

Data Summary Statistics

Site:	Castlefield Viaduct	Project No:	PC2387
Data Description:	Soil Data		
Land Use:	Drinking water pipe assessment	Completed By:	KD
Receptor:	Human health	Checked By:	PP

Assessment Criteria Key

- a) UK WIR PVC Pipe Material
b) UK WIR PE Pipe Material

Contaminant	Units	Method Detection Limit	Assessment Criteria (AC)	Source (see key)	Summary Statistics							Sample Identifiers and Analytical Data										
					Total Number of Samples	Results Above Detection Limit	Minimum	Maximum	Arithmetic Mean	Standard Deviation	Number of results >AC	HP101	HP102	HP103	HP104	HP105	HP106	HP107	HP108	HP109	HP110	HP Dup 1
												0.00-0.25	0.00-0.30	0.00-0.15	0.00-0.30	0.00-0.20	0.00-0.30	0.00-0.30	0.00-0.30	0.00-0.15	0.00-0.10	one Sample
												08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021
Asbestos in Soil	Type	N/A	-		0	0	#VALUE!	#VALUE!	-	-	-	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
pH - Automated	pH Units	N/A	-		11	11	7.7	8	7.86363636	0.11200649	-	7.7	8	7.8	8	7.9	7.9	7.8	7.7	8	7.8	7.9
Ammoniacal Nitrogen as N	mg/kg	0.5	-		11	4	0.5	2.3	0.81818182	0.57239529	-	< 0.5	< 0.5	0.8	< 0.5	1	2.3	< 0.5	< 0.5	1.4	< 0.5	< 0.5
Total Organic Carbon (TOC)	%	0.1	-		11	11	4.8	8.1	6.46363636	1.13514116	-	6.3	6	8.1	4.8	4.8	6.3	5.8	8.1	6.4	7.4	7.1
Total Phenols (monohydric)	mg/kg	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene	mg/kg	0.05	-		11	11	0.58	18	4.22636364	5.55266472	-	2.7	1.8	2.4	2.3	1.4	1.1	3.3	0.91	0.58	18	12
Acenaphthylene	mg/kg	0.05	1.4	a	11	9	0.05	28	5.07818182	10.1652445	2	0.61	< 0.05	1.3	0.27	0.59	0.69	0.95	0.35	< 0.05	28	23
Acenaphthene	mg/kg	0.05	1.4	a	11	11	1.4	85	17.9272727	30.4506844	10	7.4	1.6	6.2	3.6	2.9	3.1	11	1.4	2	85	73
Fluorene	mg/kg	0.05	1.4	a	11	11	0.97	50	10.7245455	18.0696604	8	5.2	1	3.7	2	1.7	1.9	6.3	0.97	1.2	50	44
Phenanthrene	mg/kg	0.05	1.4	a	11	11	11	540	114.818182	189.97885	11	49	13	54	20	24	22	68	12	11	540	450
Anthracene	mg/kg	0.05	1.4	a	11	11	2.4	130	27.3454545	44.1609865	11	13	3.3	16	4.2	6.5	5.1	17	3.3	2.4	130	100
Fluoranthene	mg/kg	0.05	1.4	a	11	11	17	760	183.363636	265.891058	11	81	24	170	29	65	43	140	28	17	760	660
Pyrene	mg/kg	0.05	1.4	a	11	11	16	710	171.909091	244.8385	11	78	23	170	26	67	42	130	29	16	710	600
Benzo(a)anthracene	mg/kg	0.05	1.4	a	11	11	6.7	320	87.4272727	116.218364	11	41	14	97	14	39	22	83	15	6.7	320	310
Chrysene	mg/kg	0.05	1.4	a	11	11	6.3	270	71.6636364	90.2270721	11	39	12	94	14	33	22	64	14	6.3	270	220
Benzo(b)fluoranthene	mg/kg	0.05	1.4	a	11	11	7.3	310	92.2090909	113.974826	11	44	14	130	16	46	24	94	19	7.3	310	310
Benzo(k)fluoranthene	mg/kg	0.05	1.4	a	11	11	2.9	150	39.1545455	50.5491912	11	16	5.3	97	5.9	16	11	23	7.6	2.9	150	96
Benzo(a)pyrene	mg/kg	0.05	1.4	a	11	11	6.4	320	79.9454545	111.13412	11	37	12	62	13	39	22	72	16	6.4	320	280
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	1.4	a	11	11	2.8	150	37.8636364	52.0378376	11	14	5.8	42	5.9	17	9.8	31	8.2	2.8	150	130
Dibenz(a,h)anthracene	mg/kg	0.05	1.4	a	11	11	0.74	32	9.00363636	10.9829753	9	4.4	1.4	12	1.8	4.3	2.7	9.5	2.2	0.74	32	28
Benzo(ghi)perylene	mg/kg	0.05	1.4	a	11	11	3.3	180	44.8636364	63.36591	11	17	6.5	46	6.4	19	11	35	9.3	3.3	180	160
Speciated Total EPA-16 PAHs	mg/kg	0.8	-		11	11	86.1	4040	994.190909	1404.21679	-	448	140	996	164	382	243	781	166	86.1	4040	3490
Arsenic (aqua regia extractable)	mg/kg	1	-		11	11	16	83	59.5454545	17.935237	-	62	69	51	66	44	76	66	83	16	60	62
Barium (aqua regia extractable)	mg/kg	1	-		11	11	56	610	313.272727	135.313777	-	310	230	610	220	330	330	410	310	56	360	280
Beryllium (aqua regia extractable)	mg/kg	0.06	-		11	11	1.2	1.9	1.55454545	0.26215887	-	1.7	1.9	1.5	1.3	1.2	1.8	1.9	1.4	1.2	1.7	1.5
Boron (water soluble)	mg/kg	0.2	-		11	11	0.3	1.3	0.79090909	0.28090762	-	1.1	0.7	0.7	0.5	0.6	1	0.3	0.9	1.3	0.8	0.8
Cadmium (aqua regia extractable)	mg/kg	0.2	-		11	7	0.2	3.4	1.76363636	1.31626192	-	2.4	3.1	2.6	2.7	1.6	3.4	2.8	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	-		11	0	1.2	1.2	-	-	-	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	-		11	11	44	81	60.5454545	9.5850262	-	58	69	63	60	57	63	64	81	44	56	51
Chromium (aqua regia extractable)	mg/kg	1	-		11	11	45	82	60.9090909	9.65872192	-	58	69	63	61	57	64	64	82	45	56	51
Copper (aqua regia extractable)	mg/kg	1	-		11	11	38	340	268.909091	88.0970539	-	330	310	230	250	210	320	290	340	38	330	310
Lead (aqua regia extractable)	mg/kg	1	-		11	11	59	4400	1357.18182	1144.33446	-	1200	550	4400	520	1400	1100	2100	1200	59	1400	1000
Mercury (aqua regia extractable)	mg/kg	0.3	-		11	0	0.3	0.3	-	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	-		11	11	39	150	71.4545455	28.1828446	-	67	80	150	61	55	70	70	73	39	60	61
Selenium (aqua regia extractable)	mg/kg	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	-		11	11	65	85	71.8181818	6.46247912	-	67	70	65	68	67	85	82	76	69	71	70
Zinc (aqua regia extractable)	mg/kg	1	-		11	11	110	990	484.545455	250.813223	-	680	290	500	320	320	390	480	460	110	990	790
Benzene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1						

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												0.00-0.25	0.00-0.30	0.00-0.15	0.00-0.30	0.00-0.20	0.00-0.30	0.00-0.30	0.00-0.30	0.00-0.15	0.00-0.10	one Sample
												08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	
Vinyl Chloride	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	-		11	0	1	1	-	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,2-dichloroethene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	30	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2,2-Dichloropropane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,2-dichloroethene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cis-1,3-dichloropropene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-dichloropropene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromoethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-Xylene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
n-Propylbenzene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene	µg/kg	1	125	a	11	0	1	1	-	-	0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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												0.00-0.25	0.00-0.30	0.00-0.15	0.00-0.30	0.00-0.20	0.00-0.30	0.00-0.30	0.00-0.30	0.00-0.15	0.00-0.10	one Supplie
												08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021	08/07/2021
Naphthalene	mg/kg	0.05	-		11	11	0.58	18	4.22636364	5.55266472	-	2.7	1.8	2.4	2.3	1.4	1.1	3.3	0.91	0.58	18	12
2,4-Dichlorophenol	mg/kg	0.3	1.4	a	11	0	0.3	0.3	-	-	0	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	1.4	a	11	0	0.1	0.1	-	-	0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	1.4	a	11	0	0.1	0.1	-	-	0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	1.4	a	11	0	0.1	0.1	-	-	0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	1.4	a	11	0	0.1	0.1	-	-	0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	1.4	a	11	0	0.2	0.2	-	-	0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	1.4	a	11	2	0.1	29	4.9	10.7376906	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	29	24
2-Chloronaphthalene	mg/kg	0.1	1.4	a	11	0	0.1	0.1	-	-	0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	1.4	a	11	0	0.1	0.1	-	-	0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	1.4	a	11	0	0.1	0.1	-	-	0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	1.4	a	11	8	0.05	23	2.53727273	6.79835582	1	0.61	< 0.05	1.3	0.27	0.59	0.69	0.95	0.35	< 0.05	< 0.05	23
Acenaphthene	mg/kg	0.05	-		11	11	1.4	85	17.9272727	30.4506844	-	7.4	1.6	6.2	3.6	2.9	3.1	11	1.4	2	85	73
2,4-Dinitrotoluene	mg/kg	0.2	-		11	0	0.2	0.2	-	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	1.4	a	11	2	0.2	25	4.43636364	9.44915581	2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	25	22
4-Chlorophenyl phenyl ether	mg/kg	0.3	1.4	a	11	0	0.3	0.3	-	-	0	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	1.4	a	11	0	0.2	0.2	-	-	0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	1.4	a	11	0	0.2	0.2	-	-	0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	-		11	11	0.97	50	10.7245455	18.0696604	-	5.2	1	3.7	2	1.7	1.9	6.3	0.97	1.2	50	44
Azobenzene	mg/kg	0.3	1.4	a	11	0	0.3	0.3	-	-	0	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	-		11	0	0.2	0.2	-	-	-	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	1.4	a	11	0	0.3	0.3	-	-	0	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	1.4	a	11	11	11	540	114.818182	189.97885	11	49	13	54	20	24	22	68	12	11	540	450
Anthracene	mg/kg	0.05	1.4	a	11	11	2.4	130	27.3454545	44.1609865	11	13	3.3	16	4.2	6.5	5.1	17	3.3	2.4	130	100
Carbazole	mg/kg	0.3	1.4	a	11	0	0.3	0.3	-	-	0	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	1.4	a	11	0	0.2	0.2	-	-	0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	-		11	0	0.3	0.3	-	-	-	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	1.4	a	11	11	17	760	183.363636	265.891058	11	81	24	170	29	65	43	140	28	17	760	660
Pyrene	mg/kg	0.05	1.4	a	11	11	16	710	171.909091	244.8385	11	78	23	170	26	67	42	130	29	16	710	600
Butyl benzyl phthalate	mg/kg	0.3	1.4	a	11	0	0.3	0.3	-	-	0	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	1.4	a	11	11	6.7	320	87.4272727	116.218364	11	41	14	97	14	39	22	83	15	6.7	320	310
Chrysene	mg/kg	0.05	1.4	a	11	11	6.3	270	71.6636364	90.2270721	11	39	12	94	14	33	22	64	14	6.3	270	220
Benzo(b)fluoranthene	mg/kg	0.05	1.4	a	11	11	7.3	310	92.2090909	113.974826	11	44	14	130	16	46	24	94	19	7.3	310	310
Benzo(k)fluoranthene	mg/kg	0.05	1.4	a	11	11	2.9	150	39.1545455	50.5491912	11	16	5.3	97	5.9	16	11	23	7.6	2.9	150	96
Benzo(a)pyrene	mg/kg	0.05	1.4	a	11	11	6.4	320	79.9454545	111.13412	11	37	12	62	13	39	22	72	16	6.4	320	280
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	1.4	a	11	11	2.8	150	37.8636364	52.0378376	11	14	5.8	42	5.9	17	9.8	31	8.2	2.8	150	130
Dibenz(a,h)anthracene	mg/kg	0.05	1.4	a	11	11	0.74	32	9.00363636	10.9829753	9	4.4	1.4	12	1.8	4.3	2.7	9.5	2.2	0.74	32	28
Benzo(ghi)perylene	mg/kg	0.05	1.4	a	11	11	3.3	180	44.8636364	63.36591	11	17	6.5	46	6.4	19	11	35	9.3	3.3	180	160
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