

## Supplementary Materials:

# Chemometric Study of the Correlation between Human Exposure to Benzene and PAHs and Urinary Excretion of Oxidative Stress Biomarkers

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Table S1: Biomarkers levels in the 47 subjects with the highest level of exposure

8oxoGua	8oxoGuo	8oxodGuo	3NO2Tyr	Cotinine	SPMA	1OHPy	6OHNPY	3OHBaP	1OHNAP	2OHNAP	1+2 OHNAP
51.34	8.73	5.39	8.74	4.49	0.56	0.0113	0.0001	0	2.11	11.58	13.68
50	10.42	5.33	7.6	592.64	1.5	0.0098	0.0001	0	0	11.04	11.04
54.94	9.75	3.99	9.32	40.85	0.26	0.0999	0.0002	0	1.46	7.38	8.85
70.83	9.11	3.74	10.92	1712.62	2.41	0.0559	0.0002	0	3.2	8.6	11.8
115.15	18.73	8.12	13.14	4445.78	0.67	0.0964	0.0035	0.0819	9.23	14.12	23.35
79.31	11.34	5.39	14.69	3983.86	4.38	0.1852	0.6648	0	3.9	10.35	14.25
31.91	13.15	6.74	11.3	959.53	0.69	0.105	0.2215	0	2.71	7.41	10.12
84.54	16.43	6.16	11.08	9.09	0.88	0.6932	1.7439	0.1965	2.47	3.84	6.31
47.25	9.73	6.51	7.37	1538.12	0.4	0.1596	0.6637	0	1.61	9.42	11.02
287.13	20.12	6.48	17.27	1181.97	1.95	0.3322	0.985	0.0001	4.29	7.21	11.5
94.8	12.36	4.6	15.27	2152.9	1.02	0.2355	0.8963	0.0001	4.39	7.98	12.37
78.7	12.42	6.27	10.99	3192.49	2.43	0.5211	1.252	0.1377	4.65	6.93	11.58
77.6	11.76	7.82	5.79	2455.56	2.06	0.1256	0.6444	0	4.76	7.87	12.62
66.39	11.76	4.78	16.95	60.55	0.01	0.2535	1.1879	0.0001	1.26	8.09	9.34
69.4	11.03	12.49	8.06	4005.49	3.07	0.085	0.5734	0	4.2	7.31	11.51
138.4	16.48	7.73	23.18	4615.38	4.55	0.3823	1.3054	0.1515	6.04	9.51	15.55
60.99	12.07	7.48	11.36	2752.58	2.61	0.0114	0.0002	0	1.62	3.42	5.04
266.25	16.51	3.66	23.68	37.35	0.03	1.1156	3.8095	0.0002	4.97	2.89	7.86
21.43	11.19	7.25	6.27	326.94	0.24	0.0242	0.0001	0	0	12.68	12.68
41.51	11.29	4.88	7.88	1233.11	0.11	0.1277	0.4392	0	7.5	4.99	12.49
110.67	10.24	2.98	22.21	35.55	0.01	0.4624	1.368	0.0655	2.62	4.2	6.82
45.27	13.59	9.44	9.29	15236.57	1.81	0.4427	0.0001	0	26.3	10.95	37.25
121.41	6.82	4.63	11.89	1430.3	0.99	0.7393	0.0087	0	16.98	0	16.99
145.6	19.15	15.45	18.55	21600	5.34	0.2	0.0015	0.0001	12.29	7.13	19.42
42.53	8.24	5.76	11.39	13872.83	2.25	0.4005	0.003	0	11.11	9	20.11
59.55	9.56	6.09	7.39	9550.78	2.28	1.0791	0.0024	0	20.21	5.79	26

72.53	8.91	5.3	7.66	9463.99	4.07	0.0002	0.0001	0	0	0.01	0.01
54.35	11.44	6.74	18.32	1271.23	5.82	0.2192	0.0002	0	3.83	3.94	7.77
26.91	13.19	5.66	8.96	2480.05	3.67	0.0001	0.0001	0	12.22	5.04	17.26
141.7	6.22	3.67	7.85	27.87	0.42	0.0853	0.0003	0.0001	12.73	0.89	13.62
163.36	17.8	7.23	12.87	5325.26	0.75	0.1134	0.0002	0.0343	7.67	3.06	10.73
40.95	13.85	7.31	5.74	3.2	0.19	0.0001	0.0001	0	4.84	27.33	32.16
76.48	11.84	6.86	24.73	10132.26	2.24	0.6401	0.0016	0	0	0	0
175.79	12.63	4.47	7.79	2083.85	2.64	0.0385	0.0002	0	0	17.26	17.26
52.11	27.81	9.91	8.99	2385.54	0.48	0.4373	0.0002	0	10.02	1.67	11.69
58.78	10.82	6.28	11.77	6422.69	0.97	0.0001	0.0001	0	9.82	8.24	18.06
75.01	9.03	4.78	9.65	21.56	0.1	0.0638	0.0003	0.0001	32.44	1.1	33.54
57.21	10.61	4.6	9.69	627.64	2.47	0.0001	0.0001	0	21.97	0	21.97
70.06	7.68	4.65	12.48	12009.72	3.45	0.1229	0.0002	0.0001	11.33	5.88	17.2
120.98	21.9	14.6	18.17	18.98	1.02	0.0004	0.0003	0.0001	32.49	24.1	56.6
37.58	13.25	11.53	6.34	7.54	0.06	0.0002	0.0001	0	16.82	0.07	16.89
66.86	6.24	2.08	15.85	3854.35	10.93	0.0004	0.0003	0.0001	19.01	12.18	31.19
83.15	5.54	1.45	16.54	1383.37	2.99	0.1523	0.0021	0.0001	4.95	2.83	7.78
142.74	4.06	4.14	6.71	5.88	0.02	0.4253	0.0001	0	20.72	0	20.73
81.48	4.39	0.2	16.59	3149.17	10.06	0.151	0.0003	0.0001	7.31	8.44	15.76
126.89	5.07	1.32	9.46	3419.24	7.41	0.4347	0.0003	0.0001	20.27	11.51	31.79
153.94	6.08	2.84	11.45	405.13	0.04	0.0005	0.0004	0.0001	15.32	31.67	46.99