002
	Phenanthrene	6	0	0.010	0.009	0.004	0.028
	Anthracene	6	0	0.003	0.001	0.001	0.004
	Fluoranthene	6	0	0.028	0.023	0.005	0.062
	Pyrene	6	0	0.022	0.017	0.004	0.046
	Cyclopenta[c,d]pyrene	6	0	0.004	0.002	0.002	0.006
	Benz[a]anthracene*	6	0	0.010	0.007	0.003	0.020
	Chrysene*	6	0	0.013	0.010	0.002	0.024
	Benzo[b]fluoranthene*	6	0	0.006	0.005	0.001	0.014
	Benzo[k]fluoranthene*	6	0	0.003	0.002	0.001	0.006
	Benzo[e]pyrene	6	0	0.003	0.003	0.001	0.008
	Benzo[a]pyrene*	6	0	0.004	0.003	0.001	0.010
	Indeno[1,2,3-c,d]pyrene*	6	0	0.002	0.000	0.001	0.002
	Dibenzo[a,h]anthracene*	6	0	0.001	0.001	0.000	0.002
	Benzo[g,h,i]perylene	6	0	0.001	0.001	0.000	0.001
	Coronene	6	0	0.000	0.000	0.000	0.000
	Sum of B2 PAH	6	0	0.038	0.024	0.012	0.075
	Sum of Target PAH	6	0	0.134	0.078	0.060	0.255
PE	Dibutylphthalate	6	0	0.274	0.276	0.147	0.837
	Benzylbutylphthalate	6	0	0.152	0.131	0.064	0.407
	Sum of Phthalate Esters	6	0	0.425	0.402	0.231	1.243
OP	Diazinon	6	0	0.005	0.005	0.002	0.013
	Chlorpyrifos	6	0	0.007	0.010	0.002	0.027
	Sum of OP Pesticides	6	0	0.012	0.014	0.004	0.040
OC	Lindane	6	3	0.005	0.005	<0.001	0.012
	Heptachlor	6	0	0.003	0.003	0.001	0.009
	Aldrin	6	4	0.001	0.001	<0.001	0.002
	gamma-Chlordane	6	0	0.004	0.003	0.001	0.010
	alpha-Chlordane	6	1	0.004	0.004	<0.001	0.011
	p,p'-DDE	6	1	0.008	0.011	<0.001	0.029
	Dieldrin	6	5	0.004	0.008	<0.001	0.019
	Endrin	6	4	0.003	0.003	<0.001	0.007
	p,p'-DDT	6	6	<0.002	0.000	<0.001	<0.001
	Sum of OC Pesticides	6	0	0.029	0.022	0.007	0.070
PCB	2-Chlorobiphenyl	6	4	0.001	0.000	<0.001	0.001
	4-Chlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,6-Dichlorobiphenyl	6	1	0.003	0.003	<0.001	0.008
	4,4'-Dichlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,4,4'-Trichlorobiphenyl	6	4	0.001	0.000	<0.001	0.001
	2,2',5,5'-Tetrachlorobiphenyl	6	3	0.002	0.002	<0.001	0.005
	2,2',3,5'-Tetrachlorobiphenyl	6	5	0.001	0.000	<0.001	0.001
	2,3',4',5-Tetrachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	3,3',4,4'-Tetrachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,2',3,5',6-Pentachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,2',4,5,5'-Pentachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,2',3,4,5'-Pentachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,3,3',4',6-Pentachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,3',4,4',5-Pentachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,3,3',4,4'-Pentachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	3,3',4,4',5-Pentachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,2',4,4',5,5'-Hexachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	2,2',3,4,4',5'-Hexachlorobiphenyl	6	6	<0.002	0.000	<0.001	<0.001
	3,3',4,4',5,5'-Hexachlorobiphenyl	6	5	0.001	0.000	<0.001	0.001
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	6	5	0.001	0.000	<0.001	0.001
	Sum of Target PCB	6	0	0.006	0.003	0.001	0.009
Ph	Pentachlorophenol	6	0	0.005	0.002	0.002	0.006
	Nonylphenols	6	0	0.129	0.021	0.109	0.160
	Bisphenol-A	6	0	0.111	0.054	0.023	0.176
	Sum of Phenols	6	0	0.244	0.058	0.136	0.305
HA	2,4-D	6	5	0.001	0.002	<0.001	0.005

Table E-13. Summary Statistics for Phase 1 Data: Liquid Food Samples by Types of Daycare Centers, ppb

Head Start Daycare Centers

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	0	0.268	0.021	0.250	0.290
	Biphenyl	4	0	0.088	0.017	0.070	0.110
	Acenaphthylene	4	3	0.060	0.080	<0.040	0.180
	Acenaphthene	4	2	1.063	1.218	<0.040	2.330
	Fluorene	4	2	0.040	0.024	<0.040	0.070
	Phenanthrene	4	0	0.223	0.048	0.180	0.290
	Anthracene	4	4	<0.040	0.000	<0.040	<0.040
	Fluoranthene	4	0	0.105	0.006	0.100	0.110
	Pyrene	4	2	0.038	0.021	<0.040	0.060
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	4	4	<0.040	0.000	<0.040	<0.040
	Chrysene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[b]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[k]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[e]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[a]pyrene*	4	4	<0.040	0.000	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	4	4	<0.040	0.000	<0.040	<0.040
	Dibenzo[a,h]anthracene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	4	4	<0.040	0.000	<0.040	<0.040
	Coronene	4	4	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	4	4	<0.040	0.000	<0.040	<0.040
	Sum of Target PAH	4	0	1.835	1.289	0.600	3.120
PE	Dibutylphthalate	4	2	20.063	23.161	<0.040	41.220
	Benzylbutylphthalate	4	0	31.380	11.667	22.500	47.530
	Sum of Phthalate Esters	4	0	51.430	29.439	22.496	86.516
OP	Diazinon	4	4	<0.040	0.000	<0.040	<0.040
	Chlorpyrifos	4	2	0.133	0.130	<0.040	0.260
	Sum of OP Pesticides	4	2	0.133	0.130	<0.040	0.260
OC	Lindane	4	4	<0.040	0.000	<0.040	<0.040
	Heptachlor	3	1	0.693	0.613	<0.040	1.220
	Aldrin	3	3	<0.040	0.000	<0.040	<0.040
	gamma-Chlordane	4	2	0.440	0.725	<0.040	1.520
	alpha-Chlordane	4	2	0.113	0.123	<0.040	0.280
	p,p'-DDE	4	0	0.330	0.416	0.090	0.950
	Dieldrin	4	4	<0.080	0.000	<0.080	<0.080
	Endrin	4	4	<0.040	0.000	<0.040	<0.040
	p,p'-DDT	4	4	<0.040	0.000	<0.040	<0.040
	Sum of OC Pesticides	4	1	1.153	0.825	<0.040	2.000
PCB	2-Chlorobiphenyl	4	3	0.035	0.030	<0.040	0.080
	4-Chlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,6-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	4,4'-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	4	4	<0.040	0.000	<0.040	<0.040
Ph	Pentachlorophenol	0	.	.	.	.	.
	Nonylphenols	4	1	5.400	4.524	<0.100	10.130
	Bisphenol-A	4	4	<0.100	0.000	<0.100	<0.100
	Sum of Phenols	4	1	5.400	4.524	<0.100	10.130
HA	2,4-D	4	0	0.338	0.205	0.200	0.640

Table E-13. Summary Statistics for Phase 1 Data: Liquid Food Samples by Types of Daycare Centers, ppb

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
	Regular Daycare Centers						
PAH	Naphthalene	6	0	0.240	0.053	0.190	0.340
	Biphenyl	6	0	0.072	0.008	0.060	0.080
	Acenaphthylene	6	6	<0.040	0.000	<0.040	<0.040
	Acenaphthene	6	5	0.303	0.694	<0.040	1.720
	Fluorene	6	3	0.050	0.035	<0.040	0.090
	Phenanthrene	6	0	0.192	0.031	0.150	0.230
	Anthracene	6	6	<0.040	0.000	<0.040	<0.040
	Fluoranthene	6	0	0.098	0.021	0.080	0.130
	Pyrene	6	4	0.030	0.015	<0.040	0.050
	Cyclopenta[c,d]pyrene	6	6	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	6	5	0.025	0.012	<0.040	0.050
	Chrysene*	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[b]fluoranthene*	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[k]fluoranthene*	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[e]pyrene	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[a]pyrene*	6	6	<0.040	0.000	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	6	6	<0.040	0.000	<0.040	<0.040
	Dibenzo[a,h]anthracene*	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	6	6	<0.040	0.000	<0.040	<0.040
	Coronene	6	6	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	6	4	0.090	0.157	<0.040	0.410
	Sum of Target PAH	6	0	1.072	1.102	0.530	3.310
PE	Dibutylphthalate	6	5	8.532	20.849	<0.040	51.090
	Benzylbutylphthalate	6	0	31.143	11.047	16.630	48.960
	Sum of Phthalate Esters	6	0	39.657	25.335	16.630	86.382
OP	Diazinon	6	6	<0.040	0.000	<0.040	<0.040
	Chlorpyrifos	6	3	0.073	0.067	<0.040	0.180
	Sum of OP Pesticides	6	3	0.073	0.067	<0.040	0.180
OC	Lindane	6	6	<0.040	0.000	<0.040	<0.040
	Heptachlor	6	3	0.468	0.510	<0.040	1.060
	Aldrin	6	6	<0.040	0.000	<0.040	<0.040
	gamma-Chlordane	6	4	0.053	0.052	<0.040	0.130
	alpha-Chlordane	6	5	0.028	0.020	<0.040	0.070
	p,p'-DDE	6	0	0.118	0.023	0.090	0.150
	Dieldrin	6	6	<0.080	0.000	<0.080	<0.080
	Endrin	6	6	<0.040	0.000	<0.040	<0.040
	p,p'-DDT	6	6	<0.040	0.000	<0.040	<0.040
	Sum of OC Pesticides	6	1	0.447	0.464	<0.040	1.200
PCB	2-Chlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	4-Chlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,6-Dichlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	4,4'-Dichlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',5,5'-Tetrachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,5'-Tetrachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	3,3',4,4'-Tetrachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,5',6-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',4,5,5'-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,4,5'-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,3,3',4',6-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,3',4,4',5-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	3,3',4,4',5-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',4,4',5,5'-Hexachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	3,3',4,4',5,5'-Hexachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	6	6	<0.040	0.000	<0.040	<0.040
Ph	Pentachlorophenol	0	.	.	.	.	.
	Nonylphenols	6	0	7.550	0.709	6.430	8.430
	Bisphenol-A	6	5	0.413	0.890	<0.100	2.230
	Sum of Phenols	6	0	7.922	1.333	6.430	10.280
HA	2,4-D	6	0	1.452	0.799	0.390	2.360

Table E-14. Summary Statistics for Phase 1 Data: Solid Food Samples by Types of Daycare Centers, ppb

Head Start Daycare Centers

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	0	0.570	0.211	0.300	0.790
	Biphenyl	4	0	0.168	0.083	0.080	0.280
	Acenaphthylene	4	3	0.040	0.040	<0.040	0.100
	Acenaphthene	4	3	0.160	0.280	<0.040	0.580
	Fluorene	4	0	0.460	0.168	0.220	0.580
	Phenanthrene	4	0	0.813	0.245	0.510	1.110
	Anthracene	4	4	<0.040	0.000	<0.040	<0.040
	Fluoranthene	4	0	0.238	0.070	0.170	0.330
	Pyrene	4	1	0.125	0.079	<0.040	0.210
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	4	0	0.038	0.013	0.020	0.050
	Chrysene*	4	0	0.263	0.297	0.020	0.650
	Benzo[b]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[k]fluoranthene*	4	3	0.038	0.035	<0.040	0.090
	Benzo[e]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[a]pyrene*	4	4	<0.040	0.000	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	4	4	<0.040	0.000	<0.040	<0.040
	Dibenzo[a,h]anthracene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	4	4	<0.040	0.000	<0.040	<0.040
	Coronene	4	4	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	4	0	0.323	0.309	0.050	0.680
	Sum of Target PAH	4	0	2.863	1.037	1.870	4.320
PE	Dibutylphthalate	4	0	195.713	28.111	176.770	237.390
	Benzylbutylphthalate	4	0	18.473	16.224	4.110	41.470
	Sum of Phthalate Esters	4	0	214.184	43.345	187.989	278.863
OP	Diazinon	4	3	3.638	7.235	<0.040	14.490
	Chlorpyrifos	4	0	0.613	0.067	0.550	0.680
	Sum of OP Pesticides	4	0	4.235	7.290	0.550	15.170
OC	Lindane	4	4	<0.040	0.000	<0.040	<0.040
	Heptachlor	4	3	0.540	1.040	<0.040	2.100
	Aldrin	4	4	<0.040	0.000	<0.040	<0.040
	gamma-Chlordane	4	0	0.178	0.040	0.130	0.220
	alpha-Chlordane	4	1	0.113	0.067	<0.040	0.180
	p,p'-DDE	4	4	<0.040	0.000	<0.040	<0.040
	Dieldrin	4	4	<0.080	0.000	<0.080	<0.080
	Endrin	4	4	<0.040	0.000	<0.040	<0.040
	p,p'-DDT	4	4	<0.040	0.000	<0.040	<0.040
	Sum of OC Pesticides	4	0	0.813	0.967	0.250	2.260
PCB	2-Chlorobiphenyl	4	3	0.035	0.030	<0.040	0.080
	4-Chlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,6-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	4,4'-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	4	4	<0.040	0.000	<0.040	<0.040
Ph	Pentachlorophenol	0	.	.	.	.	.
	Nonylphenols	4	0	38.803	19.873	22.290	62.950
	Bisphenol-A	4	0	5.655	1.918	3.220	7.900
	Sum of Phenols	4	0	44.460	18.891	28.640	68.560
HA	2,4-D	4	0	1.293	1.348	0.280	3.140

Table E-14. Summary Statistics for Phase 1 Data: Solid Food Samples by Types of Daycare Centers, ppb

Regular Daycare Centers

Compound Class	Compound	N	N_BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	6	0	1.185	1.377	0.510	3.990
	Biphenyl	6	0	0.243	0.096	0.150	0.410
	Acenaphthylene	6	2	0.393	0.424	<0.040	1.100
	Acenaphthene	6	1	0.950	0.661	<0.040	1.980
	Fluorene	6	0	0.415	0.428	0.110	1.190
	Phenanthrene	6	0	0.830	0.197	0.640	1.150
	Anthracene	6	4	0.047	0.042	<0.040	0.110
	Fluoranthene	6	0	0.340	0.153	0.220	0.540
	Pyrene	6	0	0.258	0.114	0.160	0.430
	Cyclopenta[c,d]pyrene	6	6	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	6	0	0.262	0.216	0.040	0.540
	Chrysene*	6	0	0.318	0.338	0.040	0.970
	Benzo[b]fluoranthene*	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[k]fluoranthene*	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[e]pyrene	6	5	0.042	0.053	<0.040	0.150
	Benzo[a]pyrene*	6	6	<0.040	0.000	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	6	6	<0.040	0.000	<0.040	<0.040
	Dibenzo[a,h]anthracene*	6	6	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	6	5	0.078	0.143	<0.040	0.370
	Coronene	6	6	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	6	0	0.580	0.336	0.080	1.010
	Sum of Target PAH	6	0	5.302	2.296	3.150	9.150
PE	Dibutylphthalate	6	0	232.288	74.662	143.550	362.560
	Benzylbutylphthalate	6	0	28.387	36.263	9.840	101.540
	Sum of Phthalate Esters	6	0	260.673	88.731	153.516	386.998
OP	Diazinon	6	5	0.302	0.690	<0.040	1.710
	Chlorpyrifos	6	0	0.878	0.469	0.370	1.600
	Sum of OP Pesticides	6	0	1.163	0.885	0.370	2.700
OC	Lindane	6	6	<0.040	0.000	<0.040	<0.040
	Heptachlor	6	2	2.153	1.879	<0.040	4.510
	Aldrin	6	6	<0.040	0.000	<0.040	<0.040
	gamma-Chlordane	6	0	0.168	0.052	0.120	0.250
	alpha-Chlordane	6	3	0.078	0.070	<0.040	0.180
	p,p'-DDE	6	2	0.362	0.323	<0.040	0.880
	Dieldrin	6	6	<0.080	0.000	<0.080	<0.080
	Endrin	6	6	<0.040	0.000	<0.040	<0.040
	p,p'-DDT	6	5	0.155	0.331	<0.040	0.830
	Sum of OC Pesticides	6	0	2.877	1.872	0.480	5.460
PCB	2-Chlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	4-Chlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,6-Dichlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	4,4'-Dichlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',5,5'-Tetrachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,5'-Tetrachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	3,3',4,4'-Tetrachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,5',6-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',4,5,5'-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,4,5'-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,3,3',4',6-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,3',4,4',5-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	3,3',4,4',5-Pentachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',4,4',5,5'-Hexachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	3,3',4,4',5,5'-Hexachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	6	6	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	6	6	<0.040	0.000	<0.040	<0.040
Ph	Pentachlorophenol	0					
	Nonylphenols	6	0	46.520	8.378	33.730	57.880
	Bisphenol-A	6	1	3.305	2.154	<0.100	6.200
	Sum of Phenols	6	0	49.818	8.228	36.570	57.880
HA	2,4-D	6	0	1.395	0.949	0.260	2.470

APPENDIX F. SPEARMAN AND PEARSON CORRELATION COEFFICIENTS OF POP BETWEEN SAMPLE MEDIA

Table F-1. Spearman Correlation Coefficients between Media for B2 PAH

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.03030	-0.32121	0.04242	-0.31140	-0.17021
Indoor Air	0.0	0.9338	0.3655	0.9074	0.3811	0.6383
OA	0.03030	1.00000	0.06667	0.11515	0.41520	0.30395
Outdoor Air	0.9338	0.0	0.8548	0.7514	0.2328	0.3932
HD	-0.32121	0.06667	1.00000	0.58788	0.31140	-0.47417
Floor Dust (HVS3)	0.3655	0.8548	0.0	0.0739	0.3811	0.1662
PS	0.04242	0.11515	0.58788	1.00000	-0.33735	-0.44377
Playground Soil	0.9074	0.7514	0.0739	0.0	0.3405	0.1989
LF	-0.31140	0.41520	0.31140	-0.33735	1.00000	0.20823
Liquid Food	0.3811	0.2328	0.3811	0.3405	0.0	0.5637
SF	-0.17021	0.30395	-0.47417	-0.44377	0.20823	1.00000
Solid Food	0.6383	0.3932	0.1662	0.1989	0.5637	0.0

Table F-2. Spearman Correlation Coefficients between Media for Target PAH

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.07879	0.73333	0.76970	0.58359	-0.68485
Indoor Air	0.0	0.8287	0.0158	0.0092	0.0765	0.0289
OA	0.07879	1.00000	0.29697	0.24848	-0.05471	0.22424
Outdoor Air	0.8287	0.0	0.4047	0.4888	0.8807	0.5334
HD	0.73333	0.29697	1.00000	0.66061	0.72949	-0.27273
Floor Dust (HVS3)	0.0158	0.4047	0.0	0.0376	0.0166	0.4458
PS	0.76970	0.24848	0.66061	1.00000	0.57143	-0.73333
Playground Soil	0.0092	0.4888	0.0376	0.0	0.0844	0.0158
LF	0.58359	-0.05471	0.72949	0.57143	1.00000	-0.39514
Liquid Food	0.0765	0.8807	0.0166	0.0844	0.0	0.2584
SF	-0.68485	0.22424	-0.27273	-0.73333	-0.39514	1.00000
Solid Food	0.0289	0.5334	0.4458	0.0158	0.2584	0.0

Table F-3. Spearman Correlation Coefficients between Media for Target Phthalate Esters

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.47879	0.04242	0.16364	-0.39394	-0.64848
Indoor Air	0.0	0.1615	0.9074	0.6515	0.2600	0.0425
OA	0.47879	1.00000	-0.23636	0.47879	0.04242	-0.41818
Outdoor Air	0.1615	0.0	0.5109	0.1615	0.9074	0.2291
HD	0.04242	-0.23636	1.00000	-0.21212	-0.43030	-0.39394
Floor Dust (HVS3)	0.9074	0.5109	0.0	0.5563	0.2145	0.2600
PS	0.16364	0.47879	-0.21212	1.00000	0.22424	0.22424
Playground Soil	0.6515	0.1615	0.5563	0.0	0.5334	0.5334
LF	-0.39394	0.04242	-0.43030	0.22424	1.00000	0.47879
Liquid Food	0.2600	0.9074	0.2145	0.5334	0.0	0.1615
SF	-0.64848	-0.41818	-0.39394	0.22424	0.47879	1.00000
Solid Food	0.0425	0.2291	0.2600	0.5334	0.1615	0.0

Table F-4. Spearman Correlation Coefficients between Media for Benzylbutylphthalate

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.58788	0.04242	-0.17576	-0.85455	-0.22424
Indoor Air	0.0	0.0739	0.9074	0.6272	0.0016	0.5334
OA	0.58788	1.00000	-0.24848	0.20000	-0.40606	-0.05455
Outdoor Air	0.0739	0.0	0.4888	0.5796	0.2443	0.8810
HD	0.04242	-0.24848	1.00000	-0.00606	-0.47879	-0.44242
Floor Dust (HVS3)	0.9074	0.4888	0.0	0.9867	0.1615	0.2004
PS	-0.17576	0.20000	-0.00606	1.00000	0.15152	0.24848
Playground Soil	0.6272	0.5796	0.9867	0.0	0.6761	0.4888
LF	-0.85455	-0.40606	-0.47879	0.15152	1.00000	0.32121
Liquid Food	0.0016	0.2443	0.1615	0.6761	0.0	0.3655
SF	-0.22424	-0.05455	-0.44242	0.24848	0.32121	1.00000
Solid Food	0.5334	0.8810	0.2004	0.4888	0.3655	0.0

Table F-5. Spearman Correlation Coefficients between Media for Target OP Pesticides

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.04242	0.81818	0.39880	-0.16163	0.39394
Indoor Air	0.0	0.9074	0.0038	0.2536	0.6555	0.2600
OA	0.04242	1.00000	0.36970	0.38653	0.34265	-0.17576
Outdoor Air	0.9074	0.0	0.2931	0.2699	0.3324	0.6272
HD	0.81818	0.36970	1.00000	0.20247	-0.01940	0.39394
Floor Dust (HVS3)	0.0038	0.2931	0.0	0.5748	0.9576	0.2600
PS	0.39880	0.38653	0.20247	1.00000	-0.03272	0.17793
Playground Soil	0.2536	0.2699	0.5748	0.0	0.9285	0.6229
LF	-0.16163	0.34265	-0.01940	-0.03272	1.00000	0.43316
Liquid Food	0.6555	0.3324	0.9576	0.9285	0.0	0.2111
SF	0.39394	-0.17576	0.39394	0.17793	0.43316	1.00000
Solid Food	0.2600	0.6272	0.2600	0.6229	0.2111	0.0

Table F-6. Spearman Correlation Coefficients between Media for Chlorpyrifos

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.16364	0.47879	-0.30725	-0.12284	0.00606
Indoor Air	0.0	0.6515	0.1615	0.3878	0.7353	0.9867
OA	0.16364	1.00000	0.52727	0.27312	0.34265	-0.22424
Outdoor Air	0.6515	0.0	0.1173	0.4452	0.3324	0.5334
HD	0.47879	0.52727	1.00000	-0.14339	0.05819	0.12727
Floor Dust (HVS3)	0.1615	0.1173	0.0	0.6927	0.8731	0.7261
PS	-0.30725	0.27312	-0.14339	1.00000	-0.17481	-0.10242
Playground Soil	0.3878	0.4452	0.6927	0.0	0.6291	0.7783
LF	-0.12284	0.34265	0.05819	-0.17481	1.00000	0.40730
Liquid Food	0.7353	0.3324	0.8731	0.6291	0.0	0.2427
SF	0.00606	-0.22424	0.12727	-0.10242	0.40730	1.00000
Solid Food	0.9867	0.5334	0.7261	0.7783	0.2427	0.0

Table F-7. Spearman Correlation Coefficients between Media for Target OC Pesticides

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.24848	0.67273	-0.27356	0.47417	0.00606
Indoor Air	0.0	0.4888	0.0330	0.4444	0.1662	0.9867
OA	0.24848	1.00000	0.32121	-0.49848	0.36474	0.01818
Outdoor Air	0.4888	0.0	0.3655	0.1425	0.3001	0.9602
HD	0.67273	0.32121	1.00000	-0.01216	0.57143	0.16364
Floor Dust (HVS3)	0.0330	0.3655	0.0	0.9734	0.0844	0.6515
PS	-0.27356	-0.49848	-0.01216	1.00000	-0.45122	0.37082
Playground Soil	0.4444	0.1425	0.9734	0.0	0.1906	0.2915
LF	0.47417	0.36474	0.57143	-0.45122	1.00000	-0.10942
Liquid Food	0.1662	0.3001	0.0844	0.1906	0.0	0.7635
SF	0.00606	0.01818	0.16364	0.37082	-0.10942	1.00000
Solid Food	0.9867	0.9602	0.6515	0.2915	0.7635	0.0

Table F-8. Spearman Correlation Coefficients between Media for Target PCB

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.45455	0.57576	0.66058	.	.
Indoor Air	0.0	0.1869	0.0816	0.0376	.	.
OA	-0.45455	1.00000	0.24848	-0.48932	.	.
Outdoor Air	0.1869	0.0	0.4888	0.1512	.	.
HD	0.57576	0.24848	1.00000	0.18349	.	.
Floor Dust (HVS3)	0.0816	0.4888	0.0	0.6119	.	.
PS	0.66058	-0.48932	0.18349	1.00000	.	.
Playground Soil	0.0376	0.1512	0.6119	0.0	.	.
LF	.	.	.	.	.	.
Liquid Food	.	.	.	.	.	.
SF	.	.	.	.	.	.
Solid Food	.	.	.	.	.	.

Table F-9. Spearman Correlation Coefficients between Media for Target Phenols

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.13939	0.00606	0.09119	-0.55152	-0.13939
Indoor Air	0.0	0.7009	0.9867	0.8022	0.0984	0.7009
OA	0.13939	1.00000	0.26061	-0.02432	0.33333	-0.45455
Outdoor Air	0.7009	0.0	0.4671	0.9468	0.3466	0.1869
HD	0.00606	0.26061	1.00000	0.35259	0.23636	-0.57576
Floor Dust (HVS3)	0.9867	0.4671	0.0	0.3177	0.5109	0.0816
PS	0.09119	-0.02432	0.35259	1.00000	-0.03647	-0.30395
Playground Soil	0.8022	0.9468	0.3177	0.0	0.9203	0.3932
LF	-0.55152	0.33333	0.23636	-0.03647	1.00000	-0.32121
Liquid Food	0.0984	0.3466	0.5109	0.9203	0.0	0.3655
SF	-0.13939	-0.45455	-0.57576	-0.30395	-0.32121	1.00000
Solid Food	0.7009	0.1869	0.0816	0.3932	0.3655	0.0

Table F-10. Spearman Correlation Coefficients between Media for Bisphenol-A

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.23780	0.44985	0.07295	-0.29101	0.07903
Indoor Air	0.0	0.5082	0.1921	0.8413	0.4146	0.8282
OA	0.23780	1.00000	0.25532	0.26140	0.17461	0.07903
Outdoor Air	0.5082	0.0	0.4765	0.4657	0.6295	0.8282
HD	0.44985	0.25532	1.00000	-0.20000	-0.52223	-0.07879
Floor Dust (HVS3)	0.1921	0.4765	0.0	0.5796	0.1215	0.8287
PS	0.07295	0.26140	-0.20000	1.00000	0.05803	0.11515
Playground Soil	0.8413	0.4657	0.5796	0.0	0.8735	0.7514
LF	-0.29101	0.17461	-0.52223	0.05803	1.00000	-0.40618
Liquid Food	0.4146	0.6295	0.1215	0.8735	0.0	0.2441
SF	0.07903	0.07903	-0.07879	0.11515	-0.40618	1.00000
Solid Food	0.8282	0.8282	0.8287	0.7514	0.2441	0.0

Table F-11. Spearman Correlation Coefficients between Media for 2,4-D

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.24055	0.55652	0.08463	0.54402	-0.31265
Indoor Air	0.0	0.5032	0.0948	0.8162	0.1040	0.3791
OA	0.24055	1.00000	0.03068	0.44537	0.25155	-0.27609
Outdoor Air	0.5032	0.0	0.9330	0.1971	0.4832	0.4400
HD	0.55652	0.03068	1.00000	0.30572	0.03030	-0.06667
Floor Dust (HVS3)	0.0948	0.9330	0.0	0.3903	0.9338	0.8548
PS	0.08463	0.44537	0.30572	1.00000	-0.49960	-0.21624
Playground Soil	0.8162	0.1971	0.3903	0.0	0.1415	0.5485
LF	0.54402	0.25155	0.03030	-0.49960	1.00000	0.13939
Liquid Food	0.1040	0.4832	0.9338	0.1415	0.0	0.7009
SF	-0.31265	-0.27609	-0.06667	-0.21624	0.13939	1.00000
Solid Food	0.3791	0.4400	0.8548	0.5485	0.7009	0.0

Table F-12. Spearman Correlation Coefficients between Floor Dust (HVS3) and Floor Dust (bag)

Compound Class	COMPOUND	Number of Observations	Correlation Coefficient	P-Value
PAH	Naphthalene	7	0.03604	0.93886
	Biphenyl	7	-0.33029	0.46936
	Acenaphthylene	7	0.81084	0.02692
	Acenaphthene	7	-0.35714	0.43161
	Fluorene	7	0.55067	0.20019
	Phenanthrene	7	0.89286	0.00681
	Anthracene	7	0.85714	0.01370
	Fluoranthene	7	0.92857	0.00252
	Pyrene	7	0.89286	0.00681
	Cyclopenta[c,d]pyrene	7	1.00000	0.00000
	Benz[a]anthracene*	7	0.96429	0.00045
	Chrysene*	7	0.89286	0.00681
	Benzo[b]fluoranthene*	7	0.82143	0.02345
	Benzo[k]fluoranthene*	7	0.82143	0.02345
	Benzo[e]pyrene	7	0.82143	0.02345
	Benzo[a]pyrene*	7	0.82143	0.02345
	Indeno[1,2,3-c,d]pyrene*	7	0.82143	0.02345
	Dibenzo[a,h]anthracene*	7	0.82143	0.02345
	Benzo[g,h,i]perylene	7	0.82143	0.02345
	Coronene	7	0.59462	0.15909
	Sum of B2 PAH	7	0.82143	0.02345
	Sum of Target PAH	7	0.89286	0.00681
Phthalate Ester	Dibutylphthalate	7	0.28571	0.53451
	Benzylbutylphthalate	7	0.57143	0.18020
	Sum of Phthalate Esters	7	0.64286	0.11939
OP Pesticide	Diazinon	7	0.14415	0.75782
	Chlorpyrifos	7	0.46429	0.29393
	Sum of OP Pesticides	7	0.35714	0.43161
OC Pesticide	Lindane	7	0.14415	0.75782
	Heptachlor	7	0.85714	0.01370
	Aldrin	7	0.00000	1.00000
	gamma-Chlordane	7	0.85714	0.01370
	alpha-Chlordane	7	0.82143	0.02345
	p,p'-DDE	7	0.28571	0.53451
	Dieldrin	7	0.53571	0.21522
	Endrin	7	0.09009	0.84767
	p,p'-DDT	7	0.25000	0.58872
	Sum of OC Pesticides	7	-0.42857	0.33737
PCB	2-Chlorobiphenyl	7	-0.25459	0.58167
	4-Chlorobiphenyl	7	.	.
	2,6-Dichlorobiphenyl	7	0.56364	0.18759
	4,4'-Dichlorobiphenyl	7	0.55470	0.19623
	2,4,4'-Trichlorobiphenyl	7	0.82143	0.02345
	2,2'5,5'-Tetrachlorobiphenyl	7	0.42857	0.33737
	2,2'3,5'-Tetrachlorobiphenyl	7	0.54056	0.21029
	2,3',4',5-Tetrachlorobiphenyl	7	0.88950	0.00734
	3,3'4,4'-Tetrachlorobiphenyl	7	0.82275	0.02303
	2,2'3,5'6-Pentachlorobiphenyl	7	0.82143	0.02345
	2,2'4,5,5'-Pentachlorobiphenyl	7	0.57143	0.18020
	2,2'3,4,5'-Pentachlorobiphenyl	7	0.74545	0.05444
	2,3,3'4',6-Pentachlorobiphenyl	7	0.75000	0.05218
	2,3'4,4',5-Pentachlorobiphenyl	7	0.39286	0.38332
	2,3,3',4,4'-Pentachlorobiphenyl	7	0.45047	0.31043
	3,3'4,4'5-Pentachlorobiphenyl	7	0.45047	0.31043
	2,2',4,4'5,5'-Hexachlorobiphenyl	7	0.50000	0.25317
	2,2',3,4,4',5'-Hexachlorobiphenyl	7	0.23424	0.61316
	3,3'4,4',5,5'-Hexachlorobiphenyl	7	-0.23424	0.61316
PCB	2,2',3,4,4',5,5'-Heptachlorobiphenyl	7	0.77273	0.04167
	Sum of Target PCB	7	0.53571	0.21522
Phenols	Pentchlorophenol	7	0.85714	0.01370
	Nonylphenols	7	0.17857	0.70166
	Bisphenol-A	7	0.07143	0.87905
	Sum of Phenols	7	0.35714	0.43161

Table F-13. Pearson Correlation Coefficients between Media for B2 PAH

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.07764	-0.52089	0.14465	-0.84515	-0.25707
Indoor Air	0.0	0.8312	0.1226	0.6901	0.0021	0.4734
OA	0.07764	1.00000	-0.04681	0.11608	0.14320	0.32054
Outdoor Air	0.8312	0.0	0.8978	0.7495	0.6931	0.3665
HD	-0.52089	-0.04681	1.00000	0.40507	0.47768	-0.27903
Floor Dust (HVS3)	0.1226	0.8978	0.0	0.2456	0.1626	0.4350
PS	0.14465	0.11608	0.40507	1.00000	-0.20924	-0.59240
Playground Soil	0.6901	0.7495	0.2456	0.0	0.5618	0.0711
LF	-0.84515	0.14320	0.47768	-0.20924	1.00000	0.19426
Liquid Food	0.0021	0.6931	0.1626	0.5618	0.0	0.5907
SF	-0.25707	0.32054	-0.27903	-0.59240	0.19426	1.00000
Solid Food	0.4734	0.3665	0.4350	0.0711	0.5907	0.0

Table F-14. Pearson Correlation Coefficients between Media for Target PAH

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.02099	0.53590	0.73964	0.50530	-0.62687
Indoor Air	0.0	0.9541	0.1103	0.0145	0.1363	0.0524
OA	-0.02099	1.00000	0.12974	0.07716	-0.05235	0.23986
Outdoor Air	0.9541	0.0	0.7209	0.8322	0.8858	0.5045
HD	0.53590	0.12974	1.00000	0.46311	0.66006	-0.14310
Floor Dust (HVS3)	0.1103	0.7209	0.0	0.1777	0.0378	0.6933
PS	0.73964	0.07716	0.46311	1.00000	0.34532	-0.73154
Playground Soil	0.0145	0.8322	0.1777	0.0	0.3284	0.0162
LF	0.50530	-0.05235	0.66006	0.34532	1.00000	-0.46353
Liquid Food	0.1363	0.8858	0.0378	0.3284	0.0	0.1772
SF	-0.62687	0.23986	-0.14310	-0.73154	-0.46353	1.00000
Solid Food	0.0524	0.5045	0.6933	0.0162	0.1772	0.0

Table F-15. Pearson Correlation Coefficients between Media for Target Phthalate Esters

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.34463	0.15087	-0.08282	-0.26194	-0.62060
Indoor Air	0.0	0.3295	0.6774	0.8201	0.4647	0.0556
OA	0.34463	1.00000	-0.14248	-0.00394	-0.07025	-0.43319
Outdoor Air	0.3295	0.0	0.6946	0.9914	0.8471	0.2111
HD	0.15087	-0.14248	1.00000	0.02025	-0.41770	-0.52810
Floor Dust (HVS3)	0.6774	0.6946	0.0	0.9557	0.2297	0.1166
PS	-0.08282	-0.00394	0.02025	1.00000	0.24071	0.49380
Playground Soil	0.8201	0.9914	0.9557	0.0	0.5029	0.1469
LF	-0.26194	-0.07025	-0.41770	0.24071	1.00000	0.42840
Liquid Food	0.4647	0.8471	0.2297	0.5029	0.0	0.2167
SF	-0.62060	-0.43319	-0.52810	0.49380	0.42840	1.00000
Solid Food	0.0556	0.2111	0.1166	0.1469	0.2167	0.0

Table F-16. Pearson Correlation Coefficients between Media for Benzylbutylphthalate

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.35697	0.02902	-0.30257	-0.71042	-0.41297
Indoor Air	0.0	0.3113	0.9366	0.3955	0.0213	0.2356
OA	0.35697	1.00000	-0.34201	-0.02476	-0.22209	-0.09700
Outdoor Air	0.3113	0.0	0.3334	0.9459	0.5374	0.7898
HD	0.02902	-0.34201	1.00000	0.09682	-0.60016	-0.11837
Floor Dust (HVS3)	0.9366	0.3334	0.0	0.7902	0.0666	0.7447
PS	-0.30257	-0.02476	0.09682	1.00000	0.24902	0.70534
Playground Soil	0.3955	0.9459	0.7902	0.0	0.4878	0.0227
LF	-0.71042	-0.22209	-0.60016	0.24902	1.00000	0.33721
Liquid Food	0.0213	0.5374	0.0666	0.4878	0.0	0.3407
SF	-0.41297	-0.09700	-0.11837	0.70534	0.33721	1.00000
Solid Food	0.2356	0.7898	0.7447	0.0227	0.3407	0.0

Table F-17. Pearson Correlation Coefficients between Media for Target OP Pesticides

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.11178	0.70717	0.12314	-0.22010	0.15131
Indoor Air	0.0	0.7585	0.0222	0.7347	0.5412	0.6765
OA	0.11178	1.00000	0.46984	0.54017	0.12146	-0.10424
Outdoor Air	0.7585	0.0	0.1706	0.1070	0.7382	0.7744
HD	0.70717	0.46984	1.00000	0.17363	-0.18329	0.16962
Floor Dust (HVS3)	0.0222	0.1706	0.0	0.6314	0.6123	0.6395
PS	0.12314	0.54017	0.17363	1.00000	0.09258	0.52540
Playground Soil	0.7347	0.1070	0.6314	0.0	0.7992	0.1189
LF	-0.22010	0.12146	-0.18329	0.09258	1.00000	0.43290
Liquid Food	0.5412	0.7382	0.6123	0.7992	0.0	0.2114
SF	0.15131	-0.10424	0.16962	0.52540	0.43290	1.00000
Solid Food	0.6765	0.7744	0.6395	0.1189	0.2114	0.0

Table F-18. Pearson Correlation Coefficients between Media for Chlorpyrifos

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.11641	0.43832	-0.09788	-0.36132	-0.01979
Indoor Air	0.0	0.7488	0.2051	0.7879	0.3050	0.9567
OA	0.11641	1.00000	0.51714	0.34661	0.28829	-0.46647
Outdoor Air	0.7488	0.0	0.1258	0.3265	0.4192	0.1741
HD	0.43832	0.51714	1.00000	-0.15248	-0.05030	-0.26068
Floor Dust (HVS3)	0.2051	0.1258	0.0	0.6741	0.8903	0.4670
PS	-0.09788	0.34661	-0.15248	1.00000	-0.10376	-0.22880
Playground Soil	0.7879	0.3265	0.6741	0.0	0.7755	0.5249
LF	-0.36132	0.28829	-0.05030	-0.10376	1.00000	0.36224
Liquid Food	0.3050	0.4192	0.8903	0.7755	0.0	0.3036
SF	-0.01979	-0.46647	-0.26068	-0.22880	0.36224	1.00000
Solid Food	0.9567	0.1741	0.4670	0.5249	0.3036	0.0

Table F-19. Pearson Correlation Coefficients between Media for Target OC Pesticides

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.31610	0.79645	0.00335	0.46440	0.07500
Indoor Air	0.0	0.3736	0.0058	0.9927	0.1763	0.8369
OA	0.31610	1.00000	0.24624	-0.43985	0.12239	-0.10627
Outdoor Air	0.3736	0.0	0.4928	0.2034	0.7362	0.7701
HD	0.79645	0.24624	1.00000	0.18050	0.57683	0.31018
Floor Dust (HVS3)	0.0058	0.4928	0.0	0.6178	0.0809	0.3831
PS	0.00335	-0.43985	0.18050	1.00000	-0.29827	0.44038
Playground Soil	0.9927	0.2034	0.6178	0.0	0.4025	0.2028
LF	0.46440	0.12239	0.57683	-0.29827	1.00000	0.05143
Liquid Food	0.1763	0.7362	0.0809	0.4025	0.0	0.8878
SF	0.07500	-0.10627	0.31018	0.44038	0.05143	1.00000
Solid Food	0.8369	0.7701	0.3831	0.2028	0.8878	0.0

Table F-20. Pearson Correlation Coefficients between Media for Target PCB

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.30645	0.79876	0.61379	.	.
Indoor Air	0.0	0.3891	0.0056	0.0591	.	.
OA	-0.30645	1.00000	-0.09754	-0.29839	.	.
Outdoor Air	0.3891	0.0	0.7887	0.4023	.	.
HD	0.79876	-0.09754	1.00000	0.34705	.	.
Floor Dust (HVS3)	0.0056	0.7887	0.0	0.3259	.	.
PS	0.61379	-0.29839	0.34705	1.00000	.	.
Playground Soil	0.0591	0.4023	0.3259	0.0	.	.
LF	.	.	.	.	.	.
Liquid Food	.	.	.	.	.	.
SF	.	.	.	.	.	.
Solid Food	.	.	.	.	.	.

Table F-21. Pearson Correlation Coefficients between Media for Target Phenols

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.18273	0.02347	0.13185	-0.63936	-0.05944
Indoor Air	0.0	0.6134	0.9487	0.7165	0.0465	0.8704
OA	0.18273	1.00000	0.11345	0.29988	-0.07943	-0.43000
Outdoor Air	0.6134	0.0	0.7550	0.3999	0.8273	0.2148
HD	0.02347	0.11345	1.00000	0.33340	0.52421	-0.54085
Floor Dust (HVS3)	0.9487	0.7550	0.0	0.3465	0.1198	0.1065
PS	0.13185	0.29988	0.33340	1.00000	0.14716	-0.21283
Playground Soil	0.7165	0.3999	0.3465	0.0	0.6850	0.5550
LF	-0.63936	-0.07943	0.52421	0.14716	1.00000	-0.41892
Liquid Food	0.0465	0.8273	0.1198	0.6850	0.0	0.2282
SF	-0.05944	-0.43000	-0.54085	-0.21283	-0.41892	1.00000
Solid Food	0.8704	0.2148	0.1065	0.5550	0.2282	0.0

Table F-22. Pearson Correlation Coefficients between Media for Bisphenol-A

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.16532	0.31354	-0.14800	-0.12390	0.09299
Indoor Air	0.0	0.6481	0.3777	0.6832	0.7331	0.7983
OA	-0.16532	1.00000	0.44606	0.14069	0.17593	-0.20455
Outdoor Air	0.6481	0.0	0.1963	0.6983	0.6268	0.5708
HD	0.31354	0.44606	1.00000	-0.15844	-0.43421	-0.09112
Floor Dust (HVS3)	0.3777	0.1963	0.0	0.6620	0.2099	0.8023
PS	-0.14800	0.14069	-0.15844	1.00000	-0.01169	0.56963
Playground Soil	0.6832	0.6983	0.6620	0.0	0.9744	0.0856
LF	-0.12390	0.17593	-0.43421	-0.01169	1.00000	-0.05397
Liquid Food	0.7331	0.6268	0.2099	0.9744	0.0	0.8823
SF	0.09299	-0.20455	-0.09112	0.56963	-0.05397	1.00000
Solid Food	0.7983	0.5708	0.8023	0.0856	0.8823	0.0

Table F-23. Pearson Correlation Coefficients between Media for 2,4-D

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.27347	0.43513	0.02131	0.57100	-0.33373
Indoor Air	0.0	0.4445	0.2088	0.9534	0.0847	0.3460
OA	0.27347	1.00000	0.09557	0.45370	0.32911	-0.25191
Outdoor Air	0.4445	0.0	0.7929	0.1878	0.3531	0.4826
HD	0.43513	0.09557	1.00000	0.26835	0.12054	-0.06343
Floor Dust (HVS3)	0.2088	0.7929	0.0	0.4535	0.7401	0.8618
PS	0.02131	0.45370	0.26835	1.00000	-0.35878	-0.27266
Playground Soil	0.9534	0.1878	0.4535	0.0	0.3086	0.4460
LF	0.57100	0.32911	0.12054	-0.35878	1.00000	0.08305
Liquid Food	0.0847	0.3531	0.7401	0.3086	0.0	0.8196
SF	-0.33373	-0.25191	-0.06343	-0.27266	0.08305	1.00000
Solid Food	0.3460	0.4826	0.8618	0.4460	0.8196	0.0

Table F-24. Pearson Correlation Coefficients between Floor Dust (HVS3) and House Dust (bag)

Compound Class	COMPOUND	Number of Observations	Correlation Coefficient	P-Value
PAH	Naphthalene	7	0.07916	0.86604
	Biphenyl	7	-0.21860	0.63770
	Acenaphthylene	7	0.62957	0.12975
	Acenaphthene	7	-0.75077	0.05180
	Fluorene	7	0.34430	0.44951
	Phenanthrene	7	0.54468	0.20615
	Anthracene	7	0.32761	0.47320
	Fluoranthene	7	0.72750	0.06388
	Pyrene	7	0.72362	0.06602
	Cyclopenta[c,d]pyrene	7	0.75140	0.05150
	Benz[a]anthracene*	7	0.77496	0.04070
	Chrysene*	7	0.78147	0.03797
	Benzo[b]fluoranthene*	7	0.71737	0.06956
	Benzo[k]fluoranthene*	7	0.71112	0.07320
	Benzo[e]pyrene	7	0.71578	0.07048
	Benzo[a]pyrene*	7	0.68491	0.08954
	Indeno[1,2,3-c,d]pyrene*	7	0.67056	0.09922
	Dibenzo[a,h]anthracene*	7	0.69230	0.08476
	Benzo[g,h,i]perylene	7	0.68754	0.08782
	Coronene	7	0.54354	0.20729
	Sum of B2 PAH	7	0.73812	0.05819
	Sum of Target PAH	7	0.73064	0.06216
Phthalate Ester	Dibutylphthalate	7	-0.07492	0.87317
	Benzylbutylphthalate	7	0.60023	0.15418
	Sum of Phthalate Esters	7	0.60172	0.15289
OP Pesticide	Diazinon	7	0.30443	0.50680
	Chlorpyrifos	7	0.34479	0.44883
	Sum of OP Pesticides	7	0.27323	0.55328
OC Pesticide	Lindane	7	0.12139	0.79544
	Heptachlor	7	0.84934	0.01558
	Aldrin	7	-0.06547	0.88909
	gamma-Chlordane	7	0.86634	0.01166
	alpha-Chlordane	7	0.88683	0.00778
	p,p'-DDE	7	0.37828	0.40276
	Dieldrin	7	0.78551	0.03632
	Endrin	7	0.23593	0.61052
	p,p'-DDT	7	0.14066	0.76357
	Sum of OC Pesticides	7	-0.40623	0.36583
PCB	2-Chlorobiphenyl	7	-0.20899	0.65290
	4-Chlorobiphenyl	7	.	.
	2,6-Dichlorobiphenyl	7	0.55280	0.19809
	4,4'-Dichlorobiphenyl	7	0.50239	0.25054
	2,4,4'-Trichlorobiphenyl	7	0.87031	0.01084
	2,2'5,5'-Tetrachlorobiphenyl	7	0.64899	0.11476
	2,2'3,5'-Tetrachlorobiphenyl	7	0.62991	0.12948
	2,3',4',5-Tetrachlorobiphenyl	7	0.75310	0.05067
	3,3'4,4'-Tetrachlorobiphenyl	7	0.80929	0.02745
	2,2'3,5'6-Pentachlorobiphenyl	7	0.67544	0.09587
	2,2'4,5,5'-Pentachlorobiphenyl	7	0.68162	0.09171
	2,2'3,4,5'-Pentachlorobiphenyl	7	0.64145	0.12047
	2,3,3'4',6-Pentachlorobiphenyl	7	0.78996	0.03455
	2,3'4,4',5-Pentachlorobiphenyl	7	0.60616	0.14907
	2,3,3',4,4'-Pentachlorobiphenyl	7	0.47704	0.27906
	3,3'4,4'5-Pentachlorobiphenyl	7	0.75683	0.04889
	2,2',4,4'5,5'-Hexachlorobiphenyl	7	0.56980	0.18173
	2,2',3,4,4',5'-Hexachlorobiphenyl	7	0.44080	0.32220
	3,3'4,4',5,5'-Hexachlorobiphenyl	7	-0.51179	0.24033
PCB	2,2',3,4,4',5,5'-Heptachlorobiphenyl	7	0.76525	0.04498
	Sum of Target PCB	7	0.67906	0.09342
Phenols	Pentchlorophenol	7	0.89278	0.00682
	Nonylphenols	7	0.16136	0.72962
	Bisphenol-A	7	-0.07526	0.87260
	Sum of Phenols	7	0.43716	0.32668

APPENDIX G. SPEARMAN AND PEARSON CORRELATION COEFFICIENTS IN MULTIMEDIA SAMPLES BETWEEN COMPOUND CLASSES

Table G-1. Spearman Correlation Coefficients between Compound Classes For Indoor Air Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	-0.13939	0.39394	0.69697	0.23636	-0.85455	0.44242	-0.13131
Sum of B2 PAH	0.0	0.7009	0.2600	0.0251	0.5109	0.0016	0.2004	0.7177
TOTALPAH	-0.13939	1.00000	0.63636	0.35758	0.29697	-0.11515	0.68485	-0.12506
Sum of Target PAH	0.7009	0.0	0.0479	0.3104	0.4047	0.7514	0.0289	0.7307
PE	0.39394	0.63636	1.00000	0.72121	0.62424	-0.47879	0.92727	-0.41895
Sum of Phthalate Esters	0.2600	0.0479	0.0	0.0186	0.0537	0.1615	0.0001	0.2282
OP	0.69697	0.35758	0.72121	1.00000	0.26061	-0.53939	0.67273	-0.42521
Sum of OP Pesticides	0.0251	0.3104	0.0186	0.0	0.4671	0.1076	0.0330	0.2206
OC	0.23636	0.29697	0.62424	0.26061	1.00000	-0.43030	0.55152	-0.06253
Sum of OC Pesticides	0.5109	0.4047	0.0537	0.4671	0.0	0.2145	0.0984	0.8637
PCB	-0.85455	-0.11515	-0.47879	-0.53939	-0.43030	1.00000	-0.57576	0.15633
Sum of PCB	0.0016	0.7514	0.1615	0.1076	0.2145	0.0	0.0816	0.6663
PH	0.44242	0.68485	0.92727	0.67273	0.55152	-0.57576	1.00000	-0.45647
Sum of Phenols	0.2004	0.0289	0.0001	0.0330	0.0984	0.0816	0.0	0.1848
HA	-0.13131	-0.12506	-0.41895	-0.42521	-0.06253	0.15633	-0.45647	1.00000
Herbicide Acid (2,4-D)	0.7177	0.7307	0.2282	0.2206	0.8637	0.6663	0.1848	0.0

Table G-2. Spearman Correlation Coefficients between Compound Classes For Outdoor Air Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.62424	0.07879	0.70909	0.00606	0.55152	0.32121	-0.28837
Sum of B2 PAH	0.0	0.0537	0.8287	0.0217	0.9867	0.0984	0.3655	0.4191
TOTALPAH	0.62424	1.00000	0.45455	0.51515	-0.16364	0.03030	0.53939	0.05522
Sum of Target PAH	0.0537	0.0	0.1869	0.1276	0.6515	0.9338	0.1076	0.8796
PE	0.07879	0.45455	1.00000	0.44242	-0.20000	0.24848	0.27273	-0.16566
Sum of Phthalate Esters	0.8287	0.1869	0.0	0.2004	0.5796	0.4888	0.4458	0.6474
OP	0.70909	0.51515	0.44242	1.00000	-0.26061	0.55152	0.03030	-0.26382
Sum of OP Pesticides	0.0217	0.1276	0.2004	0.0	0.4671	0.0984	0.9338	0.4614
OC	0.00606	-0.16364	-0.20000	-0.26061	1.00000	0.18788	0.55152	0.00614
Sum of OC Pesticides	0.9867	0.6515	0.5796	0.4671	0.0	0.6032	0.0984	0.9866
PCB	0.55152	0.03030	0.24848	0.55152	0.18788	1.00000	-0.04242	-0.50924
Sum of PCB	0.0984	0.9338	0.4888	0.0984	0.6032	0.0	0.9074	0.1327
PH	0.32121	0.53939	0.27273	0.03030	0.55152	-0.04242	1.00000	0.37426
Sum of Phenols	0.3655	0.1076	0.4458	0.9338	0.0984	0.9074	0.0	0.2867
HA	-0.28837	0.05522	-0.16566	-0.26382	0.00614	-0.50924	0.37426	1.00000
Herbicide Acid (2,4-D)	0.4191	0.8796	0.6474	0.4614	0.9866	0.1327	0.2867	0.0

Table G-3. Spearman Correlation Coefficients between Compound Classes
For Floor Dust (HVS3) Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.98788	0.21212	0.15152	0.12727	0.73333	0.06667	0.29697
Sum of B2 PAH	0.0	0.0001	0.5563	0.6761	0.7261	0.0158	0.8548	0.4047
TOTALPAH	0.98788	1.00000	0.13939	0.18788	0.17576	0.69697	0.11515	0.22424
Sum of Target PAH	0.0001	0.0	0.7009	0.6032	0.6272	0.0251	0.7514	0.5334
PE	0.21212	0.13939	1.00000	0.18788	0.47879	0.12727	0.18788	0.72121
Sum of Phthalate Esters	0.5563	0.7009	0.0	0.6032	0.1615	0.7261	0.6032	0.0186
OP	0.15152	0.18788	0.18788	1.00000	-0.06667	-0.01818	0.70909	0.28485
Sum of OP Pesticides	0.6761	0.6032	0.6032	0.0	0.8548	0.9602	0.0217	0.4250
OC	0.12727	0.17576	0.47879	-0.06667	1.00000	-0.24848	0.01818	0.12727
Sum of OC Pesticides	0.7261	0.6272	0.1615	0.8548	0.0	0.4888	0.9602	0.7261
PCB	0.73333	0.69697	0.12727	-0.01818	-0.24848	1.00000	0.17576	0.47879
Sum of PCB	0.0158	0.0251	0.7261	0.9602	0.4888	0.0	0.6272	0.1615
PH	0.06667	0.11515	0.18788	0.70909	0.01818	0.17576	1.00000	0.44242
Sum of Phenols	0.8548	0.7514	0.6032	0.0217	0.9602	0.6272	0.0	0.2004
HA	0.29697	0.22424	0.72121	0.28485	0.12727	0.47879	0.44242	1.00000
Herbicide Acid (2,4-D)	0.4047	0.5334	0.0186	0.4250	0.7261	0.1615	0.2004	0.0

Table G-4. Spearman Correlation Coefficients between Compound Classes
For Floor Dust (Bag) Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.89286	0.96429	0.17857	-0.03571	-0.14286	-0.07143	.
Sum of B2 PAH	0.0	0.0068	0.0005	0.7017	0.9394	0.7599	0.8790	.
	7	7	7	7	7	7	7	0
TOTALPAH	0.89286	1.00000	0.82143	-0.07143	0.21429	0.03571	0.10714	.
Sum of Target PAH	0.0068	0.0	0.0234	0.8790	0.6445	0.9394	0.8192	.
	7	7	7	7	7	7	7	0
PE	0.96429	0.82143	1.00000	0.28571	-0.07143	-0.21429	-0.03571	.
Sum of Phthalate Esters	0.0005	0.0234	0.0	0.5345	0.8790	0.6445	0.9394	.
	7	7	7	7	7	7	7	0
OP	0.17857	-0.07143	0.28571	1.00000	0.25000	0.39286	0.46429	.
Sum of OP Pesticides	0.7017	0.8790	0.5345	0.0	0.5887	0.3833	0.2939	.
	7	7	7	7	7	7	7	0
OC	-0.03571	0.21429	-0.07143	0.25000	1.00000	0.75000	0.53571	.
Sum of OC Pesticides	0.9394	0.6445	0.8790	0.5887	0.0	0.0522	0.2152	.
	7	7	7	7	7	7	7	0
PCB	-0.14286	0.03571	-0.21429	0.39286	0.75000	1.00000	0.60714	.
Sum of PCB	0.7599	0.9394	0.6445	0.3833	0.0522	0.0	0.1482	.
	7	7	7	7	7	7	7	0
PH	-0.07143	0.10714	-0.03571	0.46429	0.53571	0.60714	1.00000	.
Sum of Phenols	0.8790	0.8192	0.9394	0.2939	0.2152	0.1482	0.0	.
	7	7	7	7	7	7	7	0
HA	.	.	.	.	.	.	.	.
Herbicide Acid (2,4-D)	.	.	.	.	.	.	.	.
	0	0	0	0	0	0	0	0

Table G-5. Spearman Correlation Coefficients between Compound Classes
For Playground Soil Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.98788	0.03030	-0.03068	-0.66870	-0.08563	0.03647	0.27590
Sum of B2 PAH	0.0	0.0001	0.9338	0.9330	0.0345	0.8141	0.9203	0.4404
TOTALPAH	0.98788	1.00000	0.11515	0.03068	-0.68085	-0.17738	0.05471	0.27590
Sum of Target PAH	0.0001	0.0	0.7514	0.9330	0.0302	0.6240	0.8807	0.4404
PE	0.03030	0.11515	1.00000	0.05522	-0.04255	0.00000	0.18845	0.43994
Sum of Phthalate Esters	0.9338	0.7514	0.0	0.8796	0.9071	1.0000	0.6021	0.2033
OP	-0.03068	0.03068	0.05522	1.00000	0.16616	-0.31579	0.51695	0.17362
Sum of OP Pesticides	0.9330	0.9330	0.8796	0.0	0.6464	0.3741	0.1260	0.6314
OC	-0.66870	-0.68085	-0.04255	0.16616	1.00000	0.27608	0.43293	-0.12715
Sum of OC Pesticides	0.0345	0.0302	0.9071	0.6464	0.0	0.4400	0.2114	0.7263
PCB	-0.08563	-0.17738	0.00000	-0.31579	0.27608	1.00000	0.25154	0.35369
Sum of PCB	0.8141	0.6240	1.0000	0.3741	0.4400	0.0	0.4833	0.3160
PH	0.03647	0.05471	0.18845	0.51695	0.43293	0.25154	1.00000	0.30665
Sum of Phenols	0.9203	0.8807	0.6021	0.1260	0.2114	0.4833	0.0	0.3888
HA	0.27590	0.27590	0.43994	0.17362	-0.12715	0.35369	0.30665	1.00000
Herbicide Acid (2,4-D)	0.4404	0.4404	0.2033	0.6314	0.7263	0.3160	0.3888	0.0

Table G-6. Spearman Correlation Coefficients between Compound Classes
For Liquid Food Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	-0.00868	-0.14705	-0.15686	0.06941	.	-0.19895	0.19895
Sum of B2 PAH	0.0	0.9810	0.6852	0.6652	0.8489	.	0.5816	0.5816
TOTALPAH	-0.00868	1.00000	0.25532	0.25291	0.78354	.	0.03647	-0.06079
Sum of Target PAH	0.9810	0.0	0.4765	0.4808	0.0073	.	0.9203	0.8675
PE	-0.14705	0.25532	1.00000	0.60125	-0.05471	.	0.39394	-0.11515
Sum of Phthalate Esters	0.6852	0.4765	0.0	0.0660	0.8807	.	0.2600	0.7514
OP	-0.15686	0.25291	0.60125	1.00000	-0.08430	.	0.75641	-0.09698
Sum of OP Pesticides	0.6652	0.4808	0.0660	0.0	0.8169	.	0.0113	0.7898
OC	0.06941	0.78354	-0.05471	-0.08430	1.00000	.	-0.22493	-0.10942
Sum of OC Pesticides	0.8489	0.0073	0.8807	0.8169	0.0	.	0.5321	0.7635
PCB	.	.	.	.	.	.	.	.
Sum of PCB	.	.	.	.	.	.	.	.
PH	-0.19895	0.03647	0.39394	0.75641	-0.22493	.	1.00000	0.10303
Sum of Phenols	0.5816	0.9203	0.2600	0.0113	0.5321	.	0.0	0.7770
HA	0.19895	-0.06079	-0.11515	-0.09698	-0.10942	.	0.10303	1.00000
Herbicide Acid (2,4-D)	0.5816	0.8675	0.7514	0.7898	0.7635	.	0.7770	0.0

Table G-7. Spearman Correlation Coefficients between Compound Classes For Solid Food Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.68693	0.21885	-0.09726	-0.11550	.	0.37690	0.55319
Sum of B2 PAH	0.0	0.0282	0.5436	0.7892	0.7507	.	0.2830	0.0972
TOTALPAH	0.68693	1.00000	0.34545	0.13939	0.30909	.	0.51515	0.52727
Sum of Target PAH	0.0282	0.0	0.3282	0.7009	0.3848	.	0.1276	0.1173
PE	0.21885	0.34545	1.00000	0.51515	0.16364	.	0.39394	0.21212
Sum of Phthalate Esters	0.5436	0.3282	0.0	0.1276	0.6515	.	0.2600	0.5563
OP	-0.09726	0.13939	0.51515	1.00000	-0.11515	.	0.00606	0.01818
Sum of OP Pesticides	0.7892	0.7009	0.1276	0.0	0.7514	.	0.9867	0.9602
OC	-0.11550	0.30909	0.16364	-0.11515	1.00000	.	0.21212	0.00606
Sum of OC Pesticides	0.7507	0.3848	0.6515	0.7514	0.0	.	0.5563	0.9867
PCB	.	.	.	.	.	.	.	.
Sum of PCB	.	.	.	.	.	.	.	.
PH	0.37690	0.51515	0.39394	0.00606	0.21212	.	1.00000	0.86667
Sum of Phenols	0.2830	0.1276	0.2600	0.9867	0.5563	.	0.0	0.0012
HA	0.55319	0.52727	0.21212	0.01818	0.00606	.	0.86667	1.00000
Herbicide Acid (2,4-D)	0.0972	0.1173	0.5563	0.9602	0.9867	.	0.0012	0.0

Table G-8. Pearson Correlation Coefficients between Compound Classes For Indoor Air Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	-0.10339	0.46324	0.49482	0.10448	-0.73418	0.46248	-0.31674
Sum of B2 PAH	0.0	0.7762	0.1775	0.1459	0.7739	0.0156	0.1784	0.3726
TOTALPAH	-0.10339	1.00000	0.66148	0.23942	0.07867	-0.08068	0.63960	-0.39775
Sum of Target PAH	0.7762	0.0	0.0372	0.5053	0.8290	0.8247	0.0464	0.2550
PE	0.46324	0.66148	1.00000	0.58070	0.42822	-0.53572	0.82615	-0.48047
Sum of Phthalate Esters	0.1775	0.0372	0.0	0.0784	0.2170	0.1105	0.0032	0.1598
OP	0.49482	0.23942	0.58070	1.00000	-0.03671	-0.47888	0.49453	-0.43363
Sum of OP Pesticides	0.1459	0.5053	0.0784	0.0	0.9198	0.1614	0.1462	0.2106
OC	0.10448	0.07867	0.42822	-0.03671	1.00000	-0.42802	0.48394	0.11142
Sum of OC Pesticides	0.7739	0.8290	0.2170	0.9198	0.0	0.2172	0.1564	0.7593
PCB	-0.73418	-0.08068	-0.53572	-0.47888	-0.42802	1.00000	-0.46292	0.03704
Sum of PCB	0.0156	0.8247	0.1105	0.1614	0.2172	0.0	0.1779	0.9191
PH	0.46248	0.63960	0.82615	0.49453	0.48394	-0.46292	1.00000	-0.45070
Sum of Phenols	0.1784	0.0464	0.0032	0.1462	0.1564	0.1779	0.0	0.1911
HA	-0.31674	-0.39775	-0.48047	-0.43363	0.11142	0.03704	-0.45070	1.00000
Herbicide Acid (2,4-D)	0.3726	0.2550	0.1598	0.2106	0.7593	0.9191	0.1911	0.0

Table G-9. Pearson Correlation Coefficients between Compound Classes
For Outdoor Air Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.77620	0.10103	0.55221	0.10553	0.31175	0.42126	-0.19186
Sum of B2 PAH	0.0	0.0083	0.7812	0.0979	0.7717	0.3806	0.2253	0.5954
TOTALPAH	0.77620	1.00000	0.35758	0.38936	-0.20621	0.09049	0.50838	0.15268
Sum of Target PAH	0.0083	0.0	0.3104	0.2661	0.5676	0.8037	0.1335	0.6737
PE	0.10103	0.35758	1.00000	0.41143	-0.06251	0.22512	0.42237	-0.02368
Sum of Phthalate Esters	0.7812	0.3104	0.0	0.2375	0.8638	0.5318	0.2240	0.9482
OP	0.55221	0.38936	0.41143	1.00000	-0.15126	0.37932	-0.11597	-0.19900
Sum of OP Pesticides	0.0979	0.2661	0.2375	0.0	0.6766	0.2797	0.7497	0.5815
OC	0.10553	-0.20621	-0.06251	-0.15126	1.00000	0.35400	0.55830	-0.19688
Sum of OC Pesticides	0.7717	0.5676	0.8638	0.6766	0.0	0.3156	0.0935	0.5856
PCB	0.31175	0.09049	0.22512	0.37932	0.35400	1.00000	0.14382	-0.52036
Sum of PCB	0.3806	0.8037	0.5318	0.2797	0.3156	0.0	0.6918	0.1231
PH	0.42126	0.50838	0.42237	-0.11597	0.55830	0.14382	1.00000	0.14873
Sum of Phenols	0.2253	0.1335	0.2240	0.7497	0.0935	0.6918	0.0	0.6817
HA	-0.19186	0.15268	-0.02368	-0.19900	-0.19688	-0.52036	0.14873	1.00000
Herbicide Acid (2,4-D)	0.5954	0.6737	0.9482	0.5815	0.5856	0.1231	0.6817	0.0

Table G-10. Pearson Correlation Coefficients between Compound Classes
For Floor Dust (HVS3) Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.99306	0.14316	0.28200	-0.03754	0.64611	0.16951	0.26491
Sum of B2 PAH	0.0	0.0001	0.6932	0.4299	0.9180	0.0436	0.6397	0.4595
TOTALPAH	0.99306	1.00000	0.08530	0.25957	-0.00236	0.58005	0.11712	0.19515
Sum of Target PAH	0.0001	0.0	0.8148	0.4689	0.9948	0.0788	0.7473	0.5890
PE	0.14316	0.08530	1.00000	0.47956	0.26190	0.13386	0.40760	0.67280
Sum of Phthalate Esters	0.6932	0.8148	0.0	0.1607	0.4648	0.7124	0.2423	0.0330
OP	0.28200	0.25957	0.47956	1.00000	-0.24028	-0.05118	0.68394	0.30746
Sum of OP Pesticides	0.4299	0.4689	0.1607	0.0	0.5037	0.8883	0.0292	0.3875
OC	-0.03754	-0.00236	0.26190	-0.24028	1.00000	-0.37109	-0.19405	0.03069
Sum of OC Pesticides	0.9180	0.9948	0.4648	0.5037	0.0	0.2911	0.5911	0.9329
PCB	0.64611	0.58005	0.13386	-0.05118	-0.37109	1.00000	0.16879	0.50876
Sum of PCB	0.0436	0.0788	0.7124	0.8883	0.2911	0.0	0.6411	0.1332
PH	0.16951	0.11712	0.40760	0.68394	-0.19405	0.16879	1.00000	0.46500
Sum of Phenols	0.6397	0.7473	0.2423	0.0292	0.5911	0.6411	0.0	0.1757
HA	0.26491	0.19515	0.67280	0.30746	0.03069	0.50876	0.46500	1.00000
Herbicide Acid (2,4-D)	0.4595	0.5890	0.0330	0.3875	0.9329	0.1332	0.1757	0.0

Table G-11. Pearson Correlation Coefficients between Compound Classes
For Floor Dust (Bag) Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.99822	0.89133	0.62456	0.56246	0.36533	0.11430	.
Sum of B2 PAH	0.0	0.0001	0.0070	0.1338	0.1887	0.4203	0.8072	.
	7	7	7	7	7	7	7	0
TOTALPAH	0.99822	1.00000	0.87498	0.59996	0.59374	0.36234	0.09991	.
Sum of Target PAH	0.0001	0.0	0.0099	0.1544	0.1599	0.4244	0.8312	.
	7	7	7	7	7	7	7	0
PE	0.89133	0.87498	1.00000	0.63571	0.29634	0.13953	0.07909	.
Sum of Phthalate Esters	0.0070	0.0099	0.0	0.1249	0.5187	0.7654	0.8662	.
	7	7	7	7	7	7	7	0
OP	0.62456	0.59996	0.63571	1.00000	0.45761	0.55927	0.42175	.
Sum of OP Pesticides	0.1338	0.1544	0.1249	0.0	0.3019	0.1918	0.3460	.
	7	7	7	7	7	7	7	0
OC	0.56246	0.59374	0.29634	0.45761	1.00000	0.72202	0.35156	.
Sum of OC Pesticides	0.1887	0.1599	0.5187	0.3019	0.0	0.0669	0.4394	.
	7	7	7	7	7	7	7	0
PCB	0.36533	0.36234	0.13953	0.55927	0.72202	1.00000	0.67918	.
Sum of PCB	0.4203	0.4244	0.7654	0.1918	0.0669	0.0	0.0933	.
	7	7	7	7	7	7	7	0
PH	0.11430	0.09991	0.07909	0.42175	0.35156	0.67918	1.00000	.
Sum of Phenols	0.8072	0.8312	0.8662	0.3460	0.4394	0.0933	0.0	.
	7	7	7	7	7	7	7	0
HA	.	.	.	.	.	.	.	.
Herbicide Acid (2,4-D)	.	.	.	.	.	.	.	.
	0	0	0	0	0	0	0	0

Table G-12. Pearson Correlation Coefficients between Compound Classes
For Playground Soil Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.99723	-0.34344	-0.03367	-0.68862	-0.10267	0.21838	0.06349
Sum of B2 PAH	0.0	0.0001	0.3312	0.9264	0.0277	0.7778	0.5444	0.8617
TOTALPAH	0.99723	1.00000	-0.31831	-0.02354	-0.66906	-0.13969	0.23570	0.04613
Sum of Target PAH	0.0001	0.0	0.3701	0.9485	0.0344	0.7003	0.5121	0.8993
PE	-0.34344	-0.31831	1.00000	0.50470	0.30148	-0.11899	0.51530	0.35379
Sum of Phthalate Esters	0.3312	0.3701	0.0	0.1368	0.3973	0.7434	0.1274	0.3159
OP	-0.03367	-0.02354	0.50470	1.00000	0.43775	0.06628	0.68136	0.33228
Sum of OP Pesticides	0.9264	0.9485	0.1368	0.0	0.2058	0.8556	0.0300	0.3482
OC	-0.68862	-0.66906	0.30148	0.43775	1.00000	0.23376	0.26164	-0.17724
Sum of OC Pesticides	0.0277	0.0344	0.3973	0.2058	0.0	0.5157	0.4653	0.6242
PCB	-0.10267	-0.13969	-0.11899	0.06628	0.23376	1.00000	0.37982	0.18468
Sum of PCB	0.7778	0.7003	0.7434	0.8556	0.5157	0.0	0.2790	0.6095
PH	0.21838	0.23570	0.51530	0.68136	0.26164	0.37982	1.00000	0.44141
Sum of Phenols	0.5444	0.5121	0.1274	0.0300	0.4653	0.2790	0.0	0.2016
HA	0.06349	0.04613	0.35379	0.33228	-0.17724	0.18468	0.44141	1.00000
Herbicide Acid (2,4-D)	0.8617	0.8993	0.3159	0.3482	0.6242	0.6095	0.2016	0.0

Table G-13. Pearson Correlation Coefficients between Compound Classes
For Liquid Food Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	-0.21767	-0.14402	0.01006	0.08038	.	0.11437	0.31045
Sum of B2 PAH	0.0	0.5458	0.6914	0.9780	0.8253	.	0.7531	0.3826
TOTALPAH	-0.21767	1.00000	0.12505	0.22420	0.64484	.	-0.40117	-0.07027
Sum of Target PAH	0.5458	0.0	0.7307	0.5335	0.0441	.	0.2506	0.8470
PE	-0.14402	0.12505	1.00000	0.58066	-0.01105	.	0.29514	-0.11113
Sum of Phthalate Esters	0.6914	0.7307	0.0	0.0784	0.9758	.	0.4077	0.7599
OP	0.01006	0.22420	0.58066	1.00000	-0.10660	.	0.42191	-0.00279
Sum of OP Pesticides	0.9780	0.5335	0.0784	0.0	0.7694	.	0.2246	0.9939
OC	0.08038	0.64484	-0.01105	-0.10660	1.00000	.	-0.32342	0.07255
Sum of OC Pesticides	0.8253	0.0441	0.9758	0.7694	0.0	.	0.3620	0.8421
PCB	.	.	.	.	.	.	.	.
Sum of PCB	.	.	.	.	.	.	.	.
PH	0.11437	-0.40117	0.29514	0.42191	-0.32342	.	1.00000	0.06966
Sum of Phenols	0.7531	0.2506	0.4077	0.2246	0.3620	.	0.0	0.8483
HA	0.31045	-0.07027	-0.11113	-0.00279	0.07255	.	0.06966	1.00000
Herbicide Acid (2,4-D)	0.3826	0.8470	0.7599	0.9939	0.8421	.	0.8483	0.0

Table G-14. Pearson Correlation Coefficients between Compound Classes
For Solid Food Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 10

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.69747	0.08928	0.07950	-0.10684	.	0.56317	0.50565
Sum of B2 PAH	0.0	0.0249	0.8062	0.8272	0.7689	.	0.0900	0.1360
TOTALPAH	0.69747	1.00000	0.27230	0.18416	0.34605	.	0.53142	0.59530
Sum of Target PAH	0.0249	0.0	0.4466	0.6105	0.3273	.	0.1139	0.0694
PE	0.08928	0.27230	1.00000	0.59103	0.25879	.	0.39381	0.29895
Sum of Phthalate Esters	0.8062	0.4466	0.0	0.0720	0.4703	.	0.2602	0.4014
OP	0.07950	0.18416	0.59103	1.00000	-0.25610	.	0.22705	0.26827
Sum of OP Pesticides	0.8272	0.6105	0.0720	0.0	0.4751	.	0.5281	0.4536
OC	-0.10684	0.34605	0.25879	-0.25610	1.00000	.	0.17326	0.06305
Sum of OC Pesticides	0.7689	0.3273	0.4703	0.4751	0.0	.	0.6322	0.8626
PCB	.	.	.	.	.	.	.	.
Sum of PCB	.	.	.	.	.	.	.	.
PH	0.56317	0.53142	0.39381	0.22705	0.17326	.	1.00000	0.89304
Sum of Phenols	0.0900	0.1139	0.2602	0.5281	0.6322	.	0.0	0.0005
HA	0.50565	0.59530	0.29895	0.26827	0.06305	.	0.89304	1.00000
Herbicide Acid (2,4-D)	0.1360	0.0694	0.4014	0.4536	0.8626	.	0.0005	0.0

APPENDIX H. ESTIMATED CHILDREN'S DAILY POP EXPOSURE LEVELS IN PHASE 1 DAYCARE CENTERS FROM INHALATION, NONDIETARY INGESTION, AND INGESTION PATHWAYS

Estimated Daily POP Exposure through Inhalation Pathway

	D01 ng/day	D02 ng/day	D03 ng/day	D04 ng/day	D05 ng/day	D06 ng/day	D07 ng/day	D08 ng/day	D09 ng/day	D10 ng/day
PAH										
Naphthalene	1493.85	749.80	2756.07	541.30	904.69	602.22	549.03	979.42	795.75	1338.35
Biphenyl	117.16	110.44	250.48	62.67	111.00	48.22	69.37	130.91	239.00	119.45
Acenaphthylene	11.74	10.59	11.96	9.17	10.12	7.43	7.72	19.76	20.40	17.77
Acenaphthene	41.56	20.44	135.16	19.32	18.45	18.38	12.74	34.14	23.37	26.24
Fluorene	29.49	21.49	22.23	17.79	20.50	16.93	16.43	27.07	28.05	27.89
Phenanthrene	635.40	75.26	70.71	26.69	26.85	26.92	22.59	41.44	32.80	83.39
Anthracene	12.67	1.81	4.24	3.17	3.01	2.40	2.54	4.57	3.21	5.45
Fluoranthene	4.87	4.14	3.37	3.12	2.93	3.41	2.32	4.05	2.56	5.00
Pyrene	2.51	2.29	1.97	2.15	2.20	2.50	1.73	2.33	1.53	3.50
Cyclopenta[c,d]pyrene	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benz[a]anthracene*	0.63	0.55	0.42	0.64	0.61	0.28	0.59	0.82	0.65	0.70
Chrysene*	0.53	0.56	0.55	0.80	0.72	0.34	0.63	1.00	0.35	0.47
Benzo[b]fluoranthene*	0.72	0.63	0.66	0.78	0.97	0.66	0.82	1.03	0.52	<0.2
Benzo[k]fluoranthene*	0.38	0.37	0.30	0.51	0.61	0.31	0.52	0.76	0.46	<0.2
Benzo[e]pyrene	0.40	0.57	0.47	0.57	0.84	0.41	0.56	1.00	0.60	0.27
Benzo[a]pyrene*	0.32	0.57	0.41	0.67	0.94	0.36	0.55	0.75	0.30	0.49
Indeno[1,2,3-c,d]pyrene*	0.40	0.29	0.35	0.38	0.47	0.36	0.38	0.53	0.26	<0.2
Dibenzo[a,h]anthracene*	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzo[g,h,i]perylene	0.34	0.24	0.36	0.37	0.64	0.40	0.58	0.58	<0.2	<0.2
Coronene	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Sum of B2 PAH	2.99	2.97	2.69	3.78	4.33	2.33	3.51	4.90	2.53	1.86
Sum of target PAH	2352.99	1000.08	3259.73	690.08	1105.55	731.73	689.17	1250.19	1149.97	1619.72
PE										
Dibutylphthalate	1918.50	1180.04	1582.41	984.62	1413.76	771.67	612.38	2671.17	773.91	862.32
Benzylbutylphthalate	2737.59	520.06	790.12	250.65	288.86	88.92	94.18	533.09	86.38	129.08
Sum of Phthalates	4656.08	1700.10	2372.54	1235.26	1702.61	860.59	706.56	3204.27	860.29	991.41
OP and OC										
Diazinon	77.33	122.61	25.54	22.99	377.97	25.93	27.72	82.74	38.65	35.01
Chlorpyrifos	102.26	62.84	39.67	63.64	83.58	33.74	18.71	58.86	10.20	49.05
Lindane	25.10	37.83	62.81	23.89	9.19	20.44	17.83	40.42	53.97	35.09
Heptachlor	116.90	74.06	83.09	1681.48	115.79	30.20	54.56	449.72	34.00	193.09
Aldrin	<0.6	1.26	<0.6	<0.6	0.00	<0.6	<0.6	<0.6	<0.6	<0.6
gumma-Chlordane	136.51	4.89	64.99	58.62	11.84	2.28	1.89	10.89	1.78	9.57
alpha-Chlordane	90.43	2.83	45.73	26.90	6.82	1.42	1.71	4.60	1.55	4.70
p,p'-DDE	2.92	1.83	1.79	1.14	1.75	1.76	1.34	1.72	1.18	2.62
Dieldrin	5.12	<0.6	7.32	<0.6	3.84	<0.6	<0.6	<0.6	<0.6	<0.6
Endrin	7.64	12.24	<0.6	8.97	<0.6	6.62	7.97	10.72	6.97	19.45
p,p'-DDT	4.13	1.25	0.82	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Sum of OP	179.58	185.45	65.22	86.63	461.55	59.67	46.44	141.60	48.85	84.06
Sum of OC	388.75	136.19	266.55	1801.00	149.24	62.72	85.30	518.07	99.44	264.53
PCB										
2-Chlorobiphenyl	8.61	4.01	15.39	11.38	16.94	9.47	14.14	15.54	88.73	24.07
4-Chlorobiphenyl	1.47	<0.2	0.24	1.42	3.13	1.07	0.99	2.99	6.44	3.72
2,6-Dichlorobiphenyl	7.40	5.22	12.31	8.23	16.91	124.59	15.95	19.94	111.77	19.41
4,4'-Dichlorobiphenyl	<0.2	<0.2	2.15	<0.2	1.45	67.11	<0.2	0.16	6.33	3.05
2,4,4'-Trichlorobiphenyl	2.95	9.76	38.37	2.83	0.34	407.22	12.98	0.65	45.20	25.03
2,2'5,5'-Tetrachlorobiphenyl	5.90	3.59	5.98	13.21	15.49	64.78	21.80	15.58	23.31	159.54
2,2'3,5'-Tetrachlorobiphenyl	1.79	1.14	10.36	3.73	3.86	54.50	6.76	5.14	7.76	68.62
2,3',4',5-Tetrachlorobiphenyl	1.17	0.33	6.87	1.83	0.66	20.48	3.30	2.32	1.70	102.03
3,3'4,4'-Tetrachlorobiphenyl	<0.2	<0.2	<0.2	0.37	0.48	0.30	0.23	0.44	0.44	0.47
2,2'3,5'6-Pentachlorobiphenyl	1.82	0.37	4.41	2.27	1.92	7.01	6.07	4.56	1.68	232.92
2,2'4,5,5'-Pentachlorobiphenyl	2.38	0.31	0.94	2.19	2.27	5.57	4.90	4.89	1.42	286.40
2,2'3,4,5'-Pentachlorobiphenyl	1.31	<0.2	3.38	1.21	0.61	1.94	1.62	1.64	0.53	125.76
2,3,3'4',6-Pentachlorobiphenyl	2.89	0.66	4.82	2.84	3.04	4.69	3.45	5.20	2.06	263.12
2,3'4,4',5-Pentachlorobiphenyl	0.62	<0.2	2.17	1.25	0.44	1.57	1.44	1.38	0.46	118.20
2,3,3',4,4'-Pentachlorobiphenyl	<0.2	<0.2	0.32	0.92	<0.2	0.76	0.79	0.98	0.31	29.90
3,3'4,4'5-Pentachlorobiphenyl	<0.2	<0.2	<0.2	<0.2	0.31	<0.2	<0.2	<0.2	<0.2	<0.2
2,2',4,4'5,5'-Hexachlorobiphenyl	0.59	<0.2	1.54	1.43	1.31	1.37	1.27	1.66	0.77	64.17
2,2',3,4,4',5'-Hexachlorobiphenyl	0.21	<0.2	0.64	<0.2	<0.2	0.61	<0.2	<0.2	<0.2	50.70
3,3'4,4',5,5'-Hexachlorobiphenyl	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.2	<0.2	<0.2	0.15	<0.2	0.24	<0.2	<0.2	<0.2	2.98
Sum of Target PCB	39.19	25.74	109.90	55.39	69.15	773.40	95.69	83.18	299.05	1580.09
Ph										
Pentachlorophenol	82.70	7.70	4.22	5.26	7.15	2.30	2.66	5.38	2.69	12.92
Nonylphenols	1214.54	890.98	2496.20	1093.93	1348.29	500.40	268.07	1572.01	545.17	517.05
Bisphenol-A	7.56	0.64	3.17	3.35	11.98	1.30	1.43	8.05	5.95	1.84
Sum of Phenols	1304.79	899.32	2503.59	1102.54	1367.42	503.99	272.16	1585.44	553.81	531.82
HA										
2,4-D	<0.6	0.91	<0.6	1.08	<0.6	<0.6	0.58	2.00	2.82	1.60

* = B2-PAH

Estimated Daily POP Exposure through Nondietary Ingestion Pathway

	D01 ng/day	D02 ng/day	D03 ng/day	D04 ng/day	D05 ng/day	D06 ng/day	D07 ng/day	D08 ng/day	D09-new ng/day	D09-old ng/day	D10 ng/day
PAH											
Naphthalene	0.50	0.38	0.83	0.27	0.37	0.11	0.11	0.28	0.18	0.19	0.39
Biphenyl	0.16	0.19	0.23	0.12	0.14	0.04	0.06	0.24	0.17	0.12	0.19
Acenaphthylene	0.11	0.45	0.16	0.21	0.08	0.06	0.03	0.21	0.05	0.33	0.43
Acenaphthene	0.98	0.52	1.57	0.37	0.43	0.24	0.11	0.52	0.25	0.18	0.02
Fluorene	0.74	0.47	0.62	0.23	0.25	0.10	0.17	0.35	0.26	0.39	0.38
Phenanthrene	29.51	15.43	10.83	3.11	2.44	1.07	1.77	4.59	1.84	11.75	12.70
Anthracene	1.51	1.85	1.66	0.48	0.29	0.18	0.31	0.59	0.25	0.73	0.78
Fluoranthene	14.53	44.53	17.01	6.08	3.30	1.72	2.95	8.52	3.30	36.70	46.56
Pyrene	12.20	35.53	14.29	4.80	2.67	1.54	2.34	7.02	2.58	28.50	36.64
Cyclopenta[c,d]pyrene	1.96	3.53	2.26	0.63	0.56	0.35	0.41	1.40	0.59	4.04	5.98
Benz[a]anthracene*	7.04	11.97	8.17	1.77	1.27	0.79	1.10	3.51	1.45	14.74	22.91
Chrysene*	8.80	29.41	10.06	3.48	1.86	1.44	1.25	6.16	1.55	27.39	48.46
Benzo[b]fluoranthene*	9.68	28.00	7.63	3.91	1.94	1.37	1.56	6.99	0.92	43.13	52.40
Benzo[k]fluoranthene*	3.40	8.96	2.40	1.31	1.06	0.42	0.64	2.21	0.25	14.13	17.61
Benzo[e]pyrene	5.45	15.23	4.18	2.14	1.85	0.90	0.89	3.91	0.54	22.88	26.93
Benzo[a]pyrene*	8.16	16.63	6.40	4.81	4.72	2.07	1.17	6.02	0.57	26.62	33.35
Indeno[1,2,3-c,d]pyrene*	4.22	11.55	3.72	1.36	0.11	0.27	0.19	1.60	0.08	24.26	31.93
Dibenzo[a,h]anthracene*	1.37	2.62	1.07	0.46	0.40	0.17	0.13	0.54	0.13	5.75	8.44
Benzo[g,h,i]perylene	4.34	11.98	3.51	1.34	0.11	0.33	0.21	1.99	0.00	22.67	29.45
Coronene	0.56	3.25	0.47	0.12	0.03	0.02	0.03	0.10	0.03	7.30	8.13
Sum of B2 PAH	42.67	109.14	39.45	17.10	11.36	6.54	6.04	27.04	4.94	156.02	215.10
Sum of target PAH	115.23	242.48	97.07	37.00	23.89	13.20	15.42	56.76	14.98	291.79	383.65
PE											
Dibutylphthalate	571.74	457.30	601.24	753.31	739.60	385.65	268.56	2120.79	236.26	856.24	65.35
Benzylbutylphthalate	1342.47	463.57	1311.45	2747.02	2876.00	825.38	519.79	8002.29	1556.10	4067.63	4018.96
Sum of Phthalates	1914.21	920.87	1912.69	3500.33	3615.60	1211.03	788.35	10123.08	1792.36	4923.87	4084.30
OP and OC											
Diazinon	8.84	7.32	4.15	2.24	32.19	7.45	1.41	14.75	2.28	1.64	2.26
Chlorpyrifos	16.15	25.03	15.35	12.53	15.85	13.22	5.68	56.41	1.14	24.64	31.90
Lindane	0.17	0.82	0.26	0.41	0.66	0.51	0.22	0.44	0.38	0.16	0.62
Heptachlor	3.93	3.53	2.27	41.21	3.41	1.84	0.97	29.51	0.73	5.40	7.70
Aldrin	0.48	0.88	0.45	0.17	0.48	0.21	0.06	1.47	0.40	0.39	0.28
gumma-Chlordane	21.52	3.36	17.20	16.15	2.50	1.42	0.69	8.39	0.64	6.14	7.91
alpha-Chlordane	17.67	2.04	11.90	8.80	1.39	0.71	0.39	3.55	0.41	2.81	3.77
p,p'-DDE	1.46	3.35	1.21	2.73	10.22	0.71	2.71	7.36	3.43	4.84	2.29
Dieldrin	0.45	5.06	1.65	49.31	23.76	3.32	30.04	5.71	47.03	20.78	3.25
Endrin	4.12	5.45	1.05	1.08	0.43	1.37	0.67	6.07	1.64	1.45	1.90
p,p'-DDT	2.24	5.06	1.57	1.25	0.65	2.50	0.99	2.98	1.64	2.59	3.27
Sum of OP	24.99	32.35	19.50	14.77	48.04	20.67	7.09	71.16	3.42	26.29	34.16
Sum of OC	52.05	29.56	37.55	121.10	43.50	12.58	36.72	65.48	56.31	44.56	31.00
PCB											
2-Chlorobiphenyl	<0.06	<0.06	0.08	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
4-Chlorobiphenyl	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
2,6-Dichlorobiphenyl	<0.06	0.35	<0.06	<0.06	<0.06	0.88	<0.06	0.22	<0.06	0.18	0.38
4,4'-Dichlorobiphenyl	<0.06	<0.06	0.20	0.13	<0.06	2.79	<0.06	<0.06	0.20	0.44	<0.06
2,4,4'-Trichlorobiphenyl	<0.06	1.02	3.17	0.52	<0.06	24.88	0.61	0.18	0.95	1.50	1.87
2,2'5,5'-Tetrachlorobiphenyl	0.77	2.03	1.70	1.73	0.33	6.25	0.70	1.49	0.75	22.90	29.95
2,2'3,5'-Tetrachlorobiphenyl	0.77	2.19	1.35	0.86	<0.06	6.97	0.18	0.34	0.24	13.99	18.52
2,3',4',5-Tetrachlorobiphenyl	<0.06	1.54	1.44	0.37	<0.06	3.46	<0.06	<0.06	<0.06	11.14	14.33
3,3'4,4'-Tetrachlorobiphenyl	0.17	0.47	0.49	0.33	0.08	0.56	<0.06	<0.06	0.08	0.55	0.46
2,2'3,5'6-Pentachlorobiphenyl	0.12	0.18	0.44	0.42	<0.06	1.21	0.41	0.21	0.07	88.80	115.46
2,2'4,5,5'-Pentachlorobiphenyl	0.27	0.19	0.45	0.60	0.31	1.23	0.23	0.26	0.00	153.50	199.19
2,2'3,4,5'-Pentachlorobiphenyl	<0.06	0.78	0.37	0.05	<0.06	0.76	0.10	<0.06	<0.06	81.11	105.10
2,3,3'4',6-Pentachlorobiphenyl	0.45	0.76	0.74	1.06	<0.06	1.40	0.54	<0.06	<0.06	183.52	237.97
2,3'4,4',5-Pentachlorobiphenyl	0.24	0.46	0.71	0.64	<0.06	0.80	0.13	0.45	<0.06	93.57	122.03
2,3,3',4,4'-Pentachlorobiphenyl	0.47	0.26	0.34	0.06	<0.06	0.68	0.09	0.13	<0.06	27.50	35.27
3,3'4,4'5-Pentachlorobiphenyl	<0.06	2.42	0.32	0.88	0.27	0.62	0.43	2.30	<0.06	8.05	10.39
2,2',4,4'5,5'-Hexachlorobiphenyl	0.33	1.02	0.79	0.65	<0.06	1.34	0.10	0.17	0.07	31.67	43.17
2,2',3,4,4',5'-Hexachlorobiphenyl	0.44	1.00	0.29	0.29	<0.06	0.74	0.40	1.13	<0.06	79.56	105.83
3,3'4,4',5,5'-Hexachlorobiphenyl	0.45	1.51	5.44	3.10	1.91	2.45	0.37	0.74	2.61	1.94	3.05
2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.06	0.49	<0.06	0.09	<0.06	0.53	0.53	<0.06	<0.06	78.36	101.42
Sum of Target PCB	4.49	16.70	18.32	11.82	2.91	57.54	4.83	7.62	4.98	878.27	1144.38
Ph											
Pentachlorophenol	8.47	1.95	1.48	2.79	9.08	2.69	1.44	2.05	2.59	5.26	9.33
Nonylphenols	214.99	297.96	130.31	211.24	330.31	288.29	153.20	559.80	234.77	421.33	244.87
Bisphenol-A	63.30	53.27	35.87	39.11	92.21	30.84	36.54	183.55	110.19	160.40	85.05
Sum of Phenols	286.76	353.17	167.66	253.14	431.60	321.82	191.18	745.39	347.54	586.99	339.25
HA											
2,4-D	3.68	1.25	0.62	8.79	2.01	4.92	0.83	14.45	4.94	5.66	25.11

* = B2-PAH

Estimated Daily POP Exposure through Dietary Ingestion Pathway

	D01 ng/day	D02 ng/day	D03 ng/day	D04 ng/day	D05 ng/day	D06 ng/day	D07 ng/day	D08 ng/day	D09 ng/day	D10 ng/day
PAH										
Naphthalene	295.08	360.91	176.37	176.65	262.33	310.81	271.74	298.27	446.20	1599.09
Biphenyl	87.89	112.01	62.05	57.48	109.94	80.75	86.17	84.44	141.42	183.54
Acenaphthylene	<22	41.84	20.97	193.09	0.00	<17	93.18	221.39	<20	76.05
Acenaphthene	<22	1153.17	219.64	132.92	199.27	145.31	369.04	<12	1344.04	745.59
Fluorene	153.28	263.87	84.75	242.34	83.27	144.11	204.12	35.25	111.43	48.71
Phenanthrene	594.84	447.94	116.15	212.17	234.21	379.86	392.33	317.49	454.83	438.94
Anthracene	<22	<18	<6.0	<11	<12	<17	<16	34.31	<20	32.87
Fluoranthene	189.37	136.14	43.17	87.23	92.96	139.89	188.45	118.67	180.36	236.91
Pyrene	107.28	81.58	<6.0	28.70	47.02	52.78	95.27	90.88	107.45	180.10
Cyclopenta[c,d]pyrene	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Benz[a]anthracene*	17.83	17.47	9.19	25.99	10.11	6.10	148.27	143.68	181.81	51.88
Chrysene*	10.02	15.84	61.09	169.76	12.13	162.78	92.13	57.66	51.10	105.30
Benzo[b]fluoranthene*	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Benzo[k]fluoranthene*	<22	<18	16.29	<11	<12	<17	<16	<12	<20	<15
Benzo[e]pyrene	<22	<18	<6.0	<11	<12	<17	<16	49.35	<20	<15
Benzo[a]pyrene*	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Indeno[1,2,3-c,d]pyrene*	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Dibenzo[a,h]anthracene*	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Benzo[g,h,i]perylene	<22	<18	<6.0	64.53	<12	<17	<16	<12	<20	<15
Coronene	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Sum of B2 PAH	27.85	33.31	86.57	195.75	22.23	168.89	240.40	201.34	232.91	157.18
Sum of target PAH	1455.59	2630.77	810.19	1390.87	1051.24	1422.40	1940.70	1451.07	3391.90	3698.97
PE										
Dibutylphthalate	119495.12	74798.63	32764.02	31449.20	67609.58	81775.67	98846.11	46856.73	147144.60	84240.92
Benzylbutylphthalate	15688.43	20781.71	5713.24	11926.33	36838.93	37865.05	32596.96	7713.15	23566.85	16453.78
Sum of Phthalates	135183.56	95580.35	38477.27	43375.53	104448.52	119640.72	131443.07	54569.88	170711.44	100694.70
OP and OC										
Diazinon	<22	<18	<6.0	0.00	479.39	3613.53	<16	<12	<20	<15
Chlorpyrifos	283.37	405.03	99.08	64.62	277.29	302.24	533.44	205.25	302.90	479.26
Lindane	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Heptachlor	<22	1495.45	<6.0	1079.72	1585.31	488.97	<16	<12	1479.41	834.95
Aldrin	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
gumma-Chlordane	1006.40	66.01	60.23	44.39	33.82	32.20	108.96	39.17	68.02	123.53
alpha-Chlordane	259.74	0.00	39.97	31.30	<12	30.16	25.13	<12	<20	79.34
p,p'-DDE	112.81	43.79	110.69	54.09	29.57	52.82	304.94	142.00	277.15	224.33
Dieldrin	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Endrin	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
p,p'-DDT	<22	<18	<6.0	<11	232.69	<17	<16	<12	<20	<15
Sum of OP	283.37	405.03	99.08	64.62	756.68	3915.77	533.44	205.25	302.90	479.26
Sum of OC	1378.95	1605.24	210.89	1209.51	1881.39	604.14	439.02	181.18	1824.58	1262.15
PCB										
2-Chlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
4-Chlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,6-Dichlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
4,4'-Dichlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,4,4'-Trichlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,2'5,5'-Tetrachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,2'3,5'-Tetrachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,3',4',5-Tetrachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
3,3'4,4'-Tetrachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,2'3,5'6-Pentachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,2'4,5,5'-Pentachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,2'3,4,5'-Pentachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,3,3'4',6-Pentachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,3'4,4',5-Pentachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,3,3',4,4'-Pentachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
3,3'4,4'5-Pentachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,2',4,4'5,5'-Hexachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,2',3,4,4',5'-Hexachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
3,3'4,4',5,5'-Hexachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
2,2',3,4,4',5,5'-Heptachlorobiphenyl	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Sum of Target PCB	<22	<18	<6.0	<11	<12	<17	<16	<12	<20	<15
Ph										
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nonylphenols	13604.23	14452.13	11365.53	11619.12	16467.92	16390.25	17039.46	12921.31	24527.61	24173.12
Bisphenol-A	3001.73	3342.82	1011.66	1084.78	1398.56	803.26	1789.67	925.83	1741.19	<37
Sum of Phenols	16605.96	17794.95	12377.19	12703.90	17866.48	17193.51	18829.13	13847.14	26268.80	24173.12
HA										
2,4-D	312.99	233.82	642.46	649.53	486.95	478.50	1653.00	564.31	1232.81	1542.59

* = B2-PAH, ND = not determined

Estimated Daily POP Exposure through Inhalation, Nondietary Ingestion, and Dietary Ingestion Pathways

	D01 ng/day	D02 ng/day	D03 ng/day	D04 ng/day	D05 ng/day	D06 ng/day	D07 ng/day	D08 ng/day	D09 ng/day	D10 ng/day
PAH										
Naphthalene	1789.43	1111.09	2933.27	718.22	1167.40	913.14	820.88	1277.97	1242.13	2937.64
Biphenyl	205.21	222.65	312.76	120.27	221.08	129.01	155.61	215.59	380.59	303.11
Acenaphthylene	11.85	52.88	33.09	202.47	10.20	7.48	100.93	241.36	20.45	94.15
Acenaphthene	42.54	1174.12	356.37	152.60	218.15	163.94	381.89	34.66	1367.66	772.01
Fluorene	183.52	285.84	107.60	260.36	104.02	161.13	220.71	62.67	139.74	76.99
Phenanthrene	1259.76	538.63	197.69	241.97	263.50	407.86	416.70	363.52	489.47	534.08
Anthracene	14.18	3.66	5.91	3.65	3.30	2.58	2.85	39.47	3.46	39.04
Fluoranthene	208.78	184.81	63.55	96.43	99.19	145.02	193.72	131.24	186.22	278.61
Pyrene	121.99	119.40	16.26	35.65	51.89	56.83	99.33	100.23	111.57	212.09
Cyclopenta[c,d]pyrene	1.96	3.53	2.26	0.63	0.56	0.35	0.41	1.40	0.59	4.04
Benz[a]anthracene*	25.50	29.99	17.77	28.40	11.99	7.18	149.96	148.01	183.90	67.32
Chrysene*	19.34	45.82	71.71	174.04	14.71	164.57	94.01	64.82	53.00	133.15
Benzo[b]fluoranthene*	10.40	28.63	8.29	4.69	2.90	2.03	2.38	8.02	1.44	43.13
Benzo[k]fluoranthene*	3.78	9.33	18.99	1.82	1.67	0.73	1.16	2.97	0.71	14.13
Benzo[e]pyrene	5.85	15.80	4.65	2.71	2.69	1.30	1.44	54.26	1.14	23.15
Benzo[a]pyrene*	8.48	17.20	6.81	5.48	5.66	2.43	1.73	6.77	0.87	27.11
Indeno[1,2,3-c,d]pyrene*	4.62	11.83	4.07	1.74	0.58	0.64	0.57	2.13	0.34	24.26
Dibenzo[a,h]anthracene*	1.37	2.62	1.07	0.46	0.40	0.17	0.13	0.54	0.13	5.75
Benzo[g,h,i]perylene	4.68	12.21	3.87	66.24	0.75	0.73	0.79	2.57	0.00	22.67
Coronene	0.56	3.25	0.47	0.12	0.03	0.02	0.03	0.10	0.03	7.30
Sum of B2 PAH	73.51	145.42	128.72	216.63	37.91	177.76	249.96	233.27	240.38	315.06
Sum of target PAH	3923.82	3873.33	4166.99	2117.95	2180.67	2167.33	2645.29	2758.02	4556.85	5610.48
PE										
Dibutylphthalate	121985.35	76435.97	34947.68	33187.12	69762.94	82932.99	99727.05	51648.69	148154.76	85959.48
Benzylbutylphthalate	19768.50	21765.34	7814.81	14924.00	40003.79	38779.35	33210.93	16248.54	25209.33	20650.49
Sum of Phthalates	141753.85	98201.31	42762.49	48111.12	109766.73	121712.34	132937.98	67897.22	173364.09	106609.98
OP and OC										
Diazinon	86.17	129.94	29.69	25.23	889.56	3646.90	29.14	97.48	40.92	36.65
Chlorpyrifos	401.77	492.90	154.10	140.79	376.71	349.20	557.83	320.53	314.24	552.96
Lindane	25.27	38.65	63.07	24.30	9.85	20.95	18.05	40.86	54.35	35.24
Heptachlor	120.83	1573.04	85.35	2802.41	1704.52	521.01	55.53	479.23	1514.14	1033.44
Aldrin	0.48	2.14	0.45	0.17	0.48	0.21	0.06	1.47	0.40	0.39
gumma-Chlordane	1164.44	74.27	142.42	119.16	48.16	35.90	111.54	58.45	70.43	139.25
alpha-Chlordane	367.84	4.87	97.59	67.00	8.21	32.29	27.23	8.14	1.96	86.86
p,p'-DDE	117.18	48.96	113.70	57.97	41.54	55.29	308.98	151.09	281.76	231.80
Dieldrin	5.57	5.06	8.97	49.31	27.60	3.32	30.04	5.71	47.03	20.78
Endrin	11.77	17.70	1.05	10.04	0.43	7.98	8.64	16.79	8.62	20.91
p,p'-DDT	6.37	6.31	2.39	1.25	233.34	2.50	0.99	2.98	1.64	2.59
Sum of OP	487.94	622.83	183.79	166.02	1266.27	3996.10	586.97	418.01	355.16	589.61
Sum of OC	1819.75	1770.99	514.98	3131.61	2074.13	679.44	561.04	764.72	1980.32	1571.25
PCB										
2-Chlorobiphenyl	8.61	4.01	15.47	11.38	16.94	9.47	14.14	15.54	88.73	24.07
4-Chlorobiphenyl	1.47	0.00	0.24	1.42	3.13	1.07	0.99	2.99	6.44	3.72
2,6-Dichlorobiphenyl	7.40	5.57	12.31	8.23	16.91	125.47	15.95	20.15	111.77	19.59
4,4'-Dichlorobiphenyl	0.00	0.00	2.35	0.13	1.45	69.91	0.00	0.16	6.53	3.49
2,4,4'-Trichlorobiphenyl	2.95	10.77	41.53	3.35	0.34	432.10	13.60	0.83	46.15	26.53
2,2'5,5'-Tetrachlorobiphenyl	6.67	5.62	7.68	14.94	15.82	71.03	22.50	17.07	24.06	182.45
2,2'3,5'-Tetrachlorobiphenyl	2.56	3.33	11.71	4.59	3.86	61.46	6.94	5.48	7.99	82.61
2,3',4',5-Tetrachlorobiphenyl	1.17	1.87	8.30	2.21	0.66	23.94	3.30	2.32	1.70	113.17
3,3'4,4'-Tetrachlorobiphenyl	0.17	0.47	0.49	0.70	0.57	0.86	0.23	0.44	0.51	1.02
2,2'3,5'6-Pentachlorobiphenyl	1.95	0.55	4.86	2.69	1.92	8.22	6.48	4.77	1.76	321.72
2,2'4,5,5'-Pentachlorobiphenyl	2.65	0.50	1.38	2.78	2.59	6.80	5.14	5.15	1.42	439.89
2,2'3,4,5'-Pentachlorobiphenyl	1.31	0.78	3.75	1.26	0.61	2.71	1.72	1.64	0.53	206.87
2,3,3'4',6-Pentachlorobiphenyl	3.34	1.42	5.56	3.90	3.04	6.09	3.99	5.20	2.06	446.64
2,3'4,4',5-Pentachlorobiphenyl	0.86	0.46	2.88	1.90	0.44	2.37	1.57	1.82	0.46	211.77
2,3,3',4,4'-Pentachlorobiphenyl	0.47	0.26	0.66	0.99	0.00	1.43	0.88	1.12	0.31	57.40
3,3'4,4'5-Pentachlorobiphenyl	0.00	2.42	0.32	0.88	0.58	0.62	0.43	2.30	0.00	8.05
2,2',4,4'5,5'-Hexachlorobiphenyl	0.92	1.02	2.33	2.09	1.31	2.70	1.37	1.83	0.84	95.84
2,2',3,4,4',5'-Hexachlorobiphenyl	0.66	1.00	0.92	0.29	0.00	1.35	0.40	1.13	0.00	130.26
3,3'4,4',5,5'-Hexachlorobiphenyl	0.45	1.51	5.44	3.10	1.91	2.45	0.37	0.74	2.61	1.94
2,2',3,4,4',5,5'-Heptachlorobiphenyl	0.00	0.49	0.00	0.24	0.00	0.77	0.53	0.00	0.00	81.34
Sum of Target PCB	43.67	42.44	128.21	67.22	72.06	830.94	100.52	90.80	304.03	2458.36
Ph										
Pentachlorophenol	91.17	9.65	5.69	8.05	16.23	4.99	4.10	7.43	5.27	18.19
Nonylphenols	15033.75	15641.07	13992.04	12924.29	18146.51	17178.93	17460.73	15053.12	25307.55	25111.50
Bisphenol-A	3072.60	3396.73	1050.70	1127.24	1502.75	835.40	1827.64	1117.43	1857.33	162.24
Sum of Phenols	18197.51	19047.45	15048.43	14059.58	19665.50	18019.32	19292.47	16177.98	27170.15	25291.93
HA										
2,4-D	316.68	235.99	643.08	659.40	488.96	483.42	1654.41	580.76	1240.57	1549.85

* = B2-PAH

Note that the zero value was used for the calculation of total POP dose for the POP which was not detected in the multimedia samples; the reported zero value here indicated that the target POP was not detected in all sample media (air, dust, soil, and food).

APPENDIX I. SUMMARY STATISTICAS FOR ESTIMATED CHILDREN'S DAILY PERSISTENT ORGANIC POLLUTANT EXPOSURE LEVELS IN PHASE 1 DAYCARE CENTERS

Summary Statistics for POP Exposure Data from Inhalation Pathway

	Mean ng/day	Standard Deviation ng/day	Minimum ng/day	Maximum ng/day
PAH				
Naphthalene	1071.05	673.10	541.30	2756.07
Biphenyl	125.87	68.43	48.22	250.48
Acenaphthylene	12.67	4.86	7.43	20.40
Acenaphthene	34.98	36.20	12.74	135.16
Fluorene	22.79	4.99	16.43	29.49
Phenanthrene	104.20	188.04	22.59	635.40
Anthracene	4.31	3.13	1.81	12.67
Fluoranthene	3.58	0.92	2.32	5.00
Pyrene	2.27	0.53	1.53	3.50
Cyclopenta[c,d]pyrene	0.10	0.00	0.10	0.10
Benz[a]anthracene*	0.59	0.15	0.28	0.82
Chrysene*	0.60	0.20	0.34	1.00
Benzo[b]fluoranthene*	0.69	0.26	0.10	1.03
Benzo[k]fluoranthene*	0.43	0.18	0.10	0.76
Benzo[e]pyrene	0.57	0.21	0.27	1.00
Benzo[a]pyrene*	0.54	0.20	0.30	0.94
Indeno[1,2,3-c,d]pyrene*	0.35	0.12	0.10	0.53
Dibenzo[a,h]anthracene*	0.10	0.00	0.10	0.10
Benzo[g,h,i]perylene	0.37	0.19	0.10	0.64
Coronene	0.10	0.00	0.10	0.10
Sum of B2 PAH	3.19	0.94	1.86	4.90
Sum of target PAH	1384.92	830.01	689.17	3259.73
PE				
Dibutylphthalate	1277.08	639.81	612.38	2671.17
Benzylbutylphthalate	551.89	803.79	86.38	2737.59
Sum of Phthalates	1828.97	1265.00	706.56	4656.08
OP and OC				
Diazinon	83.65	108.57	22.99	377.97
Chlorpyrifos	52.26	28.23	10.20	102.26
Lindane	32.66	16.70	9.19	62.81
Heptachlor	283.29	506.50	30.20	1681.48
Aldrin	0.37	0.33	0.00	1.26
gumma-Chlordane	30.33	44.08	1.78	136.51
alpha-Chlordane	18.67	29.08	1.42	90.43
p,p'-DDE	1.81	0.57	1.14	2.92
Dieldrin	1.84	2.61	0.30	7.32
Endrin	8.12	5.57	0.30	19.45
p,p'-DDT	0.83	1.20	0.30	4.13
Sum of OP	135.91	125.59	46.44	461.55
Sum of OC	377.18	521.05	62.72	1801.00
PCB				
2-Chlorobiphenyl	20.83	24.47	4.01	88.73
4-Chlorobiphenyl	2.16	1.94	0.10	6.44
2,6-Dichlorobiphenyl	34.17	44.66	5.22	124.59
4,4'-Dichlorobiphenyl	8.07	20.84	0.10	67.11
2,4,4'-Trichlorobiphenyl	54.53	124.95	0.34	407.22
2,2'5,5'-Tetrachlorobiphenyl	32.92	47.81	3.59	159.54
2,2'3,5'-Tetrachlorobiphenyl	16.37	24.21	1.14	68.62
2,3',4',5-Tetrachlorobiphenyl	14.07	31.48	0.33	102.03
3,3'4,4'-Tetrachlorobiphenyl	0.30	0.16	0.10	0.48
2,2'3,5'6-Pentachlorobiphenyl	26.30	72.63	0.37	232.92
2,2'4,5,5'-Pentachlorobiphenyl	31.13	89.71	0.31	286.40
2,2'3,4,5'-Pentachlorobiphenyl	13.81	39.34	0.10	125.76
2,3,3'4',6-Pentachlorobiphenyl	29.28	82.18	0.66	263.12
2,3'4,4',5-Pentachlorobiphenyl	12.76	37.05	0.10	118.20
2,3,3',4,4'-Pentachlorobiphenyl	3.43	9.31	0.10	29.90
3,3'4,4'5-Pentachlorobiphenyl	0.12	0.07	0.10	0.31
2,2',4,4'5,5'-Hexachlorobiphenyl	7.42	19.95	0.10	64.17
2,2',3,4,4',5'-Hexachlorobiphenyl	5.28	15.96	0.10	50.70
3,3'4,4',5,5'-Hexachlorobiphenyl	0.10	NA	0.10	0.10
2,2',3,4,4',5,5'-Heptachlorobiphenyl	0.41	0.91	0.10	2.98
Sum of Target PCB	313.08	499.14	25.74	1580.09
Ph				
Pentachlorophenol	13.30	24.59	2.30	82.70
Nonylphenols	1044.66	663.27	268.07	2496.20
Bisphenol-A	4.53	3.72	0.64	11.98
Sum of Phenols	1062.49	667.25	272.16	2503.59
HA				
2,4-D	1.02	0.87	0.30	2.82

* = B2-PAH, NA = not applied

Summary Statistics for POP Exposure Data from Dietary Ingestion Pathway

	Mean ng/day	Standard Deviation ng/day	Minimum ng/day	Maximum ng/day
PAH				
Naphthalene	419.74	421.93	1599.09	176.37
Biphenyl	100.57	38.20	183.54	57.48
Acenaphthylene	67.60	79.96	221.39	0.00
Acenaphthene	432.60	481.18	1344.04	6.00
Fluorene	137.11	79.18	263.87	35.25
Phenanthrene	358.88	140.82	594.84	116.15
Anthracene	12.82	11.20	34.31	3.00
Fluoranthene	141.32	58.34	236.91	43.17
Pyrene	79.41	49.73	180.10	3.00
Cyclopenta[c,d]pyrene	7.45	2.37	11.00	3.00
Benz[a]anthracene*	61.23	68.64	181.81	6.10
Chrysene*	73.78	58.33	169.76	10.02
Benzo[b]fluoranthene*	7.45	2.37	11.00	3.00
Benzo[k]fluoranthene*	8.78	3.19	16.29	5.50
Benzo[e]pyrene	11.79	13.40	49.35	3.00
Benzo[a]pyrene*	7.45	2.37	11.00	3.00
Indeno[1,2,3-c,d]pyrene*	7.45	2.37	11.00	3.00
Dibenzo[a,h]anthracene*	7.45	2.37	11.00	3.00
Benzo[g,h,i]perylene	13.35	18.13	64.53	3.00
Coronene	7.45	2.37	11.00	3.00
Sum of B2 PAH	136.64	86.46	240.40	22.23
Sum of target PAH	1924.37	988.05	3698.97	810.19
PE				
Dibutylphthalate	78498.06	36952.65	147144.60	31449.20
Benzylbutylphthalate	20914.44	11632.29	37865.05	5713.24
Sum of Phthalates	99412.50	43081.37	170711.44	38477.27
OP and OC				
Diazinon	414.74	1133.71	3613.53	0.00
Chlorpyrifos	295.25	150.18	533.44	64.62
Lindane	7.45	2.37	11.00	3.00
Heptachlor	699.18	679.21	1585.31	3.00
Aldrin	7.45	2.37	11.00	3.00
gumma-Chlordane	158.27	299.59	1006.40	32.20
alpha-Chlordane	48.76	77.65	259.74	0.00
p,p'-DDE	135.22	100.52	304.94	29.57
Dieldrin	7.45	2.37	11.00	3.00
Endrin	7.45	2.37	11.00	3.00
p,p'-DDT	30.12	71.21	232.69	3.00
Sum of OP	704.54	1147.39	3915.77	64.62
Sum of OC	1059.70	650.49	1881.39	181.18
PCB				
2-Chlorobiphenyl	NA	NA	NA	NA
4-Chlorobiphenyl	NA	NA	NA	NA
2,6-Dichlorobiphenyl	NA	NA	NA	NA
4,4'-Dichlorobiphenyl	NA	NA	NA	NA
2,4,4'-Trichlorobiphenyl	NA	NA	NA	NA
2,2'5,5'-Tetrachlorobiphenyl	NA	NA	NA	NA
2,2'3,5'-Tetrachlorobiphenyl	NA	NA	NA	NA
2,3',4',5-Tetrachlorobiphenyl	NA	NA	NA	NA
3,3'4,4'-Tetrachlorobiphenyl	NA	NA	NA	NA
2,2'3,5'6-Pentachlorobiphenyl	NA	NA	NA	NA
2,2'4,5,5'-Pentachlorobiphenyl	NA	NA	NA	NA
2,2'3,4,5'-Pentachlorobiphenyl	NA	NA	NA	NA
2,3,3'4',6-Pentachlorobiphenyl	NA	NA	NA	NA
2,3'4,4',5-Pentachlorobiphenyl	NA	NA	NA	NA
2,3.3',4,4'-Pentachlorobiphenyl	NA	NA	NA	NA
3,3'4,4'5-Pentachlorobiphenyl	NA	NA	NA	NA
2,2',4,4'5,5'-Hexachlorobiphenyl	NA	NA	NA	NA
2,2',3,4,4',5'-Hexachlorobiphenyl	NA	NA	NA	NA
3,3'4,4',5,5'-Hexachlorobiphenyl	NA	NA	NA	NA
2,2',3,4,4',5,5'-Heptachlorobiphenyl	NA	NA	NA	NA
Sum of Target PCB	NA	NA	NA	NA
Ph				
Pentachlorophenol				
Nonylphenols	16256.07	4697.52	24527.61	11365.53
Bisphenol-A	1511.80	1012.31	3342.82	18.50
Sum of Phenols	17766.02	4548.32	26268.80	12377.19
HA				
2,4-D	779.70	508.20	1653.00	233.82

* = B2-PAH, NA denotes not applied because PCB was not found I the food samples.

Estimated Daily POP Exposure through Inhalation Pathway by Types of Daycare Centers

	Head Start Daycare Centers				Regular Daycare Centers			
	Mean	Standard Deviation	Minimum	Maximum	Mean	Standard Deviation	Minimum	Maximum
	ng/day	ng/day	ng/day	ng/day	ng/day	ng/day	ng/day	ng/day
PAH								
Naphthalene	1400.486	984.371	602.220	2756.074	851.425	299.011	541.304	1338.353
Biphenyl	131.577	85.131	48.215	250.482	122.068	63.540	62.666	119.451
Acenaphthylene	10.430	2.092	7.425	11.961	14.155	5.761	7.725	17.771
Acenaphthene	53.886	55.185	18.385	135.159	22.376	7.375	12.742	26.242
Fluorene	22.535	5.198	16.926	29.494	22.954	5.340	16.429	27.891
Phenanthrene	202.070	289.706	26.918	635.398	38.958	22.731	22.587	83.389
Anthracene	5.281	5.032	1.812	12.668	3.658	1.107	2.543	5.446
Fluoranthene	3.949	0.709	3.373	4.871	3.331	1.011	2.317	4.996
Pyrene	2.317	0.253	1.968	2.509	2.238	0.687	1.533	3.496
Cyclopenta[c,d]pyrene	0.100	0.000	0.100	0.100	0.100	0.000	0.100	0.100
Benz[a]anthracene*	0.470	0.153	0.283	0.635	0.667	0.083	0.590	0.700
Chrysene*	0.495	0.105	0.340	0.560	0.663	0.236	0.348	0.804
Benzo[b]fluoranthene*	0.668	0.037	0.632	0.720	0.704	0.344	0.100	0.969
Benzo[k]fluoranthene*	0.341	0.043	0.296	0.383	0.492	0.219	0.100	0.609
Benzo[e]pyrene	0.465	0.080	0.402	0.574	0.639	0.252	0.270	0.837
Benzo[a]pyrene*	0.415	0.108	0.318	0.566	0.618	0.221	0.304	0.938
Indeno[1,2,3-c,d]pyrene*	0.349	0.047	0.286	0.400	0.352	0.155	0.100	0.472
Dibenzo[a,h]anthracene*	0.100	0.000	0.100	0.100	0.100	0.000	0.100	0.100
Benzo[g,h,i]perylene	0.334	0.071	0.236	0.401	0.394	0.246	0.100	0.642
Coronene	0.100	0.000	0.100	0.100	0.100	0.000	0.100	0.100
Sum of B2 PAH	2.745	0.307	2.333	2.990	3.486	1.125	1.864	4.325
Sum of target PAH	1836.133	1184.973	731.728	3259.734	1084.111	355.102	689.170	1619.715
PE								
Dibutylphthalate	1363.156	496.608	771.675	1918.496	1219.692	760.917	612.382	1413.755
Benzylbutylphthalate	1034.171	1171.752	88.917	2737.588	230.374	170.302	86.382	288.857
Sum of Phthalates	2397.327	1627.911	860.592	4656.084	1450.067	927.161	706.560	1702.612
OP and OC								
Diazinon	62.853	46.678	25.545	122.615	97.513	139.048	22.990	377.971
Chlorpyrifos	59.626	31.070	33.739	102.257	47.343	27.977	10.203	83.579
Lindane	36.543	18.991	20.436	62.810	30.064	16.294	9.189	35.085
Heptachlor	76.062	35.703	30.202	116.900	421.441	635.419	34.000	1681.484
Aldrin	0.541	0.481	0.300	1.263	0.250	0.122	0.000	0.300
gumma-Chlordane	52.167	63.250	2.279	136.510	15.764	21.458	1.775	58.618
alpha-Chlordane	35.101	42.229	1.421	90.427	7.713	9.608	1.548	26.896
p,p'-DDE	2.075	0.561	1.764	2.915	1.626	0.555	1.143	2.624
Dieldrin	3.261	3.536	0.300	7.324	0.891	1.447	0.300	3.843
Endrin	6.701	4.919	0.300	12.244	9.064	6.214	0.300	19.452
p,p'-DDT	1.624	1.716	0.300	4.132	0.300	0.000	0.300	0.300
Sum of OP	122.479	69.405	59.665	185.451	144.856	158.931	46.438	461.550
Sum of OC	213.550	144.035	62.718	388.748	486.263	663.733	85.296	1801.003
PCB								
2-Chlorobiphenyl	9.371	4.672	4.012	15.386	28.464	29.826	11.378	24.065
4-Chlorobiphenyl	0.720	0.658	0.100	1.468	3.116	1.941	0.987	3.718
2,6-Dichlorobiphenyl	37.381	58.216	5.223	124.591	32.034	39.289	8.225	19.408
4,4'-Dichlorobiphenyl	17.365	33.180	0.100	67.115	1.866	2.474	0.100	3.052
2,4,4'-Trichlorobiphenyl	114.574	195.699	2.951	407.219	14.505	17.800	0.340	25.029
2,2'5,5'-Tetrachlorobiphenyl	20.062	29.834	3.589	64.782	41.490	57.969	13.212	159.544
2,2'3,5'-Tetrachlorobiphenyl	16.947	25.384	1.143	54.499	15.977	25.841	3.730	68.624
2,3',4',5-Tetrachlorobiphenyl	7.211	9.308	0.331	20.477	18.640	40.860	0.660	102.027
3,3'4,4'-Tetrachlorobiphenyl	0.149	0.098	0.100	0.296	0.405	0.093	0.233	0.484
2,2'3,5'6-Pentachlorobiphenyl	3.403	2.927	0.370	7.006	41.571	93.758	1.684	232.921
2,2'4,5,5'-Pentachlorobiphenyl	2.301	2.347	0.314	5.574	50.345	115.650	1.422	286.396
2,2'3,4,5'-Pentachlorobiphenyl	1.684	1.365	0.100	3.379	21.896	50.883	0.535	125.756
2,3,3'4',6-Pentachlorobiphenyl	3.267	1.949	0.659	4.824	46.618	106.071	2.062	263.123
2,3'4,4',5-Pentachlorobiphenyl	1.116	0.930	0.100	2.171	20.529	47.853	0.436	118.204
2,3,3',4,4'-Pentachlorobiphenyl	0.320	0.309	0.100	0.755	5.500	11.960	0.100	29.902
3,3'4,4'5-Pentachlorobiphenyl	0.100	0.000	0.100	0.100	0.134	0.084	0.100	0.306
2,2',4,4'5,5'-Hexachlorobiphenyl	0.899	0.675	0.100	1.541	11.771	25.674	0.773	64.174
2,2',3,4,4',5'-Hexachlorobiphenyl	0.389	0.272	0.100	0.635	8.533	20.656	0.100	50.697
3,3'4,4',5,5'-Hexachlorobiphenyl	0.100	0.000	0.100	0.100	0.100	0.000	0.100	0.100
2,2',3,4,4',5,5'-Heptachlorobiphenyl	0.134	0.069	0.100	0.237	0.589	1.172	0.100	2.982
Sum of Target PCB	237.056	359.461	25.742	773.397	363.760	602.681	55.394	1580.092
Ph								
Pentachlorophenol	24.228	39.042	2.298	82.695	6.010	3.802	2.661	12.923
Nonylphenols	1275.528	864.573	500.398	2496.199	890.755	521.832	268.071	1348.289
Bisphenol-A	3.168	3.118	0.641	7.560	5.435	4.081	1.432	11.985
Sum of Phenols	1302.924	864.634	503.995	2503.588	902.200	525.146	272.164	1367.421
HA								
2,4-D	0.453	0.305	0.300	0.910	1.398	0.937	0.300	1.603

* = B2-PAH

Estimated Daily POP Exposure through Nondietary ingestion Pathway by Types of Daycare Centers

	Head Start Daycare Centers				Regular Daycare Centers			
	Mean	Standard Deviation	Minimum	Maximum	Mean	Standard Deviation	Minimum	Maximum
	ng/day	ng/day	ng/day	ng/day	ng/day	ng/day	ng/day	ng/day
PAH								
Naphthalene	0.454	0.298	0.109	0.826	0.268	0.107	0.113	0.391
Biphenyl	0.157	0.082	0.042	0.231	0.148	0.062	0.060	0.188
Acenaphthylene	0.195	0.175	0.058	0.450	0.193	0.137	0.032	0.428
Acenaphthene	0.829	0.582	0.244	1.573	0.275	0.195	0.017	0.426
Fluorene	0.481	0.279	0.096	0.741	0.284	0.082	0.165	0.385
Phenanthrene	14.213	11.827	1.074	29.513	5.236	4.071	1.774	12.699
Anthracene	1.301	0.759	0.183	1.851	0.488	0.182	0.288	0.775
Fluoranthene	19.450	18.012	1.721	44.528	14.567	16.872	2.945	46.557
Pyrene	15.891	14.231	1.545	35.527	11.503	13.230	2.338	36.640
Cyclopenta[c,d]pyrene	2.025	1.305	0.353	3.525	1.881	2.129	0.408	5.976
Benz[a]anthracene*	6.991	4.643	0.789	11.973	6.444	8.481	1.098	22.911
Chrysene*	12.429	11.944	1.443	29.414	12.613	18.213	1.253	48.463
Benzo[b]fluoranthene*	11.670	11.444	1.373	27.997	14.803	19.929	1.559	52.396
Benzo[k]fluoranthene*	3.797	3.660	0.421	8.963	5.002	6.628	0.644	17.606
Benzo[e]pyrene	6.437	6.166	0.896	15.227	7.905	10.116	0.886	26.933
Benzo[a]pyrene*	8.316	6.105	2.070	16.629	10.612	11.870	1.172	33.352
Indeno[1,2,3-c,d]pyrene*	4.940	4.742	0.274	11.548	7.894	12.637	0.112	31.933
Dibenzo[a,h]anthracene*	1.308	1.013	0.167	2.619	2.149	3.249	0.128	8.438
Benzo[g,h,i]perylene	5.039	4.939	0.327	11.978	7.406	11.598	0.107	29.451
Coronene	1.075	1.471	0.018	3.253	2.013	3.323	0.027	8.127
Sum of B2 PAH	49.450	43.014	6.537	109.143	59.518	80.843	6.044	215.099
Sum of target PAH	116.997	94.725	13.203	242.477	111.685	142.321	15.418	383.654
PE								
Dibutylphthalate	503.980	100.387	385.645	601.240	748.976	724.046	65.349	753.309
Benzylbutylphthalate	985.717	421.000	463.568	1342.473	3495.987	2484.004	519.787	4018.956
Sum of Phthalates	1489.697	503.441	920.865	1914.211	4244.963	3106.872	788.350	4084.305
OP and OC								
Diazinon	6.940	1.984	4.149	8.840	9.136	12.402	1.412	32.194
Chlorpyrifos	17.435	5.211	13.219	25.029	22.544	18.747	5.679	31.904
Lindane	0.441	0.290	0.173	0.819	0.435	0.179	0.218	0.659
Heptachlor	2.893	0.998	1.841	3.929	14.311	16.859	0.970	41.207
Aldrin	0.504	0.279	0.209	0.882	0.474	0.509	0.055	0.484
gumma-Chlordane	10.876	9.988	1.419	21.524	6.506	5.626	0.688	16.154
alpha-Chlordane	8.079	8.113	0.706	17.671	3.251	3.017	0.392	8.802
p,p'-DDE	1.683	1.154	0.713	3.351	4.908	3.200	2.293	10.218
Dieldrin	2.617	2.006	0.451	5.057	24.329	17.545	3.254	49.307
Endrin	2.998	2.141	1.049	5.453	1.949	2.092	0.429	1.899
p,p'-DDT	2.843	1.531	1.570	5.064	1.876	1.087	0.652	3.274
Sum of OP	24.375	5.817	19.495	32.350	31.679	24.519	7.090	48.041
Sum of OC	32.934	16.456	12.578	52.048	58.040	33.128	30.999	121.105
PCB								
2-Chlorobiphenyl	0.042	0.025	0.030	0.079	0.030	0.000	0.030	0.030
4-Chlorobiphenyl	0.030	0.000	0.030	0.030	0.030	0.000	0.030	0.030
2,6-Dichlorobiphenyl	0.322	0.400	0.030	0.877	0.132	0.142	0.030	0.380
4,4'-Dichlorobiphenyl	0.763	1.356	0.030	2.793	0.095	0.117	0.030	0.132
2,4,4'-Trichlorobiphenyl	7.274	11.811	0.030	24.882	0.738	0.691	0.030	1.866
2,2'5,5'-Tetrachlorobiphenyl	2.688	2.431	0.774	6.246	7.670	11.742	0.329	29.946
2,2'3,5'-Tetrachlorobiphenyl	2.819	2.825	0.771	6.965	4.506	7.384	0.030	18.520
2,3',4',5-Tetrachlorobiphenyl	1.617	1.409	0.030	3.460	3.396	5.786	0.030	14.326
3,3'4,4'-Tetrachlorobiphenyl	0.423	0.174	0.170	0.563	0.209	0.185	0.030	0.464
2,2'3,5'6-Pentachlorobiphenyl	0.488	0.501	0.124	1.209	26.828	46.876	0.030	115.458
2,2'4,5,5'-Pentachlorobiphenyl	0.531	0.476	0.186	1.227	46.224	80.931	0.231	199.193
2,2'3,4,5'-Pentachlorobiphenyl	0.486	0.358	0.030	0.782	24.313	42.768	0.030	105.102
2,3,3'4',6-Pentachlorobiphenyl	0.837	0.402	0.446	1.400	55.235	96.695	0.030	237.974
2,3'4,4',5-Pentachlorobiphenyl	0.554	0.253	0.240	0.801	28.346	49.519	0.030	122.028
2,3,3',4,4'-Pentachlorobiphenyl	0.435	0.183	0.257	0.676	8.225	14.333	0.030	35.265
3,3'4,4'5-Pentachlorobiphenyl	0.848	1.073	0.030	2.416	3.053	3.867	0.270	10.393
2,2',4,4'5,5'-Hexachlorobiphenyl	0.870	0.421	0.333	1.335	9.997	17.413	0.030	43.168
2,2',3,4,4',5'-Hexachlorobiphenyl	0.620	0.318	0.288	1.003	24.578	42.802	0.030	105.826
3,3'4,4',5,5'-Hexachlorobiphenyl	2.462	2.150	0.447	5.444	1.907	1.147	0.371	3.099
2,2',3,4,4',5,5'-Heptachlorobiphenyl	0.269	0.277	0.030	0.530	23.548	41.219	0.030	101.420
Sum of Target PCB	24.261	23.029	4.486	57.540	268.863	462.846	2.909	1144.376
Ph								
Pentachlorophenol	3.647	3.255	1.477	8.471	4.769	3.538	1.436	9.333
Nonylphenols	232.886	77.772	130.310	297.956	304.576	142.507	153.201	330.307
Bisphenol-A	45.821	15.105	30.843	63.304	95.291	56.767	36.539	92.206
Sum of Phenols	282.354	81.133	167.657	353.170	404.636	196.752	191.176	431.597
HA								
2,4-D	2.619	2.025	0.619	4.922	9.414	9.140	0.826	25.113

* = B2-PAH

APPENDIX J. SUMMARY OF RECOVERIES DATA OF THE SPIKED POP IN PHASE 1 MULTIMEDIA SAMPLES

Compound[a]	Recovery, %				
	Maximum	Minimum	Mean	RSD	%RSD
Air					
Pyrene-d_{10}	95	71	83	6.7	8.0
Chrysene-d_{12}	101	70	87	8.4	9.7
DDE-C_{13}	110	77	88	6.4	7.3
DDT-C_{13}	95	75	85	4.6	5.5
2,2',4,5,5'-pentachlorobiphenyl-C_{13}	127	77	101	15	15
3,4-D	92	51	74	12	16
Dust/Soil					
Pyrene-d_{10}	106	64	82	9.8	12
Chrysene-d_{12}	117	68	97	13	13
DDE-C_{13}	134	73	90	13	14
DDT-C_{13}	133	75	105	15	14
2,2',4,5,5'-pentachlorobiphenyl-C_{13}	114	75	93	11	12
3,4-D	84	107	61	14	16
Food					
Pyrene-d_{10}	115	77	98	11	11
Chrysene-d_{12}	132	88	107	10	10
DDE-C_{13}	119	73	97	13	13
DDT-C_{13}	168	65	100	29	29
2,2',4,5,5'-pentachlorobiphenyl-C_{13}	130	73	103	15	15
Fenchlorfos	119	75	101	15	14
3,4-D	68	101	43	13	19

[a] Air denotes data from the indoor and outdoor air samples; dust/soil denotes data fro HVS3 carpet dust, vacuum bag carpet dust and playground soil samples; food denotes data from the liquid and solid food samples. The recoveries of DDT-C_{13} were corrected for the factor that accounted for higher GC responses in the sample extracts as opposed to the standard solutions.

Dust Samples Compound	Dust-Dup1 ppm	Dust-Dup2 ppm	Average ppm	RSD ppm	RSD, % %
PAH					
Naphthalene	0.025	0.027	0.026	0.001	3.2
Biphenyl	0.007	0.007	0.007	0.000	3.9
Acenaphthylene	0.005	0.006	0.005	0.001	16.0
Acenaphthene	0.041	0.058	0.050	0.012	23.3
Fluorene	0.019	0.020	0.019	0.001	2.8
Phenanthrene	0.363	0.323	0.343	0.029	8.4
Anthracene	0.052	0.053	0.053	0.001	1.1
Fluoranthene	0.565	0.507	0.536	0.041	7.6
Pyrene	0.471	0.429	0.450	0.030	6.6
Cyclopenta[c,d]pyrene	0.069	0.074	0.072	0.004	5.2
Benz[a]anthracene*	0.253	0.263	0.258	0.007	2.7
Chrysene*	0.305	0.330	0.318	0.017	5.5
Benzo[b]fluoranthene*	0.234	0.248	0.241	0.009	3.9
Benzo[k]fluoranthene*	0.082	0.069	0.076	0.009	12.1
Benzo[e]pyrene	0.117	0.147	0.132	0.021	16.2
Benzo[a]pyrene*	0.169	0.237	0.203	0.048	23.7
Indeno[1,2,3-c,d]pyrene*	0.099	0.139	0.119	0.028	23.6
Dibenzo[a,h]anthracene*	0.029	0.040	0.034	0.008	22.6
Benzo[g,h,i]perylene	0.098	0.126	0.112	0.020	17.7
Coronene	0.015	0.015	0.015	0.001	3.5
Sum of B2 PAH	1.172	1.325	1.248	0.109	8.7
Sum of target PAH	3.019	3.117	3.068	0.069	2.3
Phthalate Ester					
Dibutylphthalate	21.643	16.812	19.227	3.416	17.8
Benzylbutylphthalate	34.975	48.949	41.962	9.881	23.5
Sum of PE	56.618	65.761	61.189	6.465	10.6
OP and OC Pesticides					
Diazinon	0.143	0.122	0.133	0.015	11.1
Chlorpyrifos	0.506	0.476	0.491	0.021	4.2
Lindane	0.009	0.008	0.008	0.001	10.9
Heptachlor	0.067	0.078	0.073	0.008	10.5
Aldrin	0.015	0.014	0.014	0.001	6.4
gamma-Chlordane	0.569	0.532	0.550	0.027	4.8
alpha-Chlordane	0.378	0.384	0.381	0.004	1.2
p,p'-DDE	0.040	0.037	0.039	0.002	5.7
Dieldrin	0.056	0.049	0.053	0.005	8.8
Endrin	0.030	0.037	0.034	0.005	14.1
p,p'-DDT	0.048	0.053	0.050	0.004	7.1
Sum of OP	0.648	0.598	0.623	0.035	5.7
Sum of OC	1.212	1.191	1.201	0.015	1.2
PCB					
2-Chlorobiphenyl	0.002	0.003	0.003	0.000	11.1
4-Chlorobiphenyl	<0.002	<0.002	<0.002	NA	NA
2,6-Dichlorobiphenyl	<0.002	<0.002	<0.002	NA	NA
4,4'-Dichlorobiphenyl	0.006	0.007	0.006	0.001	18.4
2,4,4'-Trichlorobiphenyl	0.108	0.095	0.101	0.009	8.9
2,2'5,5'-Tetrachlorobiphenyl	0.054	0.054	0.054	0.000	0.0
2,2'3,5'-Tetrachlorobiphenyl	0.039	0.048	0.043	0.006	14.9
2,3',4',5-Tetrachlorobiphenyl	0.043	0.049	0.046	0.005	10.0
3,3'4,4'-Tetrachlorobiphenyl	0.017	0.014	0.016	0.002	13.1
2,2'3,5'6-Pentachlorobiphenyl	0.012	0.017	0.014	0.003	24.7
2,2'4,5,5'-Pentachlorobiphenyl	0.011	0.018	0.014	0.005	32.2
2,2'3,4,5'-Pentachlorobiphenyl	0.010	0.014	0.012	0.003	26.6
2,3,3'4',6-Pentachlorobiphenyl	0.022	0.026	0.024	0.003	10.9
2,3'4,4',5-Pentachlorobiphenyl	0.023	0.022	0.023	0.001	3.4
2,3,3',4,4'-Pentachlorobiphenyl	0.011	0.010	0.011	0.001	4.8
3,3'4,4'5-Pentachlorobiphenyl	0.011	0.010	0.010	0.001	4.8
2,2',4,4'5,5'-Hexachlorobiphenyl	0.027	0.024	0.025	0.002	6.7
2,2',3,4,4',5'-Hexachlorobiphenyl	0.010	0.009	0.009	0.001	9.7
3,3'4,4',5,5'-Hexachlorobiphenyl	0.172	0.177	0.174	0.004	2.0
2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.002	<0.002	<0.002	NA	NA
Sum of Target PCB	0.576	0.596	0.586	0.014	2.5
Phenols					
Pentchlorophenol	0.520	0.502	0.511	0.013	2.5
Nonylphenols	8.562	10.139	9.351	1.116	11.9
Bisphenol-A	2.779	2.469	2.624	0.219	8.4
Sum of Phenols	11.860	13.110	12.485	0.884	7.1
HA					
2,4-D	0.125	0.111	0.118	0.010	8.7

* = B2-PAH, NA = not applied

Liquid Food Samples

Compound	Liquid -Dup1 ppb	Liquid-Dup2 ppb	Average ppb	RSD ppb	%RSD %
PAH					
Naphthalene	0.359	0.328	0.344	0.022	6.3
Biphenyl	0.080	0.062	0.071	0.012	17.2
Acenaphthylene	<0.04	<0.04	<0.04	NA	NA
Acenaphthene	1.853	1.581	1.717	0.193	11.2
Fluorene	0.088	0.082	0.085	0.004	5.2
Phenanthrene	0.219	0.216	0.217	0.002	0.9
Anthracene	<0.04	<0.04	<0.04	NA	NA
Fluoranthene	0.123	0.121	0.122	0.001	1.1
Pyrene	0.060	0.049	0.055	0.007	13.6
Cyclopenta[c,d]pyrene	<0.04	<0.04	<0.04	NA	NA
Benz[a]anthracene*	<0.04	<0.04	<0.04	NA	NA
Chrysene*	<0.04	<0.04	<0.04	NA	NA
Benzo[b]fluoranthene*	<0.04	<0.04	<0.04	NA	NA
Benzo[k]fluoranthene*	<0.04	<0.04	<0.04	NA	NA
Benzo[e]pyrene	<0.04	<0.04	<0.04	NA	NA
Benzo[a]pyrene*	<0.04	<0.04	<0.04	NA	NA
Indeno[1,2,3-c,d]pyrene*	<0.04	<0.04	<0.04	NA	NA
Dibenzo[a,h]anthracene*	<0.04	<0.04	<0.04	NA	NA
Benzo[g,h,i]perylene	<0.04	<0.04	<0.04	NA	NA
Coronene	<0.04	<0.04	<0.04	NA	NA
Sum of B2 PAH	<0.04	<0.04	<0.04	NA	NA
Sum of target PAH	2.782	2.440	3.315	0.242	7.3
Phthalate Ester					
Dibutylphthalate	53.771	48.415	51.093	3.787	7.4
Benzylbutylphthalate	36.964	33.614	35.289	2.369	6.7
Sum of PE	90.735	82.029	86.382	6.156	7.1
OP and OC Pesticides					
Diazinon	<0.04	<0.04	<0.04	NA	NA
Chlorpyrifos	0.113	0.118	0.115	0.004	3.2
Lindane	<0.04	<0.04	<0.04	NA	NA
Heptachlor	0.560	0.780	0.670	0.156	23.3
Aldrin	<0.04	<0.04	<0.04	NA	NA
gamma-Chlordane	<0.04	<0.04	<0.04	NA	NA
alpha-Chlordane	<0.04	<0.04	<0.04	NA	NA
p,p'-DDE	0.146	0.162	0.154	0.011	7.3
Dieldrin	<0.08	<0.08	<0.08	NA	NA
Endrin	<0.04	<0.04	<0.04	NA	NA
p,p'-DDT	<0.04	<0.04	<0.04	NA	NA
Sum of OP	0.113	0.118	0.115	0.004	3.2
Sum of OC	0.706	0.943	0.824	0.167	20.3
PCB					
2-Chlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
4-Chlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,6-Dichlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
4,4'-Dichlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,4,4'-Trichlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'5,5'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'3,5'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,3',4',5-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
3,3'4,4'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'3,5'6-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'4,5,5'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'3,4,5'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,3,3'4',6-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,3'4,4',5-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,3,3',4,4'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
3,3'4,4'5-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2',4,4'5,5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2',3,4,4',5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
3,3'4,4',5,5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
Sum of Target PCB	<0.04	<0.04	<0.04	NA	NA
Phenols					
Pentchlorophenol	NA	NA	NA	NA	NA
Nonylphenols	9.553	7.303	8.428	1.591	18.9
Bisphenol-A	<0.1	<0.1	<0.1	NA	NA
Sum of Phenols	9.553	7.303	8.428	1.591	18.9
HA					
2,4-D	2.700	0.710	1.705	1.407	82.5

* = B2-PAH, NA = not applied

Solid Food Samples Compound	Solid-Dup1 ppb	Solid-Dup2 ppb	Average ppb	RSD ppb	%RSD %
PAH					
Naphthalene	0.532	0.539	0.535	0.005	1.0
Biphenyl	0.204	0.217	0.210	0.010	4.7
Acenaphthylene	<0.04	<0.04	<0.04	<0.04	NA
Acenaphthene	0.872	0.886	0.879	0.010	1.1
Fluorene	0.128	0.141	0.134	0.009	6.6
Phenanthrene	0.724	0.653	0.689	0.050	7.3
Anthracene	<0.04	<0.04	<0.04	<0.04	NA
Fluoranthene	0.225	0.245	0.235	0.014	6.1
Pyrene	0.159	0.159	0.159	0.000	0.2
Cyclopenta[c,d]pyrene	<0.04	<0.04	<0.04	<0.04	NA
Benz[a]anthracene*	0.302	0.436	0.369	0.095	25.7
Chrysene*	0.115	0.092	0.104	0.016	15.7
Benzo[b]fluoranthene*	<0.04	<0.04	<0.04	<0.04	NA
Benzo[k]fluoranthene*	<0.04	<0.04	<0.04	<0.04	NA
Benzo[e]pyrene	<0.04	<0.04	<0.04	<0.04	NA
Benzo[a]pyrene*	<0.04	<0.04	<0.04	<0.04	NA
Indeno[1,2,3-c,d]pyrene*	<0.04	<0.04	<0.04	<0.04	NA
Dibenzo[a,h]anthracene*	<0.04	<0.04	<0.04	<0.04	NA
Benzo[g,h,i]perylene	<0.04	<0.04	<0.04	<0.04	NA
Coronene	<0.04	<0.04	<0.04	<0.04	NA
Sum of B2 PAH	0.417	0.528	0.473	0.078	16.6
Sum of target PAH	3.261	3.369	3.315	0.076	2.3
Phthalate Ester					
Dibutylphthalate	221.851	265.271	243.561	30.702	12.6
Benzylbutylphthalate	8.101	11.570	9.836	2.453	24.9
Sum of PE	229.953	276.841	253.397	33.155	13.1
OP and OC Pesticides					
Diazinon	<0.04	<0.04	<0.04	NA	NA
Chlorpyrifos	0.448	0.532	0.490	0.059	12.1
Lindane	<0.04	<0.04	<0.04	NA	NA
Heptachlor	2.334	2.227	2.280	0.075	3.3
Aldrin	<0.04	<0.04	<0.04	NA	NA
gamma-Chlordane	0.164	0.112	0.138	0.037	26.8
alpha-Chlordane	<0.04	<0.04	<0.04	NA	NA
p,p'-DDE	0.379	0.413	0.396	0.024	6.1
Dieldrin	<0.08	<0.08	<0.08	NA	NA
Endrin	<0.04	<0.04	<0.04	NA	NA
p,p'-DDT	<0.04	<0.04	<0.04	NA	NA
Sum of OP	0.448	0.532	0.490	0.059	12.1
Sum of OC	2.877	2.752	2.815	0.088	3.1
PCB					
2-Chlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
4-Chlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,6-Dichlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
4,4'-Dichlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,4,4'-Trichlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'5,5'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'3,5'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,3',4',5-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
3,3'4,4'-Tetrachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'3,5'6-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'4,5,5'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2'3,4,5'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,3,3'4',6-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,3'4,4',5-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,3,3',4,4'-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
3,3'4,4'5-Pentachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2',4,4'5,5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2',3,4,4',5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
3,3'4,4',5,5'-Hexachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.04	<0.04	<0.04	NA	NA
Sum of Target PCB	<0.04	<0.04	<0.04	NA	NA
Phenols					
Pentchlorophenol	NA	NA	NA	NA	NA
Nonylphenols	38.093	43.296	40.694	3.679	9.0
Bisphenol-A	3.639	3.427	3.533	0.150	4.2
Sum of Phenols	41.732	46.723	44.227	3.529	8.0
HA					
2,4-D	0.323	0.193	0.258	0.092	35.6

* = B2-PAH, NA = not applied

APPENDIX L. LEVELS OF TARGET POP FOUND IN PHASE 1 FIELD BLANKS

Target Analyte	Amount, ng			
	Air	Dust/Soil	Liquid Food	Solid Food
PAH				
Naphthalene	28.0	1.06	3.77	5.41
Biphenyl	1.73	<1	1.14	1.59
Acenaphthylene	<0.5	<1	<1	3.55
Acenaphthene	<0.5	6.90	31.0	19.4
Fluorene	<0.5	<1	<1	<1
Phenanthrene	5.56	<1	2.23	3.42
Anthracene	<0.5	<1	<1	<1
Fluoranthene	<0.5	<1	<1	1.78
Pyrene	<0.5	<1	<1	<1
Cyclopenta[c,d]pyrene	<0.5	<1	<1	<1
Benz[a]anthracene*	<0.5	<1	<1	<1
Chrysene*	<0.5	<1	<1	<1
Benzo[b]fluoranthene	<0.5	<1	<1	<1
Benzo[k]fluoranthene	<0.5	<1	<1	<1
Benzo[e]pyrene	<0.5	<1	<1	<1
Benzo[a]pyrene	<0.5	<1	<1	<1
Indeno[1,2,3,c,d]pyrene	<0.5	<1	<1	<1
Dibenzo[a,h]anthracene	<0.5	<1	<1	<1
Benzo[g,h,i]perylene	<0.5	<1	<1	<1
Coronene	<0.5	<1	<1	<1
Sum of B2 PAH	<0.5	<1	<1	<1
Sum of target PAH	35.2	7.96	38.1	35.2
Phthalate Ester				
Dibutylphthalate	114	25.6	74.7	709
Benzylbutylphthalate	98.1	11.5	241	645
Sum of PE	212	37.1	98.1	1354
OP and OC Pesticides				
Diazinon	4.06	<1	<1	<1
Chlorpyrifos	<1	<1	<1	<1
Lindane	<1	<1	<1	<1
Heptachlor	<1	<1	<1	<1
Aldrin	<1	<1	<1	<1
gamma-Chlordane	<1	<1	<1	<1
alpha-Chlordane	<1	<1	<1	<1

Target Analyte	Amount, ng			
	Air	Dust/Soil	Liquid Food	Solid Food
p,p'-DDE	<1	<1	<1	<1
Dieldrin	<1	<1	<1	<1
Endrin	<1	<1	<1	<1
p,p'-DDT	<1	<1	<1	<1
Sum of OP	<1	<1	<1	<1
Sum of OC	<1	<1	<1	<1
PCB				
2-Chlorobiphenyl	<0.5	<1	<1	<1
4-Chlorobiphenyl	<0.5	<1	<1	<1
2,6-Dichlorobiphenyl	<0.5	<1	<1	<1
4,4'-Dichlorobiphenyl	<0.5	<1	<1	<1
2,4,4'-Trichlorobiphenyl	<0.5	<1	<1	<1
2,2'5,5'-Tetrachlorobiphenyl	<0.5	<1	<1	<1
2,2'3,5-Tetrachlorobiphenyl	<0.5	<1	<1	<1
2,3',4',5-Tetrachlorobiphenyl	<0.5	<1	<1	<1
3,3'4,4'-Tetrachlorobiphenyl	<0.5	<1	<1	<1
2,2'3,5'6-Pentachlorobiphenyl	<0.5	<1	<1	<1
2,2'4,5,5'-Pentachlorobiphenyl	<0.5	<1	<1	<1
2,2'3,4,5'-Pentachlorobiphenyl	<0.5	<1	<1	<1
2,3,3'4',6-Pentachlorobiphenyl	<0.5	<1	<1	<1
2,3'4,4',5-Pentachlorobiphenyl	<0.5	<1	<1	<1
2,3,3',4,4'-Pentachlorobiphenyl	<0.5	<1	<1	<1
3,3'4,4'5-Pentachlorobiphenyl	<0.5	<1	<1	<1
2,2',4,4'5,5'-Hexachlorobiphenyl	<0.5	<1	<1	<1
2,2',3,4,4',5'-Hexachlorobiphenyl	<0.5	<1	<1	<1
3,3'4,4',5,5'-Hexachlorobiphenyl	<0.5	<1	<1	<1
2,2',3,4,4',5,5'-Heptachlorobiphe	<0.5	<1	<1	<1
Sum of Target PCB	<0.5	<1	<1	<1
Phenols				
Pentchlorophenol	<1	<1	NA[(A)]	NA
Nonylphenols	76.0	22.9	105	<1
Bisphenol-A	<1	23.4	<1	<1
Sum of Phenols	76.0	46.3	<1	<1
HA				
2,4-D	2.57	6.31	16.3	21.6

(a) NA denotes not applied; this analyte was not determined in the food blanks.

APPENDIX M. TARGET POP CONCENTRATIONS IN PHASE 2 MULTIMEDIA SAMPLES

Table M-1. Data Listing for Phase 2 Data: Indoor Air Samples, ng/m3

Compound Class	COMPOUND	DO3_1	DO3_2	DO9_1	DO9_2	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
PAH	Naphthalene	1043.611	926.767	141.098	145.691	274.184	153.426	530.759	173.540	358.702	1236.147	403.783	199.028	384.614
	Biphenyl	100.671	84.072	40.918	51.698	75.951	37.453	32.168	16.882	52.852	37.004	85.379	49.290	43.292
	Acenaphthylene	4.490	2.616	2.329	2.418	5.395	3.006	4.786	3.528	1.716	2.651	4.317	2.561	3.350
	Acenaphthene	52.119	43.367	3.890	4.516	11.514	0.852	1.308	8.133	3.956	6.856	6.146	4.746	0.288
	Fluorene	8.257	6.165	4.754	5.197	9.829	3.706	7.065	4.477	4.000	5.072	4.991	4.577	4.196
	Phenanthrene	31.308	20.938	10.652	6.610	18.951	5.377	6.260	6.611	6.351	11.391	6.096	13.480	8.114
	Anthracene	1.043	0.517	0.625	0.534	1.146	0.452	0.580	0.472	0.484	0.638	0.639	0.858	0.552
	Fluoranthene	1.251	0.738	0.431	0.421	1.103	0.177	0.397	0.418	0.169	0.474	0.383	0.576	0.521
	Pyrene	0.645	0.379	0.217	0.216	0.599	0.160	0.241	0.270	0.155	0.295	0.300	0.394	0.309
	Cyclopenta[c,d]pyrene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.101	<0.040	<0.040	<0.040	<0.040	<0.040	0.102
	Benz[a]anthracene*	0.078	0.067	0.064	0.076	0.109	0.061	0.099	0.068	0.064	0.067	0.073	0.072	0.074
	Chrysene*	0.128	0.083	0.082	0.101	0.172	0.076	0.164	0.092	0.078	0.082	0.107	0.098	0.103
	Benzo[b]fluoranthene*	0.148	0.124	0.121	0.140	0.204	0.114	0.178	0.136	0.116	0.127	0.136	0.134	0.138
	Benzo[k]fluoranthene*	0.068	0.090	0.089	0.092	0.111	0.090	0.100	0.089	0.092	0.090	0.098	0.093	0.092
	Benzo[e]pyrene	0.063	0.053	0.051	0.066	0.094	0.050	0.082	0.062	0.050	0.057	0.057	0.060	0.063
	Benzo[a]pyrene*	0.082	0.067	0.061	0.073	0.129	0.066	0.184	0.088	0.057	0.061	0.073	0.080	0.075
	Indeno[1,2,3-c,d]pyrene*	0.107	0.092	0.088	0.101	0.140	0.086	0.149	0.114	0.090	0.101	0.098	0.105	0.103
	Dibenzo[a,h]anthracene*	0.055	0.048	0.048	0.070	0.098	0.057	0.129	0.063	<0.040	0.061	0.073	0.061	0.071
	Benzo[g,h,i]perylene	0.153	0.069	0.064	0.075	0.111	0.064	0.107	0.103	0.064	0.083	0.075	0.080	0.076
	Coronene	0.122	0.073	0.078	0.080	0.091	0.077	0.099	0.107	0.079	0.089	0.088	0.086	0.083
	Sum of B2 PAH	0.666	0.570	0.553	0.653	0.964	0.550	1.001	0.650	0.496	0.589	0.657	0.642	0.656
	Sum of target PAH	1244.400	1086.323	205.662	218.174	399.933	205.351	584.955	215.253	429.073	1301.346	512.910	276.376	446.217
PE	Dibutylphthalate	785.567	707.830	222.372	236.055	375.617	260.976	243.633	239.959	228.688	198.785	450.540	189.689	403.122
	Benzylbutylphthalate	128.387	148.881	150.593	146.506	196.451	50.703	266.896	164.150	104.190	73.380	151.766	53.699	223.505
	Sum of Phthalate Esters	913.954	856.710	372.965	382.560	572.068	311.679	510.529	404.109	332.879	272.165	602.307	243.388	626.627
OP	Diazinon	7.390	6.620	1.120	2.080	114.120	4.130	1.620	9.180	0.560	2.610	1.530	2.430	3.090
	Chlorpyrifos	28.740	21.490	1.970	2.700	46.970	12.640	5.090	26.810	3.140	144.540	36.550	1145.180	2.900
	Sum of OP	36.130	28.110	3.090	4.780	161.090	16.770	6.710	35.990	3.700	147.150	38.080	1147.610	5.990
OC	Lindane	6.810	5.270	4.380	6.490	10.450	9.250	8.690	3.240	6.250	4.660	10.830	7.030	6.550
	Heptachlor	9.320	7.400	1.990	0.960	41.640	13.230	2.200	0.700	0.400	7.880	133.300	94.780	9.010
	Aldrin	4.530	3.700	<0.100	<0.100	4.240	4.690	4.560	1.420	1.640	3.860	0.870	1.530	1.830
	gamma-Chlordane	22.390	18.780	0.390	0.550	1.800	0.620	0.500	0.580	0.980	1.960	28.040	12.010	1.050
	alpha-Chlordane	17.530	14.760	0.260	0.320	1.140	0.340	0.320	0.380	0.790	1.210	12.970	4.380	0.550
	p,p'-DDE	0.200	0.160	<0.100	<0.100	0.200	<0.100	0.130	0.310	<0.100	0.140	<0.100	<0.100	0.140
	Dieldrin	0.580	0.170	<0.100	<0.100	<0.100	<0.100	<0.100	0.310	<0.100	0.780	<0.100	<0.100	0.270
	Endrin	0.320	0.300	0.340	0.370	0.690	<0.100	0.580	<0.100	0.280	<0.100	0.430	<0.100	<0.100
	p,p'-DDT	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	Sum of OC	61.690	50.550	7.370	8.690	60.160	28.130	16.970	6.940	10.350	20.490	186.460	119.730	19.390
PCB	2,6-Dichlorobiphenyl	4.529	3.808	14.276	18.409	4.900	4.355	1.392	1.807	2.873	<0.040	2.000	4.643	0.994
	4,4'-Dichlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	17.946	14.844	8.189	10.469	2.535	1.212	1.533	0.894	0.783	1.265	3.094	2.300	3.793
	2,2'5,5'-Tetrachlorobiphenyl	6.157	5.966	3.532	5.397	4.394	3.878	5.176	0.455	3.335	1.413	4.244	4.379	4.971
	2,2'3,5'-Tetrachlorobiphenyl	4.818	3.522	1.096	1.446	1.593	1.021	1.260	0.740	0.624	0.721	1.295	51.400	1.532
	2,3',4',5-Tetrachlorobiphenyl	2.793	2.219	0.346	0.499	0.442	0.438	0.409	0.190	0.270	0.249	0.529	0.422	0.530
	3,3'4,4'-Tetrachlorobiphenyl	0.881	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.445	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	0.859	0.741	0.338	0.568	0.398	0.168	0.346	<0.040	<0.040	0.133	0.474	0.237	0.510
	2,2'4,5,5'-Pentachlorobiphenyl	0.862	0.683	0.376	0.665	0.477	0.155	0.318	0.160	0.142	0.170	0.536	0.308	0.670
	2,2'3,4,5'-Pentachlorobiphenyl	0.456	0.371	0.197	0.223	0.258	0.175	0.206	0.046	0.119	0.093	0.144	0.114	0.358
	2,3,3'4',6-Pentachlorobiphenyl	0.839	0.558	0.221	0.388	0.548	0.149	0.307	0.103	0.039	0.076	0.237	0.113	0.714
	2,3'4,4',5-Pentachlorobiphenyl	0.612	0.320	0.078	0.193	0.392	0.121	0.105	0.124	0.057	0.078	0.170	0.080	0.547
	2,3,3',4,4'-Pentachlorobiphenyl	0.364	0.234	0.143	0.138	0.254	0.170	0.142	<0.040	<0.040	<0.040	0.203	0.138	0.267
	3,3'4,4'5-Pentachlorobiphenyl	0.091	0.059	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.046	<0.040	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	0.424	0.201	0.105	0.145	0.298	0.049	0.078	0.060	<0.040	<0.040	0.112	<0.040	0.327
	2,2',3,4,4',5'-Hexachlorobiphenyl	0.495	0.113	0.124	0.154	0.414	<0.040	0.086	<0.040	0.040	0.063	0.186	0.083	0.363
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	0.077	<0.040	<0.040	0.070	0.117	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of Target PCB	42.203	33.641	29.020	38.764	17.019	11.889	11.358	4.580	8.282	4.306	13.224	64.664	15.574
PH	Pentachlorophenol	1.180	0.990	0.760	0.740	2.980	12.020	1.210	0.660	3.290	1.570	5.390	53.220	1.660
	Nonylphenols	219.130	165.140	236.380	391.980	168.140	325.110	279.780	0.310	92.970	100.830	401.600	146.610	3.050
	Bisphenol-A	6.950	6.970	2.810	8.800	23.200	17.900	28.990	2.460	11.710	4.300	10.990	6.640	<0.100
	Sum of Phenols	227.270	173.090	239.950	401.520	194.330	355.030	309.990	3.430	107.970	106.710	417.980	206.480	4.710
HA	2,4-D	<0.040	<0.040	0.074	<0.040	<0.040	<0.040	<0.040	0.311	<0.040	<0.040	0.313	<0.040	<0.040

Table M-2. Data Listing for Phase 2 Data: Outdoor Air Samples, ng/m3

Compound Class	COMPOUND	DO3_1	DO3_2	DO9_1	DO9_2	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
PAH	Naphthalene	47.453	59.097	76.522	39.387	32.181	54.815	37.969	94.378	27.175	123.072	97.221	155.127	78.709
	Biphenyl	2.964	2.594	5.857	7.311	1.782	2.471	1.856	5.712	1.972	5.795	4.547	3.998	4.257
	Acenaphthylene	0.717	0.659	1.363	0.559	0.403	0.835	0.627	1.632	0.308	0.650	1.250	0.551	0.761
	Acenaphthene	1.661	2.027	3.571	3.260	0.953	0.919	1.044	3.374	0.886	2.216	2.097	4.021	2.931
	Fluorene	2.037	1.799	2.924	3.165	1.048	1.049	1.332	2.518	0.989	1.613	2.149	3.074	2.406
	Phenanthrene	7.775	7.536	5.963	5.727	2.357	2.271	3.938	4.600	1.755	2.314	3.447	7.849	3.164
	Anthracene	0.404	0.375	0.310	0.327	0.257	0.226	0.263	0.410	0.210	0.223	0.258	0.387	0.234
	Fluoranthene	0.711	0.520	0.634	0.375	0.422	0.219	0.730	0.715	0.086	0.264	0.294	0.361	0.162
	Pyrene	0.390	0.258	0.273	0.206	0.213	0.137	0.363	0.408	0.055	0.118	0.139	0.149	0.087
	Cyclopenta[c,d]pyrene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benz[a]anthracene*	0.090	0.069	0.074	0.064	0.092	0.063	0.068	0.067	0.063	0.066	0.063	0.062	0.060
	Chrysene*	0.092	0.061	0.070	0.056	0.098	0.058	0.066	0.075	0.055	0.061	0.059	0.054	0.054
	Benzo[b]fluoranthene*	0.163	0.126	0.140	0.121	0.174	0.117	0.127	0.149	0.117	0.135	0.130	0.119	0.122
	Benzo[k]fluoranthene*	0.106	0.088	0.096	0.088	0.109	0.086	0.087	0.089	0.086	0.089	0.091	0.088	0.089
	Benzo[e]pyrene	0.074	0.053	0.064	0.052	0.078	0.054	0.053	0.076	0.050	0.058	0.060	0.053	0.051
	Benzo[a]pyrene*	0.100	0.064	0.080	0.060	0.105	<0.040	0.072	0.060	<0.040	0.070	0.062	0.058	<0.040
	Indeno[1,2,3-c,d]pyrene*	0.115	0.091	0.106	0.094	0.116	0.088	0.093	0.103	0.088	0.101	0.095	0.087	0.092
	Dibenzo[a,h]anthracene*	<0.040	<0.040	<0.040	<0.040	0.071	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[g,h,i]perylene	0.095	0.068	0.082	0.065	0.092	0.066	0.068	0.086	0.063	0.076	0.071	0.065	0.070
	Coronene	0.092	0.077	0.093	0.085	0.086	0.080	0.078	0.094	<0.040	0.092	0.086	0.077	0.078
	Sum of B2 PAH	0.666	0.499	0.567	0.483	0.766	0.412	0.514	0.543	0.409	0.522	0.500	0.468	0.417
	Sum of target PAH	65.037	75.560	98.222	61.003	40.636	63.554	48.838	114.547	33.958	137.012	112.120	176.180	93.328
PE	Dibutylphthalate	23.714	76.490	85.759	109.726	5.165	4.285	50.534	33.070	<1.000	84.683	29.102	68.327	<1.000
	Benzylbutylphthalate	127.479	102.218	191.729	110.100	80.913	48.937	473.940	92.342	73.006	185.011	52.556	134.563	<1.000
	Sum of Phthalate Esters	151.193	178.708	277.488	219.825	86.079	53.222	524.474	125.412	73.006	269.694	81.658	202.890	<1.000
OP	Diazinon	0.570	0.450	<0.100	<0.100	0.480	0.600	0.530	0.500	0.560	0.480	0.480	0.560	1.000
	Chlorpyrifos	1.200	0.910	0.790	1.170	1.440	0.960	1.550	0.980	3.980	2.220	1.580	1.280	1.360
	Sum of OP	1.770	1.360	0.790	1.170	1.920	1.570	2.090	1.480	4.540	2.700	2.060	1.840	2.360
OC	Lindane	0.290	0.320	0.490	0.260	0.060	0.240	0.310	0.140	0.230	<0.100	0.590	0.350	0.240
	Heptachlor	0.350	0.450	1.160	0.540	0.370	0.750	1.070	0.260	0.250	0.550	2.970	1.300	0.610
	Aldrin	<0.100	<0.100	<0.100	<0.100	<0.100	0.110	<0.100	<0.100	0.250	<0.100	<0.100	<0.100	0.100
	gamma-Chlordane	1.530	0.690	0.180	0.270	0.600	0.150	0.210	0.150	0.120	0.120	1.250	0.160	0.160
	alpha-Chlordane	0.890	0.520	0.160	0.220	0.500	0.140	0.150	0.150	0.120	0.140	0.740	0.140	0.150
	p,p'-DDE	<0.100	<0.100	<0.100	<0.100	0.130	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	Dieldrin	<0.100	<0.100	<0.100	<0.100	0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	Endrin	<0.100	<0.100	<0.100	<0.100	0.440	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	p,p'-DDT	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	Sum of OC	3.060	1.980	1.990	1.290	2.210	1.390	1.740	0.700	0.960	0.800	5.560	1.950	1.260
PCB	2,6-Dichlorobiphenyl	0.176	0.398	0.950	1.232	<0.040	0.243	<0.040	<0.040	0.326	<0.040	0.156	0.202	<0.040
	4,4'-Dichlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	1.312	1.364	1.267	2.069	0.334	0.318	0.457	0.202	0.264	0.408	0.265	0.468	0.172
	2,2'5,5'-Tetrachlorobiphenyl	0.723	0.670	0.876	1.062	0.345	0.301	0.603	0.231	0.279	0.483	0.359	0.348	0.314
	2,2'3,5'-Tetrachlorobiphenyl	0.375	0.272	0.263	0.454	0.117	0.079	0.283	0.044	<0.040	0.154	0.047	0.185	<0.040
	2,3',4',5-Tetrachlorobiphenyl	0.189	0.149	0.247	0.352	0.229	0.064	0.210	0.065	<0.040	0.133	<0.040	0.107	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	0.245	0.102	0.358	0.538	0.281	0.050	0.287	<0.040	0.082	0.194	0.086	0.210	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	0.274	0.192	0.350	0.748	0.426	0.100	0.368	0.132	<0.040	0.198	0.085	0.217	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	0.142	0.115	0.152	0.345	0.232	<0.040	0.134	0.050	<0.040	0.083	<0.040	0.119	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	0.301	0.114	0.243	0.598	0.413	<0.040	0.154	0.106	<0.040	0.133	<0.040	0.162	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	0.267	0.040	0.107	0.208	0.428	<0.040	0.070	0.082	<0.040	0.066	<0.040	0.089	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	0.180	0.093	0.128	0.131	0.235	0.090	0.103	0.153	<0.040	0.101	0.084	0.107	0.110
	3,3'4,4'5-Pentachlorobiphenyl	<0.040	0.055	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.066	<0.040	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	0.146	<0.040	0.094	0.100	0.213	<0.040	0.059	0.098	<0.040	<0.040	<0.040	0.045	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	0.288	0.044	0.110	0.111	0.415	0.072	0.095	0.115	<0.040	0.066	0.040	0.112	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.075	<0.040	<0.040	<0.040	0.108	0.066
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	0.044	<0.040	<0.040	<0.040	0.061	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of Target PCB	4.662	3.608	5.146	7.950	3.729	1.315	2.821	1.352	0.951	2.084	1.123	2.479	0.662
PH	Pentachlorophenol	0.220	0.270	0.640	0.790	0.160	0.210	0.210	0.130	0.230	0.100	0.350	0.210	0.600
	Nonylphenols	0.060	0.560	4.950	5.470	1.170	2.140	4.140	1.110	4.360	2.780	1.060	2.590	2.410
	Bisphenol-A	1.560	0.160	4.720	3.690	<0.100	1.030	3.300	1.640	0.720	4.410	<0.100	<0.100	<0.100
	Sum of Phenols	1.850	0.980	10.310	9.950	1.330	3.370	7.640	2.880	5.310	7.290	1.410	2.800	3.010
HA	2,4-D	<0.040	<0.040	0.170	<0.040	0.069	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040

Table M-3. Data Listing for Phase 2 Data: Floor Dust Samples, ppm

Compound Class	COMPOUND	DO3_1	DO3_2	DO9_1	DO9_2	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
PAH	Naphthalene	0.046	0.041	0.013	0.008	0.006	0.006	0.007	0.006	0.005	0.035	<0.001	0.006	0.015
	Biphenyl	0.007	0.008	0.006	0.004	0.003	0.001	<0.001	0.001	0.001	0.001	0.005	0.001	<0.001
	Acenaphthylene	0.010	0.011	0.004	0.003	0.004	0.002	0.003	0.003	0.003	0.023	0.006	0.007	0.005
	Acenaphthene	0.084	0.068	0.011	0.005	0.005	0.004	0.010	0.008	0.004	0.019	0.007	0.008	0.005
	Fluorene	0.042	0.031	0.016	0.010	0.007	0.006	0.009	0.009	0.005	0.028	0.012	0.010	0.010
	Phenanthrene	0.703	0.533	0.078	0.038	0.064	0.056	0.108	0.065	0.044	0.596	0.143	0.128	0.093
	Anthracene	0.092	0.071	0.011	0.005	0.011	0.008	0.015	0.012	0.006	0.066	0.013	0.012	0.011
	Fluoranthene	0.908	0.699	0.093	0.049	0.074	0.076	0.185	0.093	0.077	1.555	0.239	0.203	0.168
	Pyrene	0.721	0.570	0.081	0.042	0.057	0.062	0.142	0.073	0.061	1.202	0.181	0.155	0.129
	Cyclopenta[c,d]pyrene	0.110	0.085	0.013	0.010	0.010	0.013	0.022	0.014	0.010	0.172	0.026	0.024	0.022
	Benz[a]anthracene*	0.345	0.264	0.031	0.022	0.019	0.025	0.059	0.033	0.023	0.519	0.054	0.042	0.040
	Chrysene*	0.424	0.324	0.056	0.046	0.050	0.037	0.086	0.061	0.041	0.838	0.225	0.090	0.097
	Benzo[b]fluoranthene*	0.609	0.461	0.079	0.043	0.055	0.053	0.141	0.078	0.066	1.438	0.158	0.160	0.129
	Benzo[k]fluoranthene*	0.236	0.172	0.029	0.016	0.019	0.019	0.051	0.032	0.026	0.496	0.058	0.059	0.049
	Benzo[e]pyrene	0.319	0.243	0.048	0.027	0.034	0.031	0.075	0.045	0.038	0.809	0.092	0.095	0.076
	Benzo[a]pyrene*	0.403	0.291	0.045	0.023	0.026	0.024	0.070	0.042	0.037	0.768	0.086	0.084	0.070
	Indeno[1,2,3-c,d]pyrene*	0.396	0.303	0.055	0.032	0.035	0.036	0.076	0.053	0.048	0.963	0.108	0.112	0.094
	Dibenzo[a,h]anthracene*	0.144	0.111	0.023	0.015	0.016	0.020	0.032	0.027	0.020	0.294	0.044	0.044	0.041
	Benzo[g,h,i]perylene	0.368	0.290	0.059	0.036	0.041	0.040	0.075	0.058	0.051	0.961	0.116	0.112	0.101
	Coronene	0.104	0.088	0.025	0.017	0.020	0.022	0.026	0.023	0.026	0.320	0.065	0.047	0.056
	Sum of B2 PAH	2.557	1.926	0.320	0.196	0.222	0.213	0.514	0.327	0.261	5.316	0.733	0.590	0.520
	Sum of target PAH	6.071	4.665	0.778	0.452	0.556	0.540	1.193	0.737	0.591	11.102	1.636	1.398	1.211
PE	Dibutylphthalate	0.058	5.848	0.909	0.658	3.029	1.668	0.615	2.013	0.384	0.847	1.004	0.540	0.817
	Benzylbutylphthalate	0.022	1.965	7.432	5.459	3.673	4.824	0.496	8.860	2.687	15.558	3.788	4.570	8.313
	Sum of Phthalate Esters	0.080	7.813	8.341	6.117	6.702	6.492	1.111	10.873	3.071	16.406	4.791	5.110	9.129
OP	Diazinon	0.011	0.066	0.025	0.035	0.216	0.017	0.010	0.028	0.011	0.037	0.037	0.017	0.024
	Chlorpyrifos	0.087	0.271	0.032	0.037	0.204	0.092	0.024	0.227	0.047	0.919	1.343	6.437	0.089
	Sum of OP	0.098	0.337	0.057	0.071	0.420	0.109	0.034	0.255	0.058	0.956	1.380	6.453	0.113
OC	Lindane	0.019	0.018	0.020	0.020	0.025	0.021	0.041	0.037	0.014	0.046	0.036	0.045	0.034
	Heptachlor	0.048	0.047	<0.001	<0.001	0.204	0.091	<0.001	0.118	<0.001	0.043	0.335	0.240	0.035
	Aldrin	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.051	<0.001	<0.001	<0.001
	gamma-Chlordane	0.286	0.293	0.009	0.008	0.031	0.013	0.005	0.054	0.006	0.055	0.471	0.203	0.047
	alpha-Chlordane	0.251	0.263	0.006	0.006	0.023	0.008	0.004	0.045	0.005	0.036	0.256	0.092	0.027
	p,p'-DDE	0.004	0.013	<0.001	<0.001	0.047	<0.001	<0.001	0.010	<0.001	<0.001	<0.001	<0.001	<0.001
	Dieldrin	<0.001	0.024	<0.001	0.009	0.025	0.020	0.014	0.011	0.007	0.050	<0.001	0.014	0.018
	Endrin	<0.001	0.278	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p,p'-DDT	<0.001	0.041	<0.001	<0.001	0.782	0.043	0.015	0.051	0.020	0.068	0.038	0.037	0.033
	Sum of OC	0.608	0.977	0.035	0.043	1.137	0.195	0.078	0.327	0.053	0.349	1.136	0.632	0.194
PCB	2,6-Dichlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4,4'-Dichlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,4,4'-Trichlorobiphenyl	0.021	0.079	0.027	0.020	0.006	0.006	<0.001	<0.001	<0.001	<0.001	0.013	<0.001	0.018
	2,2'5,5'-Tetrachlorobiphenyl	0.024	0.061	0.031	0.013	0.005	0.015	<0.001	<0.001	<0.001	0.015	0.018	<0.001	0.026
	2,2'3,5'-Tetrachlorobiphenyl	0.013	0.045	0.011	0.007	0.007	0.006	<0.001	<0.001	<0.001	0.010	0.013	<0.001	0.013
	2,3',4',5-Tetrachlorobiphenyl	0.016	0.059	0.008	0.007	0.006	0.008	<0.001	<0.001	<0.001	0.014	0.017	0.010	0.017
	3,3'4,4'-Tetrachlorobiphenyl	<0.001	0.015	<0.001	<0.001	0.006	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'3,5'6-Pentachlorobiphenyl	0.008	0.026	0.007	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	0.014	<0.001	0.016
	2,2'4,5,5'-Pentachlorobiphenyl	0.010	0.045	0.013	0.007	0.005	0.008	<0.001	0.009	<0.001	0.026	0.026	0.011	0.036
	2,2'3,4,5'-Pentachlorobiphenyl	0.008	0.030	0.009	0.008	0.007	0.006	0.005	0.007	0.005	0.024	0.019	<0.001	0.021
	2,3,3'4',6-Pentachlorobiphenyl	0.013	0.069	0.018	0.012	0.008	0.011	0.006	0.008	0.006	0.044	0.033	0.013	0.034
	2,3'4,4',5-Pentachlorobiphenyl	0.010	0.047	0.014	0.010	0.010	0.007	<0.001	0.006	0.005	0.035	0.031	<0.001	0.032
	2,3,3',4,4'-Pentachlorobiphenyl	<0.001	0.027	0.010	0.007	0.006	<0.001	<0.001	<0.001	<0.001	0.018	0.014	<0.001	0.015
	3,3'4,4'5-Pentachlorobiphenyl	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2',4,4'5,5'-Hexachlorobiphenyl	0.009	0.034	0.013	0.010	0.006	0.006	0.005	0.007	0.004	0.025	0.023	0.013	0.025
	2,2',3,4,4',5'-Hexachlorobiphenyl	0.007	0.044	0.013	0.010	0.006	0.006	0.007	0.006	0.005	0.015	0.021	0.016	0.022
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.001	0.012	<0.001	0.014	<0.001	0.007	<0.001	0.008	0.005	0.015	0.018	0.022	0.014
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	0.009	0.019	0.007	0.010	0.007	0.006	0.005	0.005	0.005	0.016	0.012	0.015	0.022
	Sum of Target PCB	0.148	0.613	0.182	0.134	0.085	0.105	0.027	0.056	0.036	0.256	0.271	0.099	0.310
PH	Pentachlorophenol	0.046	0.039	0.063	0.052	0.048	0.082	0.036	0.034	0.075	0.126	0.099	0.571	0.143
	Nonylphenols	4.622	13.403	52.570	46.029	5.861	8.651	3.280	6.836	9.619	8.176	5.467	9.424	7.645
	Bisphenol-A	0.567	0.974	3.259	2.981	1.805	1.893	0.707	1.419	1.741	1.658	1.314	1.581	1.522
	Sum of Phenols	5.236	14.416	55.892	49.062	7.714	10.626	4.024	8.289	11.435	9.960	6.880	11.577	9.310
HA	2,4-D	0.051	0.069	0.269	0.188	7.285	1.441	0.027	0.029	1.642	0.083	0.169	0.113	0.350

Table M-4. Data Listing for Phase 2 Data: Playground Soil Samples, ppm

Compound Class	COMPOUND	DO3_1	DO3_2	DO9_1	DO9_2	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
PAH	Naphthalene	<0.001	.	0.001	.	<0.001	<0.001	<0.001	0.001	<0.001	0.096	<0.001	<0.001	<0.001
	Biphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Acenaphthylene	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Acenaphthene	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Fluorene	0.001	.	0.001	.	0.001	0.001	0.001	0.004	<0.001	0.001	<0.001	0.001	0.001
	Phenanthrene	0.008	.	0.001	.	<0.001	<0.001	0.003	0.051	0.001	0.008	0.002	0.002	0.002
	Anthracene	0.002	.	0.001	.	0.002	0.001	0.001	0.007	0.001	0.002	0.001	0.001	0.002
	Fluoranthene	0.014	.	0.003	.	0.001	0.001	0.004	0.091	0.001	0.022	0.002	0.004	0.003
	Pyrene	0.012	.	0.002	.	0.002	0.001	0.003	0.067	0.001	0.017	0.002	0.003	0.004
	Cyclopenta[c,d]pyrene	0.003	.	0.001	.	0.002	<0.001	0.001	0.012	0.001	0.003	0.001	0.001	0.001
	Benz[a]anthracene*	0.005	.	0.001	.	<0.001	<0.001	0.001	0.035	<0.001	0.007	<0.001	0.001	0.001
	Chrysene*	0.007	.	0.001	.	0.001	0.001	0.002	0.041	0.001	0.011	0.002	0.002	0.002
	Benzo[b]fluoranthene*	0.010	.	0.002	.	0.006	0.001	0.003	0.062	0.001	0.018	0.002	0.003	0.002
	Benzo[k]fluoranthene*	0.005	.	0.001	.	0.002	<0.001	0.001	0.024	<0.001	0.006	0.001	0.001	0.001
	Benzo[e]pyrene	0.005	.	0.001	.	0.027	<0.001	0.001	0.033	<0.001	0.010	0.001	0.001	0.001
	Benzo[a]pyrene*	0.006	.	0.001	.	0.010	0.001	0.002	0.033	0.001	0.010	0.002	0.002	0.002
	Indeno[1,2,3-c,d]pyrene*	0.006	.	0.002	.	0.010	<0.001	0.002	0.028	0.002	0.009	0.003	0.003	0.003
	Dibenzo[a,h]anthracene*	0.004	.	0.002	.	0.007	<0.001	0.002	0.012	0.002	0.004	0.003	0.003	0.003
	Benzo[g,h,i]perylene	0.005	.	0.002	.	0.043	<0.001	0.002	0.027	0.001	0.009	0.002	0.002	0.002
	Coronene	0.002	.	0.001	.	0.024	<0.001	0.002	0.005	0.001	0.003	0.002	0.002	0.002
	Sum of B2 PAH	0.042	.	0.010	.	0.036	0.003	0.014	0.236	0.007	0.065	0.012	0.015	0.014
	Sum of target PAH	0.093	.	0.023	.	0.138	0.006	0.033	0.535	0.014	0.236	0.026	0.033	0.031
PE	Dibutylphthalate	0.008	.	0.097	.	0.130	<0.001	0.173	0.080	0.075	0.060	0.158	0.066	0.083
	Benzylbutylphthalate	<0.001	.	0.064	.	0.030	<0.001	0.091	0.057	0.007	0.052	0.058	0.026	0.031
	Sum of Phthalate Esters	0.008	.	0.161	.	0.160	<0.001	0.263	0.137	0.081	0.112	0.216	0.092	0.114
OP	Diazinon	0.002	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.001	0.002
	Chlorpyrifos	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	0.009	<0.001	<0.001	<0.001
	Sum of OP	0.002	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	0.009	0.002	0.001	0.002
OC	Lindane	0.004	.	0.005	.	0.006	0.005	0.005	0.004	0.003	0.004	0.006	0.004	0.006
	Heptachlor	<0.001	.	0.002	.	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001
	Aldrin	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	gamma-Chlordane	<0.001	.	<0.001	.	0.048	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
	alpha-Chlordane	<0.001	.	<0.001	.	0.041	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001
	p,p'-DDE	<0.001	.	<0.001	.	0.033	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Dieldrin	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Endrin	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	p,p'-DDT	<0.001	.	<0.001	.	0.110	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
	Sum of OC	0.004	.	0.007	.	0.238	0.007	0.007	0.008	0.005	0.006	0.011	0.006	0.007
PCB	2,6-Dichlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	4,4'-Dichlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,4,4'-Trichlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'5,5'-Tetrachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'3,5'-Tetrachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,3',4',5-Tetrachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	3,3'4,4'-Tetrachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'3,5'6-Pentachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'4,5,5'-Pentachlorobiphenyl	<0.001	.	<0.001	.	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2'3,4,5'-Pentachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,3,3'4',6-Pentachlorobiphenyl	<0.001	.	<0.001	.	0.003	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,3'4,4',5-Pentachlorobiphenyl	<0.001	.	<0.001	.	0.002	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,3,3',4,4'-Pentachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	3,3'4,4'5-Pentachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2',4,4'5,5'-Hexachlorobiphenyl	<0.001	.	0.001	.	0.003	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2',3,4,4',5'-Hexachlorobiphenyl	0.001	.	0.001	.	0.003	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.001	.	0.001	.	0.004	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Sum of Target PCB	0.001	.	0.003	.	0.017	<0.001	<0.001	0.008	<0.001	<0.001	<0.001	<0.001	<0.001
PH	Pentachlorophenol	<0.001	.	<0.001	.	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	Nonylphenols	0.070	.	0.056	.	0.162	0.080	0.081	0.066	0.037	0.054	0.084	0.034	0.086
	Bisphenol-A	0.007	.	0.005	.	0.005	0.014	0.004	0.004	0.004	0.008	0.010	0.004	0.007
	Sum of Phenols	0.077	.	0.061	.	0.167	0.094	0.086	0.070	0.041	0.062	0.094	0.038	0.092
HA	2,4-D	<0.001	.	<0.001	.	0.151	0.032	<0.001	0.022	<0.001	0.020	0.024	0.017	0.020

Table M-5. Data Listing for Phase 2 Data: Liquid Food Samples, ppb

Compound Class	COMPOUND	DO3_1	DO3_2	DO9_1	DO9_2	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
PAH	Naphthalene	0.065	0.547	0.048	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.043	<0.040	<0.040
	Biphenyl	<0.040	0.042	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Acenaphthylene	<0.040	0.129	0.144	0.122	0.133	<0.040	<0.040	<0.040	<0.040	0.092	0.123	0.087	0.112
	Acenaphthene	1.381	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Fluorene	0.109	0.126	0.123	0.097	0.079	<0.040	<0.040	0.078	0.095	0.086	0.126	<0.040	0.139
	Phenanthrene	0.022	0.058	<0.040	0.044	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.345	<0.040	0.109
	Anthracene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Fluoranthene	0.059	0.053	0.039	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.185	<0.040	0.056
	Pyrene	0.091	0.089	<0.040	<0.040	<0.040	0.066	0.061	0.068	0.066	0.069	0.139	0.060	0.085
	Cyclopenta[c,d]pyrene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benz[a]anthracene*	0.349	<0.040	0.114	<0.040	<0.040	0.120	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Chrysene*	0.101	<0.040	<0.040	<0.040	<0.040	0.098	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[b]fluoranthene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[k]fluoranthene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[e]pyrene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[a]pyrene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Dibenzo[a,h]anthracene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[g,h,i]perylene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Coronene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of B2 PAH	0.450	<0.040	0.114	<0.040	<0.040	0.219	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of target PAH	2.176	1.044	0.469	0.263	0.212	0.285	0.061	0.146	0.160	0.248	0.962	0.146	0.501
PE	Dibutylphthalate	0.998	<0.040	23.354	<0.040	3.288	<0.040	<0.040	9.173	<0.040	<0.040	55.562	21.737	3.490
	Benzylbutylphthalate	7.399	4.252	6.953	7.573	2.678	9.141	8.974	15.075	5.699	9.578	7.569	13.414	10.658
	Sum of Phthalate Esters	8.397	4.252	30.307	7.573	5.966	9.141	8.974	24.248	5.699	9.578	63.132	35.151	14.148
OP	Diazinon	<0.040	<0.040	<0.040	<0.040	0.234	0.198	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Chlorpyrifos	<0.040	<0.040	0.317	<0.040	<0.040	<0.040	<0.040	0.432	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of OP	<0.040	<0.040	0.317	<0.040	0.234	0.198	<0.040	0.432	<0.040	<0.040	<0.040	<0.040	<0.040
OC	Lindane	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Heptachlor	<0.040	0.557	0.449	0.442	0.421	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.376	<0.040
	Aldrin	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	gamma-Chlordane	<0.040	0.069	0.053	<0.040	<0.040	<0.040	<0.040	0.159	<0.040	<0.040	<0.040	<0.040	<0.040
	alpha-Chlordane	<0.040	<0.040	0.049	<0.040	<0.040	<0.040	<0.040	0.066	<0.040	<0.040	<0.040	<0.040	<0.040
	p,p'-DDE	<0.040	<0.040	<0.040	0.054	<0.040	<0.040	<0.040	0.055	<0.040	<0.040	<0.040	<0.040	0.099
	Dieldrin	<0.040	<0.040	<0.040	<0.040	0.024	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Endrin	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	p,p'-DDT	0.221	<0.040	0.193	<0.040	0.197	<0.040	<0.040	0.190	0.243	0.210	<0.040	0.188	0.190
	Sum of OC	0.221	0.626	0.744	0.495	0.642	<0.040	<0.040	0.470	0.243	0.210	<0.040	0.564	0.288
PCB	2,6-Dichlorobiphenyl	<0.040	0.077	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	4,4'-Dichlorobiphenyl	<0.040	<0.040	<0.040	0.120	<0.040	<0.040	0.072	<0.040	0.134	0.094	<0.040	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	<0.040	0.119	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	<0.040	<0.040	<0.040	0.054	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of Target PCB	<0.040	0.196	<0.040	0.175	<0.040	<0.040	0.072	<0.040	0.134	0.094	<0.040	<0.040	<0.040
PH	Pentachlorophenol	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
	Nonylphenols	<0.100	3.523	4.317	2.390	<0.100	<0.100	<0.100	<0.100	0.280	<0.100	2.464	3.278	1.229
	Bisphenol-A	0.139	1.155	0.192	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	0.126	<0.100	0.145
	Sum of Phenols	0.139	4.678	4.509	2.390	<0.100	<0.100	<0.100	<0.100	0.280	<0.100	2.590	3.278	1.375
HA	2,4-D	2.010	0.917	1.803	1.644	0.353	0.705	3.188	3.022	1.498	0.954	0.675	1.673	1.026

Table M-6. Data Listing for Phase 2 Data: Soil Food Samples, ppb

Compound Class	COMPOUND	DO3_1	DO3_2	DO9_1	DO9_2	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
PAH	Naphthalene	2.723	2.708	2.101	0.635	2.621	2.082	1.014	1.571	1.779	2.773	2.510	0.782	1.296
	Biphenyl	0.168	0.360	0.261	<0.040	0.693	1.029	0.193	0.201	0.305	<0.040	0.426	<0.040	0.058
	Acenaphthylene	0.268	1.198	<0.040	<0.040	1.234	0.116	<0.040	<0.040	<0.040	0.109	0.136	<0.040	0.088
	Acenaphthene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Fluorene	1.132	0.436	0.200	0.564	0.814	0.790	0.310	0.299	0.508	0.230	0.558	0.624	0.345
	Phenanthrene	0.325	0.914	0.626	0.176	1.095	0.959	0.357	0.285	0.496	0.273	0.929	0.317	0.639
	Anthracene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Fluoranthene	0.190	0.467	0.262	0.129	0.427	0.341	0.169	0.210	0.202	0.171	0.320	0.158	0.332
	Pyrene	0.117	0.280	0.178	0.082	0.218	0.287	0.085	0.114	0.123	0.119	0.210	0.102	0.185
	Cyclopenta[c,d]pyrene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benz[a]anthracene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Chrysene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[b]fluoranthene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[k]fluoranthene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[e]pyrene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[a]pyrene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Dibenzo[a,h]anthracene*	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Benzo[g,h,i]perylene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Coronene	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of B2 PAH	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of target PAH	4.921	6.363	3.628	1.587	7.101	5.605	2.128	2.681	3.413	3.675	5.089	1.983	2.945
PE	Dibutylphthalate	15.069	72.995	49.112	5.388	57.394	29.833	2.751	15.685	21.358	5.849	10.089	8.415	33.293
	Benzylbutylphthalate	10.622	52.589	53.733	8.676	404.081	145.827	17.738	36.850	79.353	12.055	86.456	8.589	111.673
	Sum of Phthalate Esters	25.692	125.585	102.845	14.064	461.475	175.660	20.489	52.536	100.711	17.904	96.545	17.004	144.967
OP	Diazinon	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Chlorpyrifos	0.473	0.270	1.647	0.214	0.660	0.262	0.085	1.366	0.172	0.981	0.408	1.125	2.310
	Sum of OP	0.473	0.270	1.647	0.214	0.660	0.262	0.085	1.366	0.172	0.981	0.408	1.125	2.310
OC	Lindane	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Heptachlor	<0.040	<0.040	<0.040	<0.040	0.621	<0.040	0.578	<0.040	<0.040	<0.040	0.818	0.621	<0.040
	Aldrin	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	gamma-Chlordane	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	alpha-Chlordane	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.135	<0.040	<0.040	<0.040
	p,p'-DDE	0.088	<0.040	<0.040	0.138	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	1.308
	Dieldrin	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Endrin	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	p,p'-DDT	<0.040	0.350	<0.040	<0.040	<0.040	0.060	0.088	<0.040	<0.040	<0.040	<0.040	<0.040	0.769
	Sum of OC	0.088	0.350	<0.040	0.138	0.621	0.060	0.666	<0.040	<0.040	0.197	0.818	0.621	2.076
PCB	2,6-Dichlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	4,4'-Dichlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.066	0.175	0.047	<0.040	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.108	0.089	0.072	<0.040	0.109
	2,2'5,5'-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	0.119	<0.040	<0.040	<0.040	0.142	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.072	<0.040	<0.040	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.102
	3,3'4,4'-Tetrachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.056	<0.040	0.088	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	<0.040	<0.040	<0.040	0.102	0.087	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	0.112	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	0.047	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	0.134	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.061	<0.040	<0.040	<0.040	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.105
	2,2',3,4,4',5'-Hexachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	0.082
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
	Sum of Target PCB	<0.040	<0.040	<0.040	0.220	0.380	<0.040	<0.040	0.268	0.411	0.136	0.161	<0.040	0.398
PH	Pentachlorophenol	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	0.116	<0.100	0.103
	Nonylphenols	34.219	10.472	22.345	12.689	65.216	22.699	14.658	12.534	34.257	21.079	76.093	25.996	21.079
	Bisphenol-A	0.932	0.305	0.619	0.196	2.494	3.398	0.352	0.252	0.342	0.233	4.188	0.172	0.233
	Sum of Phenols	35.151	10.777	22.964	12.885	67.711	26.097	15.009	12.786	34.599	21.312	80.397	26.169	21.415
HA	2,4-D	<0.500	<0.500	1.448	0.920	2.195	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500

Table M-7. Data Listing for Phase 2 Data: Dermal Wipe Samples from Homes for Nine Subjects, ng/wipe

Compound Class	COMPOUND	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
PAH	Naphthalene	<0.500	0.545	1.005	<0.500	4.640	22.455	0.790	2.745	2.375
	Biphenyl	<0.500	0.630	<0.500	<0.500	1.700	1.230	0.795	1.290	1.205
	Acenaphthylene	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Acenaphthene	<0.500	2.340	2.685	1.345	4.525	3.940	1.460	6.880	5.725
	Fluorene	<0.500	2.230	<0.500	<0.500	2.040	0.860	0.475	1.915	2.060
	Phenanthrene	<0.500	4.725	<0.500	<0.500	<0.500	<0.500	<0.500	0.900	0.680
	Anthracene	<0.500	0.695	<0.500	<0.500	0.510	<0.500	<0.500	0.540	0.535
	Fluoranthene	<0.500	0.265	0.690	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Pyrene	<0.500	0.550	0.470	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Cyclopenta[c,d]pyrene	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Benz[a]anthracene*	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Chrysene*	<0.500	<0.500	0.450	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Benzo[b]fluoranthene*	<0.500	<0.500	<0.500	<0.500	<0.500	0.565	<0.500	<0.500	<0.500
	Benzo[k]fluoranthene*	<0.500	<0.500	<0.500	<0.500	<0.500	0.735	<0.500	<0.500	<0.500
	Benzo[e]pyrene	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Benzo[a]pyrene*	<0.500	<0.500	0.580	<0.500	<0.500	0.610	<0.500	0.545	<0.500
	Indeno[1,2,3-c,d]pyrene*	0.625	0.565	0.845	0.500	<0.500	0.895	<0.500	<0.500	<0.500
	Dibenzo[a,h]anthracene*	<0.500	<0.500	0.595	<0.500	<0.500	0.510	<0.500	<0.500	<0.500
	Benzo[g,h,i]perylene	0.645	0.590	0.770	0.540	0.575	0.780	0.480	<0.500	0.460
	Coronene	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Sum of B2 PAH	0.625	0.565	2.470	0.500	<0.500	3.315	<0.500	0.545	<0.500
	Sum of target PAH	0.645	12.570	5.620	1.885	13.990	29.265	4.000	14.270	13.040
PE	Dibutylphthalate	101.720	<0.500	121.985	<0.500	<0.500	184.275	<0.500	113.130	127.195
	Benzylbutylphthalate	394.190	59.065	938.010	868.060	<0.500	34.850	63.375	<0.500	318.430
	Sum of Phthalate Esters	495.910	59.065	1059.995	868.060	<0.500	219.125	63.375	113.130	445.625
OP	Diazinon	8.045	<0.500	<0.500	0.725	<0.500	<0.500	<0.500	<0.500	<0.500
	Chlorpyrifos	5.695	0.900	6.425	3.370	<0.500	10.135	1.100	23.865	<0.500
	Sum of OP	13.740	0.900	6.425	4.095	<0.500	10.135	1.100	23.865	<0.500
OC	Lindane	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Heptachlor	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Aldrin	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	gamma-Chlordane	<0.500	<0.500	6.450	<0.500	<0.500	0.595	1.620	0.615	<0.500
	alpha-Chlordane	<0.500	<0.500	4.045	<0.500	<0.500	0.675	1.925	<0.500	<0.500
	p,p'-DDE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Dieldrin	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Endrin	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	p,p'-DDT	0.800	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Sum of OC	0.800	<0.500	10.495	<0.500	<0.500	1.270	3.545	0.615	<0.500
PCB	2,6-Dichlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	4,4'-Dichlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,4,4'-Trichlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'5,5'-Tetrachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'3,5'-Tetrachlorobiphenyl	<0.500	<0.500	<0.500	0.965	<0.500	<0.500	<0.500	<0.500	<0.500
	2,3',4',5-Tetrachlorobiphenyl	<0.500	<0.500	0.525	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	3,3'4,4'-Tetrachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'3,5'6-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'4,5,5'-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'3,4,5'-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,3,3'4',6-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,3'4,4',5-Pentachlorobiphenyl	<0.500	0.610	<0.500	0.605	<0.500	<0.500	<0.500	<0.500	0.955
	2,3,3',4,4'-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	3,3'4,4'5-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2',4,4'5,5'-Hexachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2',3,4,4',5'-Hexachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Sum of Target PCB	<0.500	0.610	0.525	1.570	<0.500	0.535	<0.500	<0.500	1.515

Table M-8. Data Listing for Phase 2 Data: Dermal Wipe Samples from Daycare Centers for Nine Subjects, ng/wipe

Compound Class	COMPOUND	DA3	DB3	DC3	DD3	DE9	DF9	DG9	DH9	DI9
PAH	Naphthalene	0.860	1.960	0.920	1.555	2.670	2.475	2.700	2.365	2.570
	Biphenyl	1.185	0.470	0.950	0.495	1.610	1.355	1.705	1.410	1.590
	Acenaphthylene	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Acenaphthene	3.560	1.585	1.175	0.895	4.875	6.220	6.115	4.125	4.375
	Fluorene	<0.500	<0.500	1.470	<0.500	5.300	1.660	3.045	1.530	4.415
	Phenanthrene	<0.500	2.425	1.580	<0.500	5.445	<0.500	0.925	<0.500	1.060
	Anthracene	<0.500	<0.500	0.235	<0.500	1.895	0.395	0.560	0.580	0.950
	Fluoranthene	<0.500	8.195	<0.500	0.420	<0.500	<0.500	<0.500	<0.500	<0.500
	Pyrene	<0.500	4.560	<0.500	0.405	0.505	<0.500	<0.500	<0.500	<0.500
	Cyclopenta[c,d]pyrene	<0.500	0.465	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Benz[a]anthracene*	<0.500	0.835	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Chrysene*	<0.500	1.020	<0.500	<0.500	0.615	<0.500	<0.500	<0.500	<0.500
	Benzo[b]fluoranthene*	<0.500	1.445	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Benzo[k]fluoranthene*	<0.500	0.465	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Benzo[e]pyrene	<0.500	0.770	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Benzo[a]pyrene*	<0.500	1.285	<0.500	0.455	<0.500	<0.500	<0.500	<0.500	<0.500
	Indeno[1,2,3-c,d]pyrene*	<0.500	1.240	0.595	0.700	0.510	0.510	<0.500	<0.500	0.485
	Dibenzo[a,h]anthracene*	<0.500	0.735	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Benzo[g,h,i]perylene	<0.500	1.205	0.600	0.695	0.515	0.570	0.475	0.515	0.445
	Coronene	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Sum of B2 PAH	<0.500	6.290	0.595	1.155	1.125	0.510	<0.500	<0.500	0.485
	Sum of target PAH	5.605	21.635	6.930	4.465	22.815	12.675	15.525	10.525	15.405
PE	Dibutylphthalate	<0.500	605.330	29.025	69.755	<0.500	<0.500	122.325	<0.500	45.570
	Benzylbutylphthalate	<0.500	475.575	1325.445	481.965	344.045	<0.500	104.655	<0.500	24.070
	Sum of Phthalate Esters	<0.500	1080.905	1354.470	551.720	344.045	<0.500	226.980	<0.500	69.640
OP	Diazinon	<0.500	<0.500	0.655	9.325	<0.500	<0.500	<0.500	<0.500	<0.500
	Chlorpyrifos	<0.500	3.115	1.690	5.255	<0.500	<0.500	<0.500	2.690	<0.500
	Sum of OP	<0.500	3.115	2.345	14.580	<0.500	<0.500	<0.500	2.690	<0.500
OC	Lindane	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Heptachlor	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Aldrin	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	gamma-Chlordane	0.675	3.050	0.755	0.785	<0.500	<0.500	<0.500	<0.500	<0.500
	alpha-Chlordane	0.605	2.060	0.520	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	p,p'-DDE	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Dieldrin	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Endrin	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	p,p'-DDT	<0.500	<0.500	<0.500	1.450	<0.500	<0.500	<0.500	<0.500	<0.500
	Sum of OC	1.280	5.110	1.275	2.235	<0.500	<0.500	<0.500	<0.500	<0.500
PCB	2,6-Dichlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	4,4'-Dichlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,4,4'-Trichlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'5,5'-Tetrachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'3,5'-Tetrachlorobiphenyl	1.005	0.595	<0.500	<0.500	<0.500	<0.500	<0.500	0.670	<0.500
	2,3',4',5-Tetrachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	3,3'4,4'-Tetrachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'3,5'6-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'4,5,5'-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2'3,4,5'-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,3,3'4',6-Pentachlorobiphenyl	<0.500	0.890	<0.500	<0.500	0.530	<0.500	<0.500	<0.500	<0.500
	2,3'4,4',5-Pentachlorobiphenyl	0.605	<0.500	0.785	<0.500	0.875	0.920	<0.500	<0.500	<0.500
	2,3,3',4,4'-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	3,3'4,4'5-Pentachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2',4,4'5,5'-Hexachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2',3,4,4',5'-Hexachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	3,3'4,4',5,5'-Hexachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	Sum of Target PCB	1.610	1.485	0.785	<0.500	1.405	0.920	<0.500	0.670	<0.500

Table M-9. Data Listing for Phase 2 Data: Urine Samples, ng/mL

LOCATION	Compound Class	COMPOUND	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
daycare	HA	2,4-D	2.719	2.519	3.319	3.376	1.376	1.090	3.494	0.710	1.691
daycare	OH-PAH	1-Naphthol	0.427	1.472	0.839	0.275	0.240	0.543	0.231	0.311	0.927
		2-Naphthol	0.138	0.245	0.272	0.142	0.114	0.161	0.145	0.099	0.087
		3-Hydroxyfluoranthene	0.227	0.071	0.125	0.069	0.153	0.397	0.247	0.064	0.137
		1-Hydroxypyrene	0.060	0.058	0.022	0.073	0.044	0.119	0.155	0.021	0.146
		1-Hydrxoybenz[a]anthracene	<0.017	0.023	0.023	0.026	<0.017	<0.017	0.022	0.043	0.040
		6-Hydroxychrysene	0.026	0.040	0.026	0.047	0.020	0.032	0.035	0.077	0.150
		3-Hydroxybenz[a]anthracene	0.070	0.051	0.017	0.079	0.031	<0.017	0.023	0.045	0.069
		1&3-Hydroxybenzo[a]pyrene	<0.033	<0.033	0.038	<0.033	<0.033	<0.033	<0.033	<0.033	0.061
		6-Hydroxyindeno[1,2,3-c,d]pyrene	0.025	0.025	<0.017	0.076	<0.017	<0.017	<0.017	0.017	0.031
daycare	PH	Pentachlorophenol	0.301	0.300	0.175	0.235	0.271	0.352	0.260	0.403	0.666
daycare	TCP	3,5,6-Trichloro-2-pyridinol	7.790	5.730	3.760	13.680	4.690	6.350	5.050	11.855	17.740
home	HA	2,4-D	2.275	3.001	3.705	2.494	2.198	1.137	4.699	0.716	2.402
home	OH-PAH	1-Naphthol	0.375	2.633	4.370	0.967	0.430	0.452	0.322	0.180	0.523
		2-Naphthol	0.179	0.799	0.758	0.250	0.097	0.157	0.184	0.144	0.084
		3-Hydroxyfluoranthene	0.177	0.405	0.068	0.209	0.121	0.275	0.266	0.520	0.143
		1-Hydroxypyrene	0.091	0.179	0.061	0.109	0.045	0.127	0.198	0.131	0.067
		1-Hydrxoybenz[a]anthracene	<0.017	0.017	0.028	0.026	0.024	0.033	0.061	0.017	<0.017
		6-Hydroxychrysene	0.019	0.017	0.025	0.024	0.025	0.076	0.026	0.023	0.052
		3-Hydroxybenz[a]anthracene	0.022	0.032	0.033	0.056	0.032	0.040	0.066	0.060	0.062
		1&3-Hydroxybenzo[a]pyrene	0.035	<0.033	<0.033	<0.033	0.047	<0.033	0.059	<0.033	<0.033
		6-Hydroxyindeno[1,2,3-c,d]pyrene	<0.017	<0.017	<0.017	<0.017	0.131	<0.017	0.024	<0.017	<0.017
home	PH	Pentachlorophenol	0.474	0.992	0.360	0.264	0.498	0.412	0.415	1.675	0.305
home	TCP	3,5,6-Trichloro-2-pyridinol	9.480	14.950	21.720	9.270	6.010	8.110	4.030	29.580	5.060

Table M-10. Data Listing for Phase 2 Data: Urine Samples, umole/mole

LOCATION	Compound Class	COMPOUND	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
daycare	HA	2,4-D	3.100	2.234	3.973	1.948	2.996	2.269	4.081	1.789	3.373
daycare	OH-PAH	1-Naphthol	0.797	2.139	1.647	0.260	0.857	1.851	0.443	1.286	3.030
		2-Naphthol	0.258	0.356	0.534	0.134	0.408	0.548	0.278	0.408	0.283
		3-Hydroxyfluoranthene	0.281	0.068	0.162	0.043	0.361	0.895	0.312	0.174	0.296
		1-Hydroxypyrene	0.074	0.056	0.029	0.046	0.104	0.268	0.196	0.058	0.315
		1-Hydrxoybenz[a]anthracene	<0.019	0.019	0.027	0.015	<0.036	<0.034	0.025	0.105	0.078
		6-Hydroxychrysene	0.029	0.034	0.030	0.026	0.043	0.065	0.040	0.188	0.289
		3-Hydroxybenz[a]anthracene	0.078	0.044	0.019	0.044	0.065	<0.034	0.026	0.109	0.133
		1&3-Hydroxybenzo[a]pyrene	<0.033	<0.026	0.040	<0.017	<0.063	<0.060	<0.034	<0.073	0.107
		6-Hydroxyindeno[1,2,3-c,d]pyrene	0.023	0.018	<0.016	0.036	<0.030	<0.029	<0.016	0.034	0.049
daycare	PH	Pentachlorophenol	0.287	0.223	0.175	0.113	0.494	0.614	0.254	0.851	1.112
daycare	TCP	3,5,6-Trichloro-2-pyridinol	9.840	5.629	4.987	8.744	11.310	14.647	6.534	33.101	39.214
home	HA	2,4-D	1.676	1.105	1.950	2.211	3.095	3.629	6.818	0.686	4.107
home	OH-PAH	1-Naphthol	0.452	1.590	3.769	1.406	0.992	2.365	0.765	0.283	1.467
		2-Naphthol	0.216	0.482	0.653	0.363	0.224	0.820	0.438	0.226	0.234
		3-Hydroxyfluoranthene	0.141	0.162	0.039	0.201	0.185	0.949	0.417	0.539	0.265
		1-Hydroxypyrene	0.073	0.071	0.035	0.105	0.068	0.440	0.310	0.136	0.125
		1-Hydrxoybenz[a]anthracene	<0.012	0.006	0.014	0.022	0.033	0.102	0.086	0.015	<0.028
		6-Hydroxychrysene	0.013	0.006	0.013	0.021	0.034	0.236	0.037	0.021	0.086
		3-Hydroxybenz[a]anthracene	0.016	0.011	0.017	0.048	0.043	0.122	0.092	0.056	0.103
		1&3-Hydroxybenzo[a]pyrene	0.023	<0.011	<0.015	<0.026	0.058	<0.093	0.076	<0.028	<0.050
		6-Hydroxyindeno[1,2,3-c,d]pyrene	<0.010	<0.005	<0.007	<0.012	0.149	<0.044	0.028	<0.013	<0.023
home	PH	Pentachlorophenol	0.292	0.306	0.158	0.196	0.587	1.102	0.504	1.343	0.437
home	TCP	3,5,6-Trichloro-2-pyridinol	7.737	6.101	12.662	9.107	9.378	28.683	6.479	31.385	9.587

Table M-11. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Homes for Nine Subjects, ng/kg/day

Estimated Daily Doses from Homes
Inhalation Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	169.072	82.318	387.747	73.922	194.420	948.713	179.118	101.790	220.009
Biphenyl	46.812	19.866	23.498	7.131	28.589	28.460	37.161	22.990	24.674
Acenaphthylene	3.326	1.608	3.497	1.498	0.935	2.046	1.924	1.217	1.918
Acenaphthene	7.099	0.470	0.959	3.446	2.161	5.306	2.754	2.448	0.221
Fluorene	6.060	1.983	5.165	1.908	2.187	3.924	2.256	2.309	2.431
Phenanthrene	11.686	2.892	4.587	2.834	3.478	8.776	2.792	6.723	4.671
Anthracene	0.707	0.244	0.425	0.204	0.267	0.494	0.288	0.421	0.318
Fluoranthene	0.681	0.098	0.293	0.187	0.094	0.370	0.179	0.289	0.299
Pyrene	0.370	0.088	0.178	0.120	0.085	0.229	0.136	0.191	0.177
Cyclopenta[c,d]pyrene	0.000	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.058
Benz[a]anthracene*	0.068	0.034	0.072	0.029	0.036	0.053	0.034	0.037	0.043
Chrysene*	0.106	0.041	0.120	0.040	0.044	0.064	0.049	0.049	0.060
Benzo[b]fluoranthene*	0.126	0.063	0.131	0.059	0.066	0.101	0.065	0.070	0.081
Benzo[k]fluoranthene*	0.069	0.049	0.073	0.039	0.052	0.072	0.046	0.049	0.054
Benzo[e]pyrene	0.058	0.028	0.060	0.027	0.028	0.045	0.027	0.031	0.037
Benzo[a]pyrene*	0.080	0.035	0.134	0.038	0.031	0.048	0.035	0.040	0.043
Indeno[1,2,3-c,d]pyrene*	0.087	0.047	0.109	0.049	0.051	0.080	0.047	0.054	0.060
Dibenzo[a,h]anthracene*	0.061	0.030	0.094	0.026	0.000	0.046	0.031	0.028	0.041
Benzo[g,h,i]perylene	0.069	0.035	0.078	0.044	0.036	0.065	0.036	0.041	0.045
Coronene	0.057	0.042	0.072	0.046	0.042	0.071	0.042	0.045	0.049
Sum of B2 PAH	0.597	0.299	0.733	0.280	0.279	0.465	0.307	0.326	0.381
Sum of target PAH	246.594	109.972	427.366	91.647	232.602	998.965	227.020	138.820	255.287
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dibutylphthalate	231.498	138.158	178.113	100.516	123.467	154.421	196.322	91.888	228.976
Benzylbutylphthalate	121.318	27.850	196.719	69.976	58.293	61.408	68.037	33.439	126.952
Sum of phthalate	352.817	166.008	374.831	170.492	181.760	215.829	264.359	125.327	355.928
Diazinon	70.330	2.197	1.184	3.833	0.318	2.011	0.685	1.158	1.777
Chlorpyrifos	28.951	6.706	3.724	11.184	1.808	110.585	15.892	528.237	1.674
Lindane	6.441	4.897	6.345	1.353	3.382	3.560	4.715	3.265	3.723
Heptachlor	25.663	7.016	1.607	0.298	0.223	6.037	57.834	43.796	5.127
Aldrin	2.613	2.481	3.333	0.592	0.893	2.952	0.378	0.706	1.040
gamma-Chlordane	1.111	0.333	0.364	0.245	0.533	1.505	12.195	5.551	0.602
alpha-Chlordane	0.702	0.182	0.235	0.160	0.429	0.930	5.649	2.027	0.314
p,p'-DDE	0.126	0.000	0.096	0.127	0.000	0.104	0.000	0.000	0.078
Dieldrin	0.000	0.000	0.000	0.127	0.000	0.600	0.000	0.000	0.155
Endrin	0.425	0.000	0.423	0.000	0.154	0.000	0.188	0.000	0.000
p,p'-DDT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sum of OP	99.281	8.903	4.908	15.017	2.126	112.595	16.577	529.396	3.451
Sum of OC	37.080	14.909	12.403	2.901	5.615	15.688	80.959	55.345	11.040
Sum of PCB	10.500	6.318	8.306	1.931	4.498	3.352	5.774	29.983	8.859
Pentchlorophenol	1.840	6.364	0.887	0.276	1.780	1.206	2.348	24.560	0.953
Nonylphenols	103.622	172.044	204.333	0.149	50.313	77.179	173.887	67.783	1.782
Bisphenol-A	14.300	9.491	21.186	1.054	6.345	3.415	4.758	3.064	0.000
Sum of Phenols	119.762	187.899	226.405	1.479	58.438	81.800	180.994	95.407	2.735
2.4-D	0.000	0.000	0.000	0.130	0.000	0.000	0.135	0.000	0.000

Note that the reported zero value indicated that the target POP was not detected in indoor- and/or outdoor-air samples.

Table M-11. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Homes for Nine Subjects, ng/kg/day

Estimated Daily Doses from Homes
Nondietary Ingestion Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	0.024	0.023	0.035	0.018	0.018	0.197	0.000	0.019	0.058
Biphenyl	0.011	0.002	0.000	0.002	0.002	0.003	0.014	0.002	0.000
Acenaphthylene	0.014	0.009	0.017	0.009	0.010	0.116	0.018	0.022	0.020
Acenaphthene	0.020	0.013	0.050	0.022	0.014	0.099	0.020	0.024	0.021
Fluorene	0.028	0.021	0.043	0.025	0.019	0.141	0.033	0.031	0.039
Phenanthrene	0.264	0.197	0.526	0.186	0.158	3.037	0.414	0.393	0.352
Anthracene	0.046	0.028	0.074	0.033	0.022	0.338	0.038	0.038	0.042
Fluoranthene	0.304	0.269	0.903	0.270	0.279	7.933	0.689	0.627	0.636
Pyrene	0.234	0.218	0.691	0.211	0.219	6.128	0.521	0.477	0.487
Cyclopenta[c,d]pyrene	0.043	0.046	0.108	0.041	0.038	0.876	0.075	0.075	0.083
Benz[a]anthracene*	0.080	0.086	0.288	0.097	0.084	2.647	0.156	0.129	0.153
Chrysene*	0.205	0.132	0.420	0.175	0.148	4.272	0.649	0.277	0.368
Benzo[b]fluoranthene*	0.227	0.186	0.686	0.223	0.237	7.334	0.455	0.494	0.487
Benzo[k]fluoranthene*	0.080	0.067	0.246	0.092	0.093	2.532	0.166	0.182	0.187
Benzo[e]pyrene	0.139	0.108	0.366	0.130	0.136	4.123	0.266	0.292	0.289
Benzo[a]pyrene*	0.108	0.084	0.341	0.121	0.133	3.918	0.249	0.258	0.263
Indeno[1,2,3-c,d]pyrene*	0.145	0.125	0.368	0.151	0.173	4.909	0.313	0.344	0.355
Dibenzo[a,h]anthracene*	0.066	0.069	0.154	0.077	0.072	1.500	0.128	0.136	0.156
Benzo[g,h,i]perylene	0.168	0.141	0.367	0.163	0.185	4.902	0.334	0.344	0.381
Coronene	0.081	0.079	0.124	0.065	0.092	1.633	0.187	0.145	0.212
Sum of B2 PAH	0.911	0.751	2.502	0.936	0.940	27.111	2.118	1.820	1.969
Sum of target PAH	2.288	1.904	5.807	2.109	2.131	56.638	4.729	4.311	4.590
Dibutylphthalate	12.448	5.883	2.997	5.598	1.396	4.330	2.943	1.687	3.103
Benzylbutylphthalate	15.089	17.015	2.417	24.607	9.673	79.319	10.948	14.062	31.482
Sum of phthalate	27.538	22.898	5.414	30.205	11.069	83.649	13.891	15.750	34.586
Diazinon	0.888	0.061	0.050	0.077	0.041	0.189	0.107	0.052	0.089
Chlorpyrifos	0.839	0.323	0.116	0.631	0.169	4.687	3.877	19.790	0.337
Lindane	0.103	0.075	0.199	0.102	0.051	0.238	0.106	0.142	0.131
Heptachlor	0.837	0.320	0.000	0.329	0.000	0.219	0.967	0.739	0.131
Aldrin	0.000	0.000	0.000	0.000	0.000	0.258	0.000	0.000	0.000
gamma-Chlordane	0.127	0.045	0.024	0.151	0.023	0.281	1.359	0.625	0.178
alpha-Chlordane	0.095	0.029	0.020	0.126	0.019	0.186	0.738	0.283	0.104
p,p'-DDE	0.193	0.000	0.000	0.029	0.000	0.000	0.000	0.000	0.000
Dieldrin	0.103	0.071	0.067	0.031	0.026	0.254	0.000	0.043	0.067
Endrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
p,p'-DDT	3.216	0.151	0.072	0.142	0.072	0.347	0.110	0.112	0.124
Sum of OP	1.727	0.384	0.166	0.708	0.210	4.876	3.984	19.842	0.426
Sum of OC	4.674	0.690	0.381	0.909	0.192	1.781	3.281	1.944	0.736
Sum of PCB	0.349	0.370	0.133	0.156	0.129	1.306	0.782	0.305	1.174
Pentchlorophenol	0.198	0.289	0.178	0.095	0.268	0.640	0.285	1.757	0.541
Nonylphenols	24.083	30.522	15.972	18.989	34.628	41.687	15.802	28.991	28.960
Bisphenol-A	7.417	6.678	3.444	3.940	6.267	8.453	3.795	4.864	5.766
Sum of Phenols	31.697	37.489	19.594	23.024	41.164	50.780	19.882	35.612	35.266
2.4-D	29.933	5.086	0.132	0.083	5.911	0.429	0.494	0.355	1.330

Note that the reported zero value indicated that the target POP was not detected in dust and/or soil samples.

Table M-11. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Homes for Nine Subjects, ng/kg/day

Estimated Daily Doses from Homes
Dietary Ingestion Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	10.404	20.947	13.885	3.139	19.502	44.626	32.721	8.745	24.299
Biphenyl	2.749	10.349	2.642	0.402	3.341	0.000	5.357	0.000	1.093
Acenaphthylene	6.131	1.170	0.000	0.000	0.000	4.367	5.059	3.386	3.837
Acenaphthene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fluorene	3.959	7.952	4.248	0.815	6.533	6.157	10.423	6.975	9.181
Phenanthrene	4.345	9.644	4.884	0.570	5.443	4.387	21.048	3.545	14.102
Anthracene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fluoranthene	1.695	3.432	2.308	0.420	2.219	2.754	9.057	1.765	7.312
Pyrene	0.865	3.558	1.923	0.416	2.025	3.874	6.425	3.461	5.132
Cyclopenta[c,d]pyrene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benz[a]anthracene*	0.000	1.215	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Chrysene*	0.000	0.992	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[b]fluoranthene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[k]fluoranthene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[e]pyrene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[a]pyrene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Indeno[1,2,3-c,d]pyrene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dibenzo[a,h]anthracene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[g,h,i]perylene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coronene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sum of B2 PAH	0.000	2.207	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sum of target PAH	30.148	59.258	29.889	5.761	39.064	66.165	90.089	27.876	64.955
Dibutylphthalate	258.232	300.114	37.656	56.735	234.158	94.136	1636.063	941.266	692.058
Benzylbutylphthalate	1628.552	1559.174	354.195	115.360	928.302	465.485	1292.107	618.815	2300.901
Sum of phthalate	1886.784	1859.288	391.851	172.095	1162.459	559.621	2928.170	1560.081	2992.959
Diazinon	2.164	1.999	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Chlorpyrifos	2.620	2.632	1.160	3.924	1.887	15.786	5.127	12.581	43.302
Lindane	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Heptachlor	6.363	0.000	7.913	0.000	0.000	0.000	10.280	21.596	0.000
Aldrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
gamma-Chlordane	0.000	0.000	0.000	0.441	0.000	2.167	0.000	0.000	0.000
alpha-Chlordane	0.000	0.000	0.000	0.182	0.000	1.007	0.000	0.000	0.000
p,p'-DDE	0.000	0.000	0.000	0.152	0.000	0.000	0.000	0.000	26.440
Dieldrin	0.227	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Endrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
p,p'-DDT	1.822	0.599	1.200	0.526	2.491	5.958	0.000	7.315	18.101
Sum of OP	4.784	4.630	1.160	3.924	1.887	15.786	5.127	12.581	43.302
Sum of OC	8.411	0.599	9.112	1.301	2.491	9.132	10.280	28.910	44.541
Sum of PCB	1.509	0.000	0.894	0.536	5.885	4.847	2.021	0.000	7.468
Pentchlorophenol	0.000	0.000	0.000	0.000	0.000	0.000	1.460	0.000	1.934
Nonylphenols	258.839	228.354	200.629	25.039	378.436	339.279	1023.200	418.428	419.066
Bisphenol-A	9.899	34.186	4.812	0.504	3.755	3.754	56.060	1.927	7.206
Sum of Phenols	268.738	262.539	205.441	25.543	382.190	343.032	1080.720	420.355	428.207
2.4-D	11.983	7.104	39.570	8.368	15.337	27.039	18.332	65.217	19.996

Note that the reported zero value indicated that the target POP was not detected in liquid and/or solid samples.

Table M-11. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Homes for Nine Subjects, ng/kg/day

Estimated Daily Doses from Homes
Inhalation, Nondietary- and Dietary-ingestion Pathways

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	179.499	103.288	401.666	77.079	213.940	993.535	211.839	110.553	244.366
Biphenyl	49.573	30.217	26.140	7.535	31.933	28.464	42.532	22.992	25.767
Acenaphthylene	9.472	2.786	3.514	1.507	0.945	6.529	7.001	4.625	5.774
Acenaphthene	7.119	0.483	1.009	3.468	2.174	5.405	2.774	2.472	0.242
Fluorene	10.047	9.956	9.455	2.748	8.739	10.222	12.712	9.315	11.651
Phenanthrene	16.295	12.733	9.997	3.589	9.079	16.201	24.254	10.662	19.126
Anthracene	0.753	0.272	0.499	0.237	0.289	0.832	0.326	0.459	0.360
Fluoranthene	2.681	3.799	3.503	0.876	2.591	11.057	9.925	2.681	8.247
Pyrene	1.469	3.864	2.791	0.747	2.329	10.230	7.082	4.130	5.796
Cyclopenta[c,d]pyrene	0.043	0.046	0.182	0.041	0.038	0.876	0.075	0.075	0.141
Benz[a]anthracene*	0.148	1.335	0.360	0.126	0.121	2.700	0.190	0.167	0.196
Chrysene*	0.311	1.165	0.540	0.215	0.191	4.336	0.698	0.325	0.428
Benzo[b]fluoranthene*	0.353	0.249	0.817	0.282	0.303	7.435	0.520	0.564	0.568
Benzo[k]fluoranthene*	0.149	0.117	0.319	0.131	0.145	2.603	0.213	0.230	0.240
Benzo[e]pyrene	0.197	0.135	0.426	0.157	0.165	4.168	0.293	0.323	0.326
Benzo[a]pyrene*	0.188	0.119	0.475	0.159	0.164	3.966	0.284	0.299	0.306
Indeno[1,2,3-c,d]pyrene*	0.232	0.173	0.477	0.201	0.224	4.989	0.360	0.398	0.415
Dibenzo[a,h]anthracene*	0.127	0.100	0.247	0.103	0.072	1.546	0.160	0.164	0.197
Benzo[g,h,i]perylene	0.237	0.176	0.446	0.207	0.221	4.968	0.370	0.385	0.426
Coronene	0.138	0.122	0.197	0.111	0.135	1.704	0.229	0.190	0.261
Sum of B2 PAH	1.508	3.257	3.235	1.216	1.219	27.576	2.425	2.146	2.350
Sum of target PAH	279.030	171.135	463.062	99.517	273.797	1121.767	321.838	171.007	324.832
Dibutylphthalate	502.179	444.155	218.766	162.849	359.020	252.887	1835.328	1034.842	924.137
Benzylbutylphthalate	1764.959	1604.039	553.331	209.943	996.268	606.212	1371.092	666.316	2459.336
Sum of phthalate	2267.138	2048.194	772.096	372.792	1355.288	859.099	3206.420	1701.158	3383.473
Diazinon	73.382	4.256	1.234	3.910	0.358	2.200	0.792	1.210	1.866
Chlorpyrifos	32.410	9.661	5.000	15.739	3.865	131.057	24.896	560.608	45.313
Lindane	6.544	4.972	6.543	1.455	3.434	3.797	4.822	3.406	3.853
Heptachlor	32.863	7.335	9.520	0.626	0.223	6.256	69.081	66.131	5.259
Aldrin	2.613	2.481	3.333	0.592	0.893	3.209	0.378	0.706	1.040
gamma-Chlordane	1.238	0.378	0.388	0.837	0.556	3.953	13.554	6.176	0.781
alpha-Chlordane	0.797	0.211	0.255	0.468	0.449	2.123	6.387	2.310	0.418
p,p'-DDE	0.319	0.000	0.096	0.307	0.000	0.104	0.000	0.000	26.518
Dieldrin	0.330	0.071	0.067	0.158	0.026	0.854	0.000	0.043	0.223
Endrin	0.425	0.000	0.423	0.000	0.154	0.000	0.188	0.000	0.000
p,p'-DDT	5.038	0.750	1.271	0.668	2.562	6.305	0.110	7.427	18.225
Sum of OP	105.792	13.917	6.234	19.649	4.223	133.257	25.688	561.818	47.179
Sum of OC	50.166	16.198	21.896	5.112	8.297	26.601	94.520	86.199	56.317
Sum of PCB	12.358	6.688	9.333	2.623	10.512	9.505	8.577	30.288	17.500
Pentchlorophenol	2.037	6.654	1.064	0.371	2.048	1.846	4.093	26.317	3.429
Nonylphenols	386.544	430.920	420.934	44.176	463.377	458.145	1212.890	515.202	449.807
Bisphenol-A	31.615	50.355	29.442	5.499	16.366	15.622	64.613	9.855	12.972
Sum of Phenols	420.197	487.928	451.440	50.046	481.792	475.613	1281.596	551.374	466.208
2.4-D	41.916	12.190	39.703	8.581	21.248	27.468	18.961	65.572	21.326

Note that the zero value was used for the calaulation of total POP dose for the POP which was not detected in the multimedia samples; the reported zero value here inditated that the target POP was not detected in all sample media (air, dust, soil, and food).

Table M-12. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Daycare Centers for Nine Subjects, ng/kg/day

Estimated Daily Doses from Daycare Centers
Inhalation Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	251.170	368.733	210.989	181.774	53.430	62.602	33.649	39.499	48.697
Biphenyl	23.509	34.529	19.427	16.811	16.641	19.415	10.434	12.269	15.409
Acenaphthylene	0.915	1.340	0.840	0.707	0.884	1.036	0.557	0.654	0.806
Acenaphthene	12.158	17.855	10.106	8.732	1.653	1.949	1.048	1.227	1.472
Fluorene	1.867	2.729	1.789	1.490	1.906	2.241	1.204	1.412	1.717
Phenanthrene	6.776	9.900	6.596	5.473	3.335	3.924	2.109	2.472	2.993
Anthracene	0.205	0.299	0.223	0.180	0.220	0.258	0.139	0.163	0.199
Fluoranthene	0.264	0.383	0.303	0.242	0.176	0.208	0.112	0.131	0.153
Pyrene	0.136	0.197	0.157	0.125	0.088	0.105	0.056	0.066	0.078
Cyclopenta[c,d]pyrene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benz[a]anthracene*	0.020	0.029	0.028	0.021	0.028	0.033	0.018	0.021	0.025
Chrysene*	0.028	0.041	0.034	0.027	0.036	0.042	0.022	0.026	0.032
Benzo[b]fluoranthene*	0.037	0.054	0.051	0.039	0.053	0.062	0.033	0.039	0.046
Benzo[k]fluoranthene*	0.022	0.031	0.032	0.024	0.037	0.043	0.023	0.027	0.032
Benzo[e]pyrene	0.016	0.023	0.022	0.017	0.024	0.028	0.015	0.018	0.021
Benzo[a]pyrene*	0.020	0.029	0.028	0.022	0.027	0.032	0.017	0.020	0.024
Indeno[1,2,3-c,d]pyrene*	0.027	0.039	0.037	0.029	0.038	0.045	0.024	0.028	0.034
Dibenzo[a,h]anthracene*	0.013	0.019	0.011	0.009	0.021	0.024	0.013	0.015	0.019
Benzo[g,h,i]perylene	0.030	0.043	0.036	0.028	0.028	0.033	0.018	0.021	0.025
Coronene	0.026	0.038	0.034	0.026	0.032	0.038	0.021	0.024	0.028
Sum of B2 PAH	0.168	0.242	0.220	0.171	0.239	0.282	0.151	0.177	0.212
Sum of target PAH	297.240	436.310	250.743	215.779	78.657	92.119	49.514	58.131	71.810
Dibutylphthalate	190.549	279.663	161.473	138.788	85.664	100.406	53.970	63.342	77.975
Benzylbutylphthalate	37.339	53.996	46.911	36.810	59.944	70.860	38.098	44.563	52.828
Sum of phthalate	227.887	333.659	208.384	175.598	145.609	171.266	92.068	107.905	130.803
Diazinon	1.789	2.625	1.521	1.306	0.563	0.655	0.352	0.414	0.526
Chlorpyrifos	6.397	9.394	5.330	4.602	0.871	1.021	0.549	0.644	0.793
Lindane	1.539	2.260	1.289	1.112	1.934	2.253	1.211	1.425	1.799
Heptachlor	2.131	3.129	1.783	1.538	0.562	0.661	0.355	0.416	0.508
Aldrin	1.045	1.535	0.845	0.736	0.000	0.000	0.000	0.000	0.000
gamma-Chlordane	5.248	7.704	4.408	3.798	0.178	0.209	0.112	0.132	0.162
alpha-Chlordane	4.114	6.040	3.431	2.962	0.112	0.132	0.071	0.083	0.101
p,p'-DDE	0.046	0.068	0.038	0.033	0.000	0.000	0.000	0.000	0.000
Dieldrin	0.096	0.141	0.078	0.068	0.000	0.000	0.000	0.000	0.000
Endrin	0.079	0.116	0.064	0.056	0.125	0.145	0.078	0.092	0.116
p,p'-DDT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sum of OP	8.186	12.019	6.851	5.908	1.434	1.676	0.901	1.059	1.319
Sum of OC	14.298	20.994	11.936	10.300	2.911	3.400	1.827	2.147	2.685
Sum of PCB	9.707	14.234	8.456	7.215	12.267	14.324	7.698	9.049	11.323
Pentchlorophenol	0.280	0.410	0.262	0.220	0.300	0.355	0.191	0.223	0.266
Nonylphenols	48.797	71.713	39.531	34.396	110.910	129.113	69.385	81.659	103.507
Bisphenol-A	1.783	2.615	1.568	1.335	2.257	2.657	1.428	1.674	2.020
Sum of Phenols	50.860	74.738	41.361	35.950	113.467	132.125	71.005	83.555	105.793
2.4-D	0.000	0.000	0.000	0.000	0.017	0.021	0.011	0.013	0.014

Note that the reported zero value indicated that the target POP was not detected in indoor- and/or outdoor-air samples.

Table M-12. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Daycare Centers for Nine Subjects, ng/kg/day

Estimated Daily Doses from Daycare Centers
Nondietary Ingestion Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	0.077	0.114	0.056	0.049	0.032	0.037	0.012	0.014	0.018
Biphenyl	0.011	0.017	0.011	0.010	0.014	0.017	0.006	0.007	0.008
Acenaphthylene	0.017	0.024	0.015	0.013	0.009	0.011	0.005	0.006	0.007
Acenaphthene	0.143	0.210	0.093	0.081	0.026	0.031	0.008	0.009	0.012
Fluorene	0.072	0.105	0.043	0.037	0.037	0.043	0.015	0.018	0.022
Phenanthrene	1.192	1.751	0.739	0.641	0.183	0.213	0.056	0.066	0.083
Anthracene	0.156	0.228	0.100	0.086	0.026	0.031	0.008	0.010	0.012
Fluoranthene	1.539	2.261	0.972	0.843	0.220	0.256	0.073	0.086	0.108
Pyrene	1.223	1.797	0.793	0.688	0.190	0.221	0.063	0.074	0.093
Cyclopenta[c,d]pyrene	0.187	0.274	0.120	0.104	0.032	0.037	0.014	0.017	0.021
Benz[a]anthracene*	0.584	0.858	0.368	0.319	0.073	0.085	0.032	0.038	0.048
Chrysene*	0.719	1.056	0.452	0.391	0.133	0.154	0.068	0.080	0.101
Benzo[b]fluoranthene*	1.032	1.516	0.642	0.556	0.187	0.218	0.063	0.074	0.094
Benzo[k]fluoranthene*	0.400	0.588	0.241	0.209	0.069	0.080	0.023	0.028	0.035
Benzo[e]pyrene	0.540	0.794	0.339	0.294	0.113	0.132	0.040	0.047	0.060
Benzo[a]pyrene*	0.683	1.003	0.405	0.351	0.106	0.123	0.034	0.040	0.050
Indeno[1,2,3-c,d]pyrene*	0.670	0.985	0.421	0.365	0.131	0.152	0.048	0.056	0.071
Dibenzo[a,h]anthracene*	0.244	0.359	0.155	0.134	0.055	0.065	0.022	0.026	0.033
Benzo[g,h,i]perylene	0.624	0.917	0.402	0.349	0.140	0.163	0.054	0.063	0.080
Coronene	0.177	0.259	0.123	0.107	0.060	0.070	0.025	0.030	0.038
Sum of B2 PAH	4.333	6.367	2.684	2.326	0.754	0.878	0.291	0.342	0.432
Sum of target PAH	10.290	15.118	6.490	5.627	1.835	2.137	0.669	0.787	0.995
Dibutylphthalate	0.099	0.145	8.019	6.978	2.167	2.527	0.989	1.163	1.460
Benzylbutylphthalate	0.037	0.055	2.692	2.343	17.470	20.335	8.031	9.451	11.985
Sum of phthalate	0.136	0.200	10.711	9.321	19.637	22.862	9.020	10.614	13.444
Diazinon	0.018	0.027	0.092	0.080	0.059	0.068	0.051	0.060	0.076
Chlorpyrifos	0.147	0.217	0.371	0.323	0.074	0.087	0.054	0.063	0.080
Lindane	0.033	0.048	0.029	0.025	0.049	0.057	0.030	0.036	0.045
Heptachlor	0.081	0.120	0.065	0.056	0.001	0.001	0.000	0.000	0.000
Aldrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
gamma-Chlordane	0.485	0.713	0.401	0.349	0.021	0.024	0.011	0.013	0.017
alpha-Chlordane	0.425	0.624	0.360	0.313	0.014	0.016	0.009	0.010	0.013
p,p'-DDE	0.007	0.010	0.018	0.016	0.000	0.000	0.000	0.000	0.000
Dieldrin	0.000	0.000	0.032	0.028	0.000	0.000	0.013	0.015	0.019
Endrin	0.000	0.000	0.380	0.331	0.000	0.000	0.000	0.000	0.000
p,p'-DDT	0.000	0.000	0.056	0.049	0.000	0.000	0.000	0.000	0.000
Sum of OP	0.166	0.244	0.464	0.403	0.133	0.155	0.104	0.123	0.156
Sum of OC	1.030	1.514	1.342	1.167	0.084	0.099	0.064	0.075	0.095
Sum of PCB	0.251	0.369	0.842	0.732	0.429	0.500	0.197	0.232	0.294
Pentchlorophenol	0.079	0.116	0.054	0.047	0.148	0.173	0.076	0.090	0.114
Nonylphenols	7.834	11.510	18.436	16.030	123.444	143.665	67.601	79.567	100.972
Bisphenol-A	0.960	1.411	1.342	1.167	7.653	8.906	4.378	5.154	6.540
Sum of Phenols	8.873	13.037	19.832	17.243	131.245	152.744	72.055	84.810	107.626
2,4-D	0.086	0.127	0.095	0.083	0.631	0.735	0.276	0.325	0.412

Note that the reported zero value indicated that the target POP was not detected in dust and/or soil samples.

Table M-12. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Daycare Centers for Nine Subjects, ng/kg/day

Estimated Daily Doses from Daycare Centers
Dietary Ingestion Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	40.868	43.203	47.544	31.007	56.816	74.298	11.231	12.635	14.440
Biphenyl	2.428	2.566	5.878	3.833	6.876	8.992	0.000	0.000	0.000
Acenaphthylene	3.879	4.100	19.415	12.662	4.343	5.680	2.938	3.305	3.777
Acenaphthene	31.336	33.127	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fluorene	18.854	19.931	8.207	5.352	8.977	11.739	12.318	13.857	15.837
Phenanthrene	5.206	5.503	14.237	9.285	16.499	21.576	4.173	4.694	5.365
Anthracene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fluoranthene	4.075	4.308	7.616	4.967	8.100	10.592	2.282	2.567	2.934
Pyrene	3.747	3.961	5.391	3.516	4.704	6.152	1.459	1.642	1.876
Cyclopenta[c,d]pyrene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benz[a]anthracene*	7.931	8.384	0.000	0.000	3.434	4.491	0.000	0.000	0.000
Chrysene*	2.288	2.418	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[b]fluoranthene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[k]fluoranthene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[e]pyrene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[a]pyrene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Indeno[1,2,3-c,d]pyrene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dibenzo[a,h]anthracene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[g,h,i]perylene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coronene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sum of B2 PAH	10.219	10.802	0.000	0.000	3.434	4.491	0.000	0.000	0.000
Sum of target PAH	120.611	127.503	108.288	70.623	109.751	143.520	34.400	38.700	44.229
Dibutylphthalate	240.717	254.473	1070.600	698.218	1996.737	2611.117	95.339	107.257	122.579
Benzylbutylphthalate	321.655	340.035	832.242	542.767	1625.523	2125.684	335.987	377.986	431.984
Sum of phthalate	562.372	594.508	1902.842	1240.984	3622.260	4736.801	431.327	485.242	554.563
Diazinon	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Chlorpyrifos	6.842	7.233	3.965	2.586	52.948	69.239	3.781	4.254	4.862
Lindane	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Heptachlor	0.000	0.000	7.985	5.208	13.492	17.643	10.641	11.971	13.681
Aldrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
gamma-Chlordane	0.000	0.000	0.984	0.641	1.602	2.095	0.000	0.000	0.000
alpha-Chlordane	0.000	0.000	0.000	0.000	1.472	1.925	0.000	0.000	0.000
p,p'-DDE	1.275	1.348	0.000	0.000	0.000	0.000	3.730	4.197	4.796
Dieldrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Endrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
p,p'-DDT	5.006	5.292	5.139	3.352	5.801	7.586	0.000	0.000	0.000
Sum of OP	6.842	7.233	3.965	2.586	52.948	69.239	3.781	4.254	4.862
Sum of OC	6.281	6.639	14.108	9.201	22.366	29.248	14.371	16.167	18.477
Sum of PCB	0.000	0.000	2.813	1.835	0.000	0.000	8.108	9.122	10.425
Pentchlorophenol	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nonylphenols	495.184	523.481	204.070	133.089	718.840	940.021	282.116	317.381	362.721
Bisphenol-A	16.658	17.610	21.024	13.711	22.089	28.886	3.467	3.900	4.457
Sum of Phenols	511.843	541.091	225.093	146.800	740.929	968.907	285.583	321.281	367.178
2.4-D	45.607	48.213	13.138	8.568	92.373	120.795	55.898	62.886	71.869

Note that the reported zero value indicated that the POP was not detected in liquid and/or solid samples.

Table M-12. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Daycare Centers for Nine Subjects, ng/kg/day

Estimated Daily Doses from Daycare Centers
Inhalation, Nondietary- and Dietary-ingestion Pathways

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	292.116	412.050	258.589	212.830	110.278	136.938	44.892	52.148	63.155
Biphenyl	25.948	37.112	25.316	20.655	23.532	28.424	10.440	12.276	15.417
Acenaphthylene	4.810	5.464	20.270	13.382	5.237	6.727	3.500	3.964	4.590
Acenaphthene	43.637	51.192	10.199	8.813	1.679	1.979	1.055	1.236	1.484
Fluorene	20.792	22.766	10.040	6.880	10.920	14.023	13.537	15.287	17.576
Phenanthrene	13.173	17.154	21.572	15.399	20.017	25.712	6.338	7.232	8.441
Anthracene	0.361	0.527	0.322	0.267	0.247	0.289	0.147	0.173	0.211
Fluoranthene	5.878	6.952	8.891	6.052	8.495	11.056	2.466	2.783	3.195
Pyrene	5.106	5.956	6.341	4.329	4.982	6.477	1.578	1.781	2.047
Cyclopenta[c,d]pyrene	0.187	0.274	0.120	0.104	0.032	0.037	0.014	0.017	0.021
Benz[a]anthracene*	8.535	9.271	0.396	0.340	3.536	4.610	0.050	0.059	0.072
Chrysene*	3.035	3.516	0.486	0.418	0.168	0.196	0.090	0.106	0.133
Benzo[b]fluoranthene*	1.069	1.570	0.693	0.596	0.240	0.280	0.097	0.114	0.141
Benzo[k]fluoranthene*	0.422	0.620	0.273	0.233	0.105	0.123	0.047	0.055	0.067
Benzo[e]pyrene	0.556	0.817	0.361	0.311	0.137	0.160	0.055	0.065	0.081
Benzo[a]pyrene*	0.703	1.033	0.434	0.373	0.133	0.155	0.051	0.060	0.074
Indeno[1,2,3-c,d]pyrene*	0.697	1.024	0.458	0.394	0.169	0.197	0.072	0.085	0.105
Dibenzo[a,h]anthracene*	0.257	0.378	0.166	0.144	0.076	0.089	0.035	0.042	0.053
Benzo[g,h,i]perylene	0.654	0.960	0.438	0.377	0.168	0.196	0.072	0.084	0.105
Coronene	0.203	0.297	0.157	0.133	0.092	0.108	0.046	0.054	0.066
Sum of B2 PAH	14.720	17.411	2.904	2.498	4.427	5.650	0.442	0.519	0.644
Sum of target PAH	428.141	578.931	365.521	292.029	190.243	237.776	84.583	97.619	117.034
Dibutylphthalate	431.365	534.280	1240.093	843.984	2084.568	2714.050	150.298	171.762	202.014
Benzylbutylphthalate	359.031	394.086	881.845	581.920	1702.938	2216.879	382.117	432.000	496.796
Sum of phthalate	790.396	928.366	2121.938	1425.904	3787.506	4930.929	532.414	603.762	698.810
Diazinon	1.807	2.652	1.614	1.386	0.621	0.723	0.403	0.474	0.601
Chlorpyrifos	13.386	16.843	9.666	7.511	53.894	70.347	4.384	4.961	5.735
Lindane	1.572	2.308	1.319	1.136	1.983	2.310	1.241	1.460	1.844
Heptachlor	2.212	3.249	9.833	6.802	14.055	18.305	10.996	12.388	14.189
Aldrin	1.045	1.535	0.845	0.736	0.000	0.000	0.000	0.000	0.000
gamma-Chlordane	5.733	8.417	5.793	4.788	1.800	2.327	0.124	0.145	0.178
alpha-Chlordane	4.538	6.664	3.791	3.275	1.598	2.073	0.080	0.093	0.114
p,p'-DDE	1.328	1.426	0.056	0.049	0.000	0.000	3.730	4.197	4.796
Dieldrin	0.096	0.141	0.110	0.096	0.000	0.000	0.013	0.015	0.019
Endrin	0.079	0.116	0.444	0.387	0.125	0.145	0.078	0.092	0.116
p,p'-DDT	5.006	5.292	5.195	3.400	5.801	7.586	0.000	0.000	0.000
Sum of OP	15.193	19.495	11.280	8.897	54.515	71.070	4.786	5.435	6.337
Sum of OC	21.608	29.147	27.386	20.669	25.361	32.746	16.262	18.390	21.256
Sum of PCB	9.958	14.603	12.110	9.782	12.696	14.824	16.004	18.403	22.042
Pentchlorophenol	0.359	0.525	0.316	0.267	0.449	0.527	0.267	0.313	0.380
Nonylphenols	551.815	606.704	262.036	183.514	953.193	1212.799	419.102	478.606	567.200
Bisphenol-A	19.402	21.636	23.934	16.213	31.999	40.450	9.274	10.727	13.017
Sum of Phenols	571.576	628.865	286.287	199.994	985.641	1253.776	428.643	489.646	580.597
2.4-D	45.693	48.340	13.233	8.651	93.021	121.550	56.186	63.223	72.296

Note that the zero value was used for the calaulation of total POP dose for the POP which was not detected in the multimedia samples; the reported zero value here inditated that the target POP was not detected in all sample media (air, dust, soil, and food).

Table M-13. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Homes and Daycare Centers for Nine Subjects, ng/kg/day

Estimated Total Daily Doses from Homes and Daycare Centers
Inhalation Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	420.242	451.051	598.736	255.697	247.849	1011.315	212.767	141.288	268.706
Biphenyl	70.321	54.395	42.925	23.942	45.231	47.875	47.595	35.259	40.082
Acenaphthylene	4.241	2.947	4.338	2.205	1.820	3.082	2.481	1.870	2.724
Acenaphthene	19.257	18.325	11.065	12.178	3.814	7.254	3.801	3.675	1.694
Fluorene	7.927	4.711	6.954	3.399	4.093	6.165	3.461	3.721	4.147
Phenanthrene	18.462	12.792	11.183	8.307	6.813	12.700	4.902	9.195	7.664
Anthracene	0.912	0.543	0.647	0.384	0.487	0.753	0.427	0.584	0.517
Fluoranthene	0.945	0.482	0.596	0.429	0.269	0.578	0.291	0.419	0.453
Pyrene	0.506	0.285	0.335	0.245	0.173	0.333	0.192	0.257	0.255
Cyclopenta[c,d]pyrene	0.000	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.058
Benz[a]anthracene*	0.087	0.062	0.100	0.051	0.064	0.086	0.052	0.058	0.068
Chrysene*	0.135	0.082	0.154	0.067	0.079	0.106	0.071	0.075	0.092
Benzo[b]fluoranthene*	0.163	0.116	0.182	0.099	0.118	0.163	0.098	0.109	0.127
Benzo[k]fluoranthene*	0.091	0.081	0.105	0.063	0.088	0.115	0.070	0.076	0.086
Benzo[e]pyrene	0.074	0.050	0.082	0.044	0.052	0.073	0.042	0.048	0.057
Benzo[a]pyrene*	0.100	0.064	0.163	0.060	0.058	0.080	0.052	0.061	0.067
Indeno[1,2,3-c,d]pyrene*	0.114	0.086	0.146	0.078	0.089	0.126	0.071	0.082	0.094
Dibenzo[a,h]anthracene*	0.074	0.050	0.104	0.035	0.021	0.071	0.044	0.043	0.060
Benzo[g,h,i]perylene	0.099	0.078	0.114	0.073	0.064	0.099	0.054	0.062	0.069
Coronene	0.083	0.080	0.106	0.072	0.075	0.109	0.063	0.069	0.077
Sum of B2 PAH	0.764	0.541	0.953	0.452	0.518	0.747	0.458	0.504	0.593
Sum of target PAH	543.833	546.282	678.109	307.426	311.259	1091.083	276.534	196.951	327.097
Dibutylphthalate	422.047	417.821	339.586	239.304	209.131	254.827	250.292	155.230	306.951
Benzylbutylphthalate	158.657	81.846	243.630	106.786	118.238	132.268	106.136	78.002	179.780
Sum of phthalate	580.704	499.667	583.216	346.091	327.369	387.095	356.427	233.232	486.731
Diazinon	72.119	4.821	2.705	5.139	0.880	2.665	1.037	1.573	2.303
Chlorpyrifos	35.348	16.100	9.054	15.786	2.680	111.606	16.441	528.882	2.467
Lindane	7.980	7.157	7.634	2.465	5.316	5.813	5.926	4.689	5.521
Heptachlor	27.794	10.144	3.390	1.835	0.786	6.698	58.189	44.213	5.635
Aldrin	3.657	4.016	4.178	1.328	0.893	2.952	0.378	0.706	1.040
gamma-Chlordane	6.359	8.037	4.771	4.043	0.711	1.714	12.308	5.683	0.764
alpha-Chlordane	4.816	6.222	3.666	3.121	0.541	1.062	5.719	2.110	0.415
p,p'-DDE	0.172	0.068	0.134	0.160	0.000	0.104	0.000	0.000	0.078
Dieldrin	0.096	0.141	0.078	0.195	0.000	0.600	0.000	0.000	0.155
Endrin	0.503	0.116	0.486	0.056	0.278	0.145	0.266	0.092	0.116
p,p'-DDT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sum of OP	107.467	20.922	11.759	20.925	3.560	114.271	17.478	530.454	4.770
Sum of OC	51.378	35.902	24.339	13.202	8.526	19.087	82.786	57.492	13.725
Sum of PCB	20.207	20.552	16.761	9.146	16.765	17.676	13.473	39.031	20.181
Pentchlorophenol	2.120	6.774	1.149	0.496	2.080	1.560	2.539	24.783	1.219
Nonylphenols	152.419	243.758	243.863	34.544	161.223	206.292	243.273	149.442	105.289
Bisphenol-A	16.083	12.105	22.754	2.389	8.602	6.072	6.187	4.738	2.020
Sum of Phenols	170.622	262.637	267.767	37.429	171.905	213.925	251.998	178.962	108.528
2.4-D	0.000	0.000	0.000	0.130	0.017	0.021	0.146	0.013	0.014

Note that the reported zero value indicated that the target POP was not detected in indoor- and/or outdoor-air samples.

Table M-13. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Homes and Daycare Centers for Nine Subjects, ng/kg/day

Estimated Total Daily Doses from Homes and Daycare Centers
Nondietary Ingestion Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	0.101	0.136	0.091	0.066	0.050	0.233	0.012	0.033	0.076
Biphenyl	0.023	0.019	0.011	0.012	0.016	0.020	0.019	0.009	0.008
Acenaphthylene	0.031	0.033	0.031	0.022	0.019	0.127	0.023	0.028	0.027
Acenaphthene	0.162	0.223	0.144	0.103	0.040	0.130	0.028	0.033	0.032
Fluorene	0.100	0.126	0.086	0.062	0.056	0.183	0.048	0.049	0.061
Phenanthrene	1.456	1.948	1.265	0.827	0.341	3.250	0.469	0.459	0.436
Anthracene	0.201	0.256	0.174	0.119	0.048	0.369	0.046	0.048	0.054
Fluoranthene	1.843	2.530	1.875	1.112	0.498	8.189	0.762	0.713	0.744
Pyrene	1.457	2.015	1.484	0.899	0.409	6.349	0.584	0.551	0.580
Cyclopenta[c,d]pyrene	0.230	0.320	0.228	0.144	0.069	0.912	0.090	0.092	0.105
Benz[a]anthracene*	0.664	0.945	0.656	0.416	0.158	2.733	0.188	0.167	0.200
Chrysene*	0.924	1.188	0.872	0.567	0.280	4.427	0.717	0.356	0.469
Benzo[b]fluoranthene*	1.259	1.702	1.328	0.779	0.424	7.552	0.519	0.569	0.582
Benzo[k]fluoranthene*	0.480	0.656	0.487	0.301	0.161	2.612	0.190	0.209	0.222
Benzo[e]pyrene	0.679	0.902	0.705	0.424	0.250	4.255	0.306	0.340	0.349
Benzo[a]pyrene*	0.791	1.088	0.746	0.473	0.239	4.041	0.283	0.298	0.314
Indeno[1,2,3-c,d]pyrene*	0.816	1.110	0.789	0.516	0.303	5.061	0.361	0.400	0.426
Dibenzo[a,h]anthracene*	0.310	0.428	0.309	0.211	0.127	1.564	0.151	0.162	0.190
Benzo[g,h,i]perylene	0.792	1.058	0.769	0.512	0.325	5.066	0.388	0.407	0.461
Coronene	0.258	0.339	0.247	0.172	0.152	1.703	0.212	0.175	0.250
Sum of B2 PAH	5.245	7.118	5.186	3.262	1.694	27.989	2.409	2.162	2.402
Sum of target PAH	12.578	17.022	12.297	7.736	3.967	58.775	5.397	5.098	5.585
Dibutylphthalate	12.547	6.028	11.016	12.576	3.563	6.857	3.932	2.850	4.563
Benzylbutylphthalate	15.126	17.070	5.109	26.950	27.144	99.653	18.979	23.514	43.467
Sum of phthalate	27.674	23.098	16.125	39.526	30.707	106.510	22.911	26.364	48.030
Diazinon	0.906	0.087	0.142	0.157	0.099	0.257	0.157	0.111	0.165
Chlorpyrifos	0.987	0.540	0.487	0.954	0.244	4.773	3.931	19.853	0.417
Lindane	0.136	0.123	0.228	0.127	0.100	0.295	0.137	0.177	0.176
Heptachlor	0.919	0.439	0.065	0.385	0.001	0.219	0.968	0.739	0.132
Aldrin	0.000	0.000	0.000	0.000	0.000	0.258	0.000	0.000	0.000
gamma-Chlordane	0.612	0.758	0.426	0.500	0.043	0.305	1.370	0.638	0.195
alpha-Chlordane	0.520	0.653	0.380	0.440	0.034	0.202	0.747	0.294	0.117
p,p'-DDE	0.200	0.010	0.018	0.044	0.000	0.000	0.000	0.000	0.000
Dieldrin	0.103	0.071	0.099	0.059	0.026	0.254	0.013	0.058	0.087
Endrin	0.000	0.000	0.380	0.331	0.000	0.000	0.000	0.000	0.000
p,p'-DDT	3.216	0.151	0.127	0.190	0.072	0.347	0.110	0.112	0.124
Sum of OP	1.893	0.627	0.630	1.111	0.343	5.030	4.088	19.964	0.582
Sum of OC	5.705	2.204	1.723	2.076	0.276	1.879	3.345	2.020	0.830
Sum of PCB	0.600	0.739	0.975	0.888	0.558	1.806	0.979	0.537	1.468
Pentchlorophenol	0.276	0.405	0.232	0.142	0.417	0.812	0.361	1.847	0.656
Nonylphenols	31.917	42.032	34.407	35.018	158.072	185.352	83.402	108.558	129.931
Bisphenol-A	8.377	8.089	4.787	5.107	13.920	17.360	8.174	10.018	12.305
Sum of Phenols	40.570	50.526	39.426	40.267	172.409	203.524	91.938	120.422	142.892
2.4-D	30.019	5.213	0.227	0.166	6.542	1.163	0.770	0.680	1.742

Note that the reported zero value indicated that the target POP was not detected in dust and/or soil samples.

Table M-13. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Homes and Daycare Centers for Nine Subjects, ng/kg/day

Estimated Total Daily Doses from Homes and Daycare Centers
Dietary Ingestion Pathway

Compound	HA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	51.272	64.150	61.429	34.146	76.319	118.925	43.952	21.380	38.739
Biphenyl	5.177	12.915	8.520	4.235	10.218	8.992	5.357	0.000	1.093
Acenaphthylene	10.010	5.270	19.415	12.662	4.343	10.046	7.996	6.691	7.614
Acenaphthene	31.336	33.127	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fluorene	22.813	27.883	12.455	6.167	15.510	17.896	22.740	20.832	25.018
Phenanthrene	9.550	15.147	19.121	9.854	21.942	25.963	25.221	8.240	19.467
Anthracene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fluoranthene	5.771	7.740	9.924	5.387	10.319	13.347	11.338	4.332	10.245
Pyrene	4.613	7.520	7.314	3.932	6.729	10.026	7.884	5.103	7.008
Cyclopenta[c,d]pyrene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benz[a]anthracene*	7.931	9.599	0.000	0.000	3.434	4.491	0.000	0.000	0.000
Chrysene*	2.288	3.411	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[b]fluoranthene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[k]fluoranthene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[e]pyrene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[a]pyrene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Indeno[1,2,3-c,d]pyrene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dibenzo[a,h]anthracene*	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Benzo[g,h,i]perylene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Coronene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sum of B2 PAH	10.219	13.009	0.000	0.000	3.434	4.491	0.000	0.000	0.000
Sum of target PAH	150.759	186.762	138.177	76.384	148.814	209.685	124.490	66.577	109.184
Dibutylphthalate	498.949	554.587	1108.256	754.953	2230.894	2705.253	1731.402	1048.523	814.637
Benzylbutylphthalate	1950.207	1899.209	1186.437	658.126	2553.825	2591.169	1628.094	996.801	2732.885
Sum of phthalate	2449.156	2453.796	2294.693	1413.079	4784.719	5296.422	3359.496	2045.324	3547.522
Diazinon	2.164	1.999	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Chlorpyrifos	9.462	9.864	5.125	6.510	54.835	85.025	8.909	16.835	48.164
Lindane	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Heptachlor	6.363	0.000	15.898	5.208	13.492	17.643	20.921	33.567	13.681
Aldrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
gamma-Chlordane	0.000	0.000	0.984	1.083	1.602	4.261	0.000	0.000	0.000
alpha-Chlordane	0.000	0.000	0.000	0.182	1.472	2.932	0.000	0.000	0.000
p,p'-DDE	1.275	1.348	0.000	0.152	0.000	0.000	3.730	4.197	31.236
Dieldrin	0.227	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Endrin	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
p,p'-DDT	6.827	5.891	6.339	3.878	8.292	13.544	0.000	7.315	18.101
Sum of OP	11.625	11.863	5.125	6.510	54.835	85.025	8.909	16.835	48.164
Sum of OC	14.692	7.239	23.221	10.502	24.857	38.380	24.651	45.078	63.018
Sum of PCB	1.509	0.000	3.707	2.371	5.885	4.847	10.129	9.122	17.893
Pentchlorophenol	0.000	0.000	0.000	0.000	0.000	0.000	1.460	0.000	1.934
Nonylphenols	754.023	751.834	404.699	158.128	1097.275	1279.300	1305.317	735.809	781.787
Bisphenol-A	26.557	51.796	25.836	14.215	25.844	32.640	59.527	5.827	11.664
Sum of Phenols	780.580	803.630	430.535	172.343	1123.119	1311.939	1366.303	741.636	795.385
2.4-D	57.590	55.317	52.708	16.936	107.709	147.834	74.231	128.102	91.866

Note that the reported zero value indicated that the POP was not detected in liquid and/or solid samples.

Table M-13. Data Listing for Phase 2 Data: Estimated Daily POP Doses from Homes and Daycare Centers for Nine Subjects, ng/kg/day

Estimated Total Daily Doses from Homes and Daycare Centers
Inhalation, Nondietary- and Dietary-Ingestion Pathways

Compound	IIA3	HB3	HC3	HD3	HE9	HF9	HG9	HH9	HI9
	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day	ng/kg/day
Naphthalene	471.615	515.338	660.256	289.910	324.217	1130.473	256.731	162.701	307.521
Biphenyl	75.520	67.329	51.456	28.189	55.465	56.887	52.971	35.268	41.184
Acenaphthylene	14.282	8.250	23.784	14.889	6.182	13.256	10.501	8.589	10.364
Acenaphthene	50.756	51.675	11.209	12.280	3.854	7.384	3.830	3.708	1.726
Fluorene	30.840	32.721	19.495	9.628	19.660	24.244	26.249	24.602	29.227
Phenanthrene	29.469	29.887	31.569	18.988	29.096	41.913	30.592	17.894	27.566
Anthracene	1.113	0.799	0.821	0.503	0.536	1.122	0.473	0.632	0.571
Fluoranthene	8.559	10.751	12.394	6.928	11.086	22.113	12.391	5.464	11.442
Pyrene	6.576	9.819	9.133	5.076	7.311	16.708	8.660	5.911	7.843
Cyclopenta[c,d]pyrene	0.230	0.320	0.302	0.144	0.069	0.912	0.090	0.092	0.163
Benz[a]anthracene*	8.682	10.606	0.756	0.466	3.656	7.310	0.240	0.225	0.268
Chrysene*	3.346	4.681	1.025	0.633	0.359	4.533	0.789	0.431	0.560
Benzo[b]fluoranthene*	1.423	1.819	1.510	0.878	0.543	7.715	0.617	0.678	0.709
Benzo[k]fluoranthene*	0.571	0.736	0.592	0.364	0.250	2.726	0.260	0.285	0.307
Benzo[e]pyrene	0.753	0.952	0.787	0.468	0.301	4.328	0.348	0.388	0.406
Benzo[a]pyrene*	0.892	1.152	0.909	0.532	0.297	4.122	0.335	0.358	0.380
Indeno[1,2,3-c,d]pyrene*	0.930	1.197	0.934	0.594	0.393	5.186	0.432	0.483	0.520
Dibenzo[a,h]anthracene*	0.384	0.478	0.413	0.247	0.148	1.635	0.195	0.205	0.249
Benzo[g,h,i]perylene	0.890	1.136	0.884	0.584	0.389	5.164	0.442	0.469	0.531
Coronene	0.341	0.419	0.353	0.244	0.227	1.812	0.275	0.244	0.327
Sum of B2 PAH	16.227	20.668	6.140	3.714	5.646	33.226	2.867	2.666	2.994
Sum of target PAH	707.170	750.066	828.583	391.546	464.040	1359.543	406.421	268.626	441.866
Dibutylphthalate	933.544	978.436	1458.858	1006.833	2443.588	2966.937	1985.626	1206.603	1126.151
Benzylbutylphthalate	2123.990	1998.125	1435.176	791.863	2699.206	2823.090	1753.209	1098.316	2956.132
Sum of phthalate	3057.534	2976.560	2894.034	1798.696	5142.794	5790.027	3738.835	2304.920	4082.283
Diazinon	75.189	6.908	2.847	5.296	0.979	2.923	1.195	1.684	2.468
Chlorpyrifos	45.797	26.505	14.666	23.250	57.758	201.404	29.280	565.569	51.048
Lindane	8.116	7.280	7.862	2.592	5.416	6.108	6.063	4.867	5.697
Heptachlor	35.075	10.584	19.353	7.428	14.278	24.561	80.077	78.519	19.447
Aldrin	3.657	4.016	4.178	1.328	0.893	3.209	0.378	0.706	1.040
gamma-Chlordane	6.971	8.795	6.181	5.625	2.356	6.280	13.678	6.321	0.959
alpha-Chlordane	5.336	6.875	4.046	3.743	2.047	4.196	6.467	2.404	0.532
p,p'-DDE	1.647	1.426	0.152	0.356	0.000	0.104	3.730	4.197	31.314
Dieldrin	0.426	0.212	0.177	0.254	0.026	0.854	0.013	0.058	0.242
Endrin	0.503	0.116	0.867	0.387	0.278	0.145	0.266	0.092	0.116
p,p'-DDT	10.043	6.042	6.467	4.069	8.363	13.890	0.110	7.427	18.225
Sum of OP	120.985	33.412	17.513	28.546	58.738	204.327	30.475	567.253	53.516
Sum of OC	71.774	45.345	49.283	25.781	33.659	59.347	110.782	104.590	77.573
Sum of PCB	22.316	21.291	21.443	12.405	23.209	24.329	24.581	48.691	39.542
Pentchlorophenol	2.396	7.179	1.381	0.638	2.497	2.373	4.360	26.630	3.809
Nonylphenols	938.359	1037.624	682.970	227.690	1416.571	1670.944	1631.992	993.808	1017.008
Bisphenol-A	51.017	71.990	53.376	21.711	48.365	56.072	73.887	20.582	25.989
Sum of Phenols	991.772	1116.793	737.727	250.039	1467.433	1729.388	1710.239	1041.020	1046.806
2.4-D	87.609	60.530	52.936	17.232	114.269	149.018	75.147	128.795	93.622

Note that the zero value was used for the calaulation of total POP dose for the POP which was not detected in the multimedia samples; the reported zero value here inditated that the target POP was not detected in all sample media (air, dust, soil, and food).

APPENDIX N. SUMMARY STATISTICS FOR PHASE 2 DATA IN MULTIMEDIA SAMPLES

Table N-1. Summary Statistics for Phase 2 Data: Indoor Air Samples Across Nine Homes, ng/m^3

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	9	0	412.687	332.613	153.426	1236.147
	Biphenyl	9	0	47.808	21.438	16.882	85.379
	Acenaphthylene	9	0	3.479	1.171	1.716	5.395
	Acenaphthene	9	0	4.867	3.726	0.288	11.514
	Fluorene	9	0	5.324	1.950	3.706	9.829
	Phenanthrene	9	0	9.181	4.570	5.377	18.951
	Anthracene	9	0	0.647	0.224	0.452	1.146
	Fluoranthene	9	0	0.469	0.275	0.169	1.103
	Pyrene	9	0	0.303	0.134	0.155	0.599
	Cyclopenta[c,d]pyrene	9	7	0.038	0.036	<0.040	0.102
	Benz[a]anthracene*	9	0	0.076	0.016	0.061	0.109
	Chrysene*	9	0	0.108	0.036	0.076	0.172
	Benzo[b]fluoranthene*	9	0	0.143	0.030	0.114	0.204
	Benzo[k]fluoranthene*	9	0	0.095	0.007	0.089	0.111
	Benzo[e]pyrene	9	0	0.064	0.015	0.050	0.094
	Benzo[a]pyrene*	9	0	0.090	0.041	0.057	0.184
	Indeno[1,2,3-c,d]pyrene*	9	0	0.110	0.022	0.086	0.149
	Dibenzo[a,h]anthracene*	9	1	0.070	0.030	<0.040	0.129
	Benzo[g,h,i]perylene	9	0	0.085	0.018	0.064	0.111
	Coronene	9	0	0.089	0.009	0.077	0.107
	Sum of B2 PAH	9	0	0.689	0.175	0.496	1.001
	Sum of target PAH	9	0	485.713	332.330	205.351	1301.346
PE	Dibutylphthalate	9	0	287.890	95.850	189.689	450.540
	Benzylbutylphthalate	9	0	142.749	77.507	50.703	266.896
	Sum of Phthalate Esters	9	0	430.639	149.522	243.388	626.627
OP	Diazinon	9	0	15.474	37.076	0.560	114.120
	Chlorpyrifos	9	0	158.202	372.750	2.900	1145.180
	Sum of OP	9	0	173.677	370.179	3.700	1147.610
OC	Lindane	9	0	7.439	2.577	3.240	10.830
	Heptachlor	9	0	33.682	48.217	0.400	133.300
	Aldrin	9	0	2.738	1.556	0.870	4.690
	gamma-Chlordane	9	0	5.282	9.284	0.500	28.040
	alpha-Chlordane	9	0	2.453	4.143	0.320	12.970
	p,p'-DDE	9	4	0.124	0.089	<0.100	0.310
	Dieldrin	9	6	0.184	0.247	<0.100	0.780
	Endrin	9	5	0.248	0.259	<0.100	0.690
	p,p'-DDT	9	9	<0.100	0.000	<0.100	<0.100
	Sum of OC	9	0	52.069	61.595	6.940	186.460
PCB	2,6-Dichlorobiphenyl	9	1	2.554	1.742	<0.040	4.900
	4,4'-Dichlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	9	0	1.934	1.051	0.783	3.793
	2,2'5,5'-Tetrachlorobiphenyl	9	0	3.583	1.614	0.455	5.176
	2,2'3,5'-Tetrachlorobiphenyl	9	0	6.687	16.771	0.624	51.400
	2,3',4',5-Tetrachlorobiphenyl	9	0	0.387	0.122	0.190	0.530
	3,3'4,4'-Tetrachlorobiphenyl	9	8	0.067	0.142	<0.040	0.445
	2,2'3,5'6-Pentachlorobiphenyl	9	2	0.256	0.185	<0.040	0.510
	2,2'4,5,5'-Pentachlorobiphenyl	9	0	0.326	0.194	0.142	0.670
	2,2'3,4,5'-Pentachlorobiphenyl	9	0	0.168	0.095	0.046	0.358
	2,3,3'4',6-Pentachlorobiphenyl	9	0	0.254	0.233	0.039	0.714
	2,3'4,4',5-Pentachlorobiphenyl	9	0	0.186	0.169	0.057	0.547
	2,3,3',4,4'-Pentachlorobiphenyl	9	3	0.137	0.098	<0.040	0.267
	3,3'4,4'5-Pentachlorobiphenyl	9	8	0.023	0.009	<0.040	0.046
	2,2',4,4'5,5'-Hexachlorobiphenyl	9	3	0.109	0.119	<0.040	0.327
	2,2',3,4,4',5'-Hexachlorobiphenyl	9	2	0.142	0.149	<0.040	0.414
	3,3'4,4',5,5'-Hexachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	9	8	0.031	0.032	<0.040	0.117
	Sum of Target PCB	9	0	16.766	18.497	4.306	64.664
PH	Pentachlorophenol	9	0	9.111	16.903	0.660	53.220
	Nonylphenols	9	0	168.711	140.388	0.310	401.600
	Bisphenol-A	9	1	11.804	9.820	<0.100	28.990
	Sum of Phenols	9	0	189.626	148.620	3.430	417.980
HA	2,4-D	9	7	0.085	0.129	<0.040	0.313

Table N-2. Summary Statistics for Phase 2 Data: Outdoor Air Samples Across Nine Homes, ng/m^3

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	9	0	77.850	43.933	27.175	155.127
	Biphenyl	9	0	3.599	1.622	1.782	5.795
	Acenaphthylene	9	0	0.780	0.420	0.308	1.632
	Acenaphthene	9	0	2.049	1.188	0.886	4.021
	Fluorene	9	0	1.798	0.764	0.989	3.074
	Phenanthrene	9	0	3.522	1.861	1.755	7.849
	Anthracene	9	0	0.274	0.073	0.210	0.410
	Flouranthene	9	0	0.361	0.228	0.086	0.730
	Pyrene	9	0	0.185	0.122	0.055	0.408
	Cyclopenta[c,d]pyrene	9	9	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	9	0	0.067	0.010	0.060	0.092
	Chrysene*	9	0	0.064	0.014	0.054	0.098
	Benzo[b]flouranthene*	9	0	0.132	0.019	0.117	0.174
	Benzo[k]fluoranthene*	9	0	0.090	0.007	0.086	0.109
	Benzo[e]pyrene	9	0	0.059	0.011	0.050	0.078
	Benzo[a]pyrene*	9	3	0.054	0.029	<0.040	0.105
	Indeno[1,2,3-c,d]pyrene*	9	0	0.096	0.009	0.087	0.116
	Dibenzo[a,h]anthracene*	9	8	0.026	0.017	<0.040	0.071
	Benzo[g,h,i]perylene	9	0	0.073	0.010	0.063	0.092
	Coronene	9	1	0.077	0.022	<0.040	0.094
	Sum of B2 PAH	9	0	0.506	0.110	0.409	0.766
	Sum of target PAH	9	0	91.130	48.347	33.958	176.180
PE	Dibutylphthalate	9	2	30.685	31.435	<1.000	84.683
	Benzylbutylphthalate	9	1	126.863	140.387	<1.000	473.940
	Sum of Phthalate Esters	9	1	157.437	159.633	<1.000	524.474
OP	Diazinon	9	0	0.577	0.164	0.480	1.000
	Chlorpyrifos	9	0	1.706	0.931	0.960	3.980
	Sum of OP	9	0	2.284	0.925	1.480	4.540
OC	Lindane	9	1	0.246	0.165	<0.100	0.590
	Heptachlor	9	0	0.903	0.853	0.250	2.970
	Aldrin	9	6	0.084	0.067	<0.100	0.250
	gamma-Chlordane	9	0	0.324	0.378	0.120	1.250
	alpha-Chlordane	9	0	0.248	0.220	0.120	0.740
	p,p'-DDE	9	8	0.059	0.027	<0.100	0.130
	Dieldrin	9	8	0.056	0.017	<0.100	0.100
	Endrin	9	8	0.093	0.130	<0.100	0.440
	p,p'-DDT	9	9	<0.100	0.000	<0.100	<0.100
	Sum of OC	9	0	1.841	1.487	0.700	5.560
PCB	2,6-Dichlorobiphenyl	9	5	0.114	0.120	<0.040	0.326
	4,4'-Dichlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	9	0	0.321	0.106	0.172	0.468
	2,2'5,5'-Tetrachlorobiphenyl	9	0	0.363	0.114	0.231	0.603
	2,2'3,5'-Tetrachlorobiphenyl	9	2	0.105	0.089	<0.040	0.283
	2,3',4',5-Tetrachlorobiphenyl	9	3	0.096	0.080	<0.040	0.229
	3,3'4,4'-Tetrachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	9	2	0.137	0.107	<0.040	0.287
	2,2'4,5,5'-Pentachlorobiphenyl	9	2	0.174	0.144	<0.040	0.426
	2,2'3,4,5'-Pentachlorobiphenyl	9	4	0.078	0.073	<0.040	0.232
	2,3,3'4',6-Pentachlorobiphenyl	9	4	0.116	0.127	<0.040	0.413
	2,3'4,4',5-Pentachlorobiphenyl	9	4	0.091	0.130	<0.040	0.428
	2,3,3',4,4'-Pentachlorobiphenyl	9	1	0.111	0.058	<0.040	0.235
	3,3'4,4'5-Pentachlorobiphenyl	9	8	0.025	0.015	<0.040	0.066
	2,2',4,4'5,5'-Hexachlorobiphenyl	9	5	0.057	0.064	<0.040	0.213
	2,2',3,4,4',5'-Hexachlorobiphenyl	9	2	0.106	0.121	<0.040	0.415
	3,3'4,4',5,5'-Hexachlorobiphenyl	9	6	0.041	0.033	<0.040	0.108
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	9	8	0.025	0.014	<0.040	0.061
	Sum of Target PCB	9	0	1.835	1.013	0.662	3.729
PH	Pentachlorophenol	9	0	0.244	0.151	0.100	0.600
	Nonylphenols	9	0	2.418	1.229	1.060	4.360
	Bisphenol-A	9	4	1.256	1.598	<0.100	4.410
	Sum of Phenols	9	0	3.893	2.334	1.330	7.640
HA	2,4-D	9	8	0.025	0.016	<0.040	0.069

Table N-3. Summary Statistics for Phase 2 Data: Floor Dust Samples Across Nine Homes, ppm

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	9	1	0.010	0.010	<0.002	0.035
	Biphenyl	9	2	0.002	0.001	<0.002	0.005
	Acenaphthylene	9	0	0.006	0.006	0.002	0.023
	Acenaphthene	9	0	0.008	0.005	0.004	0.019
	Fluorene	9	0	0.011	0.007	0.005	0.028
	Phenanthrene	9	0	0.144	0.173	0.044	0.596
	Anthracene	9	0	0.017	0.019	0.006	0.066
	Fluoranthene	9	0	0.297	0.476	0.074	1.555
	Pyrene	9	0	0.229	0.368	0.057	1.202
	Cyclopenta[c,d]pyrene	9	0	0.035	0.052	0.010	0.172
	Benz[a]anthracene*	9	0	0.090	0.161	0.019	0.519
	Chrysene*	9	0	0.169	0.257	0.037	0.838
	Benzo[b]fluoranthene*	9	0	0.253	0.446	0.053	1.438
	Benzo[k]fluoranthene*	9	0	0.090	0.153	0.019	0.496
	Benzo[e]pyrene	9	0	0.144	0.251	0.031	0.809
	Benzo[a]pyrene*	9	0	0.134	0.239	0.024	0.768
	Indeno[1,2,3-c,d]pyrene*	9	0	0.169	0.299	0.035	0.963
	Dibenzo[a,h]anthracene*	9	0	0.060	0.088	0.016	0.294
	Benzo[g,h,i]perylene	9	0	0.173	0.297	0.040	0.961
	Coronene	9	0	0.067	0.096	0.020	0.320
	Sum of B2 PAH	9	0	0.966	1.641	0.213	5.316
	Sum of target PAH	9	0	2.107	3.397	0.540	11.102
PE	Dibutylphthalate	9	0	1.213	0.864	0.384	3.029
	Benzylbutylphthalate	9	0	5.863	4.468	0.496	15.558
	Sum of Phthalate Esters	9	0	7.076	4.567	1.111	16.406
OP	Diazinon	9	0	0.044	0.065	0.010	0.216
	Chlorpyrifos	9	0	1.042	2.074	0.024	6.437
	Sum of OP	9	0	1.086	2.065	0.034	6.453
OC	Lindane	9	0	0.033	0.011	0.014	0.046
	Heptachlor	9	2	0.119	0.117	<0.002	0.335
	Aldrin	9	8	0.006	0.017	<0.002	0.051
	gamma-Chlordane	9	0	0.098	0.152	0.005	0.471
	alpha-Chlordane	9	0	0.055	0.080	0.004	0.256
	p,p'-DDE	9	7	0.007	0.015	<0.002	0.047
	Dieldrin	9	1	0.018	0.014	<0.002	0.050
	Endrin	9	9	<0.002	0.000	<0.002	<0.002
	p,p'-DDT	9	0	0.121	0.248	0.015	0.782
	Sum of OC	9	0	0.456	0.422	0.053	1.137
PCB	2,6-Dichlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	4,4'-Dichlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,4,4'-Trichlorobiphenyl	9	5	0.005	0.006	<0.002	0.018
	2,2'5,5'-Tetrachlorobiphenyl	9	4	0.009	0.010	<0.002	0.026
	2,2'3,5'-Tetrachlorobiphenyl	9	4	0.006	0.005	<0.002	0.013
	2,3',4',5-Tetrachlorobiphenyl	9	3	0.008	0.007	<0.002	0.017
	3,3'4,4'-Tetrachlorobiphenyl	9	7	0.002	0.002	<0.002	0.006
	2,2'3,5'6-Pentachlorobiphenyl	9	6	0.004	0.006	<0.002	0.016
	2,2'4,5,5'-Pentachlorobiphenyl	9	2	0.014	0.013	<0.002	0.036
	2,2'3,4,5'-Pentachlorobiphenyl	9	1	0.011	0.008	<0.002	0.024
	2,3,3'4',6-Pentachlorobiphenyl	9	0	0.018	0.015	0.006	0.044
	2,3'4,4',5-Pentachlorobiphenyl	9	2	0.014	0.014	<0.002	0.035
	2,3,3',4,4'-Pentachlorobiphenyl	9	5	0.006	0.007	<0.002	0.018
	3,3'4,4'5-Pentachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,2',4,4'5,5'-Hexachlorobiphenyl	9	0	0.013	0.009	0.004	0.025
	2,2',3,4,4',5'-Hexachlorobiphenyl	9	0	0.012	0.007	0.005	0.022
	3,3'4,4',5,5'-Hexachlorobiphenyl	9	2	0.010	0.008	<0.002	0.022
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	9	0	0.010	0.006	0.005	0.022
	Sum of Target PCB	9	0	0.138	0.110	0.027	0.310
PH	Pentachlorophenol	9	0	0.135	0.168	0.034	0.571
	Nonylphenols	9	0	7.218	2.072	3.280	9.619
	Bisphenol-A	9	0	1.516	0.355	0.707	1.893
	Sum of Phenols	9	0	8.868	2.436	4.024	11.577
HA	2,4-D	9	0	1.238	2.351	0.027	7.285

Table N-4. Summary Statistics for Phase 2 Data: Playground Soil Samples Across Nine Homes, ppm

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	9	7	0.011	0.032	<0.002	0.096
	Biphenyl	9	9	<0.002	0.000	<0.002	<0.002
	Acenaphthylene	9	8	0.001	0.000	<0.002	0.001
	Acenaphthene	9	9	<0.002	0.000	<0.002	<0.002
	Fluorene	9	2	0.001	0.001	<0.002	0.004
	Phenanthrene	9	2	0.008	0.016	<0.002	0.051
	Anthracene	9	0	0.002	0.002	0.001	0.007
	Fluoranthene	9	0	0.014	0.030	0.001	0.091
	Pyrene	9	0	0.011	0.022	0.001	0.067
	Cyclopenta[c,d]pyrene	9	1	0.003	0.004	<0.002	0.012
	Benz[a]anthracene*	9	4	0.005	0.011	<0.002	0.035
	Chrysene*	9	0	0.007	0.013	0.001	0.041
	Benzo[b]fluoranthene*	9	0	0.011	0.020	0.001	0.062
	Benzo[k]fluoranthene*	9	2	0.004	0.008	<0.002	0.024
	Benzo[e]pyrene	9	2	0.008	0.013	<0.002	0.033
	Benzo[a]pyrene*	9	0	0.007	0.010	0.001	0.033
	Indeno[1,2,3-c,d]pyrene*	9	1	0.007	0.009	<0.002	0.028
	Dibenzo[a,h]anthracene*	9	1	0.004	0.003	<0.002	0.012
	Benzo[g,h,i]perylene	9	1	0.010	0.015	<0.002	0.043
	Coronene	9	1	0.005	0.007	<0.002	0.024
	Sum of B2 PAH	9	0	0.045	0.074	0.003	0.236
	Sum of target PAH	9	0	0.117	0.174	0.006	0.535
PE	Dibutylphthalate	9	1	0.092	0.054	<0.002	0.173
	Benzylbutylphthalate	9	1	0.039	0.028	<0.002	0.091
	Sum of Phthalate Esters	9	1	0.131	0.077	<0.002	0.263
OP	Diazinon	9	6	0.001	0.001	<0.002	0.002
	Chlorpyrifos	9	8	0.001	0.003	<0.002	0.009
	Sum of OP	9	5	0.002	0.003	<0.002	0.009
OC	Lindane	9	0	0.005	0.001	0.003	0.006
	Heptachlor	9	1	0.002	0.001	<0.002	0.002
	Aldrin	9	9	<0.002	0.000	<0.002	<0.002
	gamma-Chlordane	9	7	0.006	0.016	<0.002	0.048
	alpha-Chlordane	9	7	0.005	0.013	<0.002	0.041
	p,p'-DDE	9	8	0.004	0.011	<0.002	0.033
	Dieldrin	9	9	<0.002	0.000	<0.002	<0.002
	Endrin	9	9	<0.002	0.000	<0.002	<0.002
	p,p'-DDT	9	7	0.013	0.036	<0.002	0.110
	Sum of OC	9	0	0.033	0.077	0.005	0.238
PCB	2,6-Dichlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	4,4'-Dichlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,4,4'-Trichlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,2'5,5'-Tetrachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,2'3,5'-Tetrachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,3',4',5-Tetrachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	3,3'4,4'-Tetrachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,2'3,5'6-Pentachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,2'4,5,5'-Pentachlorobiphenyl	9	8	0.001	0.001	<0.002	0.002
	2,2'3,4,5'-Pentachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,3,3'4',6-Pentachlorobiphenyl	9	7	0.001	0.001	<0.002	0.003
	2,3'4,4',5-Pentachlorobiphenyl	9	7	0.001	0.001	<0.002	0.002
	2,3,3',4,4'-Pentachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	3,3'4,4'5-Pentachlorobiphenyl	9	8	0.001	0.001	<0.002	0.002
	2,2',4,4'5,5'-Hexachlorobiphenyl	9	7	0.001	0.001	<0.002	0.003
	2,2',3,4,4',5'-Hexachlorobiphenyl	9	7	0.001	0.001	<0.002	0.003
	3,3'4,4',5,5'-Hexachlorobiphenyl	9	9	<0.002	0.000	<0.002	<0.002
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	9	7	0.001	0.001	<0.002	0.004
	Sum of Target PCB	9	7	0.003	0.006	<0.002	0.017
PH	Pentachlorophenol	9	9	<0.002	0.000	<0.002	<0.002
	Nonylphenols	9	0	0.076	0.038	0.034	0.162
	Bisphenol-A	9	0	0.007	0.004	0.004	0.014
	Sum of Phenols	9	0	0.083	0.038	0.038	0.167
HA	2,4-D	9	2	0.032	0.046	<0.002	0.151

Table N-5. Summary Statistics for Phase 2 Data: Liquid Food Samples Across Nine Homes, ppb

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	9	8	0.023	0.008	<0.040	0.043
	Biphenyl	9	9	<0.040	0.000	<0.040	<0.040
	Acenaphthylene	9	4	0.070	0.049	<0.040	0.133
	Acenaphthene	9	9	<0.040	0.000	<0.040	<0.040
	Fluorene	9	3	0.074	0.045	<0.040	0.139
	Phenanthrene	9	7	0.066	0.109	<0.040	0.345
	Anthracene	9	9	<0.040	0.000	<0.040	<0.040
	Fluoranthene	9	7	0.042	0.055	<0.040	0.185
	Pyrene	9	1	0.070	0.031	<0.040	0.139
	Cyclopenta[c,d]pyrene	9	9	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	9	8	0.031	0.033	<0.040	0.120
	Chrysene*	9	8	0.029	0.026	<0.040	0.098
	Benzo[b]fluoranthene*	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[k]fluoranthene*	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[e]pyrene	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[a]pyrene*	9	9	<0.040	0.000	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	9	9	<0.040	0.000	<0.040	<0.040
	Dibenzo[a,h]anthracene*	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	9	9	<0.040	0.000	<0.040	<0.040
	Coronene	9	9	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	9	8	0.042	0.066	<0.040	0.219
	Sum of target PAH	9	0	0.302	0.277	0.061	0.962
PE	Dibutylphthalate	9	4	10.370	18.368	<0.040	55.562
	Benzylbutylphthalate	9	0	9.198	3.742	2.678	15.075
	Sum of Phthalate Esters	9	0	19.560	19.007	5.699	63.132
OP	Diazinon	9	7	0.064	0.087	<0.040	0.234
	Chlorpyrifos	9	8	0.066	0.137	<0.040	0.432
	Sum of OP	9	6	0.109	0.148	<0.040	0.432
OC	Lindane	9	9	<0.040	0.000	<0.040	<0.040
	Heptachlor	9	7	0.104	0.167	<0.040	0.421
	Aldrin	9	9	<0.040	0.000	<0.040	<0.040
	gamma-Chlordane	9	8	0.035	0.046	<0.040	0.159
	alpha-Chlordane	9	8	0.025	0.015	<0.040	0.066
	p,p'-DDE	9	7	0.033	0.027	<0.040	0.099
	Dieldrin	9	8	0.020	0.001	<0.040	0.024
	Endrin	9	9	<0.040	0.000	<0.040	<0.040
	p,p'-DDT	9	3	0.142	0.093	<0.040	0.243
	Sum of OC	9	3	0.275	0.239	<0.040	0.642
PCB	2,6-Dichlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	4,4'-Dichlorobiphenyl	9	6	0.047	0.043	<0.040	0.134
	2,4,4'-Trichlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	9	6	0.047	0.043	<0.040	0.134
PH	Pentachlorophenol	9	9	<0.100	0.000	<0.100	<0.100
	Nonylphenols	9	5	0.833	1.233	<0.100	3.278
	Bisphenol-A	9	7	0.069	0.038	<0.100	0.145
	Sum of Phenols	9	5	0.864	1.261	<0.100	3.278
HA	2,4-D	9	0	1.455	1.020	0.353	3.188

Table N-6. Summary Statistics for Phase 2 Data: Solid Food Samples Across Nine Homes, ppb

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	9	0	1.825	0.721	0.782	2.773
	Biphenyl	9	2	0.327	0.341	<0.040	1.029
	Acenaphthylene	9	4	0.196	0.392	<0.040	1.234
	Acenaphthene	9	9	<0.040	0.000	<0.040	<0.040
	Fluorene	9	0	0.498	0.216	0.230	0.814
	Phenanthrene	9	0	0.594	0.324	0.273	1.095
	Anthracene	9	9	<0.040	0.000	<0.040	<0.040
	Fluoranthene	9	0	0.259	0.097	0.158	0.427
	Pyrene	9	0	0.160	0.068	0.085	0.287
	Cyclopenta[c,d]pyrene	9	9	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	9	9	<0.040	0.000	<0.040	<0.040
	Chrysene*	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[b]fluoranthene*	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[k]fluoranthene*	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[e]pyrene	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[a]pyrene*	9	9	<0.040	0.000	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	9	9	<0.040	0.000	<0.040	<0.040
	Dibenzo[a,h]anthracene*	9	9	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	9	9	<0.040	0.000	<0.040	<0.040
	Coronene	9	9	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	9	9	<0.040	0.000	<0.040	<0.040
	Sum of target PAH	9	0	3.847	1.734	1.983	7.101
PE	Dibutylphthalate	9	0	20.519	17.392	2.751	57.394
	Benzylbutylphthalate	9	0	100.291	123.570	8.589	404.081
	Sum of Phthalate Esters	9	0	120.810	139.968	17.004	461.475
OP	Diazinon	9	9	<0.040	0.000	<0.040	<0.040
	Chlorpyrifos	9	0	0.819	0.716	0.085	2.310
	Sum of OP	9	0	0.819	0.716	0.085	2.310
OC	Lindane	9	9	<0.040	0.000	<0.040	<0.040
	Heptachlor	9	5	0.304	0.343	<0.040	0.818
	Aldrin	9	9	<0.040	0.000	<0.040	<0.040
	gamma-Chlordane	9	8	0.033	0.038	<0.040	0.135
	alpha-Chlordane	9	8	0.025	0.014	<0.040	0.063
	p,p'-DDE	9	8	0.163	0.429	<0.040	1.308
	Dieldrin	9	9	<0.040	0.000	<0.040	<0.040
	Endrin	9	9	<0.040	0.000	<0.040	<0.040
	p,p'-DDT	9	6	0.115	0.246	<0.040	0.769
	Sum of OC	9	2	0.567	0.647	<0.040	2.076
PCB	2,6-Dichlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	4,4'-Dichlorobiphenyl	9	6	0.045	0.051	<0.040	0.175
	2,4,4'-Trichlorobiphenyl	9	5	0.053	0.041	<0.040	0.109
	2,2'5,5'-Tetrachlorobiphenyl	9	8	0.034	0.041	<0.040	0.142
	2,2'3,5'-Tetrachlorobiphenyl	9	8	0.026	0.017	<0.040	0.072
	2,3',4',5-Tetrachlorobiphenyl	9	8	0.029	0.027	<0.040	0.102
	3,3'4,4'-Tetrachlorobiphenyl	9	7	0.032	0.024	<0.040	0.088
	2,2'3,5'6-Pentachlorobiphenyl	9	8	0.027	0.022	<0.040	0.087
	2,2'4,5,5'-Pentachlorobiphenyl	9	8	0.030	0.031	<0.040	0.112
	2,2'3,4,5'-Pentachlorobiphenyl	9	8	0.023	0.009	<0.040	0.047
	2,3,3'4',6-Pentachlorobiphenyl	9	8	0.033	0.038	<0.040	0.134
	2,3'4,4',5-Pentachlorobiphenyl	9	8	0.025	0.014	<0.040	0.061
	2,3,3',4,4'-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	9	8	0.029	0.028	<0.040	0.105
	2,2',3,4,4',5'-Hexachlorobiphenyl	9	8	0.027	0.021	<0.040	0.082
	3,3'4,4',5,5'-Hexachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	9	9	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	9	3	0.202	0.167	<0.040	0.411
PH	Pentachlorophenol	9	7	0.063	0.026	<0.100	0.116
	Nonylphenols	9	0	32.623	22.610	12.534	76.093
	Bisphenol-A	9	0	1.296	1.606	0.172	4.188
	Sum of Phenols	9	0	33.944	23.831	12.786	80.397
HA	2,4-D	9	8	0.466	0.648	<0.500	2.195

Table N-7. Summary Statistics for Phase 2 Data: Dermal Wipe Samples Across Nine Homes, ng/wipe

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	9	2	3.895	7.110	<0.500	22.455
	Biphenyl	9	3	0.844	0.538	<0.500	1.700
	Acenaphthylene	9	9	<0.500	0.000	<0.500	<0.500
	Acenaphthene	9	1	3.239	2.190	<0.500	6.880
	Fluorene	9	3	1.148	0.890	<0.500	2.230
	Phenanthrene	9	6	0.867	1.466	<0.500	4.725
	Anthracene	9	5	0.392	0.176	<0.500	0.695
	Fluoranthene	9	7	0.301	0.146	<0.500	0.690
	Pyrene	9	7	0.308	0.116	<0.500	0.550
	Cyclopenta[c,d]pyrene	9	9	<0.500	0.000	<0.500	<0.500
	Benz[a]anthracene*	9	9	<0.500	0.000	<0.500	<0.500
	Chrysene*	9	8	0.272	0.067	<0.500	0.450
	Benzo[b]fluoranthene*	9	8	0.285	0.105	<0.500	0.565
	Benzo[k]fluoranthene*	9	8	0.304	0.162	<0.500	0.735
	Benzo[e]pyrene	9	9	<0.500	0.000	<0.500	<0.500
	Benzo[a]pyrene*	9	6	0.359	0.165	<0.500	0.610
	Indeno[1,2,3-c,d]pyrene*	9	4	0.492	0.261	<0.500	0.895
	Dibenzo[a,h]anthracene*	9	7	0.317	0.135	<0.500	0.595
	Benzo[g,h,i]perylene	9	1	0.566	0.163	<0.500	0.780
	Coronene	9	9	<0.500	0.000	<0.500	<0.500
	Sum of B2 PAH	9	3	0.974	1.117	<0.500	3.315
	Sum of target PAH	9	0	10.587	8.850	0.645	29.265
PE	Dibutylphthalate	9	4	72.145	71.866	<0.500	184.275
	Benzylbutylphthalate	9	2	297.387	371.306	<0.500	938.010
	Sum of Phthalate Esters	9	1	369.393	381.098	<0.500	1059.995
OP	Diazinon	9	7	1.169	2.583	<0.500	8.045
	Chlorpyrifos	9	2	5.777	7.576	<0.500	23.865
	Sum of OP	9	2	6.751	7.993	<0.500	23.865
OC	Lindane	9	9	<0.500	0.000	<0.500	<0.500
	Heptachlor	9	9	<0.500	0.000	<0.500	<0.500
	Aldrin	9	9	<0.500	0.000	<0.500	<0.500
	gamma-Chlordane	9	5	1.170	2.030	<0.500	6.450
	alpha-Chlordane	9	6	0.905	1.300	<0.500	4.045
	p,p'-DDE	9	9	<0.500	0.000	<0.500	<0.500
	Dieldrin	9	9	<0.500	0.000	<0.500	<0.500
	Endrin	9	9	<0.500	0.000	<0.500	<0.500
	p,p'-DDT	9	8	0.311	0.183	<0.500	0.800
	Sum of OC	9	4	1.969	3.367	<0.500	10.495
PCB	2,6-Dichlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	4,4'-Dichlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,4,4'-Trichlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'5,5'-Tetrachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'3,5'-Tetrachlorobiphenyl	9	8	0.329	0.238	<0.500	0.965
	2,3',4',5-Tetrachlorobiphemyl	9	8	0.281	0.092	<0.500	0.525
	3,3'4,4'-Tetrachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'3,5'6-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'4,5,5'-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'3,4,5'-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,3,3'4',6-Pentachlorobiphenyl	9	7	0.316	0.131	<0.500	0.560
	2,3'4,4',5-Pentachlorobiphenyl	9	6	0.408	0.257	<0.500	0.955
	2,3,3',4,4'-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	3,3'4,4'5-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2',4,4'5,5'-Hexachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2',3,4,4',5'-Hexachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	3,3'4,4',5,5'-Hexachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	Sum of Target PCB	9	4	0.639	0.532	<0.500	1.570

Table N-8. Summary Statistics for Phase 2 Data: Urine Samples Across Nine Subjects, ng/mL

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PH	Pentachlorophenol	9	0	0.599	0.456	0.264	1.675
HA	2,4-D	9	0	2.514	1.211	0.716	4.699
OH-PAH	1-Naphthol	9	0	1.139	1.424	0.180	4.370
	2-Naphthol	9	0	0.295	0.279	0.084	0.799
	3-Hydroxyfluoranthene	9	0	0.243	0.144	0.068	0.520
	1-Hydroxypyrene	9	0	0.112	0.052	0.045	0.198
	1-Hydrxoybenz[a]anthracene	9	2	0.025	0.016	<0.018	0.061
	6-Hydroxychrysene	9	0	0.032	0.019	0.017	0.076
	3-Hydroxybenz[a]anthracene	9	0	0.045	0.016	0.022	0.066
	1&3-Hydroxybenzo[a]pyrene	9	6	0.027	0.016	<0.034	0.059
	6-Hydroxyindeno[1,2,3-c,d]pyrene	9	7	0.024	0.041	<0.018	0.131
TCP	3,5,6-Trichloro-2-pyridinol	9	0	12.023	8.579	4.030	29.580

Table N-9. Summary Statistics for Phase 2 Data: Urine Samples Across Nine Subjects, umole/mole

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PH	Pentachlorophenol	9	0	0.547	0.412	0.158	1.343
HA	2,4-D	9	0	2.809	1.881	0.686	6.818
OH-PAH	1-Naphthol	9	0	1.454	1.077	0.283	3.769
	2-Naphthol	9	0	0.406	0.216	0.216	0.820
	3-Hydroxyfluoranthene	9	0	0.322	0.279	0.039	0.949
	1-Hydroxypyrene	9	0	0.151	0.134	0.035	0.440
	1-Hydrxoybenz[a]anthracene	9	2	0.033	0.036	<0.012	0.102
	6-Hydroxychrysene	9	0	0.052	0.073	0.006	0.236
	3-Hydroxybenz[a]anthracene	9	0	0.056	0.041	0.011	0.122
	1&3-Hydroxybenzo[a]pyrene	9	6	0.030	0.025	<0.012	0.076
	6-Hydroxyindeno[1,2,3-c,d]pyrene	9	7	0.026	0.047	<0.006	0.149
TCP	3,5,6-Trichloro-2-pyridinol	9	0	13.458	9.617	6.101	31.385

Table N-10. Summary Statistics for Phase 2 Data:Estimated Daily Doses from Homes Across Nine Subjects, ng/kg/day

Sample source	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
dietary	Sum of B2 PAH	9	8	0.367	0.693	<0.100	2.207
	Sum of target PAH	9	0	45.912	25.962	5.761	90.089
	Sum of Phthalate Esters	9	0	1501.479	1033.226	172.095	2992.959
	Chlorpyrifos	9	0	9.891	13.521	1.160	43.302
	Sum of OP	9	0	10.353	13.270	1.160	43.302
	Sum of OC	9	0	12.753	14.608	0.599	44.541
	Sum of Target PCB	9	2	2.601	2.750	<0.200	7.468
	Bisphenol-A	9	0	13.567	18.908	0.504	56.060
	Sum of Phenols	9	0	379.641	291.251	25.543	1080.720
inhalation	Sum of B2 PAH	9	0	0.407	0.161	0.279	0.733
	Sum of target PAH	9	0	303.141	279.487	91.647	998.965
	Sum of Phthalate Esters	9	0	245.261	94.949	125.327	374.831
	Chlorpyrifos	9	0	78.751	172.020	1.674	528.237
	Sum of OP	9	0	88.028	170.907	2.126	529.396
	Sum of OC	9	0	26.216	26.437	2.901	80.959
	Sum of Target PCB	9	0	8.836	8.386	1.931	29.983
	Bisphenol-A	9	1	7.071	6.878	<0.060	21.186
	Sum of Phenols	9	0	106.102	80.286	1.479	226.405
nondietary	Sum of B2 PAH	9	0	4.340	8.563	0.751	27.111
	Sum of target PAH	9	0	9.390	17.776	1.904	56.638
	Sum of Phthalate Esters	9	0	27.222	23.216	5.414	83.649
	Chlorpyrifos	9	0	3.419	6.372	0.116	19.790
	Sum of OP	9	0	3.591	6.336	0.166	19.842
	Sum of OC	9	0	1.621	1.498	0.192	4.674
	Sum of Target PCB	9	0	0.523	0.454	0.129	1.306
	Bisphenol-A	9	0	5.625	1.742	3.444	8.453
	Sum of Phenols	9	0	32.723	10.412	19.594	50.780

Table N-11. Summary Statistics for Phase 2 Data: Indoor Air Samples Across Two Daycare Centers, ng/m^3

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	0	564.292	488.349	141.098	1043.611
	Biphenyl	4	0	69.340	27.795	40.918	100.671
	Acenaphthylene	4	0	2.963	1.025	2.329	4.490
	Acenaphthene	4	0	25.973	25.392	3.890	52.119
	Fluorene	4	0	6.093	1.558	4.754	8.257
	Phenanthrene	4	0	17.377	11.074	6.610	31.308
	Anthracene	4	0	0.680	0.247	0.517	1.043
	Fluoranthene	4	0	0.710	0.389	0.421	1.251
	Pyrene	4	0	0.364	0.202	0.216	0.645
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	4	0	0.071	0.007	0.064	0.078
	Chrysene*	4	0	0.099	0.022	0.082	0.128
	Benzo[b]fluoranthene*	4	0	0.133	0.013	0.121	0.148
	Benzo[k]fluoranthene*	4	0	0.085	0.011	0.068	0.092
	Benzo[e]pyrene	4	0	0.058	0.007	0.051	0.066
	Benzo[a]pyrene*	4	0	0.071	0.009	0.061	0.082
	Indeno[1,2,3-c,d]pyrene*	4	0	0.097	0.009	0.088	0.107
	Dibenzo[a,h]anthracene*	4	0	0.055	0.010	0.048	0.070
	Benzo[g,h,i]perylene	4	0	0.090	0.042	0.064	0.153
	Coronene	4	0	0.088	0.023	0.073	0.122
	Sum of B2 PAH	4	0	0.611	0.057	0.553	0.666
	Sum of target PAH	4	0	688.640	554.264	205.662	1244.400
PE	Dibutylphthalate	4	0	487.956	300.503	222.372	785.567
	Benzylbutylphthalate	4	0	143.592	10.274	128.387	150.593
	Sum of Phthalate Esters	4	0	631.547	294.002	372.965	913.954
OP	Diazinon	4	0	4.303	3.161	1.120	7.390
	Chlorpyrifos	4	0	13.725	13.484	1.970	28.740
	Sum of OP	4	0	18.028	16.613	3.090	36.130
OC	Lindane	4	0	5.737	1.122	4.380	6.810
	Heptachlor	4	0	4.918	4.073	0.960	9.320
	Aldrin	4	2	2.083	2.371	<0.100	4.530
	gamma-Chlordane	4	0	10.528	11.707	0.390	22.390
	alpha-Chlordane	4	0	8.218	9.224	0.260	17.530
	p,p'-DDE	4	2	0.115	0.077	<0.100	0.200
	Dieldrin	4	2	0.213	0.251	<0.100	0.580
	Endrin	4	0	0.333	0.030	0.300	0.370
	p,p'-DDT	4	4	<0.100	0.000	<0.100	<0.100
	Sum of OC	4	0	32.075	28.140	7.370	61.690
PCB	2,6-Dichlorobiphenyl	4	0	10.256	7.234	3.808	18.409
	4,4'-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	4	0	12.862	4.372	8.189	17.946
	2,2'5,5'-Tetrachlorobiphenyl	4	0	5.263	1.198	3.532	6.157
	2,2'3,5'-Tetrachlorobiphenyl	4	0	2.721	1.761	1.096	4.818
	2,3',4',5-Tetrachlorobiphenyl	4	0	1.464	1.227	0.346	2.793
	3,3'4,4'-Tetrachlorobiphenyl	4	3	0.235	0.431	<0.040	0.881
	2,2'3,5'6-Pentachlorobiphenyl	4	0	0.627	0.226	0.338	0.859
	2,2'4,5,5'-Pentachlorobiphenyl	4	0	0.647	0.201	0.376	0.862
	2,2'3,4,5'-Pentachlorobiphenyl	4	0	0.312	0.123	0.197	0.456
	2,3,3'4',6-Pentachlorobiphenyl	4	0	0.502	0.264	0.221	0.839
	2,3'4,4',5-Pentachlorobiphenyl	4	0	0.301	0.230	0.078	0.612
	2,3,3',4,4'-Pentachlorobiphenyl	4	0	0.220	0.106	0.138	0.364
	3,3'4,4'5-Pentachlorobiphenyl	4	2	0.048	0.034	<0.040	0.091
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	0	0.219	0.142	0.105	0.424
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	0	0.222	0.183	0.113	0.495
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	2	0.047	0.031	<0.040	0.077
	Sum of Target PCB	4	0	35.907	5.784	29.020	42.203
PH	Pentachlorophenol	4	0	0.918	0.209	0.740	1.180
	Nonylphenols	4	0	253.157	97.396	165.140	391.980
	Bisphenol-A	4	0	6.383	2.535	2.810	8.800
	Sum of Phenols	4	0	260.457	98.410	173.090	401.520
HA	2,4-D	4	3	0.034	0.027	<0.040	0.074

Table N-12. Summary Statistics for Phase 2 Data: Outdoor Air Samples Across Two Daycare Centers, ng/m^3

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	0	55.615	16.116	39.387	76.522
	Biphenyl	4	0	4.682	2.281	2.594	7.311
	Acenaphthylene	4	0	0.825	0.365	0.559	1.363
	Acenaphthene	4	0	2.630	0.928	1.661	3.571
	Fluorene	4	0	2.481	0.665	1.799	3.165
	Phenanthrene	4	0	6.750	1.054	5.727	7.775
	Anthracene	4	0	0.354	0.043	0.310	0.404
	Flouranthene	4	0	0.560	0.146	0.375	0.711
	Pyrene	4	0	0.282	0.078	0.206	0.390
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	4	0	0.074	0.011	0.064	0.090
	Chrysene*	4	0	0.070	0.016	0.056	0.092
	Benzo[b]flouranthene*	4	0	0.138	0.019	0.121	0.163
	Benzo[k]fluoranthene*	4	0	0.095	0.009	0.088	0.106
	Benzo[e]pyrene	4	0	0.061	0.010	0.052	0.074
	Benzo[a]pyrene*	4	0	0.076	0.018	0.060	0.100
	Indeno[1,2,3-c,d]pyrene*	4	0	0.102	0.011	0.091	0.115
	Dibenzo[a,h]anthracene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	4	0	0.078	0.014	0.065	0.095
	Coronene	4	0	0.087	0.007	0.077	0.093
	Sum of B2 PAH	4	0	0.554	0.083	0.483	0.666
	Sum of target PAH	4	0	74.956	16.681	61.003	98.222
PE	Dibutylphthalate	4	0	73.922	36.284	23.714	109.726
	Benzylbutylphthalate	4	0	132.882	40.626	102.218	191.729
	Sum of Phthalate Esters	4	0	206.803	54.917	151.193	277.488
OP	Diazinon	4	2	0.280	0.270	<0.100	0.570
	Chlorpyrifos	4	0	1.018	0.200	0.790	1.200
	Sum of OP	4	0	1.273	0.408	0.790	1.770
OC	Lindane	4	0	0.340	0.103	0.260	0.490
	Heptachlor	4	0	0.625	0.365	0.350	1.160
	Aldrin	4	4	<0.100	0.000	<0.100	<0.100
	gamma-Chlordane	4	0	0.668	0.616	0.180	1.530
	alpha-Chlordane	4	0	0.448	0.334	0.160	0.890
	p,p'-DDE	4	4	<0.100	0.000	<0.100	<0.100
	Dieldrin	4	4	<0.100	0.000	<0.100	<0.100
	Endrin	4	4	<0.100	0.000	<0.100	<0.100
	p,p'-DDT	4	4	<0.100	0.000	<0.100	<0.100
	Sum of OC	4	0	2.080	0.731	1.290	3.060
PCB	2,6-Dichlorobiphenyl	4	0	0.689	0.487	0.176	1.232
	4,4'-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	4	0	1.503	0.379	1.267	2.069
	2,2'5,5'-Tetrachlorobiphenyl	4	0	0.833	0.176	0.670	1.062
	2,2'3,5'-Tetrachlorobiphenyl	4	0	0.341	0.091	0.263	0.454
	2,3',4',5-Tetrachlorobiphenyl	4	0	0.234	0.088	0.149	0.352
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	4	0	0.311	0.184	0.102	0.538
	2,2'4,5,5'-Pentachlorobiphenyl	4	0	0.391	0.247	0.192	0.748
	2,2'3,4,5'-Pentachlorobiphenyl	4	0	0.189	0.105	0.115	0.345
	2,3,3'4',6-Pentachlorobiphenyl	4	0	0.314	0.205	0.114	0.598
	2,3'4,4',5-Pentachlorobiphenyl	4	0	0.156	0.101	0.040	0.267
	2,3,3',4,4'-Pentachlorobiphenyl	4	0	0.133	0.036	0.093	0.180
	3,3'4,4'5-Pentachlorobiphenyl	4	3	0.029	0.018	<0.040	0.055
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	1	0.090	0.052	<0.040	0.146
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	0	0.138	0.105	0.044	0.288
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	3	0.026	0.012	<0.040	0.044
	Sum of Target PCB	4	0	5.342	1.854	3.608	7.950
PH	Pentachlorophenol	4	0	0.480	0.279	0.220	0.790
	Nonylphenols	4	0	2.760	2.844	0.060	5.470
	Bisphenol-A	4	0	2.533	2.057	0.160	4.720
	Sum of Phenols	4	0	5.773	5.046	0.980	10.310
HA	2,4-D	4	3	0.058	0.075	<0.040	0.170

Table N-13. Summary Statistics for Phase 2 Data: Floor Dust Samples Across Two Daycare Centers, ppm

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	0	0.027	0.019	0.008	0.046
	Biphenyl	4	0	0.006	0.002	0.004	0.008
	Acenaphthylene	4	0	0.007	0.004	0.003	0.011
	Acenaphthene	4	0	0.042	0.040	0.005	0.084
	Fluorene	4	0	0.025	0.015	0.010	0.042
	Phenanthrene	4	0	0.338	0.331	0.038	0.703
	Anthracene	4	0	0.045	0.043	0.005	0.092
	Fluoranthene	4	0	0.437	0.432	0.049	0.908
	Pyrene	4	0	0.354	0.343	0.042	0.721
	Cyclopenta[c,d]pyrene	4	0	0.055	0.051	0.010	0.110
	Benz[a]anthracene*	4	0	0.166	0.164	0.022	0.345
	Chrysene*	4	0	0.213	0.191	0.046	0.424
	Benzo[b]fluoranthene*	4	0	0.298	0.281	0.043	0.609
	Benzo[k]fluoranthene*	4	0	0.113	0.108	0.016	0.236
	Benzo[e]pyrene	4	0	0.159	0.144	0.027	0.319
	Benzo[a]pyrene*	4	0	0.191	0.187	0.023	0.403
	Indeno[1,2,3-c,d]pyrene*	4	0	0.197	0.181	0.032	0.396
	Dibenzo[a,h]anthracene*	4	0	0.073	0.064	0.015	0.144
	Benzo[g,h,i]perylene	4	0	0.188	0.166	0.036	0.368
	Coronene	4	0	0.059	0.044	0.017	0.104
	Sum of B2 PAH	4	0	1.250	1.175	0.196	2.557
	Sum of target PAH	4	0	2.992	2.807	0.452	6.071
PE	Dibutylphthalate	4	0	1.868	2.677	0.058	5.848
	Benzylbutylphthalate	4	0	3.720	3.345	0.022	7.432
	Sum of Phthalate Esters	4	0	5.588	3.792	0.080	8.341
OP	Diazinon	4	0	0.034	0.023	0.011	0.066
	Chlorpyrifos	4	0	0.107	0.112	0.032	0.271
	Sum of OP	4	0	0.141	0.132	0.057	0.337
OC	Lindane	4	0	0.019	0.001	0.018	0.020
	Heptachlor	4	2	0.024	0.027	<0.002	0.048
	Aldrin	4	4	<0.002	0.000	<0.002	<0.002
	gamma-Chlordane	4	0	0.149	0.162	0.008	0.293
	alpha-Chlordane	4	0	0.132	0.145	0.006	0.263
	p,p'-DDE	4	2	0.005	0.006	<0.002	0.013
	Dieldrin	4	2	0.009	0.011	<0.002	0.024
	Endrin	4	3	0.070	0.139	<0.002	0.278
	p,p'-DDT	4	3	0.011	0.020	<0.002	0.041
	Sum of OC	4	0	0.416	0.460	0.035	0.977
PCB	2,6-Dichlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002
	4,4'-Dichlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002
	2,4,4'-Trichlorobiphenyl	4	0	0.037	0.028	0.020	0.079
	2,2'5,5'-Tetrachlorobiphenyl	4	0	0.032	0.021	0.013	0.061
	2,2'3,5'-Tetrachlorobiphenyl	4	0	0.019	0.018	0.007	0.045
	2,3',4',5-Tetrachlorobiphenyl	4	0	0.023	0.025	0.007	0.059
	3,3'4,4'-Tetrachlorobiphenyl	4	3	0.004	0.007	<0.002	0.015
	2,2'3,5'6-Pentachlorobiphenyl	4	1	0.010	0.011	<0.002	0.026
	2,2'4,5,5'-Pentachlorobiphenyl	4	0	0.019	0.018	0.007	0.045
	2,2'3,4,5'-Pentachlorobiphenyl	4	0	0.014	0.011	0.008	0.030
	2,3,3'4',6-Pentachlorobiphenyl	4	0	0.028	0.027	0.012	0.069
	2,3'4,4',5-Pentachlorobiphenyl	4	0	0.020	0.018	0.010	0.047
	2,3,3',4,4'-Pentachlorobiphenyl	4	1	0.011	0.011	<0.002	0.027
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	0	0.017	0.012	0.009	0.034
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	0	0.019	0.017	0.007	0.044
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	2	0.007	0.007	<0.002	0.014
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	0	0.011	0.005	0.007	0.019
	Sum of Target PCB	4	0	0.269	0.230	0.134	0.613
PH	Pentachlorophenol	4	0	0.050	0.010	0.039	0.063
	Nonylphenols	4	0	29.156	23.685	4.622	52.570
	Bisphenol-A	4	0	1.945	1.371	0.567	3.259
	Sum of Phenols	4	0	31.152	25.064	5.236	55.892
HA	2,4-D	4	0	0.144	0.103	0.051	0.269

Table N-14. Summary Statistics for Phase 2 Data: Playground Soil Samples Across Two Daycare Centers, ppm

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	2	1	0.001	0.000	<0.002	0.001
	Biphenyl	2	2	<0.002	0.000	<0.002	<0.002
	Acenaphthylene	2	2	<0.002	0.000	<0.002	<0.002
	Acenaphthene	2	2	<0.002	0.000	<0.002	<0.002
	Fluorene	2	0	0.001	0.000	0.001	0.001
	Phenanthrene	2	0	0.005	0.005	0.001	0.008
	Anthracene	2	0	0.002	0.001	0.001	0.002
	Fluoranthene	2	0	0.009	0.008	0.003	0.014
	Pyrene	2	0	0.007	0.007	0.002	0.012
	Cyclopenta[c,d]pyrene	2	0	0.002	0.001	0.001	0.003
	Benz[a]anthracene*	2	0	0.003	0.003	0.001	0.005
	Chrysene*	2	0	0.004	0.004	0.001	0.007
	Benzo[b]fluoranthene*	2	0	0.006	0.006	0.002	0.010
	Benzo[k]fluoranthene*	2	0	0.003	0.003	0.001	0.005
	Benzo[e]pyrene	2	0	0.003	0.003	0.001	0.005
	Benzo[a]pyrene*	2	0	0.004	0.004	0.001	0.006
	Indeno[1,2,3-c,d]pyrene*	2	0	0.004	0.003	0.002	0.006
	Dibenzo[a,h]anthracene*	2	0	0.003	0.001	0.002	0.004
	Benzo[g,h,i]perylene	2	0	0.004	0.002	0.002	0.005
	Coronene	2	0	0.002	0.001	0.001	0.002
	Sum of B2 PAH	2	0	0.026	0.023	0.010	0.042
	Sum of target PAH	2	0	0.058	0.049	0.023	0.093
PE	Dibutylphthalate	2	0	0.053	0.063	0.008	0.097
	Benzylbutylphthalate	2	1	0.032	0.045	<0.002	0.064
	Sum of Phthalate Esters	2	0	0.085	0.108	0.008	0.161
OP	Diazinon	2	1	0.001	0.001	<0.002	0.002
	Chlorpyrifos	2	2	<0.002	0.000	<0.002	<0.002
	Sum of OP	2	1	0.001	0.001	<0.002	0.002
OC	Lindane	2	0	0.005	0.001	0.004	0.005
	Heptachlor	2	1	0.001	0.001	<0.002	0.002
	Aldrin	2	2	<0.002	0.000	<0.002	<0.002
	gamma-Chlordane	2	2	<0.002	0.000	<0.002	<0.002
	alpha-Chlordane	2	2	<0.002	0.000	<0.002	<0.002
	p,p'-DDE	2	2	<0.002	0.000	<0.002	<0.002
	Dieldrin	2	2	<0.002	0.000	<0.002	<0.002
	Endrin	2	2	<0.002	0.000	<0.002	<0.002
	p,p'-DDT	2	2	<0.002	0.000	<0.002	<0.002
	Sum of OC	2	0	0.006	0.002	0.004	0.007
PCB	2,6-Dichlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	4,4'-Dichlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,4,4'-Trichlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,2'5,5'-Tetrachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,2'3,5'-Tetrachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,3',4',5-Tetrachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	3,3'4,4'-Tetrachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,2'3,5'6-Pentachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,2'4,5,5'-Pentachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,2'3,4,5'-Pentachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,3,3'4',6-Pentachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,3'4,4',5-Pentachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,3,3',4,4'-Pentachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	3,3'4,4'5-Pentachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,2',4,4'5,5'-Hexachlorobiphenyl	2	1	0.001	0.000	<0.002	0.001
	2,2',3,4,4',5'-Hexachlorobiphenyl	2	0	0.001	0.000	0.001	0.001
	3,3'4,4',5,5'-Hexachlorobiphenyl	2	2	<0.002	0.000	<0.002	<0.002
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	2	1	0.001	0.000	<0.002	0.001
	Sum of Target PCB	2	0	0.002	0.001	0.001	0.003
PH	Pentachlorophenol	2	2	<0.002	0.000	<0.002	<0.002
	Nonylphenols	2	0	0.063	0.010	0.056	0.070
	Bisphenol-A	2	0	0.006	0.001	0.005	0.007
	Sum of Phenols	2	0	0.069	0.011	0.061	0.077
HA	2,4-D	2	2	<0.002	0.000	<0.002	<0.002

Table N-15. Summary Statistics for Phase 2 Data: Liquid Food Samples Across Two Daycare Centers, ppb

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	1	0.170	0.252	<0.040	0.547
	Biphenyl	4	3	0.026	0.011	<0.040	0.042
	Acenaphthylene	4	1	0.104	0.057	<0.040	0.144
	Acenaphthene	4	3	0.360	0.681	<0.040	1.381
	Fluorene	4	0	0.114	0.013	0.097	0.126
	Phenanthrene	4	1	0.036	0.018	<0.040	0.058
	Anthracene	4	4	<0.040	0.000	<0.040	<0.040
	Fluoranthene	4	1	0.043	0.017	<0.040	0.059
	Pyrene	4	2	0.055	0.040	<0.040	0.091
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	4	2	0.126	0.155	<0.040	0.349
	Chrysene*	4	3	0.040	0.041	<0.040	0.101
	Benzo[b]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[k]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[e]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[a]pyrene*	4	4	<0.040	0.000	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	4	4	<0.040	0.000	<0.040	<0.040
	Dibenzo[a,h]anthracene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	4	4	<0.040	0.000	<0.040	<0.040
	Coronene	4	4	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	4	2	0.151	0.204	<0.040	0.450
	Sum of target PAH	4	0	0.988	0.858	0.263	2.176
PE	Dibutylphthalate	4	2	6.098	11.513	<0.040	23.354
	Benzylbutylphthalate	4	0	6.544	1.550	4.252	7.573
	Sum of Phthalate Esters	4	0	12.632	11.919	4.252	30.307
OP	Diazinon	4	4	<0.040	0.000	<0.040	<0.040
	Chlorpyrifos	4	3	0.094	0.149	<0.040	0.317
	Sum of OP	4	3	0.094	0.149	<0.040	0.317
OC	Lindane	4	4	<0.040	0.000	<0.040	<0.040
	Heptachlor	4	1	0.367	0.237	<0.040	0.557
	Aldrin	4	4	<0.040	0.000	<0.040	<0.040
	gamma-Chlordane	4	2	0.041	0.025	<0.040	0.069
	alpha-Chlordane	4	3	0.027	0.015	<0.040	0.049
	p,p'-DDE	4	3	0.029	0.017	<0.040	0.054
	Dieldrin	4	4	<0.040	0.000	<0.040	<0.040
	Endrin	4	4	<0.040	0.000	<0.040	<0.040
	p,p'-DDT	4	2	0.114	0.109	<0.040	0.221
	Sum of OC	4	0	0.522	0.225	0.221	0.744
PCB	2,6-Dichlorobiphenyl	4	3	0.034	0.029	<0.040	0.077
	4,4'-Dichlorobiphenyl	4	3	0.045	0.050	<0.040	0.120
	2,4,4'-Trichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	4	3	0.045	0.050	<0.040	0.119
	2,3'4,4',5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	3	0.029	0.017	<0.040	0.054
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	4	2	0.103	0.096	<0.040	0.196
PH	Pentachlorophenol	4	4	<0.100	0.000	<0.100	<0.100
	Nonylphenols	4	1	2.570	1.857	<0.100	4.317
	Bisphenol-A	4	1	0.384	0.517	<0.100	1.155
	Sum of Phenols	4	0	2.929	2.132	0.139	4.678
HA	2,4-D	4	0	1.594	0.475	0.917	2.010

Table N-16. Summary Statistics for Phase 2 Data: Solid Food Samples Across Two Daycare Centers, ppb

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	4	0	2.042	0.982	0.635	2.723
	Biphenyl	4	1	0.202	0.145	<0.040	0.360
	Acenaphthylene	4	2	0.377	0.560	<0.040	1.198
	Acenaphthene	4	4	<0.040	0.000	<0.040	<0.040
	Fluorene	4	0	0.583	0.396	0.200	1.132
	Phenanthrene	4	0	0.510	0.328	0.176	0.914
	Anthracene	4	4	<0.040	0.000	<0.040	<0.040
	Fluoranthene	4	0	0.262	0.147	0.129	0.467
	Pyrene	4	0	0.164	0.087	0.082	0.280
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benz[a]anthracene*	4	4	<0.040	0.000	<0.040	<0.040
	Chrysene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[b]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[k]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[e]pyrene	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[a]pyrene*	4	4	<0.040	0.000	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	4	4	<0.040	0.000	<0.040	<0.040
	Dibenzo[a,h]anthracene*	4	4	<0.040	0.000	<0.040	<0.040
	Benzo[g,h,i]perylene	4	4	<0.040	0.000	<0.040	<0.040
	Coronene	4	4	<0.040	0.000	<0.040	<0.040
	Sum of B2 PAH	4	4	<0.040	0.000	<0.040	<0.040
	Sum of target PAH	4	0	4.125	2.027	1.587	6.363
PE	Dibutylphthalate	4	0	35.641	31.173	5.388	72.995
	Benzylbutylphthalate	4	0	31.405	25.139	8.676	53.733
	Sum of Phthalate Esters	4	0	67.046	55.455	14.064	125.585
OP	Diazinon	4	4	<0.040	0.000	<0.040	<0.040
	Chlorpyrifos	4	0	0.651	0.673	0.214	1.647
	Sum of OP	4	0	0.651	0.673	0.214	1.647
OC	Lindane	4	4	<0.040	0.000	<0.040	<0.040
	Heptachlor	4	4	<0.040	0.000	<0.040	<0.040
	Aldrin	4	4	<0.040	0.000	<0.040	<0.040
	gamma-Chlordane	4	4	<0.040	0.000	<0.040	<0.040
	alpha-Chlordane	4	4	<0.040	0.000	<0.040	<0.040
	p,p'-DDE	4	2	0.067	0.057	<0.040	0.138
	Dieldrin	4	4	<0.040	0.000	<0.040	<0.040
	Endrin	4	4	<0.040	0.000	<0.040	<0.040
	p,p'-DDT	4	3	0.103	0.165	<0.040	0.350
	Sum of OC	4	1	0.149	0.142	<0.040	0.350
PCB	2,6-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	4,4'-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	4	3	0.045	0.050	<0.040	0.119
	2,2'3,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	4	3	0.041	0.041	<0.040	0.102
	2,2'4,5,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040
	Sum of Target PCB	4	3	0.070	0.100	<0.040	0.220
PH	Pentachlorophenol	4	4	<0.100	0.000	<0.100	<0.100
	Nonylphenols	4	0	19.931	10.830	10.472	34.219
	Bisphenol-A	4	0	0.513	0.332	0.196	0.932
	Sum of Phenols	4	0	20.444	11.154	10.777	35.151
HA	2,4-D	4	2	0.717	0.581	<0.500	1.448

Table N-17. Summary Statistics for Phase 2 Data: Dermal Wipe Samples Across Daycare Centers from Nine Subjects, ng/wipe

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PAH	Naphthalene	9	0	2.008	0.732	0.860	2.700
	Biphenyl	9	0	1.197	0.466	0.470	1.705
	Acenaphthylene	9	9	<0.500	0.000	<0.500	<0.500
	Acenaphthene	9	0	3.658	2.029	0.895	6.220
	Fluorene	9	3	2.019	1.858	<0.500	5.300
	Phenanthrene	9	4	1.382	1.698	<0.500	5.445
	Anthracene	9	3	0.596	0.541	<0.470	1.895
	Fluoranthene	9	7	1.152	2.642	<0.500	8.195
	Pyrene	9	6	0.774	1.423	<0.500	4.560
	Cyclopenta[c,d]pyrene	9	8	0.274	0.072	<0.500	0.465
	Benz[a]anthracene*	9	8	0.315	0.195	<0.500	0.835
	Chrysene*	9	7	0.376	0.270	<0.500	1.020
	Benzo[b]fluoranthene*	9	8	0.383	0.398	<0.500	1.445
	Benzo[k]fluoranthene*	9	8	0.274	0.072	<0.500	0.465
	Benzo[e]pyrene	9	8	0.308	0.173	<0.500	0.770
	Benzo[a]pyrene*	9	7	0.388	0.343	<0.500	1.285
	Indeno[1,2,3-c,d]pyrene*	9	3	0.532	0.311	<0.500	1.240
	Dibenzo[a,h]anthracene*	9	8	0.304	0.162	<0.500	0.735
	Benzo[g,h,i]perylene	9	1	0.586	0.262	<0.500	1.205
	Coronene	9	9	<0.500	0.000	<0.500	<0.500
	Sum of B2 PAH	9	3	1.212	1.936	<0.500	6.290
	Sum of target PAH	9	0	12.842	6.647	4.465	22.815
PE	Dibutylphthalate	9	4	97.001	195.093	<0.500	605.330
	Benzylbutylphthalate	9	3	306.278	433.144	<0.500	1325.445
	Sum of Phthalate Esters	9	3	403.168	502.392	<0.500	1354.470
OP	Diazinon	9	7	1.303	3.011	<0.500	9.325
	Chlorpyrifos	9	5	1.556	1.801	<0.500	5.255
	Sum of OP	9	5	2.664	4.629	<0.500	14.580
OC	Lindane	9	9	<0.500	0.000	<0.500	<0.500
	Heptachlor	9	9	<0.500	0.000	<0.500	<0.500
	Aldrin	9	9	<0.500	0.000	<0.500	<0.500
	gamma-Chlordane	9	5	0.724	0.904	<0.500	3.050
	alpha-Chlordane	9	6	0.521	0.593	<0.500	2.060
	p,p'-DDE	9	9	<0.500	0.000	<0.500	<0.500
	Dieldrin	9	9	<0.500	0.000	<0.500	<0.500
	Endrin	9	9	<0.500	0.000	<0.500	<0.500
	p,p'-DDT	9	8	0.383	0.400	<0.500	1.450
	Sum of OC	9	5	1.239	1.615	<0.500	5.110
PCB	2,6-Dichlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	4,4'-Dichlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,4,4'-Trichlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'5,5'-Tetrachlorobiphenyl	9	8	0.297	0.140	<0.500	0.670
	2,2'3,5'-Tetrachlorobiphenyl	9	7	0.372	0.263	<0.500	1.005
	2,3',4',5-Tetrachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	3,3'4,4'-Tetrachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'3,5'6-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'4,5,5'-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2'3,4,5'-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,3,3'4',6-Pentachlorobiphenyl	9	7	0.352	0.222	<0.500	0.890
	2,3'4,4',5-Pentachlorobiphenyl	9	5	0.493	0.300	<0.500	0.920
	2,3,3',4,4'-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	3,3'4,4'5-Pentachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2',4,4'5,5'-Hexachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2',3,4,4',5'-Hexachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	3,3'4,4',5,5'-Hexachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	9	9	<0.500	0.000	<0.500	<0.500
	Sum of Target PCB	9	3	0.847	0.549	<0.500	1.610

Table N-18. Summary Statistics for Phase 2 Data: Urine Samples Across Daycare Centers from Nine Subjects, ng/mL

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PH	Pentachlorophenol	9	0	0.329	0.142	0.175	0.666
HA	2,4-D	9	0	2.255	1.063	0.710	3.494
OH-PAH	1-Naphthol	9	0	0.585	0.420	0.231	1.472
	2-Naphthol	9	0	0.156	0.063	0.087	0.272
	3-Hydroxyfluoranthene	9	0	0.166	0.109	0.064	0.397
	1-Hydroxypyrene	9	0	0.078	0.051	0.021	0.155
	1-Hydrxoybenz[a]anthracene	9	3	0.023	0.013	<0.018	0.043
	6-Hydroxychrysene	9	0	0.050	0.041	0.020	0.150
	3-Hydroxybenz[a]anthracene	9	1	0.044	0.025	<0.018	0.079
	1&3-Hydroxybenzo[a]pyrene	9	7	0.024	0.016	<0.034	0.061
	6-Hydroxyindeno[1,2,3-c,d]pyrene	9	4	0.023	0.022	<0.018	0.076
TCP	3,5,6-Trichloro-2-pyridinol	9	0	8.516	4.811	3.760	17.740

Table N-19. Summary Statistics for Phase 2 Data: Urine Samples Across Daycare Centers from Nine Subjects, umole/mole

Compound Class	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
PH	Pentachlorophenol	9	0	0.458	0.342	0.113	1.112
HA	2,4-D	9	0	2.863	0.851	1.789	4.081
OH-PAH	1-Naphthol	9	0	1.368	0.891	0.260	3.030
	2-Naphthol	9	0	0.356	0.134	0.134	0.548
	3-Hydroxyfluoranthene	9	0	0.288	0.253	0.043	0.895
	1-Hydroxypyrene	9	0	0.127	0.106	0.029	0.315
	1-Hydrxoybenz[a]anthracene	9	3	0.035	0.033	<0.020	0.105
	6-Hydroxychrysene	9	0	0.083	0.093	0.026	0.289
	3-Hydroxybenz[a]anthracene	9	1	0.059	0.041	<0.034	0.133
	1&3-Hydroxybenzo[a]pyrene	9	7	0.033	0.030	<0.018	0.107
	6-Hydroxyindeno[1,2,3-c,d]pyrene	9	4	0.023	0.014	<0.016	0.049
TCP	3,5,6-Trichloro-2-pyridinol	9	0	14.890	12.516	4.987	39.214

Table N-20. Summary Statistics for Phase 2 Data:Estimated Daily Doses from Daycare Centers Across Nine Subjects, ng/kg/day

Sample source	Compound	Number of Samples	Number of BDL	Mean	Standard Deviation	Minimum	Maximum
dietary	Sum of B2 PAH	9	5	3.283	4.418	<0.200	10.802
	Sum of target PAH	9	0	88.625	41.995	34.400	143.520
	Sum of Phthalate Esters	9	0	1570.100	1578.398	431.327	4736.801
	Chlorpyrifos	9	0	17.301	25.202	2.586	69.239
	Sum of OP	9	0	17.301	25.202	2.586	69.239
	Sum of OC	9	0	15.206	7.509	6.281	29.248
	Sum of Target PCB	9	4	3.645	4.322	<0.200	10.425
	Bisphenol-A	9	0	14.645	9.061	3.467	28.886
	Sum of Phenols	9	0	456.523	264.248	146.800	968.907
inhalation	Sum of B2 PAH	9	0	0.207	0.043	0.151	0.282
	Sum of target PAH	9	0	172.256	135.445	49.514	436.310
	Sum of Phthalate Esters	9	0	177.020	73.534	92.068	333.659
	Chlorpyrifos	9	0	3.289	3.251	0.549	9.394
	Sum of OP	9	0	4.373	4.028	0.901	12.019
	Sum of OC	9	0	7.833	6.862	1.827	20.994
	Sum of Target PCB	9	0	10.475	2.691	7.215	14.324
	Bisphenol-A	9	0	1.926	0.492	1.335	2.657
	Sum of Phenols	9	0	78.762	33.340	35.950	132.125
nondietary	Sum of B2 PAH	9	0	2.045	2.122	0.291	6.367
	Sum of target PAH	9	0	4.883	5.045	0.669	15.118
	Sum of Phthalate Esters	9	0	10.661	7.598	0.136	22.862
	Chlorpyrifos	9	0	0.157	0.119	0.054	0.371
	Sum of OP	9	0	0.216	0.130	0.104	0.464
	Sum of OC	9	0	0.608	0.635	0.064	1.514
	Sum of Target PCB	9	0	0.427	0.227	0.197	0.842
	Bisphenol-A	9	0	4.168	3.085	0.960	8.906
	Sum of Phenols	9	0	67.496	55.297	8.873	152.744

Table N-21. Summary Statistics for Phase 2 Data: Indoor Air Samples
by Low-income and Middle-income Families, ng/m^3
Low-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	4	0	282.977	173.429	153.426	530.759	985.189
	Biphenyl	4	0	40.614	25.121	16.882	75.951	92.371
	Acenaphthylene	4	0	4.179	1.103	3.006	5.395	3.553
	Acenaphthene	4	0	5.452	5.237	0.852	11.514	47.743
	Fluorene	4	0	6.269	2.774	3.706	9.829	7.211
	Phenanthrene	4	0	9.300	6.455	5.377	18.951	26.123
	Anthracene	4	0	0.663	0.327	0.452	1.146	0.780
	Fluoranthene	4	0	0.524	0.401	0.177	1.103	0.995
	Pyrene	4	0	0.318	0.193	0.160	0.599	0.512
	Cyclopenta[c,d]pyrene	4	3	0.040	0.041	<0.040	0.101	<0.040
	Benz[a]anthracene*	4	0	0.084	0.023	0.061	0.109	0.073
	Chrysene*	4	0	0.126	0.049	0.076	0.172	0.106
	Benzo[b]fluoranthene*	4	0	0.158	0.041	0.114	0.204	0.136
	Benzo[k]fluoranthene*	4	0	0.098	0.010	0.089	0.111	0.079
	Benzo[e]pyrene	4	0	0.072	0.020	0.050	0.094	0.058
	Benzo[a]pyrene*	4	0	0.117	0.052	0.066	0.184	0.075
	Indeno[1,2,3-c,d]pyrene*	4	0	0.122	0.028	0.086	0.149	0.100
	Dibenzo[a,h]anthracene*	4	0	0.087	0.033	0.057	0.129	0.052
	Benzo[g,h,i]perylene	4	0	0.096	0.022	0.064	0.111	0.111
	Coronene	4	0	0.094	0.013	0.077	0.107	0.098
	Sum of B2 PAH	4	0	0.791	0.225	0.550	1.001	0.618
	Sum of target PAH	4	0	351.373	179.601	205.351	584.955	1165.361
PE	Dibutylphthalate	4	0	280.046	64.370	239.959	375.617	746.698
	Benzylbutylphthalate	4	0	169.550	90.099	50.703	266.896	138.634
	Sum of Phthalate Esters	4	0	449.596	115.184	311.679	572.068	885.332
OP	Diazinon	4	0	32.263	54.662	1.620	114.120	7.005
	Chlorpyrifos	4	0	22.878	18.413	5.090	46.970	25.115
	Sum of OP	4	0	55.140	71.670	6.710	161.090	32.120
OC	Lindane	4	0	7.908	3.197	3.240	10.450	6.040
	Heptachlor	4	0	14.443	18.973	0.700	41.640	8.360
	Aldrin	4	0	3.728	1.550	1.420	4.690	4.115
	gamma-Chlordane	4	0	0.875	0.619	0.500	1.800	20.585
	alpha-Chlordane	4	0	0.545	0.397	0.320	1.140	16.145
	p,p'-DDE	4	1	0.173	0.110	<0.100	0.310	0.180
	Dieldrin	4	3	0.115	0.130	<0.100	0.310	0.375
	Endrin	4	2	0.343	0.341	<0.100	0.690	0.310
	p,p'-DDT	4	4	<0.100	0.000	<0.100	<0.100	<0.100
	Sum of OC	4	0	28.050	23.090	6.940	60.160	56.120
PCB	2,6-Dichlorobiphenyl	4	0	3.114	1.770	1.392	4.900	4.169
	4,4'-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	4	0	1.544	0.711	0.894	2.535	16.395
	2,2'5,5'-Tetrachlorobiphenyl	4	0	3.476	2.083	0.455	5.176	6.062
	2,2'3,5'-Tetrachlorobiphenyl	4	0	1.154	0.362	0.740	1.593	4.170
	2,3',4',5-Tetrachlorobiphenyl	4	0	0.370	0.121	0.190	0.442	2.506
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	0.451
	2,2'3,5'6-Pentachlorobiphenyl	4	1	0.233	0.173	<0.040	0.398	0.800
	2,2'4,5,5'-Pentachlorobiphenyl	4	0	0.278	0.153	0.155	0.477	0.773
	2,2'3,4,5'-Pentachlorobiphenyl	4	0	0.171	0.090	0.046	0.258	0.414
	2,3,3'4',6-Pentachlorobiphenyl	4	0	0.277	0.201	0.103	0.548	0.699
	2,3'4,4',5-Pentachlorobiphenyl	4	0	0.186	0.138	0.105	0.392	0.466
	2,3,3',4,4'-Pentachlorobiphenyl	4	1	0.147	0.097	<0.040	0.254	0.299
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	0.075
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	0	0.121	0.118	0.049	0.298	0.313
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	2	0.135	0.189	<0.040	0.414	0.304
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	3	0.044	0.049	<0.040	0.117	0.049
	Sum of Target PCB	4	0	11.212	5.105	4.580	17.019	37.922
PH	Pentachlorophenol	4	0	4.218	5.295	0.660	12.020	1.085
	Nonylphenols	4	0	193.335	144.604	0.310	325.110	192.135
	Bisphenol-A	4	0	18.137	11.391	2.460	28.990	6.960
	Sum of Phenols	4	0	215.695	156.864	3.430	355.030	200.180
HA	2,4-D	4	3	0.093	0.146	<0.040	0.311	<0.040

Table N-21(continued). Summary Statistics for Phase 2 Data: Indoor Air Samples
by Low-income and Middle-income Families, ng/m^3
Middle-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	5	0	516.455	410.390	199.028	1236.147	143.394
	Biphenyl	5	0	53.563	18.780	37.004	85.379	46.308
	Acenaphthylene	5	0	2.919	0.973	1.716	4.317	2.374
	Acenaphthene	5	0	4.398	2.564	0.288	6.856	4.203
	Fluorene	5	0	4.567	0.473	4.000	5.072	4.976
	Phenanthrene	5	0	9.086	3.240	6.096	13.480	8.631
	Anthracene	5	0	0.634	0.141	0.484	0.858	0.580
	Fluoranthene	5	0	0.425	0.159	0.169	0.576	0.426
	Pyrene	5	0	0.291	0.086	0.155	0.394	0.217
	Cyclopenta[c,d]pyrene	5	4	0.036	0.037	<0.040	0.102	<0.040
	Benz[a]anthracene*	5	0	0.070	0.004	0.064	0.074	0.070
	Chrysene*	5	0	0.094	0.013	0.078	0.107	0.092
	Benzo[b]fluoranthene*	5	0	0.130	0.009	0.116	0.138	0.131
	Benzo[k]fluoranthene*	5	0	0.093	0.003	0.090	0.098	0.091
	Benzo[e]pyrene	5	0	0.057	0.005	0.050	0.063	0.059
	Benzo[a]pyrene*	5	0	0.069	0.010	0.057	0.080	0.067
	Indeno[1,2,3-c,d]pyrene*	5	0	0.099	0.006	0.090	0.105	0.095
	Dibenzo[a,h]anthracene*	5	1	0.057	0.022	<0.040	0.073	0.059
	Benzo[g,h,i]perylene	5	0	0.076	0.007	0.064	0.083	0.070
	Coronene	5	0	0.085	0.004	0.079	0.089	0.079
	Sum of B2 PAH	5	0	0.608	0.068	0.496	0.657	0.603
	Sum of target PAH	5	0	593.184	405.227	276.376	1301.346	211.918
PE	Dibutylphthalate	5	0	294.165	123.110	189.689	450.540	229.214
	Benzylbutylphthalate	5	0	121.308	68.068	53.699	223.505	148.549
	Sum of Phthalate Esters	5	0	415.473	184.706	243.388	626.627	377.762
OP	Diazinon	5	0	2.044	1.004	0.560	3.090	1.600
	Chlorpyrifos	5	0	266.462	494.640	2.900	1145.180	2.335
	Sum of OP	5	0	268.506	494.895	3.700	1147.610	3.935
OC	Lindane	5	0	7.064	2.285	4.660	10.830	5.435
	Heptachlor	5	0	49.074	60.939	0.400	133.300	1.475
	Aldrin	5	0	1.946	1.129	0.870	3.860	<0.100
	gamma-Chlordane	5	0	8.808	11.710	0.980	28.040	0.470
	alpha-Chlordane	5	0	3.980	5.258	0.550	12.970	0.290
	p,p'-DDE	5	3	0.086	0.049	<0.100	0.140	<0.100
	Dieldrin	5	3	0.240	0.317	<0.100	0.780	<0.100
	Endrin	5	3	0.172	0.175	<0.100	0.430	0.355
	p,p'-DDT	5	5	<0.100	0.000	<0.100	<0.100	<0.100
	Sum of OC	5	0	71.284	78.420	10.350	186.460	8.030
PCB	2,6-Dichlorobiphenyl	5	1	2.106	1.777	<0.040	4.643	16.343
	4,4'-Dichlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	5	0	2.247	1.247	0.783	3.793	9.329
	2,2'5,5'-Tetrachlorobiphenyl	5	0	3.668	1.390	1.413	4.971	4.465
	2,2'3,5'-Tetrachlorobiphenyl	5	0	11.114	22.524	0.624	51.400	1.271
	2,3',4',5-Tetrachlorobiphenyl	5	0	0.400	0.136	0.249	0.530	0.423
	3,3'4,4'-Tetrachlorobiphenyl	5	4	0.105	0.190	<0.040	0.445	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	5	1	0.275	0.213	<0.040	0.510	0.453
	2,2'4,5,5'-Pentachlorobiphenyl	5	0	0.365	0.231	0.142	0.670	0.521
	2,2'3,4,5'-Pentachlorobiphenyl	5	0	0.166	0.109	0.093	0.358	0.210
	2,3,3'4',6-Pentachlorobiphenyl	5	0	0.236	0.277	0.039	0.714	0.305
	2,3'4,4',5-Pentachlorobiphenyl	5	0	0.186	0.206	0.057	0.547	0.136
	2,3,3',4,4'-Pentachlorobiphenyl	5	2	0.130	0.110	<0.040	0.267	0.141
	3,3'4,4'5-Pentachlorobiphenyl	5	4	0.025	0.012	<0.040	0.046	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	5	3	0.100	0.133	<0.040	0.327	0.125
	2,2',3,4,4',5'-Hexachlorobiphenyl	5	0	0.147	0.133	0.040	0.363	0.139
	3,3'4,4',5,5'-Hexachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	0.045
	Sum of Target PCB	5	0	21.210	24.681	4.306	64.664	33.892
PH	Pentachlorophenol	5	0	13.026	22.523	1.570	53.220	0.750
	Nonylphenols	5	0	149.012	150.477	3.050	401.600	314.180
PH	Bisphenol-A	5	1	6.738	4.834	<0.100	11.710	5.805
	Sum of Phenols	5	0	168.770	156.518	4.710	417.980	320.735
HA	2,4-D	5	4	0.079	0.131	<0.040	0.313	0.047

Table N-22. Summary Statistics for Phase 2 Data: Outdoor Air Samples
by Low-income and Middle-income Families, ng/m^3
Low-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	4	0	54.836	28.055	32.181	94.378	53.275
	Biphenyl	4	0	2.955	1.864	1.782	5.712	2.779
	Acenaphthylene	4	0	0.874	0.535	0.403	1.632	0.688
	Acenaphthene	4	0	1.573	1.202	0.919	3.374	1.844
	Fluorene	4	0	1.487	0.700	1.048	2.518	1.918
	Phenanthrene	4	0	3.292	1.161	2.271	4.600	7.656
	Anthracene	4	0	0.289	0.082	0.226	0.410	0.390
	Flouranthene	4	0	0.522	0.247	0.219	0.730	0.616
	Pyrene	4	0	0.280	0.127	0.137	0.408	0.324
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benz[a]anthracene*	4	0	0.073	0.013	0.063	0.092	0.080
	Chrysene*	4	0	0.074	0.017	0.058	0.098	0.077
	Benzo[b]flouranthene*	4	0	0.142	0.025	0.117	0.174	0.145
	Benzo[k]fluoranthene*	4	0	0.093	0.011	0.086	0.109	0.097
	Benzo[e]pyrene	4	0	0.065	0.014	0.053	0.078	0.064
	Benzo[a]pyrene*	4	1	0.064	0.035	<0.040	0.105	0.082
	Indeno[1,2,3-c,d]pyrene*	4	0	0.100	0.012	0.088	0.116	0.103
	Dibenzo[a,h]anthracene*	4	3	0.033	0.026	<0.040	0.071	<0.040
	Benzo[g,h,i]perylene	4	0	0.078	0.013	0.066	0.092	0.082
	Coronene	4	0	0.085	0.007	0.078	0.094	0.085
	Sum of B2 PAH	4	0	0.559	0.149	0.412	0.766	0.583
	Sum of target PAH	4	0	66.894	33.154	40.636	114.547	70.299
PE	Dibutylphthalate	4	0	23.264	22.565	4.285	50.534	50.102
	Benzylbutylphthalate	4	0	174.033	200.780	48.937	473.940	114.849
	Sum of Phthalate Esters	4	0	197.297	220.105	53.222	524.474	164.951
OP	Diazinon	4	0	0.528	0.053	0.480	0.600	0.510
	Chlorpyrifos	4	0	1.233	0.307	0.960	1.550	1.055
	Sum of OP	4	0	1.765	0.288	1.480	2.090	1.565
OC	Lindane	4	0	0.188	0.110	0.060	0.310	0.305
	Heptachlor	4	0	0.613	0.370	0.260	1.070	0.400
	Aldrin	4	3	0.065	0.030	<0.100	0.110	<0.100
	gamma-Chlordane	4	0	0.278	0.217	0.150	0.600	1.110
	alpha-Chlordane	4	0	0.235	0.177	0.140	0.500	0.705
	p,p'-DDE	4	3	0.070	0.040	<0.100	0.130	<0.100
	Dieldrin	4	3	0.063	0.025	<0.100	0.100	<0.100
	Endrin	4	3	0.148	0.195	<0.100	0.440	<0.100
	p,p'-DDT	4	4	<0.100	0.000	<0.100	<0.100	<0.100
	Sum of OC	4	0	1.510	0.636	0.700	2.210	2.520
PCB	2,6-Dichlorobiphenyl	4	3	0.076	0.112	<0.040	0.243	0.287
	4,4'-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	4	0	0.328	0.104	0.202	0.457	1.338
	2,2'5,5'-Tetrachlorobiphenyl	4	0	0.370	0.162	0.231	0.603	0.697
	2,2'3,5'-Tetrachlorobiphenyl	4	0	0.131	0.106	0.044	0.283	0.324
	2,3',4',5-Tetrachlorobiphenyl	4	0	0.142	0.090	0.064	0.229	0.169
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	4	1	0.160	0.144	<0.040	0.287	0.174
	2,2'4,5,5'-Pentachlorobiphenyl	4	0	0.257	0.164	0.100	0.426	0.233
	2,2'3,4,5'-Pentachlorobiphenyl	4	1	0.109	0.095	<0.040	0.232	0.129
	2,3,3'4',6-Pentachlorobiphenyl	4	1	0.173	0.169	<0.040	0.413	0.208
	2,3'4,4',5-Pentachlorobiphenyl	4	1	0.150	0.187	<0.040	0.428	0.154
	2,3,3',4,4'-Pentachlorobiphenyl	4	0	0.145	0.066	0.090	0.235	0.137
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	0.038
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	1	0.098	0.083	<0.040	0.213	0.083
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	0	0.174	0.161	0.072	0.415	0.166
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	3	0.034	0.028	<0.040	0.075	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	3	0.030	0.021	<0.040	0.061	0.032
	Sum of Target PCB	4	0	2.304	1.181	1.315	3.729	4.135
PH	Pentachlorophenol	4	0	0.178	0.039	0.130	0.210	0.245
	Nonylphenols	4	0	2.140	1.414	1.110	4.140	0.310
	Bisphenol-A	4	1	1.505	1.364	<0.100	3.300	0.860
	Sum of Phenols	4	0	3.805	2.700	1.330	7.640	1.415
HA	2,4-D	4	3	0.032	0.025	<0.040	0.069	<0.040

Table N-22(continued). Summary Statistics for Phase 2 Data: Outdoor Air Samples
by Low-income and Middle-income Families, ng/m^3
Middle-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	5	0	96.261	48.130	27.175	155.127	57.955
	Biphenyl	5	0	4.114	1.382	1.972	5.795	6.584
	Acenaphthylene	5	0	0.704	0.348	0.308	1.250	0.961
	Acenaphthene	5	0	2.430	1.154	0.886	4.021	3.416
	Fluorene	5	0	2.046	0.791	0.989	3.074	3.045
	Phenanthrene	5	0	3.706	2.412	1.755	7.849	5.845
	Anthracene	5	0	0.262	0.072	0.210	0.387	0.319
	Flouranthene	5	0	0.233	0.109	0.086	0.361	0.505
	Pyrene	5	0	0.110	0.039	0.055	0.149	0.240
	Cyclopenta[c,d]pyrene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benz[a]anthracene*	5	0	0.063	0.002	0.060	0.066	0.069
	Chrysene*	5	0	0.057	0.003	0.054	0.061	0.063
	Benzo[b]flouranthene*	5	0	0.125	0.008	0.117	0.135	0.131
	Benzo[k]fluoranthene*	5	0	0.089	0.002	0.086	0.091	0.092
	Benzo[e]pyrene	5	0	0.054	0.004	0.050	0.060	0.058
	Benzo[a]pyrene*	5	2	0.046	0.024	<0.040	0.070	0.070
	Indeno[1,2,3-c,d]pyrene*	5	0	0.093	0.006	0.087	0.101	0.100
	Dibenzo[a,h]anthracene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[g,h,i]perylene	5	0	0.069	0.005	0.063	0.076	0.074
	Coronene	5	1	0.071	0.029	<0.040	0.092	0.089
	Sum of B2 PAH	5	0	0.463	0.050	0.409	0.522	0.525
	Sum of target PAH	5	0	110.520	52.851	33.958	176.180	79.612
PE	Dibutylphthalate	5	2	36.622	38.669	<1.000	84.683	97.743
	Benzylbutylphthalate	5	1	89.127	71.955	<1.000	185.011	150.915
	Sum of Phthalate Esters	5	1	125.550	108.494	<1.000	269.694	248.656
OP	Diazinon	5	0	0.616	0.218	0.480	1.000	<0.100
	Chlorpyrifos	5	0	2.084	1.122	1.280	3.980	0.980
	Sum of OP	5	0	2.700	1.078	1.840	4.540	0.980
OC	Lindane	5	1	0.292	0.198	<0.100	0.590	0.375
	Heptachlor	5	0	1.136	1.095	0.250	2.970	0.850
	Aldrin	5	3	0.100	0.087	<0.100	0.250	<0.100
	gamma-Chlordane	5	0	0.362	0.497	0.120	1.250	0.225
	alpha-Chlordane	5	0	0.258	0.270	0.120	0.740	0.190
	p,p'-DDE	5	5	<0.100	0.000	<0.100	<0.100	<0.100
	Dieldrin	5	5	<0.100	0.000	<0.100	<0.100	<0.100
	Endrin	5	5	<0.100	0.000	<0.100	<0.100	<0.100
	p,p'-DDT	5	5	<0.100	0.000	<0.100	<0.100	<0.100
	Sum of OC	5	0	2.106	1.980	0.800	5.560	1.640
PCB	2,6-Dichlorobiphenyl	5	2	0.145	0.130	<0.040	0.326	1.091
	4,4'-Dichlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,4,4'-Trichlorobiphenyl	5	0	0.315	0.120	0.172	0.468	1.668
	2,2'5,5'-Tetrachlorobiphenyl	5	0	0.357	0.077	0.279	0.483	0.969
	2,2'3,5'-Tetrachlorobiphenyl	5	2	0.085	0.079	<0.040	0.185	0.359
	2,3',4',5-Tetrachlorobiphenyl	5	3	0.060	0.056	<0.040	0.133	0.300
	3,3'4,4'-Tetrachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	5	1	0.118	0.081	<0.040	0.210	0.448
	2,2'4,5,5'-Pentachlorobiphenyl	5	2	0.108	0.095	<0.040	0.217	0.549
	2,2'3,4,5'-Pentachlorobiphenyl	5	3	0.052	0.046	<0.040	0.119	0.249
	2,3,3'4',6-Pentachlorobiphenyl	5	3	0.071	0.071	<0.040	0.162	0.421
	2,3'4,4',5-Pentachlorobiphenyl	5	3	0.043	0.033	<0.040	0.089	0.158
	2,3,3',4,4'-Pentachlorobiphenyl	5	1	0.084	0.037	<0.040	0.110	0.130
	3,3'4,4'5-Pentachlorobiphenyl	5	4	0.029	0.021	<0.040	0.066	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	5	4	0.025	0.011	<0.040	0.045	0.097
	2,2',3,4,4',5'-Hexachlorobiphenyl	5	2	0.052	0.039	<0.040	0.112	0.111
	3,3'4,4',5,5'-Hexachlorobiphenyl	5	3	0.047	0.040	<0.040	0.108	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of Target PCB	5	0	1.460	0.781	0.662	2.479	6.548
PH	Pentachlorophenol	5	0	0.298	0.191	0.100	0.600	0.715
	Nonylphenols	5	0	2.640	1.176	1.060	4.360	5.210
	Bisphenol-A	5	3	1.056	1.897	<0.100	4.410	4.205
	Sum of Phenols	5	0	3.964	2.327	1.410	7.290	10.130
HA	2,4-D	5	5	<0.040	0.000	<0.040	<0.040	0.095

Table N-23. Summary Statistics for Phase 2 Data: Floor Dust Samples
by Low-income and Middle-income Families, ppm
Low-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	4	0	0.006	0.001	0.006	0.007	0.044
	Biphenyl	4	1	0.001	0.001	<0.002	0.003	0.008
	Acenaphthylene	4	0	0.003	0.001	0.002	0.004	0.011
	Acenaphthene	4	0	0.007	0.003	0.004	0.010	0.076
	Fluorene	4	0	0.008	0.002	0.006	0.009	0.037
	Phenanthrene	4	0	0.073	0.024	0.056	0.108	0.618
	Anthracene	4	0	0.012	0.003	0.008	0.015	0.082
	Fluoranthene	4	0	0.107	0.053	0.074	0.185	0.804
	Pyrene	4	0	0.084	0.040	0.057	0.142	0.646
	Cyclopenta[c,d]pyrene	4	0	0.015	0.005	0.010	0.022	0.098
	Benz[a]anthracene*	4	0	0.034	0.018	0.019	0.059	0.305
	Chrysene*	4	0	0.059	0.021	0.037	0.086	0.374
	Benzo[b]fluoranthene*	4	0	0.082	0.041	0.053	0.141	0.535
	Benzo[k]fluoranthene*	4	0	0.030	0.015	0.019	0.051	0.204
	Benzo[e]pyrene	4	0	0.046	0.020	0.031	0.075	0.281
	Benzo[a]pyrene*	4	0	0.041	0.021	0.024	0.070	0.347
	Indeno[1,2,3-c,d]pyrene*	4	0	0.050	0.019	0.035	0.076	0.350
	Dibenzo[a,h]anthracene*	4	0	0.024	0.007	0.016	0.032	0.128
	Benzo[g,h,i]perylene	4	0	0.054	0.017	0.040	0.075	0.329
	Coronene	4	0	0.023	0.003	0.020	0.026	0.096
	Sum of B2 PAH	4	0	0.319	0.140	0.213	0.514	2.242
	Sum of target PAH	4	0	0.757	0.304	0.540	1.193	5.368
PE	Dibutylphthalate	4	0	1.831	0.996	0.615	3.029	2.953
	Benzylbutylphthalate	4	0	4.463	3.456	0.496	8.860	0.994
	Sum of Phthalate Esters	4	0	6.295	4.002	1.111	10.873	3.947
OP	Diazinon	4	0	0.068	0.099	0.010	0.216	0.039
	Chlorpyrifos	4	0	0.137	0.096	0.024	0.227	0.179
	Sum of OP	4	0	0.205	0.170	0.034	0.420	0.218
OC	Lindane	4	0	0.031	0.010	0.021	0.041	0.019
	Heptachlor	4	1	0.103	0.084	<0.002	0.204	0.048
	Aldrin	4	4	<0.002	0.000	<0.002	<0.002	<0.001
	gamma-Chlordane	4	0	0.026	0.022	0.005	0.054	0.290
	alpha-Chlordane	4	0	0.020	0.019	0.004	0.045	0.257
	p,p'-DDE	4	2	0.015	0.022	<0.002	0.047	0.009
	Dieldrin	4	0	0.018	0.006	0.011	0.025	0.012
	Endrin	4	4	<0.002	0.000	<0.002	<0.002	0.139
	p,p'-DDT	4	0	0.223	0.373	0.015	0.782	0.021
	Sum of OC	4	0	0.434	0.479	0.078	1.137	0.793
PCB	2,6-Dichlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	<0.001
	4,4'-Dichlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	<0.001
	2,4,4'-Trichlorobiphenyl	4	2	0.003	0.003	<0.002	0.006	0.050
	2,2'5,5'-Tetrachlorobiphenyl	4	2	0.005	0.007	<0.002	0.015	0.043
	2,2'3,5'-Tetrachlorobiphenyl	4	2	0.004	0.003	<0.002	0.007	0.029
	2,3',4',5-Tetrachlorobiphenyl	4	2	0.004	0.004	<0.002	0.008	0.038
	3,3'4,4'-Tetrachlorobiphenyl	4	2	0.003	0.003	<0.002	0.006	0.008
	2,2'3,5'6-Pentachlorobiphenyl	4	3	0.001	0.002	<0.002	0.004	0.017
	2,2'4,5,5'-Pentachlorobiphenyl	4	1	0.006	0.004	<0.002	0.009	0.028
	2,2'3,4,5'-Pentachlorobiphenyl	4	0	0.006	0.001	0.005	0.007	0.019
	2,3,3'4',6-Pentachlorobiphenyl	4	0	0.008	0.002	0.006	0.011	0.041
	2,3'4,4',5-Pentachlorobiphenyl	4	1	0.006	0.004	<0.002	0.010	0.029
	2,3,3',4,4"-Pentachlorobiphenyl	4	3	0.002	0.003	<0.002	0.006	0.014
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	<0.001
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	0	0.006	0.001	0.005	0.007	0.022
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	0	0.006	0.001	0.006	0.007	0.026
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	2	0.004	0.004	<0.002	0.008	0.006
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	0	0.006	0.001	0.005	0.007	0.014
	Sum of Target PCB	4	0	0.068	0.034	0.027	0.105	0.381
PH	Pentachlorophenol	4	0	0.050	0.022	0.034	0.082	0.043
	Nonylphenols	4	0	6.157	2.239	3.280	8.651	9.013
	Bisphenol-A	4	0	1.456	0.540	0.707	1.893	0.771
	Sum of Phenols	4	0	7.663	2.734	4.024	10.626	9.826
HA	2,4-D	4	0	2.196	3.458	0.027	7.285	0.060

Table N-23(continued). Summary Statistics for Phase 2 Data: Floor Dust Samples
by Low-income and Middle-income Families, ppm
Middle-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	5	1	0.012	0.014	<0.002	0.035	0.011
	Biphenyl	5	1	0.002	0.002	<0.002	0.005	0.005
	Acenaphthylene	5	0	0.009	0.008	0.003	0.023	0.004
	Acenaphthene	5	0	0.009	0.006	0.004	0.019	0.008
	Fluorene	5	0	0.013	0.009	0.005	0.028	0.013
	Phenanthrene	5	0	0.201	0.224	0.044	0.596	0.058
	Anthracene	5	0	0.022	0.025	0.006	0.066	0.008
	Fluoranthene	5	0	0.448	0.622	0.077	1.555	0.071
	Pyrene	5	0	0.346	0.481	0.061	1.202	0.062
	Cyclopenta[c,d]pyrene	5	0	0.051	0.068	0.010	0.172	0.012
	Benz[a]anthracene*	5	0	0.136	0.215	0.023	0.519	0.027
	Chrysene*	5	0	0.258	0.331	0.041	0.838	0.051
	Benzo[b]fluoranthene*	5	0	0.390	0.587	0.066	1.438	0.061
	Benzo[k]fluoranthene*	5	0	0.138	0.201	0.026	0.496	0.023
	Benzo[e]pyrene	5	0	0.222	0.329	0.038	0.809	0.038
	Benzo[a]pyrene*	5	0	0.209	0.313	0.037	0.768	0.034
	Indeno[1,2,3-c,d]pyrene*	5	0	0.265	0.391	0.048	0.963	0.044
	Dibenzo[a,h]anthracene*	5	0	0.089	0.115	0.020	0.294	0.019
	Benzo[g,h,i]perylene	5	0	0.268	0.388	0.051	0.961	0.048
	Coronene	5	0	0.103	0.122	0.026	0.320	0.021
	Sum of B2 PAH	5	0	1.484	2.149	0.261	5.316	0.258
	Sum of target PAH	5	0	3.188	4.441	0.591	11.102	0.615
PE	Dibutylphthalate	5	0	0.718	0.251	0.384	1.004	0.784
	Benzylbutylphthalate	5	0	6.983	5.239	2.687	15.558	6.446
	Sum of Phthalate Esters	5	0	7.701	5.349	3.071	16.406	7.229
OP	Diazinon	5	0	0.025	0.012	0.011	0.037	0.030
	Chlorpyrifos	5	0	1.767	2.668	0.047	6.437	0.035
	Sum of OP	5	0	1.792	2.665	0.058	6.453	0.064
OC	Lindane	5	0	0.035	0.013	0.014	0.046	0.020
	Heptachlor	5	1	0.131	0.148	<0.002	0.335	<0.001
	Aldrin	5	4	0.011	0.023	<0.002	0.051	<0.001
	gamma-Chlordane	5	0	0.156	0.191	0.006	0.471	0.009
	alpha-Chlordane	5	0	0.083	0.102	0.005	0.256	0.006
	p,p'-DDE	5	5	<0.002	0.000	<0.002	<0.002	<0.001
	Dieldrin	5	1	0.018	0.019	<0.002	0.050	0.005
	Endrin	5	5	<0.002	0.000	<0.002	<0.002	<0.001
	p,p'-DDT	5	0	0.039	0.018	0.020	0.068	<0.001
	Sum of OC	5	0	0.473	0.429	0.053	1.136	0.039
PCB	2,6-Dichlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	<0.001
	4,4'-Dichlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	<0.001
	2,4,4'-Trichlorobiphenyl	5	3	0.007	0.008	<0.002	0.018	0.024
	2,2'5,5'-Tetrachlorobiphenyl	5	2	0.012	0.011	<0.002	0.026	0.022
	2,2'3,5'-Tetrachlorobiphenyl	5	2	0.007	0.006	<0.002	0.013	0.009
	2,3',4',5-Tetrachlorobiphenyl	5	1	0.012	0.007	<0.002	0.017	0.008
	3,3'4,4'-Tetrachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	<0.001
	2,2'3,5'6-Pentachlorobiphenyl	5	3	0.006	0.008	<0.002	0.016	0.004
	2,2'4,5,5'-Pentachlorobiphenyl	5	1	0.020	0.014	<0.002	0.036	0.010
	2,2'3,4,5'-Pentachlorobiphenyl	5	1	0.014	0.010	<0.002	0.024	0.009
	2,3,3'4',6-Pentachlorobiphenyl	5	0	0.026	0.016	0.006	0.044	0.015
	2,3'4,4',5-Pentachlorobiphenyl	5	1	0.021	0.017	<0.002	0.035	0.012
	2,3,3',4,4'-Pentachlorobiphenyl	5	2	0.010	0.008	<0.002	0.018	0.009
	3,3'4,4'5-Pentachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	<0.001
	2,2',4,4'5,5'-Hexachlorobiphenyl	5	0	0.018	0.009	0.004	0.025	0.012
	2,2',3,4,4',5'-Hexachlorobiphenyl	5	0	0.016	0.007	0.005	0.022	0.012
	3,3'4,4',5,5'-Hexachlorobiphenyl	5	0	0.015	0.006	0.005	0.022	0.007
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	5	0	0.014	0.006	0.005	0.022	0.009
	Sum of Target PCB	5	0	0.194	0.120	0.036	0.310	0.158
PH	Pentachlorophenol	5	0	0.203	0.207	0.075	0.571	0.058
	Nonylphenols	5	0	8.066	1.673	5.467	9.619	49.300
	Bisphenol-A	5	0	1.563	0.162	1.314	1.741	3.120
	Sum of Phenols	5	0	9.832	1.912	6.880	11.577	52.477
HA	2,4-D	5	0	0.471	0.663	0.083	1.642	0.229

Table N-24. Summary Statistics for Phase 2 Data: Playground Soil Samples
by Low-income and Middle-income Families, ppm
Low-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	4	3	0.001	0.000	<0.002	0.001	0.001
	Biphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	Acenaphthylene	4	3	0.001	0.000	<0.002	0.001	0.001
	Acenaphthene	4	4	<0.002	0.000	<0.002	<0.002	0.001
	Fluorene	4	0	0.002	0.002	0.001	0.004	0.001
	Phenanthrene	4	2	0.014	0.025	<0.002	0.051	0.008
	Anthracene	4	0	0.003	0.003	0.001	0.007	0.002
	Fluoranthene	4	0	0.024	0.045	0.001	0.091	0.014
	Pyrene	4	0	0.018	0.033	0.001	0.067	0.012
	Cyclopenta[c,d]pyrene	4	1	0.004	0.005	<0.002	0.012	0.003
	Benz[a]anthracene*	4	2	0.009	0.017	<0.002	0.035	0.005
	Chrysene*	4	0	0.011	0.020	0.001	0.041	0.007
	Benzo[b]fluoranthene*	4	0	0.018	0.029	0.001	0.062	0.010
	Benzo[k]fluoranthene*	4	1	0.007	0.011	<0.002	0.024	0.005
	Benzo[e]pyrene	4	1	0.015	0.017	<0.002	0.033	0.005
	Benzo[a]pyrene*	4	0	0.012	0.015	0.001	0.033	0.006
	Indeno[1,2,3-c,d]pyrene*	4	1	0.010	0.013	<0.002	0.028	0.006
	Dibenzo[a,h]anthracene*	4	1	0.005	0.005	<0.002	0.012	0.004
	Benzo[g,h,i]perylene	4	1	0.018	0.021	<0.002	0.043	0.005
	Coronene	4	1	0.008	0.011	<0.002	0.024	0.002
	Sum of B2 PAH	4	0	0.072	0.110	0.003	0.236	0.042
	Sum of target PAH	4	0	0.178	0.245	0.006	0.535	0.093
PE	Dibutylphthalate	4	1	0.096	0.074	<0.002	0.173	0.008
	Benzylbutylphthalate	4	1	0.045	0.039	<0.002	0.091	0.001
	Sum of Phthalate Esters	4	1	0.140	0.108	<0.002	0.263	0.008
OP	Diazinon	4	4	<0.002	0.000	<0.002	<0.002	0.002
	Chlorpyrifos	4	4	<0.002	0.000	<0.002	<0.002	0.001
	Sum of OP	4	4	<0.002	0.000	<0.002	<0.002	0.002
OC	Lindane	4	0	0.005	0.001	0.004	0.006	0.004
	Heptachlor	4	1	0.002	0.001	<0.002	0.002	0.001
	Aldrin	4	4	<0.002	0.000	<0.002	<0.002	0.001
	gamma-Chlordane	4	3	0.012	0.024	<0.002	0.048	0.001
	alpha-Chlordane	4	3	0.011	0.020	<0.002	0.041	0.001
	p,p'-DDE	4	3	0.009	0.016	<0.002	0.033	0.001
	Dieldrin	4	4	<0.002	0.000	<0.002	<0.002	0.001
	Endrin	4	4	<0.002	0.000	<0.002	<0.002	0.001
	p,p'-DDT	4	2	0.028	0.055	<0.002	0.110	0.001
	Sum of OC	4	0	0.065	0.115	0.007	0.238	0.004
PCB	2,6-Dichlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	4,4'-Dichlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	2,4,4'-Trichlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	2,2'5,5'-Tetrachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	2,2'3,5'-Tetrachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	2,3',4',5-Tetrachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	2,2'3,5'6-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	2,2'4,5,5'-Pentachlorobiphenyl	4	3	0.001	0.001	<0.002	0.002	0.001
	2,2'3,4,5'-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	2,3,3'4',6-Pentachlorobiphenyl	4	2	0.001	0.001	<0.002	0.003	0.001
	2,3'4,4',5-Pentachlorobiphenyl	4	2	0.001	0.001	<0.002	0.002	0.001
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	3,3'4,4'5-Pentachlorobiphenyl	4	3	0.001	0.001	<0.002	0.002	0.001
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	2	0.001	0.001	<0.002	0.003	0.001
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	2	0.002	0.001	<0.002	0.003	0.001
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.002	0.000	<0.002	<0.002	0.001
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	2	0.002	0.002	<0.002	0.004	0.001
	Sum of Target PCB	4	2	0.007	0.008	<0.002	0.017	0.001
PH	Pentachlorophenol	4	4	<0.002	0.000	<0.002	<0.002	0.001
	Nonylphenols	4	0	0.097	0.044	0.066	0.162	0.070
	Bisphenol-A	4	0	0.007	0.005	0.004	0.014	0.007
	Sum of Phenols	4	0	0.104	0.043	0.070	0.167	0.077
HA	2,4-D	4	1	0.051	0.068	<0.002	0.151	0.001

Table N-24(continued). Summary Statistics for Phase 2 Data: Playground Soil Samples
by Low-income and Middle-income Families, ppm
Middle-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	5	4	0.020	0.043	<0.002	0.096	0.001
	Biphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	Acenaphthylene	5	5	<0.002	0.000	<0.002	<0.002	0.001
	Acenaphthene	5	5	<0.002	0.000	<0.002	<0.002	0.001
	Fluorene	5	2	0.001	0.000	<0.002	0.001	0.001
	Phenanthrene	5	0	0.003	0.003	0.001	0.008	0.001
	Anthracene	5	0	0.001	0.001	0.001	0.002	0.001
	Fluoranthene	5	0	0.006	0.009	0.001	0.022	0.003
	Pyrene	5	0	0.005	0.007	0.001	0.017	0.002
	Cyclopenta[c,d]pyrene	5	0	0.001	0.001	0.001	0.003	0.001
	Benz[a]anthracene*	5	2	0.002	0.003	<0.002	0.007	0.001
	Chrysene*	5	0	0.004	0.004	0.001	0.011	0.001
	Benzo[b]fluoranthene*	5	0	0.005	0.007	0.001	0.018	0.002
	Benzo[k]fluoranthene*	5	1	0.002	0.002	<0.002	0.006	0.001
	Benzo[e]pyrene	5	1	0.003	0.004	<0.002	0.010	0.001
	Benzo[a]pyrene*	5	0	0.003	0.004	0.001	0.010	0.001
	Indeno[1,2,3-c,d]pyrene*	5	0	0.004	0.003	0.002	0.009	0.002
	Dibenzo[a,h]anthracene*	5	0	0.003	0.001	0.002	0.004	0.002
	Benzo[g,h,i]perylene	5	0	0.003	0.003	0.001	0.009	0.002
	Coronene	5	0	0.002	0.001	0.001	0.003	0.001
	Sum of B2 PAH	5	0	0.023	0.024	0.007	0.065	0.010
	Sum of target PAH	5	0	0.068	0.094	0.014	0.236	0.023
PE	Dibutylphthalate	5	0	0.088	0.040	0.060	0.158	0.097
	Benzylbutylphthalate	5	0	0.035	0.021	0.007	0.058	0.064
	Sum of Phthalate Esters	5	0	0.123	0.054	0.081	0.216	0.161
OP	Diazinon	5	2	0.001	0.001	<0.002	0.002	0.001
	Chlorpyrifos	5	4	0.002	0.004	<0.002	0.009	0.001
	Sum of OP	5	1	0.003	0.003	<0.002	0.009	0.001
OC	Lindane	5	0	0.005	0.001	0.003	0.006	0.005
	Heptachlor	5	0	0.002	0.000	0.001	0.002	0.002
	Aldrin	5	5	<0.002	0.000	<0.002	<0.002	0.001
	gamma-Chlordane	5	4	0.001	0.000	<0.002	0.001	0.001
	alpha-Chlordane	5	4	0.001	0.001	<0.002	0.002	0.001
	p,p'-DDE	5	5	<0.002	0.000	<0.002	<0.002	0.001
	Dieldrin	5	5	<0.002	0.000	<0.002	<0.002	0.001
	Endrin	5	5	<0.002	0.000	<0.002	<0.002	0.001
	p,p'-DDT	5	5	<0.002	0.000	<0.002	<0.002	0.001
	Sum of OC	5	0	0.007	0.002	0.005	0.011	0.007
PCB	2,6-Dichlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	4,4'-Dichlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,4,4'-Trichlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,2'5,5'-Tetrachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,2'3,5'-Tetrachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,3',4',5-Tetrachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	3,3'4,4'-Tetrachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,2'3,5'6-Pentachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,2'4,5,5'-Pentachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,2'3,4,5'-Pentachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,3,3'4',6-Pentachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,3'4,4',5-Pentachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,3,3',4,4'-Pentachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	3,3'4,4'5-Pentachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,2',4,4'5,5'-Hexachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,2',3,4,4',5'-Hexachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	3,3'4,4',5,5'-Hexachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	5	5	<0.002	0.000	<0.002	<0.002	0.001
	Sum of Target PCB	5	5	<0.002	0.000	<0.002	<0.002	0.003
PH	Pentachlorophenol	5	5	<0.002	0.000	<0.002	<0.002	0.001
	Nonylphenols	5	0	0.059	0.025	0.034	0.086	0.056
	Bisphenol-A	5	0	0.007	0.003	0.004	0.010	0.005
	Sum of Phenols	5	0	0.065	0.027	0.038	0.094	0.061
HA	2,4-D	5	1	0.016	0.009	<0.002	0.024	0.001

Table N-25. Summary Statistics for Phase 2 Data: Liquid Food Samples
by Low-income and Middle-income Families, ppb
Low-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	4	4	<0.040	0.000	<0.040	<0.040	0.306
	Biphenyl	4	4	<0.040	0.000	<0.040	<0.040	0.031
	Acenaphthylene	4	3	0.048	0.057	<0.040	0.133	0.075
	Acenaphthene	4	4	<0.040	0.000	<0.040	<0.040	0.701
	Fluorene	4	2	0.049	0.034	<0.040	0.079	0.118
	Phenanthrene	4	4	<0.040	0.000	<0.040	<0.040	0.040
	Anthracene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Fluoranthene	4	4	<0.040	0.000	<0.040	<0.040	0.056
	Pyrene	4	1	0.054	0.023	<0.040	0.068	0.090
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benz[a]anthracene*	4	3	0.045	0.050	<0.040	0.120	0.185
	Chrysene*	4	3	0.040	0.039	<0.040	0.098	0.061
	Benzo[b]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[k]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[e]pyrene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[a]pyrene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Dibenzo[a,h]anthracene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[g,h,i]perylene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Coronene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of B2 PAH	4	3	0.070	0.100	<0.040	0.219	0.235
	Sum of target PAH	4	0	0.176	0.095	0.061	0.285	1.610
PE	Dibutylphthalate	4	2	3.125	4.316	<0.040	9.173	0.509
	Benzylbutylphthalate	4	0	8.967	5.063	2.678	15.075	5.826
	Sum of Phthalate Esters	4	0	12.082	8.241	5.966	24.248	6.325
OP	Diazinon	4	2	0.118	0.114	<0.040	0.234	<0.040
	Chlorpyrifos	4	3	0.123	0.206	<0.040	0.432	<0.040
	Sum of OP	4	1	0.221	0.169	<0.040	0.432	<0.040
OC	Lindane	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Heptachlor	4	3	0.120	0.201	<0.040	0.421	0.289
	Aldrin	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	gamma-Chlordane	4	3	0.055	0.070	<0.040	0.159	0.045
	alpha-Chlordane	4	3	0.032	0.023	<0.040	0.066	<0.040
	p,p'-DDE	4	3	0.029	0.018	<0.040	0.055	<0.040
	Dieldrin	4	3	0.021	0.002	<0.040	0.024	<0.040
	Endrin	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	p,p'-DDT	4	2	0.107	0.100	<0.040	0.197	0.121
	Sum of OC	4	2	0.288	0.317	<0.040	0.642	0.424
PCB	2,6-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	0.049
	4,4'-Dichlorobiphenyl	4	3	0.033	0.026	<0.040	0.072	<0.040
	2,4,4'-Trichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	0.070
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of Target PCB	4	3	0.033	0.026	<0.040	0.072	0.108
PH	Pentachlorophenol	4	4	<0.100	0.000	<0.100	<0.100	<0.100
	Nonylphenols	4	4	<0.100	0.000	<0.100	<0.100	1.787
	Bisphenol-A	4	4	<0.100	0.000	<0.100	<0.100	0.647
	Sum of Phenols	4	4	<0.100	0.000	<0.100	<0.100	2.409
HA	2,4-D	4	0	1.817	1.496	0.353	3.188	1.464

Table N-25(continued). Summary Statistics for Phase 2 Data: Liquid Food Samples
by Low-income and Middle-income Families, ppb
Middle-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	5	4	0.025	0.010	<0.040	0.043	0.034
	Biphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Acenaphthylene	5	1	0.087	0.040	<0.040	0.123	0.133
	Acenaphthene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Fluorene	5	1	0.093	0.046	<0.040	0.139	0.110
	Phenanthrene	5	3	0.103	0.141	<0.040	0.345	0.032
	Anthracene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Fluoranthene	5	3	0.060	0.071	<0.040	0.185	0.030
	Pyrene	5	0	0.084	0.032	0.060	0.139	<0.040
	Cyclopenta[c,d]pyrene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benz[a]anthracene*	5	5	<0.040	0.000	<0.040	<0.040	0.067
	Chrysene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[b]fluoranthene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[k]fluoranthene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[e]pyrene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[a]pyrene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Dibenzo[a,h]anthracene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[g,h,i]perylene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Coronene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of B2 PAH	5	5	<0.040	0.000	<0.040	<0.040	0.067
	Sum of target PAH	5	0	0.403	0.343	0.146	0.962	0.366
PE	Dibutylphthalate	5	2	16.166	23.797	<0.040	55.562	11.687
	Benzylbutylphthalate	5	0	9.384	2.949	5.699	13.414	7.263
	Sum of Phthalate Esters	5	0	25.542	23.894	5.699	63.132	18.940
OP	Diazinon	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Chlorpyrifos	5	5	<0.040	0.000	<0.040	<0.040	0.169
	Sum of OP	5	5	<0.040	0.000	<0.040	<0.040	0.169
OC	Lindane	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Heptachlor	5	4	0.091	0.159	<0.040	0.376	0.446
	Aldrin	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	gamma-Chlordane	5	5	<0.040	0.000	<0.040	<0.040	0.037
	alpha-Chlordane	5	5	<0.040	0.000	<0.040	<0.040	0.035
	p,p'-DDE	5	4	0.036	0.035	<0.040	0.099	0.037
	Dieldrin	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Endrin	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	p,p'-DDT	5	1	0.170	0.087	<0.040	0.243	0.107
	Sum of OC	5	1	0.265	0.196	<0.040	0.564	0.620
PCB	2,6-Dichlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	4,4'-Dichlorobiphenyl	5	3	0.058	0.053	<0.040	0.134	0.070
	2,4,4'-Trichlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	0.037
	2,2',3,4,4',5'-Hexachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of Target PCB	5	3	0.058	0.053	<0.040	0.134	0.098
PH	Pentachlorophenol	5	5	<0.100	0.000	<0.100	<0.100	<0.100
	Nonylphenols	5	1	1.460	1.392	<0.100	3.278	3.354
	Bisphenol-A	5	3	0.084	0.047	<0.100	0.145	0.121
	Sum of Phenols	5	1	1.515	1.410	<0.100	3.278	3.450
HA	2,4-D	5	0	1.165	0.410	0.675	1.673	1.724

Table N-26. Summary Statistics for Phase 2 Data: Solid Food Samples
by Low-income and Middle-income Families, ppb
Low-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	4	0	1.822	0.688	1.014	2.621	2.716
	Biphenyl	4	0	0.529	0.407	0.193	1.029	0.264
	Acenaphthylene	4	2	0.348	0.593	<0.040	1.234	0.733
	Acenaphthene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Fluorene	4	0	0.553	0.287	0.299	0.814	0.784
	Phenanthrene	4	0	0.674	0.412	0.285	1.095	0.620
	Anthracene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Fluoranthene	4	0	0.287	0.119	0.169	0.427	0.329
	Pyrene	4	0	0.176	0.093	0.085	0.287	0.199
	Cyclopenta[c,d]pyrene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benz[a]anthracene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Chrysene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[b]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[k]fluoranthene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[e]pyrene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[a]pyrene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Dibenzo[a,h]anthracene*	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[g,h,i]perylene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Coronene	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of B2 PAH	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of target PAH	4	0	4.379	2.371	2.128	7.101	5.642
PE	Dibutylphthalate	4	0	26.416	23.427	2.751	57.394	44.032
	Benzylbutylphthalate	4	0	151.124	177.825	17.738	404.081	31.606
	Sum of Phthalate Esters	4	0	177.540	200.760	20.489	461.475	75.638
OP	Diazinon	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Chlorpyrifos	4	0	0.593	0.569	0.085	1.366	0.372
	Sum of OP	4	0	0.593	0.569	0.085	1.366	0.372
OC	Lindane	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Heptachlor	4	2	0.310	0.335	<0.040	0.621	<0.040
	Aldrin	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	gamma-Chlordane	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	alpha-Chlordane	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	p,p'-DDE	4	4	<0.040	0.000	<0.040	<0.040	0.054
	Dieldrin	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Endrin	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	p,p'-DDT	4	2	0.047	0.033	<0.040	0.088	0.185
	Sum of OC	4	1	0.342	0.349	<0.040	0.666	0.219
PCB	2,6-Dichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	4,4'-Dichlorobiphenyl	4	3	0.032	0.023	<0.040	0.066	<0.040
	2,4,4'-Trichlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	4	3	0.051	0.061	<0.040	0.142	<0.040
	2,2'3,5'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,3',4',5-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	4	3	0.037	0.034	<0.040	0.087	<0.040
	2,2'4,5,5'-Pentachlorobiphenyl	4	3	0.043	0.046	<0.040	0.112	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	4	3	0.027	0.014	<0.040	0.047	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	4	3	0.049	0.057	<0.040	0.134	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	4	3	0.030	0.021	<0.040	0.061	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	4	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of Target PCB	4	2	0.172	0.181	<0.040	0.380	<0.040
PH	Pentachlorophenol	4	4	<0.100	0.000	<0.100	<0.100	<0.100
	Nonylphenols	4	0	28.777	24.684	12.534	65.216	22.346
	Bisphenol-A	4	0	1.624	1.571	0.252	3.398	0.619
	Sum of Phenols	4	0	30.401	25.546	12.786	67.711	22.964
HA	2,4-D	4	3	0.736	0.973	<0.500	2.195	<0.500

Table N-26(continued). Summary Statistics for Phase 2 Data: Solid Food Samples
by Low-income and Middle-income Families, ppb
Middle-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Mean (Day Care)
PAH	Naphthalene	5	0	1.828	0.827	0.782	2.773	1.368
	Biphenyl	5	2	0.166	0.188	<0.040	0.426	0.141
	Acenaphthylene	5	2	0.075	0.053	<0.040	0.136	<0.040
	Acenaphthene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Fluorene	5	0	0.453	0.162	0.230	0.624	0.382
	Phenanthrene	5	0	0.531	0.266	0.273	0.929	0.401
	Anthracene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Fluoranthene	5	0	0.237	0.083	0.158	0.332	0.196
	Pyrene	5	0	0.148	0.047	0.102	0.210	0.130
	Cyclopenta[c,d]pyrene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benz[a]anthracene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Chrysene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[b]fluoranthene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[k]fluoranthene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[e]pyrene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[a]pyrene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Indeno[1,2,3-c,d]pyrene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Dibenzo[a,h]anthracene*	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Benzo[g,h,i]perylene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Coronene	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of B2 PAH	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of target PAH	5	0	3.421	1.134	1.983	5.089	2.608
PE	Dibutylphthalate	5	0	15.801	11.435	5.849	33.293	27.250
	Benzylbutylphthalate	5	0	59.625	46.598	8.589	111.673	31.205
	Sum of Phthalate Esters	5	0	75.426	56.221	17.004	144.967	58.454
OP	Diazinon	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Chlorpyrifos	5	0	0.999	0.832	0.172	2.310	0.931
	Sum of OP	5	0	0.999	0.832	0.172	2.310	0.931
OC	Lindane	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Heptachlor	5	3	0.300	0.389	<0.040	0.818	<0.040
	Aldrin	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	gamma-Chlordane	5	4	0.043	0.051	<0.040	0.135	<0.040
	alpha-Chlordane	5	4	0.029	0.019	<0.040	0.063	<0.040
	p,p'-DDE	5	4	0.278	0.576	<0.040	1.308	0.079
	Dieldrin	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Endrin	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	p,p'-DDT	5	4	0.170	0.335	<0.040	0.769	<0.040
	Sum of OC	5	1	0.746	0.809	<0.040	2.076	0.079
PCB	2,6-Dichlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	4,4'-Dichlorobiphenyl	5	3	0.056	0.067	<0.040	0.175	<0.040
	2,4,4'-Trichlorobiphenyl	5	1	0.080	0.037	<0.040	0.109	<0.040
	2,2'5,5'-Tetrachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	0.070
	2,2'3,5'-Tetrachlorobiphenyl	5	4	0.030	0.023	<0.040	0.072	<0.040
	2,3',4',5-Tetrachlorobiphenyl	5	4	0.036	0.037	<0.040	0.102	<0.040
	3,3'4,4'-Tetrachlorobiphenyl	5	3	0.041	0.031	<0.040	0.088	<0.040
	2,2'3,5'6-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	0.061
	2,2'4,5,5'-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2'3,4,5'-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,3,3'4',6-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,3'4,4',5-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,3,3',4,4'-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	3,3'4,4'5-Pentachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',4,4'5,5'-Hexachlorobiphenyl	5	4	0.037	0.038	<0.040	0.105	<0.040
	2,2',3,4,4',5'-Hexachlorobiphenyl	5	4	0.032	0.028	<0.040	0.082	<0.040
	3,3'4,4',5,5'-Hexachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	5	5	<0.040	0.000	<0.040	<0.040	<0.040
	Sum of Target PCB	5	1	0.225	0.172	<0.040	0.411	0.120
PH	Pentachlorophenol	5	3	0.074	0.033	<0.100	0.116	<0.100
	Nonylphenols	5	0	35.701	23.213	21.079	76.093	17.517
	Bisphenol-A	5	0	1.034	1.764	0.172	4.188	0.408
	Sum of Phenols	5	0	36.778	24.976	21.312	80.397	17.924
HA	2,4-D	5	5	<0.500	0.000	<0.500	<0.500	1.184

Table N-27. Summary Statistics for Phase 2 Data: Dermal Wipe Samples from Homes and Daycare Centers
by Low-income and Middle-income Families, ng/wipe
Low-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Number of Samples (Day Care)	Number of BDL (Day Care)	Mean (Day Care)	Standard Deviation (Day Care)	Minimum (Day Care)	Maximum (Day Care)
PAH	Naphthalene	4	2	0.513	0.357	<0.500	1.005	4	0	1.324	0.528	0.860	1.960
	Biphenyl	4	3	0.345	0.190	<0.500	0.630	4	0	0.775	0.351	0.470	1.185
	Acenaphthylene	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	Acenaphthene	4	1	1.655	1.095	<0.500	2.685	4	0	1.804	1.205	0.895	3.560
	Fluorene	4	3	0.745	0.990	<0.500	2.230	4	3	0.555	0.610	<0.500	1.470
	Phenanthrene	4	3	1.369	2.238	<0.500	4.725	4	2	1.126	1.069	<0.500	2.425
	Anthracene	4	3	0.361	0.223	<0.500	0.695	4	3	0.246	0.008	<0.470	0.250
	Fluoranthene	4	2	0.364	0.218	<0.500	0.690	4	2	2.279	3.945	<0.500	8.195
	Pyrene	4	2	0.380	0.154	<0.500	0.550	4	2	1.366	2.130	<0.500	4.560
	Cyclopenta[c,d]pyrene	4	4	<0.500	0.000	<0.500	<0.500	4	3	0.304	0.108	<0.500	0.465
	Benz[a]anthracene*	4	4	<0.500	0.000	<0.500	<0.500	4	3	0.396	0.293	<0.500	0.835
	Chrysene*	4	3	0.300	0.100	<0.500	0.450	4	3	0.443	0.385	<0.500	1.020
	Benzo[b]fluoranthene*	4	4	<0.500	0.000	<0.500	<0.500	4	3	0.549	0.598	<0.500	1.445
	Benzo[k]fluoranthene*	4	4	<0.500	0.000	<0.500	<0.500	4	3	0.304	0.108	<0.500	0.465
	Benzo[e]pyrene	4	4	<0.500	0.000	<0.500	<0.500	4	3	0.380	0.260	<0.500	0.770
	Benzo[a]pyrene*	4	3	0.333	0.165	<0.500	0.580	4	2	0.560	0.493	<0.500	1.285
	Indeno[1,2,3-c,d]pyrene*	4	0	0.634	0.150	0.500	0.845	4	1	0.696	0.410	<0.500	1.240
	Dibenzo[a,h]anthracene*	4	3	0.336	0.173	<0.500	0.595	4	3	0.371	0.243	<0.500	0.735
	Benzo[g,h,i]perylene	4	0	0.636	0.099	0.540	0.770	4	1	0.688	0.395	<0.500	1.205
	Coronene	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	Sum of B2 PAH	4	0	1.040	0.955	0.500	2.470	4	1	2.073	2.836	<0.500	6.290
	Sum of target PAH	4	0	5.180	5.361	0.645	12.570	4	0	9.659	8.047	4.465	21.635
PE	Dibutylphthalate	4	2	56.051	64.963	<0.500	121.985	4	1	176.090	287.577	<0.500	605.330
	Benzylbutylphthalate	4	0	564.831	414.780	59.065	938.010	4	1	570.809	551.355	<0.500	1325.445
	Sum of Phthalate Esters	4	0	620.757	441.654	59.065	1059.995	4	1	746.836	598.966	<0.500	1354.470
OP	Diazinon	4	2	2.318	3.825	<0.500	8.045	4	2	2.620	4.474	<0.500	9.325
	Chlorpyrifos	4	0	4.098	2.498	0.900	6.425	4	1	2.578	2.134	<0.500	5.255
	Sum of OP	4	0	6.290	5.459	0.900	13.740	4	1	5.073	6.453	<0.500	14.580
OC	Lindane	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	Heptachlor	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	Aldrin	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	gamma-Chlordane	4	3	1.800	3.100	<0.500	6.450	4	0	1.316	1.157	0.675	3.050
	alpha-Chlordane	4	3	1.199	1.898	<0.500	4.045	4	1	0.859	0.815	<0.500	2.060
	p,p'-DDE	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	Dieldrin	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	Endrin	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	p,p'-DDT	4	3	0.388	0.275	<0.500	0.800	4	3	0.550	0.600	<0.500	1.450
	Sum of OC	4	2	2.949	5.038	<0.500	10.495	4	0	2.475	1.814	1.275	5.110
PCB	2,6-Dichlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	4,4'-Dichlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,4,4'-Trichlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,2'5,5'-Tetrachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,2'3,5'-Tetrachlorobiphenyl	4	3	0.429	0.358	<0.500	0.965	4	2	0.525	0.359	<0.500	1.005
	2,3',4',5-Tetrachlorobiphenyl	4	3	0.319	0.138	<0.500	0.525	4	4	<0.500	0.000	<0.500	<0.500
	3,3'4,4'-Tetrachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,2'3,5'6-Pentachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,2'4,5,5'-Pentachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,2'3,4,5'-Pentachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,3,3'4',6-Pentachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	3	0.410	0.320	<0.500	0.890
	2,3'4,4',5-Pentachlorobiphenyl	4	2	0.429	0.206	<0.500	0.610	4	2	0.473	0.267	<0.500	0.785
	2,3,3',4,4'-Pentachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	3,3'4,4'5-Pentachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,2',4,4'5,5'-Hexachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,2',3,4,4',5'-Hexachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	1,3'4,4',5,5'-Hexachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	4	4	<0.500	0.000	<0.500	<0.500	4	4	<0.500	0.000	<0.500	<0.500
	Sum of Target PCB	4	1	0.739	0.575	<0.500	1.570	4	1	1.033	0.636	<0.500	1.610

Table N-27(continued). Summary Statistics for Phase 2 Data: Dermal Wipe Samples from Homes and Daycare Centers by Low-income and Middle-income Families, ng/wipe

Middle-income Families

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Number of Samples (Day Care)	Number of BDL (Day Care)	Mean (Day Care)	Standard Deviation (Day Care)	Minimum (Day Care)	Maximum (Day Care)
PAH	Naphthalene	5	0	6.601	8.968	0.790	22.455	5	0	2.556	0.139	2.365	2.700
	Biphenyl	5	0	1.244	0.321	0.795	1.700	5	0	1.534	0.146	1.355	1.705
	Acenaphthylene	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Acenaphthene	5	0	4.506	2.045	1.460	6.880	5	0	5.142	0.975	4.125	6.220
	Fluorene	5	0	1.470	0.747	0.475	2.060	5	0	3.190	1.664	1.530	5.300
	Phenanthrene	5	3	0.466	0.306	<0.500	0.900	5	2	1.586	2.189	<0.500	5.445
	Anthracene	5	2	0.417	0.153	<0.500	0.540	5	0	0.876	0.605	0.395	1.895
	Fluoranthene	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Pyrene	5	5	<0.500	0.000	<0.500	<0.500	5	4	0.301	0.114	<0.500	0.505
	Cyclopenta[c,d]pyrene	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Benz[a]anthracene*	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Chrysene*	5	5	<0.500	0.000	<0.500	<0.500	5	4	0.323	0.163	<0.500	0.615
	Benzo[b]fluoranthene*	5	4	0.313	0.141	<0.500	0.565	5	5	<0.500	0.000	<0.500	<0.500
	Benzo[k]fluoranthene*	5	4	0.347	0.217	<0.500	0.735	5	5	<0.500	0.000	<0.500	<0.500
	Benzo[e]pyrene	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Benzo[a]pyrene*	5	3	0.381	0.181	<0.500	0.610	5	5	<0.500	0.000	<0.500	<0.500
	Indeno[1,2,3-c,d]pyrene*	5	4	0.379	0.288	<0.500	0.895	5	2	0.401	0.138	<0.500	0.510
	Dibenzo[a,h]anthracene*	5	4	0.302	0.116	<0.500	0.510	5	5	<0.500	0.000	<0.500	<0.500
	Benzo[g,h,i]perylene	5	1	0.509	0.192	<0.500	0.780	5	0	0.504	0.047	0.445	0.570
	Coronene	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Sum of B2 PAH	5	3	0.922	1.344	<0.500	3.315	5	2	0.524	0.358	<0.500	1.125
	Sum of target PAH	5	0	14.913	9.081	4.000	29.265	5	0	15.389	4.642	10.525	22.815
PE	Dibutylphthalate	5	2	85.020	81.842	<0.500	184.275	5	3	33.729	53.273	<0.500	122.325
	Benzylbutylphthalate	5	2	83.431	134.001	<0.500	318.430	5	2	94.654	145.861	<0.500	344.045
	Sum of Phthalate Esters	5	1	168.301	174.489	<0.500	445.625	5	2	128.233	152.084	<0.500	344.045
OP	Diazinon	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Chlorpyrifos	5	2	7.120	10.248	<0.500	23.865	5	4	0.738	1.091	<0.500	2.690
	Sum of OP	5	2	7.120	10.248	<0.500	23.865	5	4	0.738	1.091	<0.500	2.690
OC	Lindane	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Heptachlor	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Aldrin	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	gamma-Chlordane	5	2	0.666	0.562	<0.500	1.620	5	5	<0.500	0.000	<0.500	<0.500
	alpha-Chlordane	5	3	0.670	0.725	<0.500	1.925	5	5	<0.500	0.000	<0.500	<0.500
	p,p'-DDE	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Dieldrin	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Endrin	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	p,p'-DDT	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Sum of OC	5	2	1.186	1.383	<0.500	3.545	5	5	<0.500	0.000	<0.500	<0.500
PCB	2,6-Dichlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	4,4'-Dichlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,4,4'-Trichlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,2'5,5'-Tetrachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	4	0.334	0.188	<0.500	0.670
	2,2'3,5'-Tetrachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,3',4',5-Tetrachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	3,3'4,4'-Tetrachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,2'3,5'6-Pentachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,2'4,5,5'-Pentachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,2'3,4,5'-Pentachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,3,3'4',6-Pentachlorobiphenyl	5	3	0.369	0.163	<0.500	0.560	5	4	0.306	0.125	<0.500	0.530
	2,3'4,4',5-Pentachlorobiphenyl	5	4	0.391	0.315	<0.500	0.955	5	3	0.509	0.355	<0.500	0.920
	2,3,3',4,4'-Pentachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	3,3'4,4'5-Pentachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,2',4,4'5,5'-Hexachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,2',3,4,4',5'-Hexachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	3,3'4,4',5,5'-Hexachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	5	5	<0.500	0.000	<0.500	<0.500	5	5	<0.500	0.000	<0.500	<0.500
	Sum of Target PCB	5	3	0.560	0.548	<0.500	1.515	5	2	0.699	0.488	<0.500	1.405

Table N-28. Summary Statistics for Phase 2 Data: Urine Samples from Homes and Daycare Centers by Low-income and Middle-income Families, ng/mL

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Number of Samples (Day Care)	Number of BDL (Day Care)	Mean (Day Care)	Standard Deviation (Day Care)	Minimum (Day Care)	Maximum (Day Care)
	Low-income Families												
PH	Pentachlorophenol	4	0	0.523	0.325	0.264	0.992	4	0	0.253	0.060	0.175	0.301
HA	2,4-D	4	0	2.869	0.635	2.275	3.705	4	0	2.983	0.429	2.519	3.376
OH-PAH	1-Naphthol	4	0	2.086	1.798	0.375	4.370	4	0	0.753	0.535	0.275	1.472
	2-Naphthol	4	0	0.497	0.327	0.179	0.799	4	0	0.199	0.069	0.138	0.272
	3-Hydroxyfluoranthene	4	0	0.215	0.140	0.068	0.405	4	0	0.123	0.074	0.069	0.227
	1-Hydroxypyrene	4	0	0.110	0.050	0.061	0.179	4	0	0.053	0.022	0.022	0.073
	1-Hydrxoybenz[a]anthracene	4	1	0.020	0.009	<0.018	0.028	4	1	0.020	0.008	<0.018	0.026
	6-Hydroxychrysene	4	0	0.021	0.004	0.017	0.025	4	0	0.035	0.011	0.026	0.047
	3-Hydroxybenz[a]anthracene	4	0	0.036	0.014	0.022	0.056	4	0	0.054	0.027	0.017	0.079
	1&3-Hydroxybenzo[a]pyrene	4	3	0.021	0.009	<0.034	0.035	4	3	0.022	0.011	<0.034	0.038
	6-Hydroxyindeno[1,2,3-c,d]pyrene	4	4	<0.018	0.000	<0.018	<0.018	4	1	0.034	0.029	<0.018	0.076
TCP	3,5,6-Trichloro-2-pyridinol	4	0	13.855	5.866	9.270	21.720	4	0	7.740	4.288	3.760	13.680
	Middle-income Families												
PH	Pentachlorophenol	5	0	0.661	0.571	0.305	1.675	5	0	0.390	0.165	0.260	0.666
HA	2,4-D	5	0	2.230	1.550	0.716	4.699	5	0	1.672	1.081	0.710	3.494
OH-PAH	1-Naphthol	5	0	0.381	0.134	0.180	0.523	5	0	0.450	0.295	0.231	0.927
	2-Naphthol	5	0	0.133	0.042	0.084	0.184	5	0	0.121	0.031	0.087	0.161
	3-Hydroxyfluoranthene	5	0	0.265	0.159	0.121	0.520	5	0	0.200	0.128	0.064	0.397
	1-Hydroxypyrene	5	0	0.114	0.060	0.045	0.198	5	0	0.097	0.061	0.021	0.155
	1-Hydrxoybenz[a]anthracene	5	1	0.029	0.020	<0.018	0.061	5	2	0.024	0.017	<0.018	0.043
	6-Hydroxychrysene	5	0	0.040	0.023	0.023	0.076	5	0	0.063	0.053	0.020	0.150
	3-Hydroxybenz[a]anthracene	5	0	0.052	0.015	0.032	0.066	5	1	0.035	0.023	<0.018	0.069
	1&3-Hydroxybenzo[a]pyrene	5	3	0.031	0.020	<0.034	0.059	5	4	0.025	0.020	<0.034	0.061
	6-Hydroxyindeno[1,2,3-c,d]pyrene	5	3	0.036	0.053	<0.018	0.131	5	3	0.015	0.010	<0.018	0.031
TCP	3,5,6-Trichloro-2-pyridinol	5	0	10.558	10.740	4.030	29.580	5	0	9.137	5.605	4.690	17.740

Table N-29. Summary Statistics for Phase 2 Data: Urine Samples from Homes and Daycare Centers by Low-income and Middle-income Families, umole/mole

Compound Class	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Number of Samples (Day Care)	Number of BDL (Day Care)	Mean (Day Care)	Standard Deviation (Day Care)	Minimum (Day Care)	Maximum (Day Care)
	Low-income Families												
PH	Pentachlorophenol	4	0	0.238	0.072	0.158	0.306	4	0	0.200	0.074	0.113	0.287
HA	2,4-D	4	0	1.736	0.474	1.105	2.211	4	0	2.814	0.915	1.948	3.973
OH-PAH	1-Naphthol	4	0	1.804	1.402	0.452	3.769	4	0	1.211	0.842	0.260	2.139
	2-Naphthol	4	0	0.429	0.185	0.216	0.653	4	0	0.321	0.169	0.134	0.534
	3-Hydroxyfluoranthene	4	0	0.136	0.069	0.039	0.201	4	0	0.139	0.108	0.043	0.281
	1-Hydroxypyrene	4	0	0.071	0.029	0.035	0.105	4	0	0.051	0.019	0.029	0.074
	1-Hydrxoybenz[a]anthracene	4	1	0.012	0.008	<0.012	0.022	4	1	0.018	0.007	<0.020	0.027
	6-Hydroxychrysene	4	0	0.013	0.006	0.006	0.021	4	0	0.030	0.003	0.026	0.034
	3-Hydroxybenz[a]anthracene	4	0	0.023	0.017	0.011	0.048	4	0	0.046	0.024	0.019	0.078
	1&3-Hydroxybenzo[a]pyrene	4	3	0.012	0.008	<0.012	0.023	4	3	0.020	0.014	<0.018	0.040
	6-Hydroxyindeno[1,2,3-c,d]pyrene	4	4	<0.008	0.002	<0.006	<0.012	4	1	0.021	0.012	<0.016	0.036
TCP	3,5,6-Trichloro-2-pyridinol	4	0	8.902	2.792	6.101	12.662	4	0	7.300	2.358	4.987	9.840
	Middle-income Families												
PH	Pentachlorophenol	5	0	0.795	0.403	0.437	1.343	5	0	0.665	0.330	0.254	1.112
HA	2,4-D	5	0	3.667	2.199	0.686	6.818	5	0	2.902	0.903	1.789	4.081
OH-PAH	1-Naphthol	5	0	1.174	0.790	0.283	2.365	5	0	1.493	1.005	0.443	3.030
	2-Naphthol	5	0	0.388	0.258	0.224	0.820	5	0	0.385	0.111	0.278	0.548
	3-Hydroxyfluoranthene	5	0	0.471	0.300	0.185	0.949	5	0	0.408	0.281	0.174	0.895
	1-Hydroxypyrene	5	0	0.216	0.155	0.068	0.440	5	0	0.188	0.108	0.058	0.315
	1-Hydrxoybenz[a]anthracene	5	1	0.050	0.041	<0.028	0.102	5	2	0.049	0.040	<0.034	0.105
	6-Hydroxychrysene	5	0	0.083	0.089	0.021	0.236	5	0	0.125	0.110	0.040	0.289
	3-Hydroxybenz[a]anthracene	5	0	0.083	0.033	0.043	0.122	5	1	0.070	0.051	<0.034	0.133
	1&3-Hydroxybenzo[a]pyrene	5	3	0.044	0.025	<0.028	0.076	5	4	0.044	0.036	<0.034	0.107
	6-Hydroxyindeno[1,2,3-c,d]pyrene	5	3	0.043	0.060	<0.014	0.149	5	3	0.024	0.017	<0.016	0.049
TCP	3,5,6-Trichloro-2-pyridinol	5	0	17.102	11.907	6.479	31.385	5	0	20.961	14.333	6.534	39.214

Table N-30. Summary Statistics for Phase 2 Data: Estimated Daily Doses from Homes and Daycare Centers by Low-income and Middle-income Families, ng/kg/day

Sample source	Compound	Number of Samples (Home)	Number of BDL (Home)	Mean (Home)	Standard Deviation (Home)	Minimum (Home)	Maximum (Home)	Number of Samples (Day Care)	Number of BDL (Day Care)	Mean (Day Care)	Standard Deviation (Day Care)	Minimum (Day Care)	Maximum (Day Care)
Low-income Families													
dietary	Sum of B2 PAH	4	3	0.614	1.063	<0.100	2.207	4	2	5.305	6.015	<0.200	10.802
	Sum of target PAH	4	0	31.264	21.888	5.761	59.258	4	0	106.756	25.366	70.623	127.503
	Sum of Phthalate Esters	4	0	1077.505	923.040	172.095	1886.784	4	0	1075.177	634.175	562.372	1902.842
	Chlorpyrifos	4	0	2.584	1.129	1.160	3.924	4	0	5.157	2.249	2.586	7.233
	Sum of OP	4	0	3.625	1.685	1.160	4.784	4	0	5.157	2.249	2.586	7.233
	Sum of OC	4	0	4.856	4.528	0.599	9.112	4	0	9.057	3.610	6.281	14.108
	Sum of Target PCB	4	1	0.760	0.596	<0.200	1.509	4	2	1.225	1.331	<0.200	2.813
	Bisphenol-A	4	0	12.350	15.055	0.504	34.186	4	0	17.251	3.014	13.711	21.024
	Sum of Phenols	4	0	190.565	113.644	25.543	268.738	4	0	356.207	199.538	146.800	541.091
inhalation	Sum of B2 PAH	4	0	0.477	0.224	0.280	0.733	4	0	0.200	0.037	0.168	0.242
	Sum of target PAH	4	0	218.895	155.224	91.647	427.366	4	0	300.018	96.794	215.779	436.310
	Sum of Phthalate Esters	4	0	266.037	113.287	166.008	374.831	4	0	236.382	68.346	175.598	333.659
	Chlorpyrifos	4	0	12.641	11.297	3.724	28.951	4	0	6.431	2.109	4.602	9.394
	Sum of OP	4	0	32.027	45.028	4.908	99.281	4	0	8.241	2.686	5.908	12.019
	Sum of OC	4	0	16.823	14.461	2.901	37.080	4	0	14.382	4.704	10.300	20.994
	Sum of Target PCB	4	0	6.764	3.647	1.931	10.500	4	0	9.903	3.061	7.215	14.234
	Bisphenol-A	4	0	11.508	8.462	1.054	21.186	4	0	1.825	0.557	1.335	2.615
	Sum of Phenols	4	0	133.886	98.672	1.479	226.405	4	0	50.727	17.153	35.950	74.738
nondietary	Sum of B2 PAH	4	0	1.275	0.822	0.751	2.502	4	0	3.928	1.846	2.326	6.367
	Sum of target PAH	4	0	3.027	1.860	1.904	5.807	4	0	9.381	4.328	5.627	15.118
	Sum of Phthalate Esters	4	0	21.514	11.150	5.414	30.205	4	0	5.092	5.714	0.136	10.711
	Chlorpyrifos	4	0	0.477	0.321	0.116	0.839	4	0	0.265	0.101	0.147	0.371
	Sum of OP	4	0	0.746	0.691	0.166	1.727	4	0	0.319	0.138	0.166	0.464
	Sum of OC	4	0	1.664	2.019	0.381	4.674	4	0	1.263	0.210	1.030	1.514
	Sum of Target PCB	4	0	0.252	0.125	0.133	0.370	4	0	0.549	0.283	0.251	0.842
	Bisphenol-A	4	0	5.370	1.971	3.444	7.417	4	0	1.220	0.201	0.960	1.411
	Sum of Phenols	4	0	27.951	8.147	19.594	37.489	4	0	14.746	4.814	8.873	19.832
total dose	Sum of B2 PAH	4	0	2.308	1.095	1.220	3.260	4	0	9.383	7.796	2.500	17.410
	Sum of target PAH	4	0	253.185	158.179	99.520	463.060	4	0	416.155	121.943	292.030	578.930
	Sum of Phthalate Esters	4	0	1365.055	933.919	372.790	2267.140	4	0	1316.653	602.254	790.400	2121.940
	Chlorpyrifos	4	0	15.702	11.975	5.000	32.410	4	0	11.853	4.117	7.510	16.840
	Sum of OP	4	0	36.398	46.587	6.230	105.790	4	0	13.718	4.646	8.900	19.500
	Sum of OC	4	0	23.345	19.194	5.110	50.170	4	0	24.705	4.196	20.670	29.150
	Sum of Target PCB	4	0	7.750	4.131	2.620	12.360	4	0	11.613	2.255	9.780	14.600
	Bisphenol-A	4	0	29.228	18.393	5.500	50.350	4	0	20.295	3.292	16.210	23.930
	Sum of Phenols	4	0	352.405	203.461	50.050	487.930	4	0	421.680	210.452	199.990	628.860
Middle-income Families													
dietary	Sum of B2 PAH	5	5	<0.340	0.057	<0.200	<0.500	5	3	1.665	2.130	<0.200	4.491
	Sum of target PAH	5	0	57.630	24.546	27.876	90.089	5	0	74.120	49.527	34.400	143.520
	Sum of Phthalate Esters	5	0	1840.658	1082.845	559.621	2992.959	5	0	1966.039	2059.160	431.327	4736.801
	Chlorpyrifos	5	0	15.737	16.387	1.887	43.302	5	0	27.017	31.639	3.781	69.239
	Sum of OP	5	0	15.737	16.387	1.887	43.302	5	0	27.017	31.639	3.781	69.239
	Sum of OC	5	0	19.071	17.295	2.491	44.541	5	0	20.126	5.911	14.371	29.248
	Sum of Target PCB	5	1	4.074	2.958	<0.300	7.468	5	2	5.581	5.048	<0.200	10.425
	Bisphenol-A	5	0	14.540	23.289	1.927	56.060	5	0	12.560	12.049	3.467	28.886
	Sum of Phenols	5	0	530.901	309.224	343.032	1080.720	5	0	536.776	302.785	285.583	968.907
inhalation	Sum of B2 PAH	5	0	0.352	0.074	0.279	0.465	5	0	0.212	0.051	0.151	0.282
	Sum of target PAH	5	0	370.539	354.090	138.820	998.965	5	0	70.046	16.793	49.514	92.119
	Sum of Phthalate Esters	5	0	228.641	87.341	125.327	355.928	5	0	129.530	31.117	92.068	171.266
	Chlorpyrifos	5	0	131.639	226.317	1.674	528.237	5	0	0.776	0.186	0.549	1.021
	Sum of OP	5	0	132.829	226.391	2.126	529.396	5	0	1.278	0.306	0.901	1.676
	Sum of OC	5	0	33.729	32.896	5.615	80.959	5	0	2.594	0.622	1.827	3.400
	Sum of Target PCB	5	0	10.493	11.088	3.352	29.983	5	0	10.932	2.619	7.698	14.324
	Bisphenol-A	5	1	3.522	2.341	<0.060	6.345	5	0	2.007	0.483	1.428	2.657
	Sum of Phenols	5	0	83.875	64.808	2.735	180.994	5	0	101.189	24.244	71.005	132.125
nondietary	Sum of B2 PAH	5	0	6.792	11.368	0.940	27.111	5	0	0.539	0.261	0.291	0.878
	Sum of target PAH	5	0	14.480	23.591	2.131	56.638	5	0	1.285	0.660	0.669	2.137
	Sum of Phthalate Esters	5	0	31.789	30.431	11.069	83.649	5	0	15.115	5.930	9.020	22.862
	Chlorpyrifos	5	0	5.772	8.096	0.169	19.790	5	0	0.072	0.013	0.054	0.087
	Sum of OP	5	0	5.868	8.084	0.210	19.842	5	0	0.134	0.022	0.104	0.156
	Sum of OC	5	0	1.587	1.194	0.192	3.281	5	0	0.083	0.014	0.064	0.099
	Sum of Target PCB	5	0	0.739	0.518	0.129	1.306	5	0	0.330	0.130	0.197	0.500
	Bisphenol-A	5	0	5.829	1.743	3.795	8.453	5	0	6.526	1.832	4.378	8.906
	Sum of Phenols	5	0	36.541	11.226	19.882	50.780	5	0	109.696	33.007	72.055	152.744
total dose	Sum of B2 PAH	5	0	7.146	11.433	1.220	27.580	5	0	2.336	2.507	0.440	5.650
	Sum of target PAH	5	0	442.650	384.701	171.010	1121.770	5	0	145.450	65.825	84.580	237.780
	Sum of Phthalate Esters	5	0	2101.088	1131.918	859.100	3383.470	5	0	2110.684	2092.886	532.410	4930.930
	Chlorpyrifos	5	0	153.148	232.850	3.860	560.610	5	0	27.864	31.812	4.380	70.350
	Sum of OP	5	0	154.434	232.945	4.220	561.820	5	0	28.430	31.913	4.790	71.070
	Sum of OC	5	0	54.388	37.157	8.300	94.520	5	0	22.804	6.522	16.260	32.750
	Sum of Target PCB	5	0	15.278	9.099	8.580	30.290	5	0	16.792	3.584	12.700	22.040
	Bisphenol-A	5	0	23.886	22.908	9.860	64.610	5	0	21.094	14.195	9.270	40.450
	Sum of Phenols	5	0	651.316	353.950	466.210	1281.600	5	0	747.662	356.737	428.640	1253.780

APPENDIX O. SPEARMAN AND PEARSON CORRELATION COEFFICIENTS BETWEEN SAMPLE MEDIA FOR POP

Table O-1. Spearman Correlation Coefficients between Media for B2 PAH

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.51099	0.16484	0.45558	-0.18206	.
Indoor Air	0.0	0.0743	0.5905	0.1591	0.5516	.
	13	13	13	11	13	13
OA	0.51099	1.00000	0.23626	0.62415	0.20064	.
Outdoor Air	0.0743	0.0	0.4371	0.0401	0.5110	.
	13	13	13	11	13	13
HD	0.16484	0.23626	1.00000	0.52392	-0.04459	.
Floor Dust (HVS3)	0.5905	0.4371	0.0	0.0981	0.8850	.
	13	13	13	11	13	13
PS	0.45558	0.62415	0.52392	1.00000	-0.24916	.
Playground Soil	0.1591	0.0401	0.0981	0.0	0.4600	.
	11	11	11	11	11	11
LF	-0.18206	0.20064	-0.04459	-0.24916	1.00000	.
Liquid Food	0.5516	0.5110	0.8850	0.4600	0.0	.
	13	13	13	11	13	13
SF	.	.	.	.	.	.
Solid Food	.	.	.	.	.	.
	13	13	13	11	13	13

Table O-2. Spearman Correlation Coefficients between Media for Target PAH

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.04396	0.79670	0.38724	0.27510	0.20879
Indoor Air	0.0	0.8866	0.0011	0.2393	0.3630	0.4936
	13	13	13	11	13	13
OA	0.04396	1.00000	0.56593	0.37358	0.07153	-0.16484
Outdoor Air	0.8866	0.0	0.0438	0.2578	0.8164	0.5905
	13	13	13	11	13	13
HD	0.79670	0.56593	1.00000	0.36447	0.37964	0.18681
Floor Dust (HVS3)	0.0011	0.0438	0.0	0.2705	0.2007	0.5411
	13	13	13	11	13	13
PS	0.38724	0.37358	0.36447	1.00000	-0.26256	-0.15034
Playground Soil	0.2393	0.2578	0.2705	0.0	0.4354	0.6590
	11	11	11	11	11	11
LF	0.27510	0.07153	0.37964	-0.26256	1.00000	0.53370
Liquid Food	0.3630	0.8164	0.2007	0.4354	0.0	0.0603
	13	13	13	11	13	13
SF	0.20879	-0.16484	0.18681	-0.15034	0.53370	1.00000
Solid Food	0.4936	0.5905	0.5411	0.6590	0.0603	0.0
	13	13	13	11	13	13

Table O-3. Spearman Correlation Coefficients between Media for Target Phthalate Esters

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.21429	-0.18132	0.30000	-0.27473	0.31319
Indoor Air	0.0	0.4821	0.5533	0.3701	0.3637	0.2974
	13	13	13	11	13	13
OA	-0.21429	1.00000	-0.01099	0.40909	0.04396	-0.62088
Outdoor Air	0.4821	0.0	0.9716	0.2115	0.8866	0.0235
	13	13	13	11	13	13
HD	-0.18132	-0.01099	1.00000	0.09091	0.20330	0.24176
Floor Dust (HVS3)	0.5533	0.9716	0.0	0.7904	0.5053	0.4262
	13	13	13	11	13	13
PS	0.30000	0.40909	0.09091	1.00000	0.33636	-0.00909
Playground Soil	0.3701	0.2115	0.7904	0.0	0.3118	0.9788
	11	11	11	11	11	11
LF	-0.27473	0.04396	0.20330	0.33636	1.00000	-0.20879
Liquid Food	0.3637	0.8866	0.5053	0.3118	0.0	0.4936
	13	13	13	11	13	13
SF	0.31319	-0.62088	0.24176	-0.00909	-0.20879	1.00000
Solid Food	0.2974	0.0235	0.4262	0.9788	0.4936	0.0
	13	13	13	11	13	13

Table O-4. Spearman Correlation Coefficients between Media for Benzylbutylphthalate

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.02747	-0.07143	0.61048	-0.09890	0.30220
Indoor Air	0.0	0.9290	0.8166	0.0461	0.7479	0.3156
	13	13	13	11	13	13
OA	-0.02747	1.00000	-0.09890	0.46925	0.01099	-0.70330
Outdoor Air	0.9290	0.0	0.7479	0.1454	0.9716	0.0073
	13	13	13	11	13	13
HD	-0.07143	-0.09890	1.00000	0.24601	0.59890	0.02198
Floor Dust (HVS3)	0.8166	0.7479	0.0	0.4659	0.0306	0.9432
	13	13	13	11	13	13
PS	0.61048	0.46925	0.24601	1.00000	0.09567	-0.06378
Playground Soil	0.0461	0.1454	0.4659	0.0	0.7796	0.8522
	11	11	11	11	11	11
LF	-0.09890	0.01099	0.59890	0.09567	1.00000	-0.34615
Liquid Food	0.7479	0.9716	0.0306	0.7796	0.0	0.2466
	13	13	13	11	13	13
SF	0.30220	-0.70330	0.02198	-0.06378	-0.34615	1.00000
Solid Food	0.3156	0.0073	0.9432	0.8522	0.2466	0.0
	13	13	13	11	13	13

Table O-5. Spearman Correlation Coefficients between Media for Target OP Pesticides

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.19780	0.84615	0.22386	-0.06040	0.21978
Indoor Air	0.0	0.5171	0.0003	0.5082	0.8446	0.4706
	13	13	13	11	13	13
OA	0.19780	1.00000	0.15934	0.40508	-0.46977	-0.12637
Outdoor Air	0.5171	0.0	0.6031	0.2165	0.1053	0.6808
	13	13	13	11	13	13
HD	0.84615	0.15934	1.00000	0.33046	-0.09395	0.38462
Floor Dust (HVS3)	0.0003	0.6031	0.0	0.3209	0.7601	0.1944
	13	13	13	11	13	13
PS	0.22386	0.40508	0.33046	1.00000	-0.54325	0.18122
Playground Soil	0.5082	0.2165	0.3209	0.0	0.0842	0.5939
	11	11	11	11	11	11
LF	-0.06040	-0.46977	-0.09395	-0.54325	1.00000	0.38924
Liquid Food	0.8446	0.1053	0.7601	0.0842	0.0	0.1887
	13	13	13	11	13	13
SF	0.21978	-0.12637	0.38462	0.18122	0.38924	1.00000
Solid Food	0.4706	0.6808	0.1944	0.5939	0.1887	0.0
	13	13	13	11	13	13

Table O-6. Spearman Correlation Coefficients between Media for Chlorpyrifos

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.34066	0.81319	0.40000	-0.25334	0.15934
Indoor Air	0.0	0.2547	0.0007	0.2229	0.4036	0.6031
	13	13	13	11	13	13
OA	0.34066	1.00000	0.13187	0.40000	-0.49794	-0.25275
Outdoor Air	0.2547	0.0	0.6676	0.2229	0.0833	0.4048
	13	13	13	11	13	13
HD	0.81319	0.13187	1.00000	0.30000	-0.13977	0.32967
Floor Dust (HVS3)	0.0007	0.6676	0.0	0.3701	0.6488	0.2713
	13	13	13	11	13	13
PS	0.40000	0.40000	0.30000	1.00000	-0.14832	0.10000
Playground Soil	0.2229	0.2229	0.3701	0.0	0.6634	0.7699
	11	11	11	11	11	11
LF	-0.25334	-0.49794	-0.13977	-0.14832	1.00000	0.50667
Liquid Food	0.4036	0.0833	0.6488	0.6634	0.0	0.0772
	13	13	13	11	13	13
SF	0.15934	-0.25275	0.32967	0.10000	0.50667	1.00000
Solid Food	0.6031	0.4048	0.2713	0.7699	0.0772	0.0
	13	13	13	11	13	13

Table O-7. Spearman Correlation Coefficients between Media for Target OC Pesticides

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.65934	0.81319	-0.00933	-0.19890	0.55880
Indoor Air	0.0	0.0142	0.0007	0.9783	0.5148	0.0471
	13	13	13	11	13	13
OA	0.65934	1.00000	0.46703	0.17721	0.12707	0.31259
Outdoor Air	0.0142	0.0	0.1076	0.6022	0.6791	0.2984
	13	13	13	11	13	13
HD	0.81319	0.46703	1.00000	0.29380	0.00552	0.45091
Floor Dust (HVS3)	0.0007	0.1076	0.0	0.3805	0.9857	0.1220
	13	13	13	11	13	13
PS	-0.00933	0.17721	0.29380	1.00000	0.10825	0.28069
Playground Soil	0.9783	0.6022	0.3805	0.0	0.7514	0.4031
	11	11	11	11	11	11
LF	-0.19890	0.12707	0.00552	0.10825	1.00000	-0.18915
Liquid Food	0.5148	0.6791	0.9857	0.7514	0.0	0.5360
	13	13	13	11	13	13
SF	0.55880	0.31259	0.45091	0.28069	-0.18915	1.00000
Solid Food	0.0471	0.2984	0.1220	0.4031	0.5360	0.0
	13	13	13	11	13	13

Table O-8. Spearman Correlation Coefficients between Media for Target PCB

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.58242	0.27473	0.05203	-0.10650	-0.38433
Indoor Air	0.0	0.0367	0.3637	0.8792	0.7291	0.1948
	13	13	13	11	13	13
OA	0.58242	1.00000	-0.01099	0.42203	0.17854	-0.44790
Outdoor Air	0.0367	0.0	0.9716	0.1960	0.5595	0.1248
	13	13	13	11	13	13
HD	0.27473	-0.01099	1.00000	-0.23703	0.05012	-0.14448
Floor Dust (HVS3)	0.3637	0.9716	0.0	0.4828	0.8708	0.6377
	13	13	13	11	13	13
PS	0.05203	0.42203	-0.23703	1.00000	-0.36397	0.20616
Playground Soil	0.8792	0.1960	0.4828	0.0	0.2712	0.5431
	11	11	11	11	11	11
LF	-0.10650	0.17854	0.05012	-0.36397	1.00000	0.05601
Liquid Food	0.7291	0.5595	0.8708	0.2712	0.0	0.8558
	13	13	13	11	13	13
SF	-0.38433	-0.44790	-0.14448	0.20616	0.05601	1.00000
Solid Food	0.1948	0.1248	0.6377	0.5431	0.8558	0.0
	13	13	13	11	13	13

Table O-9. Spearman Correlation Coefficients between Media for Target Phenols

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.17033	0.00000	0.31435	0.20347	0.30769
Indoor Air	0.0	0.5780	1.0000	0.3465	0.5049	0.3064
	13	13	13	11	13	13
OA	0.17033	1.00000	0.32967	-0.45103	-0.11869	-0.30220
Outdoor Air	0.5780	0.0	0.2713	0.1638	0.6994	0.3156
	13	13	13	11	13	13
HD	0.00000	0.32967	1.00000	-0.60592	0.61041	-0.33516
Floor Dust (HVS3)	1.0000	0.2713	0.0	0.0482	0.0267	0.2629
	13	13	13	11	13	13
PS	0.31435	-0.45103	-0.60592	1.00000	-0.42048	0.27791
Playground Soil	0.3465	0.1638	0.0482	0.0	0.1979	0.4080
	11	11	11	11	11	11
LF	0.20347	-0.11869	0.61041	-0.42048	1.00000	-0.03956
Liquid Food	0.5049	0.6994	0.0267	0.1979	0.0	0.8979
	13	13	13	11	13	13
SF	0.30769	-0.30220	-0.33516	0.27791	-0.03956	1.00000
Solid Food	0.3064	0.3156	0.2629	0.4080	0.8979	0.0
	13	13	13	11	13	13

Table O-10. Spearman Correlation Coefficients between Media for Bisphenol-A

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.14765	0.00549	-0.01870	-0.41034	0.52545
Indoor Air	0.0	0.6303	0.9858	0.9565	0.1637	0.0652
	13	13	13	11	13	13
OA	-0.14765	1.00000	0.25908	-0.07895	-0.10164	-0.13251
Outdoor Air	0.6303	0.0	0.3927	0.8175	0.7411	0.6661
	13	13	13	11	13	13
HD	0.00549	0.25908	1.00000	0.11219	-0.26312	-0.07703
Floor Dust (HVS3)	0.9858	0.3927	0.0	0.7426	0.3851	0.8025
	13	13	13	11	13	13
PS	-0.01870	-0.07895	0.11219	1.00000	0.31403	0.49899
Playground Soil	0.9565	0.8175	0.7426	0.0	0.3470	0.1182
	11	11	11	11	11	11
LF	-0.41034	-0.10164	-0.26312	0.31403	1.00000	0.17095
Liquid Food	0.1637	0.7411	0.3851	0.3470	0.0	0.5766
	13	13	13	11	13	13
SF	0.52545	-0.13251	-0.07703	0.49899	0.17095	1.00000
Solid Food	0.0652	0.6661	0.8025	0.1182	0.5766	0.0
	13	13	13	11	13	13

Table O-11. Spearman Correlation Coefficients between Media for 2,4-D

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.22448	-0.15977	0.17498	0.08546	0.06533
Indoor Air	0.0	0.4609	0.6021	0.6068	0.7813	0.8321
	13	13	13	11	13	13
OA	0.22448	1.00000	0.43679	0.05534	-0.13104	0.83884
Outdoor Air	0.4609	0.0	0.1356	0.8716	0.6696	0.0003
	13	13	13	11	13	13
HD	-0.15977	0.43679	1.00000	0.37775	-0.62637	0.47187
Floor Dust (HVS3)	0.6021	0.1356	0.0	0.2521	0.0220	0.1035
	13	13	13	11	13	13
PS	0.17498	0.05534	0.37775	1.00000	-0.73218	0.17293
Playground Soil	0.6068	0.8716	0.2521	0.0	0.0104	0.6111
	11	11	11	11	11	11
LF	0.08546	-0.13104	-0.62637	-0.73218	1.00000	-0.14862
Liquid Food	0.7813	0.6696	0.0220	0.0104	0.0	0.6280
	13	13	13	11	13	13
SF	0.06533	0.83884	0.47187	0.17293	-0.14862	1.00000
Solid Food	0.8321	0.0003	0.1035	0.6111	0.6280	0.0
	13	13	13	11	13	13

Table O-12. Pearson Correlation Coefficients between Media for B2 PAH

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.55663	-0.11570	0.26538	-0.20724	.
Indoor Air	0.0	0.0482	0.7066	0.4303	0.4969	.
	13	13	13	11	13	13
OA	0.55663	1.00000	0.17371	0.54596	0.21111	.
Outdoor Air	0.0482	0.0	0.5703	0.0823	0.4887	.
	13	13	13	11	13	13
HD	-0.11570	0.17371	1.00000	0.39816	0.12908	.
Floor Dust (HVS3)	0.7066	0.5703	0.0	0.2252	0.6743	.
	13	13	13	11	13	13
PS	0.26538	0.54596	0.39816	1.00000	-0.20234	.
Playground Soil	0.4303	0.0823	0.2252	0.0	0.5507	.
	11	11	11	11	11	11
						.
LF	-0.20724	0.21111	0.12908	-0.20234	1.00000	.
Liquid Food	0.4969	0.4887	0.6743	0.5507	0.0	.
	13	13	13	11	13	13
SF	.	.	.	.	.	.
Solid Food	.	.	.	.	.	.
	13	13	13	11	13	13

Table O-13. Pearson Correlation Coefficients between Media for Target PAH

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.02513	0.88404	0.31982	0.42809	0.37048
Indoor Air	0.0	0.9351	0.0001	0.3377	0.1445	0.2127
	13	13	13	11	13	13
OA	-0.02513	1.00000	0.40019	0.27189	0.13973	-0.22531
Outdoor Air	0.9351	0.0	0.1754	0.4186	0.6489	0.4592
	13	13	13	11	13	13
HD	0.88404	0.40019	1.00000	0.40589	0.47628	0.25441
Floor Dust (HVS3)	0.0001	0.1754	0.0	0.2155	0.0999	0.4016
	13	13	13	11	13	13
PS	0.31982	0.27189	0.40589	1.00000	-0.04742	-0.05982
Playground Soil	0.3377	0.4186	0.2155	0.0	0.8899	0.8613
	11	11	11	11	11	11
LF	0.42809	0.13973	0.47628	-0.04742	1.00000	0.54824
Liquid Food	0.1445	0.6489	0.0999	0.8899	0.0	0.0524
	13	13	13	11	13	13
SF	0.37048	-0.22531	0.25441	-0.05982	0.54824	1.00000
Solid Food	0.2127	0.4592	0.4016	0.8613	0.0524	0.0
	13	13	13	11	13	13

Table O-14. Pearson Correlation Coefficients between Media for Target Phthalate Esters

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.22002	-0.48481	0.02823	-0.24105	0.29628
Indoor Air	0.0	0.4701	0.0931	0.9343	0.4276	0.3256
	13	13	13	11	13	13
OA	-0.22002	1.00000	-0.18480	0.10746	-0.03695	-0.48186
Outdoor Air	0.4701	0.0	0.5456	0.7531	0.9046	0.0954
	13	13	13	11	13	13
HD	-0.48481	-0.18480	1.00000	0.31222	0.17349	0.28058
Floor Dust (HVS3)	0.0931	0.5456	0.0	0.3499	0.5708	0.3531
	13	13	13	11	13	13
PS	0.02823	0.10746	0.31222	1.00000	0.32125	-0.10717
Playground Soil	0.9343	0.7531	0.3499	0.0	0.3354	0.7538
	11	11	11	11	11	11
LF	-0.24105	-0.03695	0.17349	0.32125	1.00000	-0.12488
Liquid Food	0.4276	0.9046	0.5708	0.3354	0.0	0.6844
	13	13	13	11	13	13
SF	0.29628	-0.48186	0.28058	-0.10717	-0.12488	1.00000
Solid Food	0.3256	0.0954	0.3531	0.7538	0.6844	0.0
	13	13	13	11	13	13

Table O-15. Pearson Correlation Coefficients between Media for Benzylbutylphthalate

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	-0.15628	-0.18355	0.48460	-0.28400	0.21567
Indoor Air	0.0	0.6101	0.5483	0.1309	0.3470	0.4792
	13	13	13	11	13	13
OA	-0.15628	1.00000	-0.26225	0.10190	-0.11378	-0.45193
Outdoor Air	0.6101	0.0	0.3867	0.7656	0.7113	0.1211
	13	13	13	11	13	13
HD	-0.18355	-0.26225	1.00000	0.51598	0.17362	0.27322
Floor Dust (HVS3)	0.5483	0.3867	0.0	0.1042	0.5705	0.3664
	13	13	13	11	13	13
PS	0.48460	0.10190	0.51598	1.00000	0.10617	-0.04561
Playground Soil	0.1309	0.7656	0.1042	0.0	0.7560	0.8941
	11	11	11	11	11	11
LF	-0.28400	-0.11378	0.17362	0.10617	1.00000	-0.52219
Liquid Food	0.3470	0.7113	0.5705	0.7560	0.0	0.0672
	13	13	13	11	13	13
SF	0.21567	-0.45193	0.27322	-0.04561	-0.52219	1.00000
Solid Food	0.4792	0.1211	0.3664	0.8941	0.0672	0.0
	13	13	13	11	13	13

Table O-16. Pearson Correlation Coefficients between Media for Target OP Pesticides

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.11425	0.89234	0.23194	-0.03854	0.30675
Indoor Air	0.0	0.7102	0.0001	0.4925	0.9005	0.3080
	13	13	13	11	13	13
OA	0.11425	1.00000	0.10780	0.29376	-0.48172	-0.22075
Outdoor Air	0.7102	0.0	0.7259	0.3806	0.0955	0.4686
	13	13	13	11	13	13
HD	0.89234	0.10780	1.00000	0.29112	-0.14143	0.38741
Floor Dust (HVS3)	0.0001	0.7259	0.0	0.3851	0.6449	0.1909
	13	13	13	11	13	13
PS	0.23194	0.29376	0.29112	1.00000	-0.44607	0.24292
Playground Soil	0.4925	0.3806	0.3851	0.0	0.1691	0.4717
	11	11	11	11	11	11
LF	-0.03854	-0.48172	-0.14143	-0.44607	1.00000	0.36526
Liquid Food	0.9005	0.0955	0.6449	0.1691	0.0	0.2197
	13	13	13	11	13	13
SF	0.30675	-0.22075	0.38741	0.24292	0.36526	1.00000
Solid Food	0.3080	0.4686	0.1909	0.4717	0.2197	0.0
	13	13	13	11	13	13

Table O-17. Pearson Correlation Coefficients between Media for Chlorpyrifos

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.02563	0.91052	0.34138	-0.19128	0.26126
Indoor Air	0.0	0.9338	0.0001	0.3042	0.5313	0.3886
	13	13	13	11	13	13
OA	0.02563	1.00000	0.05277	0.33355	-0.44163	-0.29289
Outdoor Air	0.9338	0.0	0.8641	0.3161	0.1308	0.3315
	13	13	13	11	13	13
HD	0.91052	0.05277	1.00000	0.30613	-0.16644	0.37313
Floor Dust (HVS3)	0.0001	0.8641	0.0	0.3599	0.5868	0.2092
	13	13	13	11	13	13
PS	0.34138	0.33355	0.30613	1.00000	-0.14863	0.16736
Playground Soil	0.3042	0.3161	0.3599	0.0	0.6627	0.6228
	11	11	11	11	11	11
LF	-0.19128	-0.44163	-0.16644	-0.14863	1.00000	0.47779
Liquid Food	0.5313	0.1308	0.5868	0.6627	0.0	0.0987
	13	13	13	11	13	13
SF	0.26126	-0.29289	0.37313	0.16736	0.47779	1.00000
Solid Food	0.3886	0.3315	0.2092	0.6228	0.0987	0.0
	13	13	13	11	13	13

Table O-18. Pearson Correlation Coefficients between Media for Target OC Pesticides

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.75417	0.81845	0.25197	-0.23614	0.56807
Indoor Air	0.0	0.0029	0.0006	0.4548	0.4373	0.0428
	13	13	13	11	13	13
OA	0.75417	1.00000	0.43831	0.20743	-0.25862	0.38925
Outdoor Air	0.0029	0.0	0.1341	0.5405	0.3936	0.1886
	13	13	13	11	13	13
HD	0.81845	0.43831	1.00000	0.43993	-0.00558	0.44661
Floor Dust (HVS3)	0.0006	0.1341	0.0	0.1757	0.9856	0.1260
	13	13	13	11	13	13
PS	0.25197	0.20743	0.43993	1.00000	0.24957	0.31716
Playground Soil	0.4548	0.5405	0.1757	0.0	0.4592	0.3419
	11	11	11	11	11	11
LF	-0.23614	-0.25862	-0.00558	0.24957	1.00000	-0.14563
Liquid Food	0.4373	0.3936	0.9856	0.4592	0.0	0.6350
	13	13	13	11	13	13
SF	0.56807	0.38925	0.44661	0.31716	-0.14563	1.00000
Solid Food	0.0428	0.1886	0.1260	0.3419	0.6350	0.0
	13	13	13	11	13	13

Table O-19. Pearson Correlation Coefficients between Media for Target PCB

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.58266	0.28572	-0.13984	0.01832	-0.46218
Indoor Air	0.0	0.0366	0.3440	0.6817	0.9526	0.1118
	13	13	13	11	13	13
OA	0.58266	1.00000	0.07290	0.30719	0.27616	-0.41462
Outdoor Air	0.0366	0.0	0.8129	0.3581	0.3611	0.1589
	13	13	13	11	13	13
HD	0.28572	0.07290	1.00000	-0.18906	0.11025	-0.12586
Floor Dust (HVS3)	0.3440	0.8129	0.0	0.5777	0.7199	0.6820
	13	13	13	11	13	13
PS	-0.13984	0.30719	-0.18906	1.00000	-0.32809	0.38583
Playground Soil	0.6817	0.3581	0.5777	0.0	0.3246	0.2412
	11	11	11	11	11	11
LF	0.01832	0.27616	0.11025	-0.32809	1.00000	0.08018
Liquid Food	0.9526	0.3611	0.7199	0.3246	0.0	0.7946
	13	13	13	11	13	13
SF	-0.46218	-0.41462	-0.12586	0.38583	0.08018	1.00000
Solid Food	0.1118	0.1589	0.6820	0.2412	0.7946	0.0
	13	13	13	11	13	13

Table O-20. Pearson Correlation Coefficients between Media for Target Phenols

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.07849	0.16548	0.02898	0.16003	0.29791
Indoor Air	0.0	0.7988	0.5890	0.9326	0.6015	0.3229
	13	13	13	11	13	13
OA	0.07849	1.00000	0.47847	-0.48278	-0.05098	-0.37933
Outdoor Air	0.7988	0.0	0.0981	0.1325	0.8686	0.2011
	13	13	13	11	13	13
HD	0.16548	0.47847	1.00000	-0.34696	0.60950	-0.31243
Floor Dust (HVS3)	0.5890	0.0981	0.0	0.2959	0.0270	0.2987
	13	13	13	11	13	13
PS	0.02898	-0.48278	-0.34696	1.00000	-0.34844	0.36865
Playground Soil	0.9326	0.1325	0.2959	0.0	0.2937	0.2646
	11	11	11	11	11	11
LF	0.16003	-0.05098	0.60950	-0.34844	1.00000	-0.11145
Liquid Food	0.6015	0.8686	0.0270	0.2937	0.0	0.7170
	13	13	13	11	13	13
SF	0.29791	-0.37933	-0.31243	0.36865	-0.11145	1.00000
Solid Food	0.3229	0.2011	0.2987	0.2646	0.7170	0.0
	13	13	13	11	13	13

Table O-21. Pearson Correlation Coefficients between Media for Bisphenol-A

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.16439	-0.14502	-0.02507	-0.12559	0.41777
Indoor Air	0.0	0.5915	0.6364	0.9417	0.6827	0.1555
	13	13	13	11	13	13
OA	0.16439	1.00000	0.13764	-0.07295	-0.24606	-0.24822
Outdoor Air	0.5915	0.0	0.6539	0.8312	0.4177	0.4135
	13	13	13	11	13	13
HD	-0.14502	0.13764	1.00000	0.03943	-0.21303	-0.04409
Floor Dust (HVS3)	0.6364	0.6539	0.0	0.9084	0.4847	0.8863
	13	13	13	11	13	13
PS	-0.02507	-0.07295	0.03943	1.00000	0.11713	0.62883
Playground Soil	0.9417	0.8312	0.9084	0.0	0.7316	0.0382
	11	11	11	11	11	11
LF	-0.12559	-0.24606	-0.21303	0.11713	1.00000	-0.10740
Liquid Food	0.6827	0.4177	0.4847	0.7316	0.0	0.7269
	13	13	13	11	13	13
SF	0.41777	-0.24822	-0.04409	0.62883	-0.10740	1.00000
Solid Food	0.1555	0.4135	0.8863	0.0382	0.7269	0.0
	13	13	13	11	13	13

Table O-22. Pearson Correlation Coefficients between Media for 2,4-D

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	IA	OA	HD	PS	LF	SF
IA	1.00000	0.04321	-0.27883	0.18602	0.12163	-0.10776
Indoor Air	0.0	0.8885	0.3563	0.5839	0.6922	0.7260
	13	13	13	11	13	13
OA	0.04321	1.00000	0.27686	-0.18953	-0.05939	0.75371
Outdoor Air	0.8885	0.0	0.3598	0.5767	0.8472	0.0029
	13	13	13	11	13	13
HD	-0.27883	0.27686	1.00000	0.38320	-0.71916	0.55317
Floor Dust (HVS3)	0.3563	0.3598	0.0	0.2447	0.0056	0.0499
	13	13	13	11	13	13
PS	0.18602	-0.18953	0.38320	1.00000	-0.70875	0.21005
Playground Soil	0.5839	0.5767	0.2447	0.0	0.0146	0.5353
	11	11	11	11	11	11
LF	0.12163	-0.05939	-0.71916	-0.70875	1.00000	-0.36500
Liquid Food	0.6922	0.8472	0.0056	0.0146	0.0	0.2201
	13	13	13	11	13	13
SF	-0.10776	0.75371	0.55317	0.21005	-0.36500	1.00000
Solid Food	0.7260	0.0029	0.0499	0.5353	0.2201	0.0
	13	13	13	11	13	13

APPENDIX P. SPEARMAN AND PEARSON CORRELATION COEFFICIENTS BETWEEN COMPOUND CLASSES IN MULTIMEDIA SAMPLES

Table P-1. Spearman Correlation Coefficients between Compound Classes For Indoor Air Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.36264	0.56593	0.35714	0.29121	0.17033	0.18681	0.00372
Sum of B2 PAH	0.0	0.2233	0.0438	0.2309	0.3344	0.5780	0.5411	0.9904
TOTALPAH	0.36264	1.00000	0.43956	0.31868	0.41209	-0.07143	-0.19231	-0.28610
Sum of Target PAH	0.2233	0.0	0.1329	0.2886	0.1618	0.8166	0.5291	0.3433
PE	0.56593	0.43956	1.00000	-0.02198	0.22527	0.25824	-0.00549	0.08546
Sum of Phthalate Esters	0.0438	0.1329	0.0	0.9432	0.4593	0.3943	0.9858	0.7813
OP	0.35714	0.31868	-0.02198	1.00000	0.72527	0.10440	-0.10440	-0.02972
Sum of OP Pesticides	0.2309	0.2886	0.9432	0.0	0.0050	0.7343	0.7343	0.9232
OC	0.29121	0.41209	0.22527	0.72527	1.00000	0.40110	0.28022	-0.15977
Sum of OC Pesticides	0.3344	0.1618	0.4593	0.0050	0.0	0.1744	0.3538	0.6021
PCB	0.17033	-0.07143	0.25824	0.10440	0.40110	1.00000	0.35714	-0.21550
Sum of PCB	0.5780	0.8166	0.3943	0.7343	0.1744	0.0	0.2309	0.4795
PH	0.18681	-0.19231	-0.00549	-0.10440	0.28022	0.35714	1.00000	0.12633
Sum of Phenols	0.5411	0.5291	0.9858	0.7343	0.3538	0.2309	0.0	0.6809
HA	0.00372	-0.28610	0.08546	-0.02972	-0.15977	-0.21550	0.12633	1.00000
Herbicide Acid (2,4-D)	0.9904	0.3433	0.7813	0.9232	0.6021	0.4795	0.6809	0.0

Table P-2. Spearman Correlation Coefficients between Compound Classes For Outdoor Air Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.11538	0.43407	-0.25824	0.40110	0.58242	-0.15934	0.55909
Sum of B2 PAH	0.0	0.7074	0.1383	0.3943	0.1744	0.0367	0.6031	0.0470
TOTALPAH	0.11538	1.00000	0.18681	-0.12088	-0.08242	-0.14286	-0.09890	-0.13977
Sum of Target PAH	0.7074	0.0	0.5411	0.6940	0.7890	0.6415	0.7479	0.6488
PE	0.43407	0.18681	1.00000	-0.29670	0.06593	0.69231	0.44505	0.20092
Sum of Phthalate Esters	0.1383	0.5411	0.0	0.3249	0.8305	0.0087	0.1275	0.5104
OP	-0.25824	-0.12088	-0.29670	1.00000	-0.25275	-0.66484	-0.03846	-0.31449
Sum of OP Pesticides	0.3943	0.6940	0.3249	0.0	0.4048	0.0132	0.9007	0.2953
OC	0.40110	-0.08242	0.06593	-0.25275	1.00000	0.40110	-0.45604	0.39311
Sum of OC Pesticides	0.1744	0.7890	0.8305	0.4048	0.0	0.1744	0.1173	0.1839
PCB	0.58242	-0.14286	0.69231	-0.66484	0.40110	1.00000	0.14835	0.46299
Sum of PCB	0.0367	0.6415	0.0087	0.0132	0.1744	0.0	0.6286	0.1111
PH	-0.15934	-0.09890	0.44505	-0.03846	-0.45604	0.14835	1.00000	0.10483
Sum of Phenols	0.6031	0.7479	0.1275	0.9007	0.1173	0.6286	0.0	0.7332
HA	0.55909	-0.13977	0.20092	-0.31449	0.39311	0.46299	0.10483	1.00000
Herbicide Acid (2,4-D)	0.0470	0.6488	0.5104	0.2953	0.1839	0.1111	0.7332	0.0

Table P-3. Spearman Correlation Coefficients between Compound Classes
For Floor Dust (HVS3) Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.99451	0.04396	0.44505	0.47253	0.50549	-0.30220	-0.58791
Sum of B2 PAH	0.0	0.0001	0.8866	0.1275	0.1030	0.0780	0.3156	0.0346
TOTALPAH	0.99451	1.00000	0.03297	0.41209	0.43956	0.53846	-0.25824	-0.54945
Sum of Target PAH	0.0001	0.0	0.9149	0.1618	0.1329	0.0576	0.3943	0.0518
PE	0.04396	0.03297	1.00000	0.30220	-0.01648	0.37912	0.34066	0.08791
Sum of Phthalate Esters	0.8866	0.9149	0.0	0.3156	0.9574	0.2014	0.2547	0.7752
OP	0.44505	0.41209	0.30220	1.00000	0.81868	0.35165	-0.07143	0.00000
Sum of OP Pesticides	0.1275	0.1618	0.3156	0.0	0.0006	0.2387	0.8166	1.0000
OC	0.47253	0.43956	-0.01648	0.81868	1.00000	0.23077	-0.40110	-0.09890
Sum of OC Pesticides	0.1030	0.1329	0.9574	0.0006	0.0	0.4481	0.1744	0.7479
PCB	0.50549	0.53846	0.37912	0.35165	0.23077	1.00000	0.25275	0.01099
Sum of PCB	0.0780	0.0576	0.2014	0.2387	0.4481	0.0	0.4048	0.9716
PH	-0.30220	-0.25824	0.34066	-0.07143	-0.40110	0.25275	1.00000	0.33516
Sum of Phenols	0.3156	0.3943	0.2547	0.8166	0.1744	0.4048	0.0	0.2629
HA	-0.58791	-0.54945	0.08791	0.00000	-0.09890	0.01099	0.33516	1.00000
Herbicide Acid (2,4-D)	0.0346	0.0518	0.7752	1.0000	0.7479	0.9716	0.2629	0.0

Table P-4. Spearman Correlation Coefficients between Compound Classes
For Playground Soil Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 11

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.98402	0.07745	0.32587	0.00935	0.31290	-0.08219	0.09816
Sum of B2 PAH	0.0	0.0001	0.8209	0.3281	0.9782	0.3488	0.8101	0.7740
TOTALPAH	0.98402	1.00000	0.18679	0.24574	0.11685	0.38822	-0.01370	0.14724
Sum of Target PAH	0.0001	0.0	0.5824	0.4664	0.7322	0.2381	0.9681	0.6657
PE	0.07745	0.18679	1.00000	-0.07462	0.65290	0.37000	0.23235	0.01865
Sum of Phthalate Esters	0.8209	0.5824	0.0	0.8274	0.0294	0.2627	0.4918	0.9566
OP	0.32587	0.24574	-0.07462	1.00000	-0.21874	-0.44742	0.14424	0.03828
Sum of OP Pesticides	0.3281	0.4664	0.8274	0.0	0.5182	0.1676	0.6722	0.9110
OC	0.00935	0.11685	0.65290	-0.21874	1.00000	0.60797	0.66607	0.71292
Sum of OC Pesticides	0.9782	0.7322	0.0294	0.5182	0.0	0.0472	0.0252	0.0138
PCB	0.31290	0.38822	0.37000	-0.44742	0.60797	1.00000	0.15645	0.32919
Sum of PCB	0.3488	0.2381	0.2627	0.1676	0.0472	0.0	0.6460	0.3229
PH	-0.08219	-0.01370	0.23235	0.14424	0.66607	0.15645	1.00000	0.68710
Sum of Phenols	0.8101	0.9681	0.4918	0.6722	0.0252	0.6460	0.0	0.0195
HA	0.09816	0.14724	0.01865	0.03828	0.71292	0.32919	0.68710	1.00000
Herbicide Acid (2,4-D)	0.7740	0.6657	0.9566	0.9110	0.0138	0.3229	0.0195	0.0

Table P-5. Spearman Correlation Coefficients between Compound Classes For Liquid Food Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.46508	0.05202	0.29044	-0.10835	-0.41305	-0.04586	0.15234
Sum of B2 PAH	0.0	0.1093	0.8660	0.3357	0.7246	0.1607	0.8817	0.6193
TOTALPAH	0.46508	1.00000	-0.06602	-0.19489	0.01660	-0.05960	0.45844	-0.36039
Sum of Target PAH	0.1093	0.0	0.8303	0.5235	0.9571	0.8466	0.1151	0.2264
PE	0.05202	-0.06602	1.00000	0.18791	-0.14917	-0.65779	0.13565	0.15385
Sum of Phthalate Esters	0.8660	0.8303	0.0	0.5387	0.6267	0.0145	0.6586	0.6158
OP	0.29044	-0.19489	0.18791	1.00000	0.37115	-0.49736	-0.28303	0.03355
Sum of OP Pesticides	0.3357	0.5235	0.5387	0.0	0.2118	0.0838	0.3487	0.9133
OC	-0.10835	0.01660	-0.14917	0.37115	1.00000	0.02205	0.48308	0.01105
Sum of OC Pesticides	0.7246	0.9571	0.6267	0.2118	0.0	0.9430	0.0945	0.9714
PCB	-0.41305	-0.05960	-0.65779	-0.49736	0.02205	1.00000	0.16755	-0.01253
Sum of PCB	0.1607	0.8466	0.0145	0.0838	0.9430	0.0	0.5843	0.9676
PH	-0.04586	0.45844	0.13565	-0.28303	0.48308	0.16755	1.00000	-0.05087
Sum of Phenols	0.8817	0.1151	0.6586	0.3487	0.0945	0.5843	0.0	0.8689
HA	0.15234	-0.36039	0.15385	0.03355	0.01105	-0.01253	-0.05087	1.00000
Herbicide Acid (2,4-D)	0.6193	0.2264	0.6158	0.9133	0.9714	0.9676	0.8689	0.0

Table P-6. Spearman Correlation Coefficients between Compound Classes For Solid Food Samples

Spearman Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	.	.	.	.	.	.	.	.
Sum of B2 PAH	.	.	.	.	.	.	.	.
TOTALPAH	.	1.00000	0.71429	-0.01648	0.02490	-0.09825	0.37363	0.08917
Sum of Target PAH	.	0.0	0.0061	0.9574	0.9357	0.7495	0.2086	0.7720
PE	.	0.71429	1.00000	0.15934	0.01383	0.20228	0.24176	0.18578
Sum of Phthalate Esters	.	0.0061	0.0	0.6031	0.9642	0.5075	0.4262	0.5434
OP	.	-0.01648	0.15934	1.00000	0.04426	0.10114	0.01648	0.13376
Sum of OP Pesticides	.	0.9574	0.6031	0.0	0.8858	0.7423	0.9574	0.6631
OC	.	0.02490	0.01383	0.04426	1.00000	0.03928	0.14661	-0.14404
Sum of OC Pesticides	.	0.9357	0.9642	0.8858	0.0	0.8986	0.6327	0.6387
PCB	.	-0.09825	0.20228	0.10114	0.03928	1.00000	0.13293	0.14265
Sum of PCB	.	0.7495	0.5075	0.7423	0.8986	0.0	0.6651	0.6420
PH	.	0.37363	0.24176	0.01648	0.14661	0.13293	1.00000	0.11518
Sum of Phenols	.	0.2086	0.4262	0.9574	0.6327	0.6651	0.0	0.7079
HA	.	0.08917	0.18578	0.13376	-0.14404	0.14265	0.11518	1.00000
Herbicide Acid (2,4-D)	.	0.7720	0.5434	0.6631	0.6387	0.6420	0.7079	0.0

Table P-7. Pearson Correlation Coefficients between Compound Classes For Indoor Air Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.08809	0.30967	0.19823	0.20491	0.02244	0.07697	-0.04766
Sum of B2 PAH	0.0	0.7748	0.3032	0.5162	0.5019	0.9420	0.8026	0.8771
TOTALPAH	0.08809	1.00000	0.50810	0.20834	0.37223	-0.06682	0.10326	-0.25488
Sum of Target PAH	0.7748	0.0	0.0763	0.4946	0.2104	0.8283	0.7371	0.4007
PE	0.30967	0.50810	1.00000	-0.18592	0.30519	0.24900	-0.04673	0.05892
Sum of Phthalate Esters	0.3032	0.0763	0.0	0.5431	0.3106	0.4120	0.8795	0.8484
OP	0.19823	0.20834	-0.18592	1.00000	0.66403	0.12495	0.05999	0.02182
Sum of OP Pesticides	0.5162	0.4946	0.5431	0.0	0.0133	0.6842	0.8456	0.9436
OC	0.20491	0.37223	0.30519	0.66403	1.00000	0.37847	0.38140	0.04323
Sum of OC Pesticides	0.5019	0.2104	0.3106	0.0133	0.0	0.2022	0.1985	0.8885
PCB	0.02244	-0.06682	0.24900	0.12495	0.37847	1.00000	0.44088	-0.35981
Sum of PCB	0.9420	0.8283	0.4120	0.6842	0.2022	0.0	0.1316	0.2272
PH	0.07697	0.10326	-0.04673	0.05999	0.38140	0.44088	1.00000	-0.30038
Sum of Phenols	0.8026	0.7371	0.8795	0.8456	0.1985	0.1316	0.0	0.3187
HA	-0.04766	-0.25488	0.05892	0.02182	0.04323	-0.35981	-0.30038	1.00000
Herbicide Acid (2,4-D)	0.8771	0.4007	0.8484	0.9436	0.8885	0.2272	0.3187	0.0

Table P-8. Pearson Correlation Coefficients between Compound Classes For Outdoor Air Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	-0.12034	0.36539	-0.29491	0.33948	0.57419	-0.27960	0.40217
Sum of B2 PAH	0.0	0.6954	0.2196	0.3280	0.2565	0.0401	0.3549	0.1731
TOTALPAH	-0.12034	1.00000	-0.00153	-0.26733	0.01425	-0.11725	-0.02774	-0.00396
Sum of Target PAH	0.6954	0.0	0.9961	0.3772	0.9631	0.7028	0.9283	0.9898
PE	0.36539	-0.00153	1.00000	-0.28604	0.08611	0.65630	0.25291	0.17225
Sum of Phthalate Esters	0.2196	0.9961	0.0	0.3434	0.7797	0.0148	0.4045	0.5736
OP	-0.29491	-0.26733	-0.28604	1.00000	-0.20858	-0.63335	-0.08950	-0.55406
Sum of OP Pesticides	0.3280	0.3772	0.3434	0.0	0.4941	0.0201	0.7712	0.0494
OC	0.33948	0.01425	0.08611	-0.20858	1.00000	0.21945	-0.49237	0.15902
Sum of OC Pesticides	0.2565	0.9631	0.7797	0.4941	0.0	0.4713	0.0874	0.6038
PCB	0.57419	-0.11725	0.65630	-0.63335	0.21945	1.00000	0.19045	0.38742
Sum of PCB	0.0401	0.7028	0.0148	0.0201	0.4713	0.0	0.5331	0.1909
PH	-0.27960	-0.02774	0.25291	-0.08950	-0.49237	0.19045	1.00000	0.27543
Sum of Phenols	0.3549	0.9283	0.4045	0.7712	0.0874	0.5331	0.0	0.3624
HA	0.40217	-0.00396	0.17225	-0.55406	0.15902	0.38742	0.27543	1.00000
Herbicide Acid (2,4-D)	0.1731	0.9898	0.5736	0.0494	0.6038	0.1909	0.3624	0.0

Table P-9. Pearson Correlation Coefficients between Compound Classes
For Floor Dust (HVS3) Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.99900	-0.23384	0.34006	0.45497	0.51534	-0.31924	-0.53706
Sum of B2 PAH	0.0	0.0001	0.4419	0.2556	0.1183	0.0715	0.2877	0.0584
TOTALPAH	0.99900	1.00000	-0.24667	0.33704	0.46836	0.52603	-0.31956	-0.52599
Sum of Target PAH	0.0001	0.0	0.4165	0.2601	0.1065	0.0648	0.2872	0.0648
PE	-0.23384	-0.24667	1.00000	0.30390	-0.05570	0.25780	0.42707	0.24567
Sum of Phthalate Esters	0.4419	0.4165	0.0	0.3128	0.8566	0.3951	0.1455	0.4185
OP	0.34006	0.33704	0.30390	1.00000	0.71986	0.32998	-0.16719	-0.06581
Sum of OP Pesticides	0.2556	0.2601	0.3128	0.0	0.0055	0.2709	0.5851	0.8309
OC	0.45497	0.46836	-0.05570	0.71986	1.00000	0.40110	-0.54225	-0.03359
Sum of OC Pesticides	0.1183	0.1065	0.8566	0.0055	0.0	0.1744	0.0556	0.9133
PCB	0.51534	0.52603	0.25780	0.32998	0.40110	1.00000	0.28124	-0.09438
Sum of PCB	0.0715	0.0648	0.3951	0.2709	0.1744	0.0	0.3519	0.7591
PH	-0.31924	-0.31956	0.42707	-0.16719	-0.54225	0.28124	1.00000	0.15994
Sum of Phenols	0.2877	0.2872	0.1455	0.5851	0.0556	0.3519	0.0	0.6017
HA	-0.53706	-0.52599	0.24567	-0.06581	-0.03359	-0.09438	0.15994	1.00000
Herbicide Acid (2,4-D)	0.0584	0.0648	0.4185	0.8309	0.9133	0.7591	0.6017	0.0

Table P-10. Pearson Correlation Coefficients between Compound Classes
For Playground Soil Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 11

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.98872	0.35632	0.31840	0.15259	0.50853	0.08138	0.20599
Sum of B2 PAH	0.0	0.0001	0.2821	0.3399	0.6542	0.1102	0.8120	0.5434
TOTALPAH	0.98872	1.00000	0.37986	0.36907	0.25141	0.54771	0.14657	0.26642
Sum of Target PAH	0.0001	0.0	0.2492	0.2640	0.4558	0.0811	0.6672	0.4284
PE	0.35632	0.37986	1.00000	0.06577	0.24832	0.28196	-0.05822	-0.02393
Sum of Phthalate Esters	0.2821	0.2492	0.0	0.8476	0.4616	0.4009	0.8650	0.9443
OP	0.31840	0.36907	0.06577	1.00000	-0.20456	-0.33974	-0.01825	0.13902
Sum of OP Pesticides	0.3399	0.2640	0.8476	0.0	0.5463	0.3067	0.9575	0.6835
OC	0.15259	0.25141	0.24832	-0.20456	1.00000	0.77019	0.71116	0.62129
Sum of OC Pesticides	0.6542	0.4558	0.4616	0.5463	0.0	0.0055	0.0141	0.0413
PCB	0.50853	0.54771	0.28196	-0.33974	0.77019	1.00000	0.46929	0.42604
Sum of PCB	0.1102	0.0811	0.4009	0.3067	0.0055	0.0	0.1453	0.1914
PH	0.08138	0.14657	-0.05822	-0.01825	0.71116	0.46929	1.00000	0.49725
Sum of Phenols	0.8120	0.6672	0.8650	0.9575	0.0141	0.1453	0.0	0.1197
HA	0.20599	0.26642	-0.02393	0.13902	0.62129	0.42604	0.49725	1.00000
Herbicide Acid (2,4-D)	0.5434	0.4284	0.9443	0.6835	0.0413	0.1914	0.1197	0.0

Table P-11. Pearson Correlation Coefficients between Compound Classes For Liquid Food Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	1.00000	0.50886	-0.06771	0.19296	-0.19080	-0.37442	-0.23084	0.08074
Sum of B2 PAH	0.0	0.0758	0.8260	0.5277	0.5324	0.2075	0.4480	0.7932
TOTALPAH	0.50886	1.00000	0.04304	-0.18547	0.07584	-0.06795	0.35857	-0.28397
Sum of Target PAH	0.0758	0.0	0.8890	0.5441	0.8055	0.8254	0.2289	0.3471
PE	-0.06771	0.04304	1.00000	0.17768	-0.13575	-0.61788	0.36538	0.15207
Sum of Phthalate Esters	0.8260	0.8890	0.0	0.5614	0.6583	0.0244	0.2196	0.6199
OP	0.19296	-0.18547	0.17768	1.00000	0.22649	-0.47814	-0.26148	-0.05520
Sum of OP Pesticides	0.5277	0.5441	0.5614	0.0	0.4568	0.0984	0.3882	0.8579
OC	-0.19080	0.07584	-0.13575	0.22649	1.00000	0.17735	0.35843	0.03990
Sum of OC Pesticides	0.5324	0.8055	0.6583	0.4568	0.0	0.5622	0.2291	0.8970
PCB	-0.37442	-0.06795	-0.61788	-0.47814	0.17735	1.00000	0.20090	0.07894
Sum of PCB	0.2075	0.8254	0.0244	0.0984	0.5622	0.0	0.5104	0.7977
PH	-0.23084	0.35857	0.36538	-0.26148	0.35843	0.20090	1.00000	-0.02989
Sum of Phenols	0.4480	0.2289	0.2196	0.3882	0.2291	0.5104	0.0	0.9228
HA	0.08074	-0.28397	0.15207	-0.05520	0.03990	0.07894	-0.02989	1.00000
Herbicide Acid (2,4-D)	0.7932	0.3471	0.6199	0.8579	0.8970	0.7977	0.9228	0.0

Table P-12. Pearson Correlation Coefficients between Compound Classes For Solid Food Samples

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / N = 13

	B2PAH	TOTALPAH	PE	OP	OC	PCB	PH	HA
B2PAH	.	.	.	.	.	.	.	.
Sum of B2 PAH	.	.	.	.	.	.	.	.
TOTALPAH	.	1.00000	0.72974	0.01540	-0.01792	-0.06858	0.49932	0.19483
Sum of Target PAH	.	0.0	0.0046	0.9602	0.9537	0.8238	0.0824	0.5236
PE	.	0.72974	1.00000	0.15041	0.06748	0.29630	0.42757	0.40509
Sum of Phthalate Esters	.	0.0046	0.0	0.6238	0.8266	0.3256	0.1450	0.1697
OP	.	0.01540	0.15041	1.00000	0.08416	0.19563	0.07578	0.18597
Sum of OP Pesticides	.	0.9602	0.6238	0.0	0.7846	0.5218	0.8057	0.5430
OC	.	-0.01792	0.06748	0.08416	1.00000	0.11402	0.20163	-0.04907
Sum of OC Pesticides	.	0.9537	0.8266	0.7846	0.0	0.7107	0.5089	0.8735
PCB	.	-0.06858	0.29630	0.19563	0.11402	1.00000	0.24481	0.19697
Sum of PCB	.	0.8238	0.3256	0.5218	0.7107	0.0	0.4202	0.5189
PH	.	0.49932	0.42757	0.07578	0.20163	0.24481	1.00000	0.28113
Sum of Phenols	.	0.0824	0.1450	0.8057	0.5089	0.4202	0.0	0.3521
HA	.	0.19483	0.40509	0.18597	-0.04907	0.19697	0.28113	1.00000
Herbicide Acid (2,4-D)	.	0.5236	0.1697	0.5430	0.8735	0.5189	0.3521	0.0

APPENDIX Q. SUMMARY OF ANALYSIS OF VARIANCE RESULTS

Table Q-1. Analysis of Variance Results on Multimedia Samples Collected at Daycare Centers and Homes

Type	Compound	Media	Unit	Location	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
1 ENVIRONMENTAL	Sum of B2 PAH	1 IA	ng/m^3	daycare	4	0.608	1.099	
		1 IA	ng/m^3	home	9	0.672	1.265	
		2 OA	ng/m^3	daycare	4	0.549	1.157	
		2 OA	ng/m^3	home	9	0.497	1.216	
		3 HD	ppm	daycare	4	0.746	3.599	
		3 HD	ppm	home	9	0.513	2.675	
		4 PS	ppm	daycare	2	0.020	2.759	
		4 PS	ppm	home	9	0.020	3.599	
		5 LF	ppb	daycare	4	0.067	4.523	
		5 LF	ppb	home	9	0.026	2.221	
		6 SF	ppb	daycare	4	0.020	1.000	ND
		6 SF	ppb	home	9	0.020	1.000	
1 ENVIRONMENTAL	Sum of target PAH	1 IA	ng/m^3	daycare	4	496.271	2.678	
		1 IA	ng/m^3	home	9	415.014	1.762	
		2 OA	ng/m^3	daycare	4	73.664	1.236	
		2 OA	ng/m^3	home	9	79.294	1.782	
		3 HD	ppm	daycare	4	1.776	3.635	
		3 HD	ppm	home	9	1.190	2.555	
		4 PS	ppm	daycare	2	0.046	2.686	
		4 PS	ppm	home	9	0.048	4.141	
		5 LF	ppb	daycare	4	0.728	2.518	*
		5 LF	ppb	home	9	0.225	2.207	
		6 SF	ppb	daycare	4	3.664	1.828	
		6 SF	ppb	home	9	3.528	1.550	
1 ENVIRONMENTAL	Sum of Phthalate Esters	1 IA	ng/m^3	daycare	4	578.138	1.636	
		1 IA	ng/m^3	home	9	406.955	1.435	
		2 OA	ng/m^3	daycare	4	201.486	1.300	
		2 OA	ng/m^3	home	9	71.550	7.367	
		3 HD	ppm	daycare	4	2.376	9.629	
		3 HD	ppm	home	9	5.655	2.187	
		4 PS	ppm	daycare	2	0.036	8.354	
		4 PS	ppm	home	9	0.073	6.737	
		5 LF	ppb	daycare	4	9.514	2.290	
		5 LF	ppb	home	9	13.975	2.287	
		6 SF	ppb	daycare	4	46.479	2.899	
		6 SF	ppb	home	9	69.420	3.165	
1 ENVIRONMENTAL	Benzylbutylphthalate	1 IA	ng/m^3	daycare	4	143.303	1.077	
		1 IA	ng/m^3	home	9	122.202	1.858	
		2 OA	ng/m^3	daycare	4	128.784	1.324	
		2 OA	ng/m^3	home	9	58.702	6.819	
		3 HD	ppm	daycare	4	1.151	14.860	
		3 HD	ppm	home	9	4.267	2.642	
		4 PS	ppm	daycare	2	0.006	10.905	
		4 PS	ppm	home	9	0.022	4.952	
		5 LF	ppb	daycare	4	6.380	1.314	
		5 LF	ppb	home	9	8.342	1.672	
		6 SF	ppb	daycare	4	22.590	2.696	
		6 SF	ppb	home	9	52.549	3.568	
1 ENVIRONMENTAL	Sum of OP	1 IA	ng/m^3	daycare	4	11.067	3.450	
		1 IA	ng/m^3	home	9	35.649	6.497	
		2 OA	ng/m^3	daycare	4	1.221	1.401	*
		2 OA	ng/m^3	home	9	2.160	1.398	
		3 HD	ppm	daycare	4	0.108	2.211	
		3 HD	ppm	home	9	0.304	5.379	
		4 PS	ppm	daycare	2	0.001	2.665	
		4 PS	ppm	home	9	0.001	2.750	
		5 LF	ppb	daycare	4	0.040	3.981	
		5 LF	ppb	home	9	0.048	3.744	
		6 SF	ppb	daycare	4	0.461	2.490	
		6 SF	ppb	home	9	0.535	2.929	
1 ENVIRONMENTAL	Chlorpyrifos	1 IA	ng/m^3	daycare	4	7.571	3.989	
		1 IA	ng/m^3	home	9	25.440	6.977	
		2 OA	ng/m^3	daycare	4	1.002	1.224	
		2 OA	ng/m^3	home	9	1.548	1.546	
		3 HD	ppm	daycare	4	0.073	2.670	
		3 HD	ppm	home	9	0.247	5.956	
		4 PS	ppm	daycare	2	0.001	1.000	
		4 PS	ppm	home	9	0.001	2.621	
		5 LF	ppb	daycare	4	0.040	3.981	
		5 LF	ppb	home	9	0.028	2.785	
		6 SF	ppb	daycare	4	0.461	2.490	
		6 SF	ppb	home	9	0.535	2.929	

Table Q-1. (Continued)

Type	Compound	Media	Unit	Location	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
1 ENVIRONMENTAL	Sum of OC	1 IA	ng/m^3	daycare	4	21.140	3.085	
		1 IA	ng/m^3	home	9	29.757	3.004	
		2 OA	ng/m^3	daycare	4	1.986	1.423	
		2 OA	ng/m^3	home	9	1.503	1.876	
		3 HD	ppm	daycare	4	0.173	5.689	
		3 HD	ppm	home	9	0.290	2.943	
		4 PS	ppm	daycare	2	0.005	1.485	
		4 PS	ppm	home	9	0.010	3.314	
		5 LF	ppb	daycare	4	0.475	1.711	
		5 LF	ppb	home	9	0.140	4.496	
		6 SF	ppb	daycare	4	0.096	3.299	
		6 SF	ppb	home	9	0.233	5.513	
1 ENVIRONMENTAL	Sum of Target PCB	1 IA	ng/m^3	daycare	4	35.550	1.179	*
		1 IA	ng/m^3	home	9	11.958	2.232	
		2 OA	ng/m^3	daycare	4	5.122	1.390	**
		2 OA	ng/m^3	home	9	1.599	1.757	
		3 HD	ppm	daycare	4	0.217	2.022	
		3 HD	ppm	home	9	0.100	2.426	
		4 PS	ppm	daycare	2	0.002	2.175	
		4 PS	ppm	home	9	0.001	4.061	
		5 LF	ppb	daycare	4	0.061	3.618	
		5 LF	ppb	home	9	0.034	2.234	
		6 SF	ppb	daycare	4	0.036	3.317	
		6 SF	ppb	home	9	0.113	3.865	
1 ENVIRONMENTAL	Sum of Phenols	1 IA	ng/m^3	daycare	4	248.119	1.421	
		1 IA	ng/m^3	home	9	88.807	6.170	
		2 OA	ng/m^3	daycare	4	3.693	3.299	
		2 OA	ng/m^3	home	9	3.292	1.875	
		3 HD	ppm	daycare	4	21.330	3.058	*
		3 HD	ppm	home	9	8.497	1.393	
		4 PS	ppm	daycare	2	0.069	1.179	
		4 PS	ppm	home	9	0.075	1.579	
		5 LF	ppb	daycare	4	1.627	5.305	*
		5 LF	ppb	home	9	0.216	6.443	
		6 SF	ppb	daycare	4	18.298	1.719	
		6 SF	ppb	home	9	28.197	1.863	
1 ENVIRONMENTAL	Bisphenol-A	1 IA	ng/m^3	daycare	4	5.883	1.657	
		1 IA	ng/m^3	home	9	5.603	6.960	
		2 OA	ng/m^3	daycare	4	1.444	4.672	
		2 OA	ng/m^3	home	9	0.363	7.082	
		3 HD	ppm	daycare	4	1.522	2.357	
		3 HD	ppm	home	9	1.466	1.346	
		4 PS	ppm	daycare	2	0.006	1.269	
		4 PS	ppm	home	9	0.006	1.602	
		5 LF	ppb	daycare	4	0.198	3.698	*
		5 LF	ppb	home	9	0.062	1.553	
		6 SF	ppb	daycare	4	0.431	2.012	
		6 SF	ppb	home	9	0.600	3.669	
1 ENVIRONMENTAL	2,4-D	1 IA	ng/m^3	daycare	4	0.028	1.924	
		1 IA	ng/m^3	home	9	0.037	3.358	
		2 OA	ng/m^3	daycare	4	0.034	2.915	
		2 OA	ng/m^3	home	9	0.023	1.511	
		3 HD	ppm	daycare	4	0.116	2.210	
		3 HD	ppm	home	9	0.269	6.854	
		4 PS	ppm	daycare	2	0.001	1.000	
		4 PS	ppm	home	9	0.012	6.726	
		5 LF	ppb	daycare	4	1.529	1.420	
		5 LF	ppb	home	9	1.166	2.055	
		6 SF	ppb	daycare	4	0.537	2.465	
		6 SF	ppb	home	9	0.318	2.063	
2 WIPE	Sum of B2 PAH	7 Wipe	ng/wipe	daycare	9	0.643	2.833	
		7 Wipe	ng/wipe	home	9	0.613	2.594	
2 WIPE	Sum of target PAH	7 Wipe	ng/wipe	daycare	9	11.181	1.792	
		7 Wipe	ng/wipe	home	9	6.671	3.318	
2 WIPE	Sum of Phthalate Esters	7 Wipe	ng/wipe	daycare	9	34.466	44.455	
		7 Wipe	ng/wipe	home	9	118.810	12.734	
2 WIPE	Benzylbutylphthalate	7 Wipe	ng/wipe	daycare	9	25.211	37.928	
		7 Wipe	ng/wipe	home	9	45.485	23.958	

Table Q 1. (Continued)

Type	Compound	Media	Unit	Location	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
2 WIPE	Sum of OP	7 Wipe	ng/wipe	daycare	9	0.868	4.785	
		7 Wipe	ng/wipe	home	9	2.599	5.529	
2 WIPE	Chlorpyrifos	7 Wipe	ng/wipe	daycare	9	0.747	3.780	
		7 Wipe	ng/wipe	home	9	2.306	5.048	
2 WIPE	Sum of OC	7 Wipe	ng/wipe	daycare	9	0.641	3.274	
		7 Wipe	ng/wipe	home	9	0.766	3.847	
2 WIPE	Sum of Target PCB	7 Wipe	ng/wipe	daycare	9	0.665	2.203	
		7 Wipe	ng/wipe	home	9	0.489	2.117	
3 URINE	Sum of OH-PAH	8 Urine	ng/mL	daycare	9	1.069	1.487	
		8 Urine	ng/mL	home	9	1.539	1.936	
		8 Urine	umole/mole	daycare	9	2.066	1.818	
		8 Urine	umole/mole	home	9	2.229	1.705	
3 URINE	2,4-D	8 Urine	ng/mL	daycare	9	1.987	1.768	
		8 Urine	ng/mL	home	9	2.213	1.781	
		8 Urine	umole/mole	daycare	9	2.749	1.355	
		8 Urine	umole/mole	home	9	2.289	2.016	
3 URINE	Pentachlorophenol	8 Urine	ng/mL	daycare	9	0.308	1.455	
		8 Urine	ng/mL	home	9	0.500	1.800	
		8 Urine	umole/mole	daycare	9	0.356	2.145	
		8 Urine	umole/mole	home	9	0.432	2.062	
3 URINE	3,5,6-Trichloro-2-pyridinol	8 Urine	ng/mL	daycare	9	7.472	1.703	
		8 Urine	ng/mL	home	9	9.807	1.944	
		8 Urine	umole/mole	daycare	9	11.454	2.083	
		8 Urine	umole/mole	home	9	11.236	1.819	

Table Q-2. Analysis of Variance Results on Low-Income and Middle-Income Families

Type	Compound	Media	Unit	Income	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
1 ENVIRONMENTAL	Sum of B2 PAH	1 IA	ng/m^3	LOW	4	0.766	1.343	
		1 IA	ng/m^3	MID	5	0.605	1.127	
		2 OA	ng/m^3	LOW	4	0.545	1.293	
		2 OA	ng/m^3	MID	5	0.461	1.114	
		3 HD	ppm	LOW	4	0.299	1.507	
		3 HD	ppm	MID	5	0.792	3.102	
		4 PS	ppm	LOW	4	0.024	6.209	
		4 PS	ppm	MID	5	0.016	2.292	
		5 LF	ppb	LOW	4	0.036	3.309	
		5 LF	ppb	MID	5	0.020	1.000	
		6 SF	ppb	LOW	4	0.020	1.000	ND
		6 SF	ppb	MID	5	0.020	1.000	
1 ENVIRONMENTAL	Sum of target PAH	1 IA	ng/m^3	LOW	4	318.889	1.658	
		1 IA	ng/m^3	MID	5	512.392	1.769	
		2 OA	ng/m^3	LOW	4	61.652	1.571	
		2 OA	ng/m^3	MID	5	96.977	1.882	
		3 HD	ppm	LOW	4	0.717	1.444	
		3 HD	ppm	MID	5	1.766	2.984	
		4 PS	ppm	LOW	4	0.062	6.867	
		4 PS	ppm	MID	5	0.039	2.900	
		5 LF	ppb	LOW	4	0.152	1.951	
		5 LF	ppb	MID	5	0.308	2.228	
		6 SF	ppb	LOW	4	3.862	1.780	
		6 SF	ppb	MID	5	3.268	1.410	
1 ENVIRONMENTAL	Sum of Phthalate Esters	1 IA	ng/m^3	LOW	4	437.944	1.309	
		1 IA	ng/m^3	MID	5	383.751	1.555	
		2 OA	ng/m^3	LOW	4	131.754	2.679	
		2 OA	ng/m^3	MID	5	43.903	12.996	
		3 HD	ppm	LOW	4	4.788	2.724	
		3 HD	ppm	MID	5	6.461	1.914	
		4 PS	ppm	LOW	4	0.041	19.187	
		4 PS	ppm	MID	5	0.215	1.459	
		5 LF	ppb	LOW	4	10.437	1.814	
		5 LF	ppb	MID	5	17.652	2.650	
		6 SF	ppb	LOW	4	96.650	3.911	
		6 SF	ppb	MID	5	53.274	2.805	
1 ENVIRONMENTAL	Benzylbutylphthalate	1 IA	ng/m^3	LOW	4	144.533	2.068	
		1 IA	ng/m^3	MID	5	106.848	1.762	
		2 OA	ng/m^3	LOW	4	114.735	2.676	
		2 OA	ng/m^3	MID	5	34.342	11.196	
		3 HD	ppm	LOW	4	2.971	3.486	
		3 HD	ppm	MID	5	5.700	2.004	
		4 PS	ppm	LOW	4	0.017	10.836	
		4 PS	ppm	MID	5	0.028	2.326	
		5 LF	ppb	LOW	4	7.586	2.085	
		5 LF	ppb	MID	5	9.001	1.388	
		6 SF	ppb	LOW	4	78.779	4.042	
		6 SF	ppb	MID	5	38.009	3.372	
1 ENVIRONMENTAL	Sum of OP	1 IA	ng/m^3	LOW	4	28.420	3.838	
		1 IA	ng/m^3	MID	5	42.734	10.556	
		2 OA	ng/m^3	LOW	4	1.747	1.177	
		2 OA	ng/m^3	MID	5	2.559	1.421	
		3 HD	ppm	LOW	4	0.141	3.005	
		3 HD	ppm	MID	5	0.561	6.835	
		4 PS	ppm	LOW	4	0.001	1.000	
		4 PS	ppm	MID	5	0.002	2.922	
		5 LF	ppb	LOW	4	0.141	3.844	*
		5 LF	ppb	MID	5	0.020	1.000	
		6 SF	ppb	LOW	4	0.376	3.321	
		6 SF	ppb	MID	5	0.709	2.727	
1 ENVIRONMENTAL	Chlorpyrifos	1 IA	ng/m^3	LOW	4	16.871	2.620	
		1 IA	ng/m^3	MID	5	35.336	12.924	
		2 OA	ng/m^3	LOW	4	1.204	1.286	
		2 OA	ng/m^3	MID	5	1.893	1.595	
		3 HD	ppm	LOW	4	0.101	2.820	
		3 HD	ppm	MID	5	0.506	7.596	
		4 PS	ppm	LOW	4	0.001	1.000	
		4 PS	ppm	MID	5	0.001	3.642	
		5 LF	ppb	LOW	4	0.043	4.648	
		5 LF	ppb	MID	5	0.020	1.000	
		6 SF	ppb	LOW	4	0.376	3.321	
		6 SF	ppb	MID	5	0.709	2.727	
1 ENVIRONMENTAL	Sum of OC	1 IA	ng/m^3	LOW	4	21.129	2.475	
		1 IA	ng/m^3	MID	5	39.135	3.532	
		2 OA	ng/m^3	LOW	4	1.391	1.641	
		2 OA	ng/m^3	MID	5	1.600	2.166	
		3 HD	ppm	LOW	4	0.274	3.059	
		3 HD	ppm	MID	5	0.304	3.246	
		4 PS	ppm	LOW	4	0.017	5.709	
		4 PS	ppm	MID	5	0.007	1.349	
		5 LF	ppb	LOW	4	0.105	6.800	
		5 LF	ppb	MID	5	0.175	3.565	
		6 SF	ppb	LOW	4	0.149	5.728	
		6 SF	ppb	MID	5	0.334	5.954	

Table Q-2. (Continued)

Type	Compound	Media	Unit	Income	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
1 ENVIRONMENTAL	Sum of Target PCB	1 IA	ng/m^3	LOW	4	10.129	1.749	
		1 IA	ng/m^3	MID	5	13.656	2.725	
		2 OA	ng/m^3	LOW	4	2.080	1.692	
		2 OA	ng/m^3	MID	5	1.296	1.735	
		3 HD	ppm	LOW	4	0.061	1.820	
		3 HD	ppm	MID	5	0.150	2.505	
		4 PS	ppm	LOW	4	0.002	6.323	
		4 PS	ppm	MID	5	0.001	1.000	
		5 LF	ppb	LOW	4	0.028	1.897	
		5 LF	ppb	MID	5	0.040	2.594	
		6 SF	ppb	LOW	4	0.080	4.980	
		6 SF	ppb	MID	5	0.148	3.418	
1 ENVIRONMENTAL	Sum of Phenols	1 IA	ng/m^3	LOW	4	92.547	9.133	
		1 IA	ng/m^3	MID	5	85.924	5.572	
		2 OA	ng/m^3	LOW	4	3.151	2.048	
		2 OA	ng/m^3	MID	5	3.408	1.885	
		3 HD	ppm	LOW	4	7.231	1.513	
		3 HD	ppm	MID	5	9.668	1.235	
		4 PS	ppm	LOW	4	0.099	1.451	
		4 PS	ppm	MID	5	0.061	1.537	
		5 LF	ppb	LOW	4	0.050	1.000	*
		5 LF	ppb	MID	5	0.696	5.798	
		6 SF	ppb	LOW	4	24.131	2.123	
		6 SF	ppb	MID	5	31.936	2.738	
1 ENVIRONMENTAL	Bisphenol-A	1 IA	ng/m^3	LOW	4	13.118	3.105	
		1 IA	ng/m^3	MID	5	2.837	9.914	
		2 OA	ng/m^3	LOW	4	0.727	6.343	
		2 OA	ng/m^3	MID	5	0.209	7.842	
		3 HD	ppm	LOW	4	1.361	1.575	
		3 HD	ppm	MID	5	1.556	1.213	
		4 PS	ppm	LOW	4	0.006	1.819	
		4 PS	ppm	MID	5	0.006	1.516	
		5 LF	ppb	LOW	4	0.050	1.000	
		5 LF	ppb	MID	5	0.074	1.728	
		6 SF	ppb	LOW	4	0.931	3.778	
		6 SF	ppb	MID	5	0.422	3.692	
1 ENVIRONMENTAL	2,4-D	1 IA	ng/m^3	LOW	4	0.040	3.943	
		1 IA	ng/m^3	MID	5	0.035	3.421	
		2 OA	ng/m^3	LOW	4	0.027	1.857	
		2 OA	ng/m^3	MID	5	0.020	1.000	
		3 HD	ppm	LOW	4	0.301	16.814	
		3 HD	ppm	MID	5	0.247	3.284	
		4 PS	ppm	LOW	4	0.015	11.286	
		4 PS	ppm	MID	5	0.010	5.241	
		5 LF	ppb	LOW	4	1.244	2.983	
		5 LF	ppb	MID	5	1.106	1.441	
		6 SF	ppb	LOW	4	0.430	2.963	
		6 SF	ppb	MID	5	0.250	1.000	
2 WIPE	Sum of B2 PAH	7 Wipe	ng/wipe	LOW	4	0.813	2.110	
		7 Wipe	ng/wipe	MID	5	0.490	3.067	
2 WIPE	Sum of target PAH	7 Wipe	ng/wipe	LOW	4	3.044	3.648	
		7 Wipe	ng/wipe	MID	5	22.496	2.047	
2 WIPE	Sum of Phthalate Esters	7 Wipe	ng/wipe	LOW	4	405.179	3.756	
		7 Wipe	ng/wipe	MID	5	44.527	19.832	
2 WIPE	Benzylbutylphthalate	7 Wipe	ng/wipe	LOW	4	371.064	3.619	
		7 Wipe	ng/wipe	MID	5	8.484	27.594	
2 WIPE	Sum of OP	7 Wipe	ng/wipe	LOW	4	4.247	3.154	
		7 Wipe	ng/wipe	MID	5	1.755	8.195	
2 WIPE	Chlorpyrifos	7 Wipe	ng/wipe	LOW	4	3.246	2.459	
		7 Wipe	ng/wipe	MID	5	1.755	8.195	
2 WIPE	Sum of OC	7 Wipe	ng/wipe	LOW	4	0.851	5.825	
		7 Wipe	ng/wipe	MID	5	0.704	3.101	
2 WIPE	Sum of Target PCB	7 Wipe	ng/wipe	LOW	4	0.595	2.127	
		7 Wipe	ng/wipe	MID	5	0.417	2.209	
3 URINE	Sum of OH-PAH	8 Urine	ng/mL	LOW	4	2.408	2.262	
		8 Urine	ng/mL	MID	5	1.076	1.118	
		8 Urine	umole/mole	LOW	4	2.165	1.904	
		8 Urine	umole/mole	MID	5	2.282	1.660	
3 URINE	2,4-D	8 Urine	ng/mL	LOW	4	2.818	1.241	
		8 Urine	ng/mL	MID	5	1.824	2.065	
		8 Urine	umole/mole	LOW	4	1.681	1.352	
		8 Urine	umole/mole	MID	5	2.929	2.372	

Table Q-2. (Continued)

Type	Compound	Media	Unit	Income	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
3 URINE	Pentachlorophenol	8 Urine	ng/mL	LOW	4	0.460	1.761	
		8 Urine	ng/mL	MID	5	0.534	1.940	
		8 Urine	umole/mole	LOW	4	0.229	1.376	**
		8 Urine	umole/mole	MID	5	0.718	1.644	
3 URINE	356Trichloro 2pyridinol	8 Urine	ng/mL	LOW	4	12.997	1.502	
		8 Urine	ng/mL	MID	5	7.828	2.194	
		8 Urine	umole/mole	LOW	4	8.589	1.359	
		8 Urine	umole/mole	MID	5	13.929	2.051	

Table Q-3. Analysis of Variance Results on Multimedia Samples Collected on Groups of Low-Income Families/Head Start Centers and Middle-Income Families/Regular Centers

Type	Compound	Media	Unit	Group	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
1 ENVIRONMENTAL	Sum of B2 PAH	1 IA	ng/m^3	HEAD+LOW	6	0.713	1.296	
		1 IA	ng/m^3	REG+MID	7	0.604	1.115	
		2 OA	ng/m^3	HEAD+LOW	6	0.555	1.247	
		2 OA	ng/m^3	REG+MID	7	0.478	1.124	
		3 HD	ppm	HEAD+LOW	6	0.583	2.966	
		3 HD	ppm	REG+MID	7	0.570	2.977	
		4 PS	ppm	HEAD+LOW	5	0.027	4.952	
		4 PS	ppm	REG+MID	6	0.015	2.156	
		5 LF	ppb	HEAD+LOW	6	0.050	4.221	
		5 LF	ppb	REG+MID	7	0.026	1.931	
		6 SF	ppb	HEAD+LOW	6	0.020	1.000	ND
		6 SF	ppb	REG+MID	7	0.020	1.000	
1 ENVIRONMENTAL	Sum of target PAH	1 IA	ng/m^3	HEAD+LOW	6	490.809	2.172	
		1 IA	ng/m^3	REG+MID	7	398.103	1.886	
		2 OA	ng/m^3	HEAD+LOW	6	64.349	1.433	
		2 OA	ng/m^3	REG+MID	7	90.929	1.726	
		3 HD	ppm	HEAD+LOW	6	1.398	2.936	
		3 HD	ppm	REG+MID	7	1.303	2.869	
		4 PS	ppm	HEAD+LOW	5	0.067	5.358	
		4 PS	ppm	REG+MID	6	0.036	2.654	
		5 LF	ppb	HEAD+LOW	6	0.327	3.716	
		5 LF	ppb	REG+MID	7	0.320	1.970	
		6 SF	ppb	HEAD+LOW	6	4.385	1.635	
		6 SF	ppb	REG+MID	7	2.992	1.489	
1 ENVIRONMENTAL	Sum of Phthalate Esters	1 IA	ng/m^3	HEAD+LOW	6	553.654	1.521	
		1 IA	ng/m^3	REG+MID	7	382.021	1.437	
		2 OA	ng/m^3	HEAD+LOW	6	141.836	2.168	
		2 OA	ng/m^3	REG+MID	7	71.916	9.506	
		3 HD	ppm	HEAD+LOW	6	2.627	6.610	
		3 HD	ppm	REG+MID	7	6.649	1.716	
		4 PS	ppm	HEAD+LOW	5	0.030	14.316	
		4 PS	ppm	REG+MID	6	0.122	1.439	
		5 LF	ppb	HEAD+LOW	6	8.666	1.795	
		5 LF	ppb	REG+MID	7	16.898	2.445	
		6 SF	ppb	HEAD+LOW	6	80.957	3.324	
		6 SF	ppb	REG+MID	7	48.383	2.808	
1 ENVIRONMENTAL	Benzylbutylphthalate	1 IA	ng/m^3	HEAD+LOW	6	142.409	1.760	
		1 IA	ng/m^3	REG+MID	7	117.393	1.632	
		2 OA	ng/m^3	HEAD+LOW	6	114.540	2.151	
		2 OA	ng/m^3	REG+MID	7	51.855	8.168	
		3 HD	ppm	HEAD+LOW	6	1.224	9.024	
		3 HD	ppm	REG+MID	7	5.884	1.781	
		4 PS	ppm	HEAD+LOW	5	0.008	13.362	
		4 PS	ppm	REG+MID	6	0.032	2.288	
		5 LF	ppb	HEAD+LOW	6	6.860	1.850	
		5 LF	ppb	REG+MID	7	8.463	1.335	
		6 SF	ppb	HEAD+LOW	6	52.738	3.844	
		6 SF	ppb	REG+MID	7	32.338	3.180	
1 ENVIRONMENTAL	Sum of OP	1 IA	ng/m^3	HEAD+LOW	6	29.526	2.848	
		1 IA	ng/m^3	REG+MID	7	21.473	9.567	
		2 OA	ng/m^3	HEAD+LOW	6	1.680	1.178	
		2 OA	ng/m^3	REG+MID	7	1.934	1.766	
		3 HD	ppm	HEAD+LOW	6	0.154	2.577	
		3 HD	ppm	REG+MID	7	0.301	6.661	
		4 PS	ppm	HEAD+LOW	5	0.001	1.859	
		4 PS	ppm	REG+MID	6	0.001	2.975	
		5 LF	ppb	HEAD+LOW	6	0.074	4.272	
		5 LF	ppb	REG+MID	7	0.030	2.842	
		6 SF	ppb	HEAD+LOW	6	0.370	2.578	
		6 SF	ppb	REG+MID	7	0.674	2.753	
1 ENVIRONMENTAL	Chlorpyrifos	1 IA	ng/m^3	HEAD+LOW	6	19.196	2.177	
		1 IA	ng/m^3	REG+MID	7	16.202	11.935	
		2 OA	ng/m^3	HEAD+LOW	6	1.148	1.253	
		2 OA	ng/m^3	REG+MID	7	1.560	1.677	
		3 HD	ppm	HEAD+LOW	6	0.116	2.476	
		3 HD	ppm	REG+MID	7	0.235	8.271	
		4 PS	ppm	HEAD+LOW	5	0.001	1.000	
		4 PS	ppm	REG+MID	6	0.001	3.254	
		5 LF	ppb	HEAD+LOW	6	0.033	3.506	

Group: HEAD+LOW --- Head Start daycares + Low-income families
REG+MID --- Regular daycares + Mid-income families

Table Q-3. (Continued)

Type	Compound	Media	Unit	Group	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
1 ENVIRONMENTAL	Chlorpyrifos	5 LF	ppb	REG+MID	7	0.030	2.842	
		6 SF	ppb	HEAD+LOW	6	0.370	2.578	
		6 SF	ppb	REG+MID	7	0.674	2.753	
1 ENVIRONMENTAL	Sum of OC	1 IA	ng/m^3	HEAD+LOW	6	29.213	2.376	
		1 IA	ng/m^3	REG+MID	7	24.867	3.632	
		2 OA	ng/m^3	HEAD+LOW	6	1.682	1.654	
		2 OA	ng/m^3	REG+MID	7	1.601	1.903	
		3 HD	ppm	HEAD+LOW	6	0.387	2.796	
		3 HD	ppm	REG+MID	7	0.169	4.020	
		4 PS	ppm	HEAD+LOW	5	0.013	5.189	
		4 PS	ppm	REG+MID	6	0.007	1.307	
		5 LF	ppb	HEAD+LOW	6	0.160	5.236	
		5 LF	ppb	REG+MID	7	0.250	3.345	
		6 SF	ppb	HEAD+LOW	6	0.158	4.150	
		6 SF	ppb	REG+MID	7	0.197	6.062	
1 ENVIRONMENTAL	Sum of Target PCB	1 IA	ng/m^3	HEAD+LOW	6	15.694	2.244	
		1 IA	ng/m^3	REG+MID	7	17.653	2.540	
		2 OA	ng/m^3	HEAD+LOW	6	2.608	1.722	
		2 OA	ng/m^3	REG+MID	7	2.045	2.480	
		3 HD	ppm	HEAD+LOW	6	0.103	2.858	
		3 HD	ppm	REG+MID	7	0.152	2.128	
		4 PS	ppm	HEAD+LOW	5	0.002	5.181	
		4 PS	ppm	REG+MID	6	0.001	2.078	
		5 LF	ppb	HEAD+LOW	6	0.036	2.646	
		5 LF	ppb	REG+MID	7	0.045	2.765	
		6 SF	ppb	HEAD+LOW	6	0.050	4.198	
		6 SF	ppb	REG+MID	7	0.118	3.599	
1 ENVIRONMENTAL	Sum of Phenols	1 IA	ng/m^3	HEAD+LOW	6	119.319	5.813	
		1 IA	ng/m^3	REG+MID	7	124.018	4.680	
		2 OA	ng/m^3	HEAD+LOW	6	2.374	2.087	
		2 OA	ng/m^3	REG+MID	7	4.653	2.100	
		3 HD	ppm	HEAD+LOW	6	7.687	1.589	
		3 HD	ppm	REG+MID	7	15.666	2.324	
		4 PS	ppm	HEAD+LOW	5	0.094	1.406	
		4 PS	ppm	REG+MID	6	0.061	1.468	
		5 LF	ppb	HEAD+LOW	6	0.126	6.147	*
		5 LF	ppb	REG+MID	7	1.084	5.117	
		6 SF	ppb	HEAD+LOW	6	22.463	2.017	
		6 SF	ppb	REG+MID	7	26.761	1.765	
1 ENVIRONMENTAL	Bisphenol-A	1 IA	ng/m^3	HEAD+LOW	6	10.620	2.552	
		1 IA	ng/m^3	REG+MID	7	3.330	6.831	
		2 OA	ng/m^3	HEAD+LOW	6	0.641	5.021	
		2 OA	ng/m^3	REG+MID	7	0.491	9.291	
		3 HD	ppm	HEAD+LOW	6	1.112	1.650	*
		3 HD	ppm	REG+MID	7	1.898	1.420	
		4 PS	ppm	HEAD+LOW	5	0.006	1.691	
		4 PS	ppm	REG+MID	6	0.006	1.465	
		5 LF	ppb	HEAD+LOW	6	0.100	3.547	
		5 LF	ppb	REG+MID	7	0.081	1.835	
		6 SF	ppb	HEAD+LOW	6	0.773	3.083	
		6 SF	ppb	REG+MID	7	0.399	3.067	
1 ENVIRONMENTAL	2,4-D	1 IA	ng/m^3	HEAD+LOW	6	0.032	3.066	
		1 IA	ng/m^3	REG+MID	7	0.036	2.928	
		2 OA	ng/m^3	HEAD+LOW	6	0.025	1.658	
		2 OA	ng/m^3	REG+MID	7	0.027	2.245	
		3 HD	ppm	HEAD+LOW	6	0.175	10.417	
		3 HD	ppm	REG+MID	7	0.240	2.657	
		4 PS	ppm	HEAD+LOW	5	0.008	13.400	
		4 PS	ppm	REG+MID	6	0.006	6.757	
		5 LF	ppb	HEAD+LOW	6	1.281	2.419	
		5 LF	ppb	REG+MID	7	1.255	1.447	
		6 SF	ppb	HEAD+LOW	6	0.359	2.428	
		6 SF	ppb	REG+MID	7	0.387	2.134	
2 WIPE	Sum of B2 PAH	7 Wipe	ng/wipe	HEAD+LOW	8	0.910	2.790	
		7 Wipe	ng/wipe	REG+MID	10	0.467	2.354	
2 WIPE	Sum of target PAH	7 Wipe	ng/wipe	HEAD+LOW	8	4.881	2.968	*
		7 Wipe	ng/wipe	REG+MID	10	13.633	1.687	

Group: HEAD+LOW --- Head Start daycares + Low-income families
REG+MID --- Regular daycares + Mid-income families

Table Q-3. (Continued)

Type	Compound	Media	Unit	Group	N	Geo. Mean	Geo. Std Dev	Sig. at 0.05 Level
2 WIPE	Sum of Phthalate Esters	7 Wipe	ng/wipe	HEAD+LOW	8	219.773	18.411	
		7 Wipe	ng/wipe	REG+MID	10	23.848	24.697	
2 WIPE	Benzylbutylphthalate	7 Wipe	ng/wipe	HEAD+LOW	8	186.119	17.019	*
		7 Wipe	ng/wipe	REG+MID	10	8.663	23.614	
2 WIPE	Sum of OP	7 Wipe	ng/wipe	HEAD+LOW	8	3.106	3.942	
		7 Wipe	ng/wipe	REG+MID	10	0.840	5.769	
2 WIPE	Chlorpyrifos	7 Wipe	ng/wipe	HEAD+LOW	8	2.294	3.049	
		7 Wipe	ng/wipe	REG+MID	10	0.840	5.769	
2 WIPE	Sum of OC	7 Wipe	ng/wipe	HEAD+LOW	8	1.330	3.744	*
		7 Wipe	ng/wipe	REG+MID	10	0.420	2.537	
2 WIPE	Sum of Target PCB	7 Wipe	ng/wipe	HEAD+LOW	8	0.702	2.159	
		7 Wipe	ng/wipe	REG+MID	10	0.483	2.130	
3 URINE	Sum of OH-PAH	8 Urine	ng/mL	HEAD+LOW	8	1.712	2.008	*
		8 Urine	ng/mL	REG+MID	10	1.018	1.333	
		8 Urine	umole/mole	HEAD+LOW	8	1.862	1.891	
		8 Urine	umole/mole	REG+MID	10	2.404	1.609	
3 URINE	2,4-D	8 Urine	ng/mL	HEAD+LOW	8	2.888	1.188	*
		8 Urine	ng/mL	REG+MID	10	1.623	1.887	
		8 Urine	umole/mole	HEAD+LOW	8	2.133	1.469	
		8 Urine	umole/mole	REG+MID	10	2.856	1.852	
3 URINE	Pentachlorophenol	8 Urine	ng/mL	HEAD+LOW	8	0.337	1.691	
		8 Urine	ng/mL	REG+MID	10	0.443	1.727	
		8 Urine	umole/mole	HEAD+LOW	8	0.208	1.418	**
		8 Urine	umole/mole	REG+MID	10	0.652	1.669	
3 URINE	3,5,6-Trichloro-2-pyridinol	8 Urine	ng/mL	HEAD+LOW	8	9.485	1.747	
		8 Urine	ng/mL	REG+MID	10	7.886	1.917	
		8 Urine	umole/mole	HEAD+LOW	8	7.760	1.370	*
		8 Urine	umole/mole	REG+MID	10	15.372	2.013	

Group: HEAD+LOW --- Head Start daycares + Low-income families
. REG+MID --- Regular daycares + Mid-income families .

APPENDIX R. REGRESSION RESULTS OF URINARY METABOLITES VERSUS ENVIRONMENTAL SAMPLE MEDIA AND TOTAL DAILY POTENTIAL PERSISTENT POLLUTANT DOSES

Table R-1. Regression Results of Urinary Metabolites versus Environmental POP

Urine POP Unit	Parameter Estimates					Location Effect (p-value)
	Intercept	Indoor Air	Outdoor Air	Floor Dust	Food	
2,4-D						
ng/mL	-1.355	0.348	-1.033	0.143	0.053	Not Sig. (0.198)
µ mole/mole	2.592	0.323	0.173	-0.030	-0.538	Not Sig. (0.554)
Pentachlorophenol						
ng/mL	-14.585	0.400**	0.261	0.008	-8.640	Not Sig. (0.378)
µ mole/mole	-0.690	-0.247	0.228	1.042*	-1.891	Not Sig. (0.811)
3,5,6-Trichloro-2-pyridinol						
ng/mL	1.185	0.287	-0.706	-0.254	-0.251	Not Sig. (0.139)
µ mole/mole	2.447	-0.008	0.252	0.053	0.076	Not Sig. (0.694)
1-Naphthol						
ng/mL	3.882	0.040	-0.756	0.247	-0.209	Not Sig. (0.246)
µ mole/mole	2.297	0.039	-0.288	0.207	-0.296	Not Sig. (0.601)
2-Naphthol						
ng/mL	-0.327	-0.014	-0.261	0.030	0.195	Not Sig. (0.339)
µ mole/mole	-1.921	-0.015	0.207	-0.012	0.111	Not Sig. (0.915)
3-Hydroxyfluoranthene						
ng/mL	-1.715*	-0.183	-0.010	-0.005	0.041	Not Sig. (0.470)
µ mole/mole	-2.761*	0.009	-0.577	0.014	-0.521	Not Sig. (0.751)

Urine POP Unit	Parameter Estimates					Location Effect (p-value)
	Intercept	Indoor Air	Outdoor Air	Floor Dust	Food	
1-Hydroxypyrene						
ng/mL	-2.265	-0.228	0.143	-0.030	0.076	Not Sig. (0.227)
µ mole/mole	-4.158**	-0.277	-0.511	0.086	-0.563	Not Sig. (0.904)
1-Hydrxoybenz[a]anthracene						
ng/mL	-9.054*	-0.817	-0.727	0.173	-0.664	Not Sig. (0.751)
µ mole/mole	-15.709*	-0.730	-3.092	0.245	-0.944*	Not Sig. (0.167)
6-Hydroxychrysene						
ng/mL	-8.157*	-0.278	-0.808	0.147	-0.842	Not Sig. (0.173)
µ mole/mole	-15.329**	-1.057	-1.645	0.303	-2.245	Not Sig. (0.103)
3-Hydroxybenz[a]anthracene						
ng/mL	-5.956	-0.069	-1.164	0.173	0.005	Not Sig. (0.739)
µ mole/mole	-12.453*	0.169	-3.639	0.243	-0.248	Not Sig. (0.395)
1&3-Hydroxybenzo[a]pyrene						
ng/mL	-3.444*	-0.792	0.935	-0.142	0	Not Sig. (0.258)
µ mole/mole	-4.979	-2.333*	1.818	-0.196	0	Not Sig. (0.262)
6-Hydroxyindeno[1,2,3-c,d]pyrene						
ng/mL	-9.765	-1.573	-0.911	0.092	0	Not Sig. (0.807)
µ mole/mole	-9.039	-3.515	1.299	0.113	0	Not Sig. (0.880)

** Parameter estimate is significantly different from zero at 0.01 level.

* Parameter estimate is significantly different from zero at 0.05 level.

Table R-2. Regression Results of Urinary Metabolites versus Total Daily POP Doses

Urine POP Unit	Parameter Estimates		Location Effect (p-value)
	Intercept	Total Dosages	
2,4-D			
ng/mL	2.197**	-0.441*	Not Sig. (0.508)
μ mole/mole	1.245	-0.131	Not Sig. (0.362)
Pentachlorophenol			
ng/mL	-1.116**	0.426**	Not Sig. (0.172)
μ mole/mole	-1.263**	0.428*	Not Sig. (0.204)
3,5,6-Trichloro-2-pyridinol			
ng/mL	2.269**	0.004	Not Sig. (0.395)
μ mole/mole	1.882**	0.163	Not Sig. (0.661)
1-Naphthol			
ng/mL	-1.624	0.227	Not Sig. (0.597)
μ mole/mole	-1.362	0.277	Not Sig. (0.840)
2-Naphthol			
ng/mL	-2.141	0.112	Not Sig. (0.308)
μ mole/mole	-1.882*	0.162	Not Sig. (0.934)
3-Hydroxyfluoranthene			
ng/mL	-1.737**	0.116	Not Sig. (0.183)
μ mole/mole	-1.973**	0.375	Not Sig. (0.592)

Urine POP Unit	Parameter Estimates		Location Effect (p-value)
	Intercept	Total Dosages	
1-Hydroxypyrene			
ng/mL	-2.328**	0.028	Not Sig. (0.136)
μ mole/mole	-2.442**	0.218	Not Sig. (0.586)
1-Hydrxoybenz[a]anthracene			
ng/mL	-4.066**	-0.160	Not Sig. (0.885)
μ mole/mole	-4.096**	-0.177	Not Sig. (0.411)
6-Hydroxychrysene			
ng/mL	-3.572**	-0.008	Not Sig. (0.200)
μ mole/mole	-3.614**	-0.074	Not Sig. (0.210)
3-Hydroxybenz[a]anthracene			
ng/mL	-3.222**	-0.043	Not Sig. (0.666)
μ mole/mole	-3.243**	-0.058	Not Sig. (0.679)
1&3-Hydroxybenzo[a]pyrene			
ng/mL	-3.879**	-0.100	Not Sig. (0.560)
μ mole/mole	-3.916**	-0.055	Not Sig. (0.707)
6-Hydroxyindeno[1,2,3-c,d]pyrene			
ng/mL	-4.331**	0.019	Not Sig. (0.507)
μ mole/mole	-4.439**	0.110	Not Sig. (0.225)

** Parameter estimate is significantly different from zero at 0.01 level.

* Parameter estimate is significantly different from zero at 0.05 level.

APPENDIX S. SUMMARY OF RECOVERY DATA OF THE SPIKED POP IN PHASE 2 MULTIMEDIA SAMPLES

Compound	Recovery, %				
	Maximum	Minimum	Mean	RSD	%RSD
Air					
Pyrene-d10	118	101	107	4.4	4.1
Chrysene-d12	124	92	99	6.3	6.4
Fenchlorfos	96	72	91	6.9	7.6
DDE-C13	108	85	92	4.5	4.9
DDT-C13	107	78	95	8.0	8.4
2,2'4,5,5'-pentachlorobiphenyl-C13	134	78	90	11	13
3,4-D	183	66	104	25	24
Dust/Soil					
Pyrene-d10	94	53	75	12	16
Chrysene-d12	129	66	86	19	22
Fenchlorfos	112	66	88	15	18
DDE-C13	77	50	65	8	12
DDT-C13	131	58	89	21	23
2,2'4,5,5'-pentachlorobiphenyl-C13	125	65	96	17	18
3,4-D	109	101	91	4.5	4.5
Food					
Pyrene-d10	129	57	94	17	18
Chrysene-d12	138	66	104	16	16
Fenchlorfos	129	63	93	12	13
DDE-C13	100	46	75	12	16
DDT-C13	136	54	97	19	19
2,2'4,5,5'-pentachlorobiphenyl-C13	137	58	94	16	17
3.4-D	90	17	35	20	57
Dermal Wipe					
Pyrene-d10	114	63	97	16	17
Chrysene-d12	125	69	109	13	12
Fenchlorfos	154	86	112	14	12
DDE-C13	121	32	69	24	34
DDT-C13	153	53	114	36	32
2,2'4,5,5'-pentachlorobiphenyl-C13	130	36	96	35	37

APPENDIX T. LEVELS OF TARGET POP FOUND IN PHASE 2 FIELD BLANKS

Target Analyte	Amount, ng				
	Air	Dust/Soil	Liquid Food	Solid Food	Dermal Wipe
PAH					
Naphthalene	56.2	7.17	10.3	<1	2.09
Biphenyl	2.89	3.33	3.53	2.66	<0.5
Acenaphthylene	<0.5	<1	<1	2.00	0.53
Acenaphthene	2.65	<1	<1	<1	5.08
Fluorene	2.19	<1	<1	<1	3.19
Phenanthrene	5.25	3.21	6.78	5.13	5.52
Anthracene	<0.5	<1	<1	<1	0.61
Fluoranthene	2.74	<1	1.60	<1	1.61
Pyrene	1.67	<1	<1	<1	
Cyclopenta[c,d]pyrene	<0.5	<1	<1	<1	0.87
Benz[a]anthracene*	<0.5	1.39	<1	<1	<0.5
Chrysene*	<0.5	<1	<1	2.18	<0.5
Benzo[b]fluoranthene	<0.5	<1	<1	<1	<0.5
Benzo[k]fluoranthene	<0.5	<1	<1	<1	<0.5
Benzo[e]pyrene	<0.5	<1	<1	<1	<0.5
Benzo[a]pyrene	<0.5	<1	<1	<1	<0.5
Indeno[1,2,3,c,d]pyrene	<0.5	<1	<1	<1	<0.5
Dibenzo[a,h]anthracene	<0.5	<1	<1	<1	<0.5
Benzo[g,h,i]perylene	<0.5	<1	<1	<1	<0.5
Coronene	<0.5	<1	<1	<1	<0.5
Sum of B2 PAH	<0.5	<1	<1	2.18	<0.5
Sum of Target PAH	73.6	15.1	21.9	12.0	19.5
Phthalate Ester					
Dibutylphthalate	919	50.8	575	618	829
Benzylbutylphthalate	482	52.4	194	150	364
Sum of PE	1400	103	769	768	1190
OP and OC Pesticides					
Diazinon	<1	<1	<1	<1	0.71
Chlorpyrifos	<1	<1	<1	3.90	1.87
Lindane	<1	4.92	<1	<1	<0.5
Heptachlor	8.44	<1	<1	<1	<0.5
Aldrin	<1	<1	2.74	<1	<0.5
gamma-Chlordane	<1	<1	<1	1.76	<0.5

Target Analyte	Amount, ng				
	Air	Dust/Soil	Liquid Food	Solid Food	Dermal Wipe
alpha-Chlordane	<1	<1	<1	1.94	<0.5
p,p'-DDE	<1	<1	<1	2.12	<0.5
Dieldrin	<1	<1	<1	<1	<0.5
Endrin	<1	<1	<1	<1	<0.5
p,p'-DDT	<1	<1	<1	<1	1.33
Sum of OP	<1	<1	<1	3.90	2.58
Sum of OC	8.44	<1	2.74	5.82	1.33
PCB					
2-Chlorobiphenyl	<0.5	<1	NA	NA	<0.5
4-Chlorobiphenyl	<0.5	<1	NA	NA	<0.5
2,6-Dichlorobiphenyl	<0.5	<1	<1	<1	<0.5
4,4'-Dichlorobiphenyl	<0.5	<1	<1	1.52	0.90
2,4,4'-Trichlorobiphenyl	<0.5	<1	<1	<1	<0.5
2,2'5,5'-Tetrachlorobiphenyl	<0.5	<1	<1	<1	<0.5
2,2'3,5-Tetrachlorobiphenyl	<0.5	<1	<1	<1	<0.5
2,3',4',5-Tetrachlorobiphenyl	<0.5	<1	<1	<1	<0.5
3,3'4,4'-Tetrachlorobiphenyl	<0.5	<1	<1	<1	0.75
2,2'3,5'6-Pentachlorobiphenyl	<0.5	<1	<1	<1	<0.5
2,2'4,5,5'-Pentachlorobiphenyl	<0.5	<1	<1	<1	<0.5
2,2'3,4,5'-Pentachlorobiphenyl	<0.5	<1	<1	1.13	<0.5
2,3,3'4',6-Pentachlorobiphenyl	<0.5	<1	1.52	2.13	0.54
2,3'4,4',5-Pertachlorobiphenyl	<0.5	<1	<1	<1	<0.5
2,3,3',4,4'-Pentachlorobiphenyl	<0.5	<1	<1	1.03	0.61
3,3'4,4'5-Pentachlorobiphenyl	<0.5	<1	<1	<1	<0.5
2,2',4,4',5,5'-Hexachlorobiphenyl	<0.5	<1	<1	<1	0.59
2,2',3,4,4',5'-Hexapchlorobiphenyl	<0.5	<1	<1	<1	0.50
3,3'4,4',5,5'-Hexachlorobiphenyl	<0.5	<1	<1	<1	<0.5
2,2',3,4,4',5,5'-Heptachlorobiphe	<0.5	<1	<1	<1	<0.5
Sum of Target PCB	<0.5	<1	1.52	5.54	3.88
Penols					
Pentchlorophenol	1.84	<1	NA[a]	NA	NA
Nonylphenols	29.8	10.5	74.5	15.7	NA
Bisphenol-A	36.7	<1	15.3	12.1	NA
Sum of Phenols	68.3	10.5	<1	<1	NA
HA					
2,4-D	2.57	6.31	<1	<1	NA

(a) NA denotes not analyzed.

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16. ABSTRACT

Field methods for determining children's exposure to selected persistent organic pollutants (POP), including polycyclic aromatic hydrocarbons and other semi-volatile organic compounds (SVOC) were evaluated and applied to estimate the ranges of potential exposures through air, dust, and food, of a small set of children from low-income and middle-income families. A field study was conducted at nine day care facilities, and a second field study was conducted which measured the total exposures to multiple compound classes – polycyclic aromatic hydrocarbons (PAH), polychlorinated biphenyls (PCB), phthalate esters (PE), phenols (Ph), organochlorine (OC) pesticides, organophosphate (OP) pesticides, and a herbicide acid (HA) – of nine children selected from two of the day care centers. Ingestion, both dietary and nondietary, was a primary route of exposure for many of the compounds, but other routes were also important, depending on the compound class.

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