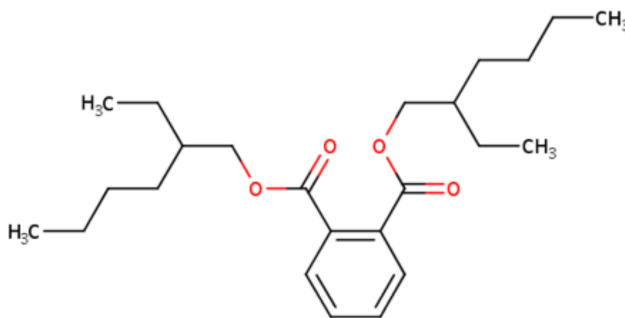


**Data Extraction Information for  
General Population, Consumer, and Environmental Exposure for  
Diethylhexyl Phthalate (DEHP)  
(1,2-Benzenedicarboxylic acid, 1,2-bis(2-ethylhexyl) ester)**

**Systematic Review Support Document for the Risk Evaluation**

**CASRN: 117-81-7**



*December 2025*

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This supplemental file contains information regarding the data extraction results for data sources that met the PECO screening criteria for the *Consumer and Indoor Dust Exposure Assessment for Diethylhexyl Phthalate (DEHP)*, *Environmental Media and GenPop Screening for Diethylhexyl Phthalate (DEHP)*, *Biomonitoring Assessment for Diethylhexyl Phthalate (DEHP) (NHANES)*, and *Environmental Exposure Assessment for Diethylhexyl Phthalate (DEHP)*, EPA performs data extraction as part of the TSCA systematic review process described in the *Draft Systematic Review Protocol Supporting TSCA Risk Evaluations for Chemical Substances*. The systematic review steps are further described in the *Risk Evaluation for Diethylhexyl Phthalate (DEHP)*, referred hereafter as the “DEHP Systematic Review Protocol”.

EPA conducted data quality evaluation and extraction based on author-reported descriptions and results; additional analyses (e.g., statistical analyses) potentially conducted by EPA are not contained in this supplemental file. The data extraction results herein are organized by evidence streams and media types. A reference may contain data for multiple evidence streams and/or media types and will be cited in different tables if appropriate. The media type “All Applicable Media” refers to modeled doses or intakes calculated from human biomonitoring data (e.g., urine, blood, etc.) or when the media specific to the modeled route (e.g., inhalation, oral, etc.) are not clearly defined. In the data extraction results, “POINT VALUE(S)” denotes when the author(s) did not report a minimum, maximum, mean, or any other summary statistics, but rather single reported level(s) (e.g., chemical concentration). Summary statistic values that were less than the analytical limit were substituted with “0,” “ND,” “<LOD,” and “<LOQ,” as reported by the study. For further details about extraction criteria, review the the DEHP Systematic Review Protocol.

Acronyms and abbreviations used within this supplemental file are defined in the table at the end of this file. The two letter country codes defined herein are consistent with those used in the searchable International Standardization Organization (ISO) 3166 standard for country codes. Finally, “NR” preceding a country code indicates that the author(s) did not report the city, state and region. This supplemental file may also be referred to as DEHP Data Extraction Information for General Population, Consumer, and Environmental Exposure.

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Table 1: Data Extraction Tables of Exposure Monitoring Studies for Ambient Air

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Stenungsund, SE Scenario: Ambient air from Stenugsund, industrial point source (n = 3; DF = 1; Sampling Period: Nov., 2006 - Apr., 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2.1 ng/m <sup>3</sup> ; 1.1 ng/m <sup>3</sup> ; 1.3 ng/m <sup>3</sup> ]				
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Gislaved, SE Scenario: Ambient air from industrial point source (n = 3; DF = 1; Sampling Period: Nov., 2006 - Apr., 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2.9 ng/m <sup>3</sup> ; 2.9 ng/m <sup>3</sup> ; 3.0 ng/m <sup>3</sup> ]				
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Stockholm, SE Scenario: Ambient air from Stockholm, Wollmar Yxkullsg .25, urban diffuse source (n = 3; DF = 1; Sampling Period: Nov., 2006 - Apr., 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.7 ng/m <sup>3</sup> ; 1.3 ng/m <sup>3</sup> ; 1.4 ng/m <sup>3</sup> ]				
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Rao, SE Scenario: Ambient air from background source (n = 3; DF = 1; Sampling Period: Nov., 2006 - Apr., 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.1 ng/m <sup>3</sup> ; 0.5 ng/m <sup>3</sup> ; 0.6 ng/m <sup>3</sup> ]				
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Lanshan district, CN Scenario: Ambient air from Lanshan district (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	4.92e-07 Other (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Coach Terminal Station, CN Scenario: Ambient air from Coach Terminal Station (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	3.78e-07 Other (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Ninghe garden, CN Scenario: Ambient air from NingHe garden (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	9.9e-08 Other (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID:</b> 4167514 <i>OQD:</i> Medium	Mexico City, MX Scenario: Ambient air PM10 measures from roof of medical clinic - November (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	89.2 µg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID:</b> 4167514 <i>OQD:</i> Medium	Mexico City, MX Scenario: Ambient air PM10 measures from roof of medical clinic - December (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	121.1 µg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID:</b> 4167514 <i>OQD:</i> Medium	Mexico City, MX Scenario: Ambient air PM10 measures from roof of medical clinic - January (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	108.9 µg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID:</b> 4167514 <i>OQD:</i> Medium	Mexico City, MX Scenario: Ambient air PM10 measures from roof of medical clinic - February (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	91.5 µg/g (AM)	NR	NR

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Table 1 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM10 measures from roof of medical clinic - March (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	32.8 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM10 measures from roof of medical clinic - April (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	175.8 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM10 measures from roof of medical clinic - May (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	53.3 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM2.5 measures from roof of medical clinic - November (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	40.3 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM2.5 measures from roof of medical clinic - December (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	51.1 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM2.5 measures from roof of medical clinic - January (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	86.6 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM2.5 measures from roof of medical clinic - February (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	90.2 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM2.5 measures from roof of medical clinic - March (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	21.5 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM2.5 measures from roof of medical clinic - April (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	152.1 μg/g (AM)	NR	NR
Quintana-Belmares et al. 2018 <b>HERO ID: 4167514</b> OQD: Medium	Mexico City, MX Scenario: Ambient air PM2.5 measures from roof of medical clinic - May (n = 3; DF = 1; Sampling Period: Nov., 2012 - May, 2013)	LOD: Not Reported LOQ: Not Reported	NR	NR	229.7 μg/g (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Agarwal et al. 2020 <b>HERO ID:</b> 6824497 <i>OQD:</i> Medium	Delhi, India, IN Scenario: Ambient air at an urban site (n = 5; DF = 1; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	105.73 ng/m <sup>3</sup>	509.29 ng/m <sup>3</sup>	302.71 ng/m <sup>3</sup> (AM)	NR	NR
Agarwal et al. 2020 <b>HERO ID:</b> 6824497 <i>OQD:</i> Medium	Delhi, India, IN Scenario: Ambient air downwind from a landfill site with waste burning (n = 7; DF = 1; Sampling Period: Oct., 2014)	LOD: Not Reported LOQ: Not Reported	1727.13 ng/m <sup>3</sup>	42671.0 ng/m <sup>3</sup>	14195.0 ng/m <sup>3</sup> (AM)	NR	NR
Salapasidou et al. 2011 <b>HERO ID:</b> 1249468 <i>OQD:</i> High	Thessaloniki, GR Scenario: Ambient PM10 at urban-traffic site in Thessaloniki, Greece (n = 10; DF = 1; Sampling Period: Jan., 2007 - Feb., 2007)	LOD: Not Reported LOQ: Not Reported	4.63 ng/m <sup>3</sup>	45.0 ng/m <sup>3</sup>	21.3 ng/m <sup>3</sup> (AM)	50th: 19.4 ng/m <sup>3</sup> ;	11.2 ng/m <sup>3</sup> (ASD)
Salapasidou et al. 2011 <b>HERO ID:</b> 1249468 <i>OQD:</i> High	Thessaloniki, GR Scenario: Ambient PM10 at urban-industrial site in Thessaloniki, Greece (n = 10; DF = 0.9; Sampling Period: Jan., 2007 - Feb., 2007)	LOD: Not Reported LOQ: Not Reported	<LOD	6.5 ng/m <sup>3</sup>	2.86 ng/m <sup>3</sup> (AM)	50th: 2.8 ng/m <sup>3</sup> ;	1.81 ng/m <sup>3</sup> (ASD)
Blanchard et al. 2013 <b>HERO ID:</b> 1315297 <i>OQD:</i> High	Paris, FR Scenario: Outdoor air from roof of university (n = 6; DF = NR; Sampling Period: May, 2008 - Sept., 2008)	LOD: Not Reported LOQ: 20.0 pg/m <sup>3</sup>	NR	NR	8.602 ng/m <sup>3</sup> (AM)	NR	8.838 ng/m <sup>3</sup> (ASD)
Moreau-Guigon et al. 2016 <b>HERO ID:</b> 3470397 <i>OQD:</i> High	Paris, FR Scenario: Outdoor air during heating season (n = 6; DF = NR; Sampling Period: Jan., 2012 - Mar., 2012)	LOD: Not Reported LOQ: Not Reported	NR	NR	19.0 ng/m <sup>3</sup> (AM)	NR	4.0 ng/m <sup>3</sup> (ASD)
Maceira et al. 2020 <b>HERO ID:</b> 6816026 <i>OQD:</i> High	Tarragona Harbour, Tarragona, ES Scenario: Outdoor air samples from a large industrial harbor area (n = 12; DF = 1; Sampling Period: Sept., 2018 - Feb., 2019)	LOD: 14.0 pg/m <sup>3</sup> LOQ: 68.0 pg/m <sup>3</sup>	4708.0 pg/m <sup>3</sup>	97690.0 pg/m <sup>3</sup>	32273.0 pg/m <sup>3</sup> (AM)	50th: 30379.0 pg/m <sup>3</sup> ;	NR
Maceira et al. 2020 <b>HERO ID:</b> 6816026 <i>OQD:</i> High	Constanti, Tarragona, ES Scenario: Outdoor air samples from a town surrounded by industrial activities (n = 12; DF = 1; Sampling Period: Sept., 2018 - Feb., 2019)	LOD: 14.0 pg/m <sup>3</sup> LOQ: 68.0 pg/m <sup>3</sup>	1875.0 pg/m <sup>3</sup>	42903.0 pg/m <sup>3</sup>	19164.0 pg/m <sup>3</sup> (AM)	50th: 13569.0 pg/m <sup>3</sup> ;	NR
Baek et al. 2020 <b>HERO ID:</b> 6950643 <i>OQD:</i> Medium	Ulsan, KR Scenario: Ambient air from residential area in Ulsan (n = 181; DF = 1; Sampling Period: Spring, 2009 - winter, 2010)	LOD: 2.24 ng/m <sup>3</sup> LOQ: Not Reported	NR	243.67 ng/m <sup>3</sup>	80.69 ng/m <sup>3</sup> (AM)	NR	NR
Baek et al. 2020 <b>HERO ID:</b> 6950643 <i>OQD:</i> Medium	Ulsan, KR Scenario: Ambient air from multi-industrial city of Ulsan (n = 181; DF = <1; Sampling Period: Spring, 2009 - winter, 2010)	LOD: 2.24 ng/m <sup>3</sup> LOQ: Not Reported	NR	222.95 ng/m <sup>3</sup>	58.72 ng/m <sup>3</sup> (AM)	NR	NR

Table 2: Data Extraction Tables of Exposure Monitoring Studies for Aquatic Species

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cousins et al. 2007 <b>HERO ID: 675060</b> OQD: Medium	Gardsjon, SE Scenario: Fish from Gardsjon, background (n = 3; DF = 0.667; Sampling Period: Nov., 2005 - Apr., 2007)	LOD: 10.0 µg/kg LOQ: Not Reported	POINT VALUE(S): [15 µg/kg; <LOD; <LOD]				
Cousins et al. 2007 <b>HERO ID: 675060</b> OQD: Medium	Ovre Skarsjon; Krageholmssjon; Lilla Oresjon; Tarnan, SE Scenario: Fish from national background lakes (n = 4; DF = 0.25; Sampling Period: Nov., 2005 - Apr., 2007)	LOD: 10.0 µg/kg LOQ: Not Reported	POINT VALUE(S): [ <LOD; <LOD; 20 µg/kg; <LOD]				
Cousins et al. 2007 <b>HERO ID: 675060</b> OQD: Medium	Stenungsund, SE Scenario: Fish from Stenungsund lakes, industrial point source (n = 3; DF = 0.336; Sampling Period: Nov., 2005 - Apr., 2007)	LOD: 10.0 µg/kg LOQ: Not Reported	POINT VALUE(S): [26 µg/kg; <LOD; <LOD]				
Cousins et al. 2007 <b>HERO ID: 675060</b> OQD: Medium	Stockholm, SE Scenario: Fish from Stockholm, urban diffuse source (n = 3; DF = 0.336; Sampling Period: Nov., 2005 - Apr., 2007)	LOD: 10.0 µg/kg LOQ: Not Reported	POINT VALUE(S): [ <LOD; <LOD; 23 µg/kg]				
Lin et al. 2003 <b>HERO ID: 680053</b> OQD: High	Vancouver, BC, CA Scenario: Striped Seaperch from North Central False Creek Harbor (n = 9; DF = NR; Sampling Period: Jan., 2003)	LOD: 4.2 ng/g LOQ: Not Reported	NR	NR	2.30 ppb (AM)	NR	5.44 ppb (ASD)
Lin et al. 2003 <b>HERO ID: 680053</b> OQD: High	Vancouver, BC, CA Scenario: Striped Seaperch from East Basin False Creek Harbor (n = 9; DF = NR; Sampling Period: Jan., 2003)	LOD: 4.2 ng/g LOQ: Not Reported	NR	NR	0.73 ppb (AM)	NR	0 ppb (ASD)
Lin et al. 2003 <b>HERO ID: 680053</b> OQD: High	Vancouver, BC, CA Scenario: Striped Seaperch from Marina South False Creek Harbor (n = 9; DF = NR; Sampling Period: Jan., 2003)	LOD: 4.2 ng/g LOQ: Not Reported	NR	NR	0.82 ppb (AM)	NR	0 ppb (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Green algae from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	16.7 ng/g	4.07 ng/g (AM)	NR	0.70 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Brown algae from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.02 ng/g (AM)	NR	0.04 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Plankton from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	4.22 ng/g (AM)	NR	0.50 ng/g (ASD)

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Table 2 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Blue mussels from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.15 ng/g (AM)	NR	0.36 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Geoduck clams from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.82 ng/g (AM)	NR	0.48 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Manila clams from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.06 ng/g (AM)	NR	0.32 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Pacific oysters from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.49 ng/g (AM)	NR	0.45 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Dungeness crabs (hepatopancreas) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.14 ng/g (AM)	NR	0.84 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Purple seastar (cross-section) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.90 ng/g (AM)	NR	0.12 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Juvenile shiner perch from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.74 ng/g (AM)	NR	0.33 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Pacific herring (muscle) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.40 ng/g (AM)	NR	0.15 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Pile perch (muscle) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.99 ng/g (AM)	NR	0.05 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID: 789501</b> OQD: Low	Vancouver, British Columbia, CA Scenario: Striped seaperch (muscle) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.12 ng/g (AM)	NR	0.49 ng/g (ASD)

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Table 2 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Mackintosh et al. 2004 <b>HERO ID:</b> 789501 <i>OQD:</i> Low	Vancouver, British Columbia, CA Scenario: Pacific staghorn sculpin (muscle) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.57 ng/g (AM)	NR	1.16 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID:</b> 789501 <i>OQD:</i> Low	Vancouver, British Columbia, CA Scenario: English sole (muscle) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.66 ng/g (AM)	NR	0.59 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID:</b> 789501 <i>OQD:</i> Low	Vancouver, British Columbia, CA Scenario: White-spotted greenling (muscle) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	3.14 ng/g (AM)	NR	0.33 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID:</b> 789501 <i>OQD:</i> Low	Vancouver, British Columbia, CA Scenario: Spiny dogfish (muscle) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.12 ng/g (AM)	NR	0.12 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID:</b> 789501 <i>OQD:</i> Low	Vancouver, British Columbia, CA Scenario: Spiny dogfish (liver) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.06 ng/g (AM)	NR	0.79 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID:</b> 789501 <i>OQD:</i> Low	Vancouver, British Columbia, CA Scenario: Spiny dogfish (embryo) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.75 ng/g (AM)	NR	0.17 ng/g (ASD)
Mackintosh et al. 2004 <b>HERO ID:</b> 789501 <i>OQD:</i> Low	Vancouver, British Columbia, CA Scenario: Surf scoters (liver) from 3 False Creek Harbor sampling stations (n = 9; DF = NR; Sampling Period: Jun., 1999 - Sept., 1999)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.35 ng/g (AM)	NR	0.28 ng/g (ASD)
Valton et al. 2014 <b>HERO ID:</b> 2347469 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MEOHP</i>	Île-de-France district, FR Scenario: Liver tissue of common roach (n = 4; DF = NR; Sampling Period: Jun., 2014)	LOD: 5.0 pg LOQ: 10.0 ng/g	NR	NR	7.1 ng/g (AM)	NR	2.6 ng/g (ASD)
Valton et al. 2014 <b>HERO ID:</b> 2347469 <i>OQD:</i> Medium	Île-de-France district, FR Scenario: Muscle tissue of common roach (n = 4; DF = NR; Sampling Period: Jun., 2014)	LOD: 5.0 pg LOQ: 10.0 ng/g	NR	NR	523 ng/g (AM)	NR	309 ng/g (ASD)
Valton et al. 2014 <b>HERO ID:</b> 2347469 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MEOHP</i>	Île-de-France district, FR Scenario: Plasma of common roach (n = 4; DF = NR; Sampling Period: Jun., 2014)	LOD: 6.0 pg LOQ: 16.0 pg/mL	NR	NR	24.5 ng/mL (AM)	NR	9.6 ng/mL (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Valton et al. 2014 <b>HERO ID:</b> 2347469 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MEOHP</i>	Île-de-France district, FR Scenario: Bile of common roach (n = 4; DF = NR; Sampling Period: Jun., 2014)	LOD: 6.0 pg LOQ: 7.0 pg/mL	NR	NR	<LOQ	NR	NR
Lee et al. 2019 <b>HERO ID:</b> 5043593 <i>OQD:</i> High	Pyeongtaek and Asan, Gyeonggi Province, KR Scenario: Lake Fish affected from industrial complex (n = 30; DF = 0.47; Sampling Period: Oct., 2016 - Jul., 2017)	LOD: 0.27 $\mu\text{g/kg}$ LOQ: 0.82 $\mu\text{g/kg}$	ND	568 $\mu\text{g/kg}$	83.3 $\mu\text{g/kg}$ (AM)	NR	NR
Bargar et al. 2013 <b>HERO ID:</b> 5427811 <i>OQD:</i> Medium	Virgin Islands National Park (VIIS), VI Scenario: Damselfish collected from four coral reefs in the Virgin Islands (n = 10; DF = 0; Sampling Period: 2013)	LOD: 10.0 ng/g LOQ: Not Reported	NR	NR	ND	NR	NR
Guerranti et al. 2017 <b>HERO ID:</b> 5739752 <i>OQD:</i> Medium	Abruzzi region, IT Scenario: Barbell muscle from Aterno and Pescara confluence (n = 5; DF = 0; Sampling Period: 2017)	LOD: 10.0 ng/g LOQ: Not Reported	NR	NR	<LOD	NR	NR
Guerranti et al. 2017 <b>HERO ID:</b> 5739752 <i>OQD:</i> Medium	Abruzzi region, IT Scenario: Barbell muscle from Alanno Dam (n = 5; DF = 0; Sampling Period: 2017)	LOD: 10.0 ng/g LOQ: Not Reported	NR	NR	<LOD	NR	NR
Guerranti et al. 2017 <b>HERO ID:</b> 5739752 <i>OQD:</i> Medium	Abruzzi region, IT Scenario: Earthworm samples from Aterno and Pescara confluence (n = 2; DF = 0; Sampling Period: 2017)	LOD: 10.0 ng/g LOQ: Not Reported	NR	NR	<LOD	NR	NR
Guerranti et al. 2017 <b>HERO ID:</b> 5739752 <i>OQD:</i> Medium	Abruzzi region, IT Scenario: Earthworm samples from Alanno Dam (n = 2; DF = 0; Sampling Period: 2017)	LOD: 10.0 ng/g LOQ: Not Reported	NR	NR	<LOD	NR	NR
Guerranti et al. 2017 <b>HERO ID:</b> 5739752 <i>OQD:</i> Medium	Abruzzi region, IT Scenario: Coot eggs from Pescara Springs (n = 6; DF = 0; Sampling Period: 2017)	LOD: 10.0 ng/g LOQ: Not Reported	NR	NR	<LOD	NR	NR
Guerranti et al. 2017 <b>HERO ID:</b> 5739752 <i>OQD:</i> Medium	Abruzzi region, IT Scenario: Trout Muscle from Pescara Springs (n = 5; DF = 0; Sampling Period: 2017)	LOD: 10.0 ng/g LOQ: Not Reported	NR	NR	<LOD	NR	NR
Evenset et al. 2009 <b>HERO ID:</b> 6992056 <i>OQD:</i> Medium	Svalbard, NO Scenario: Fish liver from Arctic Ocean (Atlantic cod, polar cod, arctic char) (n = 11; DF = 0.82; Sampling Period: Summer, 2004 - Summer, 2008)	LOD: 88.0 ng/g LOQ: Not Reported	POINT VALUE(S): [156 ng/g; <LOD; 125 ng/g; <LOD; 203 ng/g; 126 ng/g; 99 ng/g; <LOD; 293 ng/g; <LOD]				
Evenset et al. 2009 <b>HERO ID:</b> 6992056 <i>OQD:</i> Medium	Svalbard, NO Scenario: Whole fish from Arctic Ocean (Atlantic cod, polar cod, arctic char) (n = 5; DF = 0; Sampling Period: Summer, 2008)	LOD: 60.0 ng/g LOQ: Not Reported	POINT VALUE(S): [142 ng/g; <LOD; <LOD; <LOD; <LOD; <LOD]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Green macroalgae from False Creek Harbour (n = 8; DF = 0.875; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 40.0 ng/g LOQ: 110.0 ng/g	NR	NR	NR	NR	NR
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Green macroalgae from False Creek Harbour - MEHP (n = 8; DF = 0.375; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 0.66 ng/g LOQ: 0.82 ng/g	NR	NR	0.40 ng/g (AM)	NR	1.4 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Blue mussel from False Creek Harbour - MEHP (n = 10; DF = 1; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 1.8 ng/g LOQ: Not Reported	NR	NR	2.7 ng/g (AM)	NR	1.4 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Blue mussel from False Creek Harbour (n = 10; DF = 0.9; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 8.7 ng/g LOQ: 9.8 ng/g	NR	NR	25 ng/g (AM)	NR	2.8 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Softshell clam from False Creek Harbour - MEHP (n = 10; DF = 1; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 2.7 ng/g LOQ: 4.1 ng/g	NR	NR	2.4 ng/g (AM)	NR	1.6 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Softshell clam from False Creek Harbour (n = 10; DF = 0.9; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 2.6 ng/g LOQ: 4.2 ng/g	NR	NR	42 ng/g (AM)	NR	2.5 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Dungeness crab (muscle) from False Creek Harbour - MEHP (n = 13; DF = 0.38; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 0.54 ng/g LOQ: 1.7 ng/g	NR	NR	1.0 ng/g (AM)	NR	1.6 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Dungeness crab (muscle) from False Creek Harbour (n = 13; DF = 0.85; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 3.2 ng/g LOQ: 14.0 ng/g	NR	NR	7.9 ng/g (AM)	NR	1.7 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Dungeness crab (hepatopancreas) from False Creek Harbour - MEHP (n = 13; DF = 0.62; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 2.7 ng/g LOQ: 4.1 ng/g	NR	NR	2.1 ng/g (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Dungeness crab (hepatopancreas) from False Creek Harbour (n = 13; DF = 0.85; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 32.0 ng/g LOQ: 140.0 ng/g	NR	NR	45 ng/g (AM)	NR	1.4 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Juvenile shiner Perch from False Creek Harbour - MEHP (n = 7; DF = 0.43; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 2.7 ng/g LOQ: 4.1 ng/g	NR	NR	1.8 ng/g (AM)	NR	3.6 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Juvenile shiner Perch from False Creek Harbour (n = 7; DF = 0.57; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 32.0 ng/g LOQ: 140.0 ng/g	NR	NR	43 ng/g (AM)	NR	1.6 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: White Spotted Greenling (muscle) from False Creek Harbour - MEHP (n = 9; DF = 0; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 0.54 ng/g LOQ: 1.5 ng/g	NR	NR	ND	NR	NR
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: White Spotted Greenling (muscle) from False Creek Harbour (n = 9; DF = 0.56; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 1.2 ng/g LOQ: 2.1 ng/g	NR	NR	7.3 ng/g (AM)	NR	1.6 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Spiny dogfish (muscle) from False Creek Harbour - MEHP (n = 12; DF = 0; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 1.0 ng/g LOQ: 4.1 ng/g	NR	NR	ND	NR	NR
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Spiny dogfish (liver) from False Creek Harbour - MEHP (n = 12; DF = 0; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 8.7 ng/g LOQ: 21.0 ng/g	NR	NR	ND	NR	NR
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Spiny dogfish (muscle) from False Creek Harbour (n = 12; DF = 0.67; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 40.0 ng/g LOQ: 110.0 ng/g	NR	NR	58 ng/g (AM)	NR	4.4 ng/g (ASD)
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Spiny dogfish (liver) from False Creek Harbour (n = 12; DF = 0.75; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 420.0 ng/g LOQ: 440.0 ng/g	NR	NR	1100 ng/g (AM)	NR	3.5 ng/g (ASD)
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in Oreochromis niloticus niloticus (single) from Taiwan (n = 12; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	1.4 mg/kg	129.5 mg/kg	33.6 mg/kg (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in <i>Liza subviridis</i> (single) from Taiwan (n = 7; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	1.7 mg/kg	253.9 mg/kg	61.8 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in <i>Acanthopagrus schlegeli</i> (single) from Taiwan (n = 1; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	NR	NR	7.7 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in <i>Zacco platypus</i> (single) from Taiwan (n = 1; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	NR	NR	50.5 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in <i>Acrossocheilus paradoxus</i> (single) from Taiwan (n = 1; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	NR	NR	0.57 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in <i>Oreochromis niloticus</i> (pooled) from Taiwan (n = 3; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	2.6 mg/kg	7.6 mg/kg	5.1 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in <i>Acanthopagrus schlegeli</i> (pooled) from Taiwan (n = 1; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	NR	NR	70.3 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in <i>Zacco platypus</i> (pooled) from Taiwan (n = 3; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	1.5 mg/kg	92.7 mg/kg	32.9 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in <i>Acrossocheilus paradoxus</i> (pooled) from Taiwan (n = 3; DF = 1; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.01 mg/kg LOQ: Not Reported	1.2 mg/kg	33.1 mg/kg	13.6 mg/kg (AM)	NR	NR
Blair et al. 2009 <b>HERO ID:</b> 787951 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Vancouver, British Columbia, CA Scenario: blue mussels from False Creek, Vancouver (n = 10; DF = 1.0; Sampling Period: May, 2004 - Sept., 2006)	LOD: 0.05 ng/g LOQ: Not Reported	3.3 ng/g	6.72 ng/g	NR	NR	NR
Blair et al. 2009 <b>HERO ID:</b> 787951 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Vancouver, British Columbia, CA Scenario: Dungeness crab from False Creek, Vancouver (n = 10; DF = 1.0; Sampling Period: May, 2004 - Sept., 2006)	LOD: 0.05 ng/g LOQ: Not Reported	0.39 ng/g	1.13 ng/g	NR	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Blair et al. 2009 <b>HERO ID:</b> 787951 ‡ <i>OQD:</i> Medium <i>MEHP</i>	Vancouver, British Columbia, CA Scenario: White spotted greenling from False Creek, Vancouver (n = 10; DF = 0.90; Sampling Period: May, 2004 - Sept., 2006)	LOD: 0.05 ng/g LOQ: Not Reported	0.24 ng/g	1.1 ng/g	NR	NR	NR
Fossi et al. 2012 <b>HERO ID:</b> 1333797 ‡ <i>OQD:</i> Medium <i>MEHP</i>	Ligurian Sea and Sardinian Sea, IT Scenario: Surface neustonic/planktonic samples collected in the Ligurian Sea (n = 14; DF = NR; Sampling Period: Jun., 2011 - Jul., 2011)	LOD: 1.0 ng/g LOQ: 2.0 ng/g	NR	NR	18.38 ng/g (AM)	NR	44.39 ng/g (ASD)
Fossi et al. 2012 <b>HERO ID:</b> 1333797 ‡ <i>OQD:</i> Medium <i>MEHP</i>	Ligurian Sea and Sardinian Sea, IT Scenario: Stranded fin whale blubber from Italian coast (n = 5; DF = NR; Sampling Period: Jul., 2007 - Jun., 2011)	LOD: 5.0 ng/g LOQ: 10.0 ng/g	NR	NR	57.97 ng/g (AM)	NR	NR
Fossi et al. 2012 <b>HERO ID:</b> 1333797 ‡ <i>OQD:</i> Medium <i>MEHP</i>	Ligurian Sea and Sardinian Sea, IT Scenario: Surface neustonic/planktonic samples collected in the Sardinian Sea (n = 9; DF = NR; Sampling Period: Jun., 2011 - Jul., 2011)	LOD: 5.0 ng/g LOQ: 10.0 ng/g	NR	NR	23.42 ng/g (AM)	NR	32.46 ng/g (ASD)
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Tilapia from fish markets in Hong Kong. (n = 10; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	1.56 µg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Spotted snakehead fish from fish markets in Hong Kong. (n = 10; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.69 µg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Snakehead fish from fish markets in Hong Kong. (n = 12; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.39 µg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Rice field eel from fish markets in Hong Kong. (n = 14; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.29 µg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Mud carp from fish markets in Hong Kong. (n = 15; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.71 µg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Mandarin fish from fish markets in Hong Kong. (n = 3; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.2 µg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Grey mullet from fish markets in Hong Kong. (n = 18; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.45 µg/g (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Grass carp from fish markets in Hong Kong. (n = 6; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.56 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Catfish from fish markets in Hong Kong. (n = 21; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.45 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Bighead carp from fish markets in Hong Kong. (n = 6; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.99 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Yellow seafin from fish markets in Hong Kong. (n = 1; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.27 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Yellow croaker from fish markets in Hong Kong. (n = 9; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	4.26 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Tongue sole from fish markets in Hong Kong. (n = 15; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	2.2 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Snubnose pompano from fish markets in Hong Kong. (n = 18; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.42 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Orange spotted grouper from fish markets in Hong Kong. (n = 9; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.69 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Golden threadfin bream from fish markets in Hong Kong. (n = 9; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.39 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Goldspotted rabbitfish from fish markets in Hong Kong. (n = 15; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.2 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID: 1600107</b> OQD: High	Hong Kong, HK Scenario: Bleeker's grouper from fish markets in Hong Kong. (n = 36; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.68 μg/g (AM)	NR	NR

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Table 2 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Bigeye from fish markets in Hong Kong. (n = 10; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.79 μg/g (AM)	NR	NR
Cheng et al. 2013 <b>HERO ID:</b> 1600107 <i>OQD:</i> High	Hong Kong, HK Scenario: Bartail flathead from fish markets in Hong Kong. (n = 33; DF = NR; Sampling Period: May, 2009 - Nov., 2009)	LOD: Not Reported LOQ: 5.0 ng/g	NR	NR	0.52 μg/g (AM)	NR	NR
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Roinville, FR Scenario: Fish from Orge River at Roinville (n = 7; DF = NR; Sampling Period: Sept., 2008)	LOD: 10.5 pg/L LOQ: Not Reported	NR	NR	106.0 ng/g (AM)	NR	42.0 ng/g (ASD)
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Viry-Chatillon, FR Scenario: Fish from Orge River at Viry-Chatillon (n = 8; DF = NR; Sampling Period: Oct., 2009)	LOD: 10.5 pg/L LOQ: Not Reported	NR	NR	376.0 ng/g (AM)	NR	113.0 ng/g (ASD)
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Marnay-sur-Seine, FR Scenario: Fish from Seine River at Marnay-sur-Seine (n = 8; DF = NR; Sampling Period: Aug., 2009)	LOD: 10.5 pg/L LOQ: Not Reported	NR	NR	273.0 ng/g (AM)	NR	177.0 ng/g (ASD)
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Epinay-sur-Seine, FR Scenario: Fish from Seine River at Epinay-sur-Seine (n = 9; DF = NR; Sampling Period: Aug., 2008)	LOD: 10.5 pg/L LOQ: Not Reported	NR	NR	966.0 ng/g (AM)	NR	657.0 ng/g (ASD)
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Triel-sur-Seine, FR Scenario: Fish from Seine River at Triel-sur-Seine (n = 12; DF = NR; Sampling Period: Nov., 2009)	LOD: 10.5 pg/L LOQ: Not Reported	NR	NR	1461.0 ng/g (AM)	NR	1462.0 ng/g (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Plenzia (PL), ES Scenario: Mussels at Plenzia (n = 1; DF = 1; Sampling Period: Oct., 2009 - Nov., 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	55.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Virgen del Mar (VM), ES Scenario: Mussels at Virgen del Mar (n = 1; DF = 1; Sampling Period: Oct., 2009 - Nov., 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	98.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Berria (BE), ES Scenario: Mussels at Berria (n = 1; DF = 1; Sampling Period: Oct., 2009 - Nov., 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	57.0 ng/g (AM)	NR	NR

‡ Data extraction results are for metabolite concentrations.



Table 3: Data Extraction Tables of Exposure Monitoring Studies for Dietary

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Various sites, SE Scenario: Food-stuff (vegetables, dairy, fish cooking fat) from National food administration (n = 6; DF = 1.0; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [310 µg/kg; 270 µg/kg; 250 µg/kg; 1900 µg/kg; 140 µg/kg; 380 µg/kg]				
Ma et al. 2015 <b>HERO ID:</b> 3016266 <i>OQD:</i> High	Nanjing, China, CN Scenario: Vegetables from 19 greenhouses in Gu Li village (n = 19; DF = 1.0; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	197 µg/kg (AM)	NR	17 µg/kg (ASD)
Ma et al. 2015 <b>HERO ID:</b> 3016266 <i>OQD:</i> High	Nanjing, China, CN Scenario: Vegetables from 15 greenhouses in Hu Shu village (n = 15; DF = 1.0; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	2207 µg/kg (AM)	NR	50 µg/kg (ASD)
Ma et al. 2015 <b>HERO ID:</b> 3016266 <i>OQD:</i> High	Nanjing, China, CN Scenario: Vegetables from 18 greenhouses in Planck farm (n = 18; DF = 1.0; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	117 µg/kg (AM)	NR	10 µg/kg (ASD)
Ma et al. 2015 <b>HERO ID:</b> 3016266 <i>OQD:</i> High	Nanjing, China, CN Scenario: Vegetables from 9 greenhouses in Suo Shi village (n = 9; DF = 1.0; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	997 µg/kg (AM)	NR	17 µg/kg (ASD)
Sun et al. 2016 <b>HERO ID:</b> 3455519 <i>OQD:</i> Medium	Jiangsu Province; Shanghai Municipality, CN Scenario: Cabbage from agriculture soils in Eastern China (n = 26; DF = 0.85; Sampling Period: Nov., 2014)	LOD: 0.20–0.40 ng/g LOQ: Not Reported	ND	2250 ng/g	450 ng/g (AM)	NR	523 ng/g (ASD)
Wu et al. 2019 <b>HERO ID:</b> 5433502 <i>OQD:</i> High	Yuyao City, Zhejiang Province, CN Scenario: Vegetable samples from downwind of a plastic market (n = 21; DF = 1.0; Sampling Period: May, 2017)	LOD: Not Reported LOQ: 2.8 ng/g	7014 ng/g	30241 ng/g	16448 ng/g (AM)	50th: 15102 ng/g;	NR
Wei et al. 2020 <b>HERO ID:</b> 6816706 <i>OQD:</i> Medium	Anhui, Jiangsu, Shanghai, and Zhejiang Provinces, Yangtze River Delta, CN Scenario: Vegetables grown in agricultural area of China (n = 228; DF = 1.0; Sampling Period: Oct., 2018)	LOD: 0.1 ng/g LOQ: Not Reported	1.86 ng/g	15700 ng/g	458 ng/g (AM)	50th: 45.4 ng/g;	NR
Cirillo et al. 2011 <b>HERO ID:</b> 788145 <i>OQD:</i> High	Naples, IT Scenario: Cereals and legumes at the catering firm before processing (n = Not Reported; DF = 0.93; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	5.0 ng/g	270.4 ng/g	75.1 ng/g (AM)	50th: 38.4 ng/g;	87.8 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID:</b> 788145 <i>OQD:</i> High	Naples, IT Scenario: Meat based foodstuffs at the catering firm before processing (n = Not Reported; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	5.5 ng/g	350.0 ng/g	101.7 ng/g (AM)	50th: 80.0 ng/g;	88.4 ng/g (ASD)

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Table 3 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Fish based foodstuffs at the catering firm before processing (n = Not Reported; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	93.6 ng/g	193.5 ng/g	140.0 ng/g (AM)	50th: 136.5 ng/g;	52.2 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Dairy foodstuffs at the catering firm before processing (n = Not Reported; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	8.8 ng/g	433.0 ng/g	161.8 ng/g (AM)	50th: 43.6 ng/g;	235.5 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Vegetables at the catering firm before processing (n = Not Reported; DF = 0.8; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	5.0 ng/g	265.2 ng/g	87.2 ng/g (AM)	50th: 56.0 ng/g;	82.8 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Condiments at the catering firm before processing (n = Not Reported; DF = 0.66; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	5.0 ng/g	60.4 ng/g	22.8 ng/g (AM)	50th: 18.6 ng/g;	20.4 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Fresh fruit at the catering firm (n = 20; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	40.0 ng/g	109.0 ng/g	77.3 ng/g (AM)	50th: 83.0 ng/g;	34.9 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Bread rolls at the catering firm (n = 20; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	111.0 ng/g	386.0 ng/g	270.3 ng/g (AM)	50th: 314.0 ng/g;	142.6 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: First course, cooked food, before packaging (n = 60; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	37.9 ng/g	379.4 ng/g	146.6 ng/g (AM)	50th: 112.6 ng/g;	99.7 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Second course, cooked food, before packaging (n = 60; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	24.6 ng/g	329.5 ng/g	182.4 ng/g (AM)	50th: 154.8 ng/g;	100.3 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Vegetables, cooked food, before packaging (n = 60; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	22.6 ng/g	365.0 ng/g	117.0 ng/g (AM)	50th: 111.4 ng/g;	70.0 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: First course, cooked food, after packaging (n = 60; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	36.6 ng/g	1050.8 ng/g	311.4 ng/g (AM)	50th: 224.6 ng/g;	255.1 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Second course, cooked food, after packaging (n = 60; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	43.6 ng/g	497.2 ng/g	250.4 ng/g (AM)	50th: 253.3 ng/g;	163.4 ng/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Vegetables, cooked food, after packaging (n = 60; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	21.3 ng/g	365.0 ng/g	183.0 ng/g (AM)	50th: 127.0 ng/g;	140.4 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Nursery school cooked meals, before packaging (n = Not Reported; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	69.0 ng/g	152.0 ng/g	101.9 ng/g (AM)	NR	22.9 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Nursery school cooked meals, after packaging (n = Not Reported; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	72.0 ng/g	301.0 ng/g	144.9 ng/g (AM)	NR	48.8 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Primary school cooked meals, before packaging (n = Not Reported; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	71.0 ng/g	228.0 ng/g	125.3 ng/g (AM)	NR	40.6 ng/g (ASD)
Cirillo et al. 2011 <b>HERO ID: 788145</b> OQD: High	Naples, IT Scenario: Primary school cooked meals, after packaging (n = Not Reported; DF = 1.0; Sampling Period: Feb., 2010 - May, 2010)	LOD: 5.0 ng/g LOQ: 15.0 ng/g	76.0 ng/g	348.0 ng/g	170.0 ng/g (AM)	NR	63.9 ng/g (ASD)
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Raw milk from industry cooling tank in Belgium (n = 1; DF = 1.0; Sampling Period: Nov., 2010)	LOD: Not Reported LOQ: 60 µg/kg	NR	NR	NR	50th: 364 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Pasteurised milk from industry cooling tank in Belgium (n = 3; DF = 1.0; Sampling Period: Nov., 2010)	LOD: Not Reported LOQ: 60 µg/kg	332 µg/kg	443 µg/kg	NR	50th: 426 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Milk powder pre-filling from industry in Belgium (n = 3; DF = 1.0; Sampling Period: Nov., 2010)	LOD: Not Reported LOQ: 60 µg/kg	462 µg/kg	489 µg/kg	NR	50th: 478 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Milk powder after filling can from industry in Belgium (n = 3; DF = 1.0; Sampling Period: Nov., 2010)	LOD: Not Reported LOQ: 60 µg/kg	584 µg/kg	634 µg/kg	NR	50th: 630 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Milk powder after filling pouch from industry in Belgium (n = 3; DF = 1.0; Sampling Period: Nov., 2010)	LOD: Not Reported LOQ: 60 µg/kg	409 µg/kg	609 µg/kg	NR	50th: 523 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Milk powder in can from retail in Belgium (n = 3; DF = 1.0; Sampling Period: Feb., 2011)	LOD: Not Reported LOQ: 60 µg/kg	524 µg/kg	591 µg/kg	NR	50th: 566 µg/kg;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Milk powder in pouch from retail in Belgium (n = 3; DF = 1.0; Sampling Period: Feb., 2011)	LOD: Not Reported LOQ: 60 µg/kg	519 µg/kg	534 µg/kg	NR	50th: 526 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Milk (Tetra Brik) from retail in Belgium (n = 5; DF = 1.0; Sampling Period: Mar., 2010 - Sept., 2010)	LOD: Not Reported LOQ: 60 µg/kg	312 µg/kg	535 µg/kg	NR	50th: 463 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Butter from brand A from retail in Belgium (n = 2; DF = 1.0; Sampling Period: Jun., 2010)	LOD: Not Reported LOQ: 60 µg/kg	241 µg/kg	248 µg/kg	NR	50th: 245 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Butter from brand B from retail in Belgium (n = 2; DF = 1.0; Sampling Period: Jun., 2010)	LOD: Not Reported LOQ: 60 µg/kg	350 µg/kg	350 µg/kg	NR	50th: 350 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Fully mature cheese from retail in Belgium (n = 5; DF = 1.0; Sampling Period: Sept., 2010)	LOD: Not Reported LOQ: 60 µg/kg	360 µg/kg	412 µg/kg	NR	50th: 386 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: New cheese from retail in Belgium (n = 1; DF = 1.0; Sampling Period: Sept., 2010)	LOD: Not Reported LOQ: 60 µg/kg	NR	NR	NR	50th: 731 µg/kg;	NR
Fierens et al. 2013 <b>HERO ID: 1332529</b> OQD: Medium	BE Scenario: Semi-mature cheese from retail in Belgium (n = 1; DF = 1.0; Sampling Period: Sept., 2010)	LOD: Not Reported LOQ: 60 µg/kg	NR	NR	NR	50th: 530 µg/kg;	NR
Sakhi et al. 2014 <b>HERO ID: 2501495</b> OQD: Medium	Oslo, Norway, NO Scenario: Snacks from market basket in Oslo (n = 2; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 9-70 µg/kg	56 µg/kg	76 µg/kg	NR	50th: 66 µg/kg;	NR
Sakhi et al. 2014 <b>HERO ID: 2501495</b> OQD: Medium	Oslo, Norway, NO Scenario: Fats from market basket in Oslo (n = 2; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 9 - 70 µg/kg	118 µg/kg	323 µg/kg	NR	50th: 221 µg/kg;	NR
Sakhi et al. 2014 <b>HERO ID: 2501495</b> OQD: Medium	Oslo, Norway, NO Scenario: Ready to eat foods from market basket in Oslo (n = 2; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 9-70 µg/kg	37 µg/kg	235 µg/kg	NR	50th: 136 µg/kg;	NR
Sakhi et al. 2014 <b>HERO ID: 2501495</b> OQD: Medium	Oslo, Norway, NO Scenario: Milk and dairy products from market basket in Oslo (n = 4; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 0.11 - 70 µg/kg	19 µg/kg	173 µg/kg	NR	50th: 126 µg/kg;	NR
Sakhi et al. 2014 <b>HERO ID: 2501495</b> OQD: Medium	Oslo, Norway, NO Scenario: Meat and meat products from market basket in Oslo (n = 8; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 9 - 70 µg/kg	ND	117 µg/kg	NR	50th: ND;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sakhi et al. 2014 <b>HERO ID:</b> 2501495 <i>OQD:</i> Medium	Oslo, Norway, NO Scenario: Beverages from market basket in Oslo (n = 4; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 0.11 $\mu\text{g/kg}$	0.17 $\mu\text{g/kg}$	0.74 $\mu\text{g/kg}$	NR	50th: 0.66 $\mu\text{g/kg}$ ;	NR
Sakhi et al. 2014 <b>HERO ID:</b> 2501495 <i>OQD:</i> Medium	Oslo, Norway, NO Scenario: Condiments from market basket in Oslo (n = 3; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 9-70 $\mu\text{g/kg}$	ND	33 $\mu\text{g/kg}$	NR	50th: 17 $\mu\text{g/kg}$ ;	NR
Sakhi et al. 2014 <b>HERO ID:</b> 2501495 <i>OQD:</i> Medium	Oslo, Norway, NO Scenario: Fruits and vegetables from market basket in Oslo (n = 2; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 10 $\mu\text{g/kg}$	ND	9.5 $\mu\text{g/kg}$	NR	50th: 4.8 $\mu\text{g/kg}$ ;	NR
Sakhi et al. 2014 <b>HERO ID:</b> 2501495 <i>OQD:</i> Medium	Oslo, Norway, NO Scenario: Grain and grain products from market basket in Oslo (n = 5; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 10 $\mu\text{g/kg}$	ND	60 $\mu\text{g/kg}$	NR	50th: 43 $\mu\text{g/kg}$ ;	NR
Sakhi et al. 2014 <b>HERO ID:</b> 2501495 <i>OQD:</i> Medium	Oslo, Norway, NO Scenario: Fish and fish products from market basket in Oslo (n = 6; DF = 0.65; Sampling Period: Apr., 2012)	LOD: Not Reported LOQ: 9 - 70 $\mu\text{g/kg}$	ND	35 $\mu\text{g/kg}$	NR	50th: ND;	NR

Table 4: Data Extraction Tables of Exposure Monitoring Studies for Drinking Water

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Changzhou, Yangtze River Delta, China, CN Scenario: Finished water from waterworks for Changzhou (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	64 ng/L (AM)	NR	1.9 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Changzhou, Yangtze River Delta, China, CN Scenario: Tap water from Changzhou (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	21 ng/L (AM)	NR	1.9 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Suzhou, Yangtze River Delta, China, CN Scenario: Finished water from waterworks from Suzhou (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	260 ng/L (AM)	NR	23 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Suzhou, Yangtze River Delta, China, CN Scenario: Tap water from Suzhou (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	280 ng/L (AM)	NR	13 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Wuxi, Yangtze River Delta, China, CN Scenario: Finished water from waterworks for Wuxi (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	67 ng/L (AM)	NR	2.5 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Wuxi, Yangtze River Delta, China, CN Scenario: Tap water from Wuxi (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	97 ng/L (AM)	NR	2.4 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Xuzhou, Yangtze River Delta, China, CN Scenario: Finished water from waterworks for Xuzhou (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	6.2 ng/L (AM)	NR	0.7 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Xuzhou, Yangtze River Delta, China, CN Scenario: Tap water from Xuzhou (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	7.3 ng/L (AM)	NR	1.2 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Yancheng, Yangtze River Delta, China, CN Scenario: Finished water from waterworks for Yancheng (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	8.5 ng/L (AM)	NR	1.5 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Yancheng, Yangtze River Delta, China, CN Scenario: Tap water from Yancheng (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	15 ng/L (AM)	NR	1.2 ng/L (ASD)
Le Coadou et al. 2017 <b>HERO ID:</b> 3864659 <i>OQD:</i> High	Multiple regions of France, FR Scenario: Bottled natural mineral water from France (n = 24; DF = 0; Sampling Period: Jul., 2013 - Sept., 2013)	LOD: Not Reported LOQ: 20.0 ng/L	NR	NR	<LOQ	NR	NR
Le Coadou et al. 2017 <b>HERO ID:</b> 3864659 <i>OQD:</i> High	Luxembourg, LU Scenario: Bottled natural mineral water from Luxembourg (n = 1; DF = 0; Sampling Period: Jul., 2013 - Sept., 2013)	LOD: Not Reported LOQ: 20.0 ng/L	NR	NR	<LOQ	NR	NR

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Table 4 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Le Coadou et al. 2017 <b>HERO ID:</b> 3864659 <i>OQD:</i> High	Multiple regions of France, FR Scenario: Packaged Spring Water from France (n = 12; DF = 0; Sampling Period: Jul., 2013 - Sept., 2013)	LOD: Not Reported LOQ: 20.0 ng/L	NR	NR	<LOQ	NR	NR
Le Coadou et al. 2017 <b>HERO ID:</b> 3864659 <i>OQD:</i> High	New Caledonia, NC Scenario: Packaged Spring Water from New Caledonia (n = 1; DF = 0; Sampling Period: Jul., 2013 - Sept., 2013)	LOD: Not Reported LOQ: 20.0 ng/L	NR	NR	<LOQ	NR	NR
Le Coadou et al. 2017 <b>HERO ID:</b> 3864659 <i>OQD:</i> High	New Caledonia, NC Scenario: Packaged Spring Water from Italy (n = 1; DF = 0; Sampling Period: Jul., 2013 - Sept., 2013)	LOD: Not Reported LOQ: 20.0 ng/L	NR	NR	<LOQ	NR	NR
Le Coadou et al. 2017 <b>HERO ID:</b> 3864659 <i>OQD:</i> High	Reunion Island, RE Scenario: Packaged Spring Water from Reunion Island (n = 1; DF = 0; Sampling Period: Jul., 2013 - Sept., 2013)	LOD: Not Reported LOQ: 20.0 ng/L	NR	NR	<LOQ	NR	NR
Sulentic et al. 2018 <b>HERO ID:</b> 5043505 <i>OQD:</i> Medium	Cluj-Napoca, RO Scenario: Kitchen tap drinking water from homes (n = 10; DF = 0; Sampling Period: Jun., 2017 - Jul., 2017)	LOD: 0.015 µg/L LOQ: Not Reported	NR	NR	NR	50th: ND;	NR
Sulentic et al. 2018 <b>HERO ID:</b> 5043505 <i>OQD:</i> Medium	Cluj-Napoca, RO Scenario: Gas and still bottled water (n = 16; DF = NR; Sampling Period: Jun., 2017 - Jul., 2017)	LOD: 0.015 µg/L LOQ: Not Reported	NR	NR	NR	25th: 0.31 µg/L; 50th: 2.18 µg/L; 75th: 4.97 µg/L;	NR
Loraine et al. 2006 <b>HERO ID:</b> 5743010 <i>OQD:</i> Medium	San Diego County, CA, US Scenario: 4 WFP intake (raw water) (n = 13; DF = 0.15; Sampling Period: Aug., 2001 - Jun., 2002)	LOD: 1.76 µg/L LOQ: Not Reported	2.67 µg/L	5.94 µg/L	4.31 µg/L (AM)	NR	NR
Loraine et al. 2006 <b>HERO ID:</b> 5743010 <i>OQD:</i> Medium	San Diego County, CA, US Scenario: 3 WFP effluent (finished drinking water) (n = 15; DF = 0.13; Sampling Period: Aug., 2001 - Jun., 2002)	LOD: 1.76 µg/L LOQ: Not Reported	2.43 µg/L	2.68 µg/L	2.56 µg/L (AM)	NR	NR
Bach et al. 2020 <b>HERO ID:</b> 6957772 <i>OQD:</i> High	France, FR Scenario: Raw water for public water system (source: surface water) (n = 114; DF = 0.004; Sampling Period: Nov., 2015 - Jul., 2016)	LOD: Not Reported LOQ: 500.0 ng/L	NR	813 ng/L	813 ng/L (AM)	NR	NR
Bach et al. 2020 <b>HERO ID:</b> 6957772 <i>OQD:</i> High	France, FR Scenario: Raw water for public water system (source: groundwater) (n = 157; DF = 0.004; Sampling Period: Nov., 2015 - Jul., 2016)	LOD: Not Reported LOQ: 500.0 ng/L	NR	<LOQ	<LOQ	NR	NR
Bach et al. 2020 <b>HERO ID:</b> 6957772 <i>OQD:</i> High	France, FR Scenario: Treated drinking water in public water system (source: groundwater) (n = 166; DF = 0; Sampling Period: Nov., 2015 - Jul., 2016)	LOD: Not Reported LOQ: 500.0 ng/L	NR	<LOQ	<LOQ	NR	NR

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Table 4 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Bach et al. 2020 <b>HERO ID:</b> 6957772 <i>OQD:</i> High	France, FR Scenario: Treated drinking water in public water system (source: surface water) (n = 89; DF = 0; Sampling Period: Nov., 2015 - Jul., 2016)	LOD: Not Reported LOQ: 500.0 ng/L	NR	<LOQ	<LOQ	NR	NR
Blanchard et al. 2013 <b>HERO ID:</b> 1315297 <i>OQD:</i> High	Paris, FR Scenario: Plain spring water and plain mineral water (n = 11; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: 5.0 ng/L	NR	NR	129.354 ng/L (AM)	NR	88.196 ng/L (ASD)
Blanchard et al. 2013 <b>HERO ID:</b> 1315297 <i>OQD:</i> High	Paris, FR Scenario: sparkling mineral water (n = 4; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: 5.0 ng/L	NR	NR	150.735 ng/L (AM)	NR	67.35 ng/L (ASD)
Blanchard et al. 2013 <b>HERO ID:</b> 1315297 <i>OQD:</i> High	Paris, FR Scenario: tap water (n = 3; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: 5.0 ng/L	NR	NR	57.194 ng/L (AM)	NR	4.276 ng/L (ASD)
Yang et al. 2014 <b>HERO ID:</b> 2816161 <i>OQD:</i> High	Northern Taiwan, TW Scenario: Drinking water from tap water pipeline (n = 2; DF = 1; Sampling Period: Jul., 2011)	LOD: Not Reported LOQ: 1.0 ng/L	NR	NR	31.0 ng/L (AM)	NR	NR
Yang et al. 2014 <b>HERO ID:</b> 2816161 <i>OQD:</i> High	Northern Taiwan, TW Scenario: Water samples from drinking fountains (n = 10; DF = 1; Sampling Period: Jul., 2011)	LOD: Not Reported LOQ: 1.0 ng/L	NR	NR	20.0 ng/L (AM)	NR	NR
Yang et al. 2014 <b>HERO ID:</b> 2816161 <i>OQD:</i> High	Northern Taiwan, TW Scenario: Drinking water samples from water storage tanks (n = 10; DF = 1; Sampling Period: Jul., 2011)	LOD: Not Reported LOQ: 1.0 ng/L	NR	NR	25.0 ng/L (AM)	NR	NR



Table 5: Data Extraction Tables of Exposure Monitoring Studies for Dust (Indoor)

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Rudel et al. 2001 <b>HERO ID:</b> 198234 <i>OQD:</i> High	Massachusetts, US Scenario: Indoor dust from residential and office areas - DEHP (n = 6; DF = 1.00; Sampling Period: 2001)	LOD: Not Reported LOQ: 0.144 µg	69.4 µg/g	524 µg/g	315 µg/g (AM)	NR	153 µg/g (ASD)
Bergh et al. 2011 <b>HERO ID:</b> 788335 <i>OQD:</i> Medium	Stockholm, SE Scenario: Indoor dust in 10 homes (n = 10; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	130 µg/g	3200 µg/g	980 µg/g (AM)	50th: 680 µg/g;	NR
Bergh et al. 2011 <b>HERO ID:</b> 788335 <i>OQD:</i> Medium	Stockholm, SE Scenario: Indoor dust in 10 daycares (n = 10; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	260 µg/g	5800 µg/g	2000 µg/g (AM)	50th: 1600 µg/g;	NR
Bergh et al. 2011 <b>HERO ID:</b> 788335 <i>OQD:</i> Medium	Stockholm, SE Scenario: Indoor dust in 10 workplaces (n = 10; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	57 µg/g	3700 µg/g	1500 µg/g (AM)	50th: 1100 µg/g;	NR
Kubwabo et al. 2013 <b>HERO ID:</b> 158869 <i>OQD:</i> High	Not reported, CA Scenario: Household vacuum dust from Canadian homes (n = 126; DF = 1; Sampling Period: Winter, 2013)	LOD: 2.9 µg/g LOQ: 9.8 µg/g	36 µg/g	3836 µg/g	NR	50th: 462 µg/g;	NR
Zhang et al. 2013 <b>HERO ID:</b> 1598628 <i>OQD:</i> High	Nanjing, CN Scenario: Indoor dust from 215 urban houses (n = 215; DF = 1; Sampling Period: Mar., 2011 - Jun., 2011)	LOD: 2.4 ng/g LOQ: Not Reported	0.3 µg/g	9950 µg/g	462 µg/g (AM); 111 µg/g (GM)	50th: 183 µg/g; 95th: 1750 µg/g;	0.008 µg/g (GSD)
Xu et al. 2015 <b>HERO ID:</b> 2347161 <i>OQD:</i> High	Austin, Texas; central Pennsylvania, US Scenario: DEHP HVAC filter dust from 14 retail stores (n = 14; DF = 0.96; Sampling Period: 2013)	LOD: 0.20 µg/g LOQ: Not Reported	<LOD	4190 µg/g	730 µg/g (AM)	10th: 15 µg/g; 25th: 49 µg/g; 50th: 179 µg/g; 75th: 869 µg/g; 90th: 2350 µg/g;	1100 µg/g (ASD)
Dodson et al. 2015 <b>HERO ID:</b> 2816371 <i>OQD:</i> Medium	Richmond and Bolinas, California, US Scenario: Indoor dust from nonsmoking homes (n = 49; DF = 1; Sampling Period: 2006)	LOD: 0.4 µg/g LOQ: Not Reported	50 µg/g	800 µg/g	NR	50th: 140 µg/g; 95th: 460 µg/g;	NR
Philippat et al. 2015 <b>HERO ID:</b> 2914664 <i>OQD:</i> Medium	CA, US Scenario: Dust from carpeting in homes (n = 145; DF = .99; Sampling Period: 2010 - 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	5th: 40.4 µg/g; 25th: 103 µg/g; 50th: 187 µg/g; 75th: 301 µg/g; 95th: 656 µg/g;	NR
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Silver Spring, MD, US Scenario: Childcare facilities dust Silver Spring, MD -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [111 µg/g]				

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Table 5 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Waco, TX, US Scenario: Childcare facilities dust Waco, Texas -DEHP (n = 3; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [985 µg/g; 555 µg/g; 75.0 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Murray, KY, US Scenario: Childcare facilities dust Murray, Kentucky -DEHP (n = 4; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [317 µg/g; 1950 µg/g; 54.0 µg/g; 690 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	West Lafayette, IN, US Scenario: Childcare facilities dust West Lafayette, Indiana -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [43.6 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Hubbard, OH, US Scenario: Childcare facilities dust Hubbard, Ohio -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [76.3 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Brookings, SD, US Scenario: Childcare facilities dust Brookings, South Dakota -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [129 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	El Cerrito, CA, US Scenario: Childcare facilities dust El Cerrito, California -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [77.1 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Medway, MA, US Scenario: Homes dust Medway, Massachusetts -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [44.8 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Silver Spring, MD, US Scenario: Homes dust Silver Spring, Maryland -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [8.80 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Murray, KY, US Scenario: Homes dust Murray, Kentucky -DEHP (n = 4; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [11.2 µg/g; 101 µg/g; 103 µg/g; 41.6 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Waco, TX, US Scenario: Homes dust Waco, Texas -DEHP (n = 2; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [89.3 µg/g; 412 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	San Diego, CA, US Scenario: Homes dust San Diego, California -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [125 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	El Cerrito, CA, US Scenario: Homes dust El Cerrito, California -DEHP (n = 2; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [59.9 µg/g; 73.1 µg/g]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Murray, KY, US Scenario: Salons dust Murray, Kentucky -DEHP (n = 3; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [159 µg/g; 643 µg/g; 196 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Lafayette, IN, US Scenario: Salons dust Lafayette, Indiana -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [1150 µg/g]				
Subedi et al. 2017 <b>HERO ID:</b> 3860935 <i>OQD:</i> High	Waco, TX, US Scenario: Salons dust Waco, Texas -DEHP (n = 1; DF = 1; Sampling Period: Sept., 2016 - Oct., 2016)	LOD: 0.140 - 278 ng/mL LOQ: 0.460 - 926 ng/mL	POINT VALUE(S): [705 µg/g]				
Velázquez-Gómez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> Medium	Barcelona, ES Scenario: Settled indoor dust from 11 homes (n = 11; DF = 1; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	2364 ng/g	607718 ng/g	NR	50th: 216951 ng/g;	NR
Velázquez-Gómez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> Medium	Barcelona, ES Scenario: Settled indoor dust from 4 museums (n = 6; DF = 1; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	47717 ng/g	223347 ng/g	NR	50th: 139096 ng/g;	NR
Velázquez-Gómez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> Medium	Barcelona, ES Scenario: Settled indoor dust from 14 cars (n = 14; DF = 1; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	25727 ng/g	239753 ng/g	NR	50th: 38280 ng/g;	NR
Velázquez-Gómez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> Medium	Barcelona, ES Scenario: Settled indoor dust from 17 public libraries (n = 21; DF = 1; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	47834 ng/g	3331015 ng/g	NR	50th: 391764 ng/g;	NR
Velázquez-Gómez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> Medium	Barcelona, ES Scenario: Settled indoor dust from 6 high schools (n = 6; DF = 1; Sampling Period: 2019)	LOD: Not Reported LOQ: Not Reported	104333 ng/g	2400765 ng/g	NR	50th: 1392733 ng/g;	NR
Hammel et al. 2019 <b>HERO ID:</b> 5532853 <i>OQD:</i> High	Durham, North Carolina, US Scenario: Dust from playrooms and living rooms of homes with 3-6 year-old children (n = 188; DF = 1; Sampling Period: Sept., 2014 - Apr., 2016)	LOD: 573 ng/g LOQ: Not Reported	6213 ng/g	NR	NR	50th: 118570 ng/g; 95th: 484043 ng/g;	NR
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Indoor dust from bedrooms in Southern Taiwan (n = 47; DF = 1; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	ND	4924.4 µg/g	NR	50th: 368.9 µg/g;	NR
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Indoor dust from elementary school in Southern Taiwan (n = 53; DF = 1; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	9.1 µg/g	18143.8 µg/g	NR	50th: 860.3 µg/g;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Indoor dust from kindergarten in Southern Taiwan (n = 72; DF = 1; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	40.7 µg/g	13023.6 µg/g	NR	50th: 571.8 µg/g;	NR
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Indoor dust from home in Southern Taiwan (n = 122; DF = 1; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	5.0 µg/g	5555.7 µg/g	NR	50th: 298.3 µg/g;	NR
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Indoor dust from living rooms in Southern Taiwan (n = 75; DF = 1; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	ND	5555.7 µg/g	NR	50th: 289.8 µg/g;	NR
Başaran et al. 2020 <b>HERO ID:</b> 6813710 <i>OQD:</i> Medium	Kocaeli Province, TR Scenario: Indoor dust from homes (n = 90; DF = 1; Sampling Period: Feb., 2016 - Apr., 2016)	LOD: Not Reported LOQ: 0.102 ng/g	16.72 µg/g	816.92 µg/g	386.22 µg/g (AM)	50th: 316.02 µg/g;	227.5 µg/g (ASD)
Kanazawa et al. 2010 <b>HERO ID:</b> 697390 <i>OQD:</i> Medium	Sapporo, JP Scenario: Dust from multi-surfaces of residential detached homes (n = 41; DF = 1.0; Sampling Period: Oct., 2006 - Jan., 2006)	LOD: 0.84 mg/kg LOQ: Not Reported	220 mg/kg	10200 mg/kg	NR	50th: 1200 mg/kg;	NR
Kanazawa et al. 2010 <b>HERO ID:</b> 697390 <i>OQD:</i> Medium	Sapporo, JP Scenario: Dust from floor of residential detached homes (n = 41; DF = 1.0; Sampling Period: Oct., 2006 - Jan., 2006)	LOD: 0.84 mg/kg LOQ: Not Reported	98.2 mg/kg	5850 mg/kg	NR	50th: 880 mg/kg;	NR
Hutter et al. 2006 <b>HERO ID:</b> 1313723 <i>OQD:</i> Medium	Vienna, AT Scenario: Dust samples from 3 offices after PVC removal (n = 2; DF = 1.0; Sampling Period: Jul., 2005 - Oct., 2005)	LOD: Not Reported LOQ: Not Reported	790 mg/kg	2800 mg/kg	1795 mg/kg (AM)	50th: 1795 mg/kg;	1421.28 mg/kg (ASD)
Hutter et al. 2006 <b>HERO ID:</b> 1313723 <i>OQD:</i> Medium	Vienna, AT Scenario: Dust samples from 3 offices prior to PVC removal (n = 2; DF = 1.0; Sampling Period: Feb., 2005 - Apr., 2005)	LOD: Not Reported LOQ: Not Reported	980 mg/kg	3000 mg/kg	1990 mg/kg (AM)	50th: 1990 mg/kg;	1428.36 mg/kg (ASD)
Orecchio et al. 2013 <b>HERO ID:</b> 1936014 <i>OQD:</i> Medium	Palermo, Italy, IT Scenario: Indoor dust in Palermo, Italy (n = 14; DF = 1.0; Sampling Period: 2013)	LOD: 9 µg/kg LOQ: Not Reported	NR	NR	304 mg/kg (AM)	NR	NR
Fromme et al. 2013 <b>HERO ID:</b> 2215411 <i>OQD:</i> Medium	Bavaria, Berlin, and North Rhine-Westfalia, DE Scenario: Dust samples from German daycare centers (n = 63; DF = 1.0; Sampling Period: Nov., 2011 - May, 2012)	LOD: 3 mg/kg LOQ: Not Reported	99 mg/kg	10,086 mg/kg	1973 mg/kg (AM)	50th: 888 mg/kg; 95th: 7616 mg/kg;	NR
Shin et al. 2014 <b>HERO ID:</b> 2215665 <i>OQD:</i> High	Northern California, Southeast Pennsylvania, Northeast Maryland, US Scenario: Dust from the living rooms of homes (n = 30; DF = 1.0; Sampling Period: 2009 - 2010)	LOD: 0.012 µg/g LOQ: Not Reported	NR	338.0 µg/g	154.0 µg/g (AM)	50th: 144.0 µg/g;	100.0 µg/g (ASD)
Mercier et al. 2014 <b>HERO ID:</b> 2298081 <i>OQD:</i> High	FR Scenario: Dust samples from French dwellings. (n = 7; DF = 1.0; Sampling Period: 2014)	LOD: 526 ng/g LOQ: 1580.0 ng/g	Sample 1: 743000 ng/g ; Sample 2: 138000 ng/g ; Sample 3: 144000 ng/g ; Sample 4: 785000 ng/g ; Sample 5: 317000 ng/g ; Sample 6: 495000 ng/g ; Sample 7: 462000 ng/g				

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Table 5 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ait Bamai et al. 2014 <b>HERO ID:</b> 2345943 <i>OQD:</i> High	Sapporo; Fukushima; Nagoya; Osaka; Okayama; Fukuoka, JP Scenario: Dust from floors in homes in Japan (n = 148; DF = 1.0; Sampling Period: Sept., 2006 - Dec., 2006)	LOD: 0.84 $\mu\text{g/g}$ LOQ: Not Reported	98.2 $\mu\text{g/g}$	12100 $\mu\text{g/g}$	NR	25th: 424 $\mu\text{g/g}$ ; 50th: 759 $\mu\text{g/g}$ ; 75th: 1410 $\mu\text{g/g}$ ;	NR
Ait Bamai et al. 2014 <b>HERO ID:</b> 2345943 <i>OQD:</i> High	Sapporo; Fukushima; Nagoya; Osaka; Okayama; Fukuoka, JP Scenario: Dust from multi-surfaces in homes in Japan (n = 120; DF = 1.0; Sampling Period: Sept., 2006 - Dec., 2006)	LOD: 0.84 $\mu\text{g/g}$ LOQ: Not Reported	31.6 $\mu\text{g/g}$	10200 $\mu\text{g/g}$	NR	25th: 298 $\mu\text{g/g}$ ; 50th: 854 $\mu\text{g/g}$ ; 75th: 1863 $\mu\text{g/g}$ ;	NR
Takeuchi et al. 2015 <b>HERO ID:</b> 3005686 <i>OQD:</i> Medium	11 prefectures, JP Scenario: Indoor dust from 19 suburban living rooms (n = 19; DF = 1.0; Sampling Period: Oct., 2013 - Jan., 2014)	LOD: Not Reported LOQ: Not Reported	NR	7400 $\mu\text{g/g}$	NR	50th: 1700 $\mu\text{g/g}$ ;	NR
Bi et al. 2015 <b>HERO ID:</b> 3019857 <i>OQD:</i> High	Dover, Delaware, US Scenario: Dust from indoor floors of apartments in Dover, Delaware. (n = 7; DF = 1.0; Sampling Period: Mar., 2013)	LOD: 0.076 mg/kg LOQ: 0.255 mg/kg	150 mg/kg	572 mg/kg	255 mg/kg (AM)	50th: 204 mg/kg;	146 mg/kg (ASD)
Bi et al. 2015 <b>HERO ID:</b> 3019857 <i>OQD:</i> High	Dover, Delaware, US Scenario: Dust from indoor floors of houses in Dover, Delaware. (n = 10; DF = 1.0; Sampling Period: Mar., 2013)	LOD: 0.076 mg/kg LOQ: 0.255 mg/kg	235 mg/kg	803 mg/kg	446 mg/kg (AM)	50th: 339 mg/kg;	207 mg/kg (ASD)
Bi et al. 2015 <b>HERO ID:</b> 3019857 <i>OQD:</i> High	Dover, Delaware, US Scenario: Dust from indoor floors of house garages in Dover, Delaware. (n = 3; DF = 1.0; Sampling Period: Mar., 2013)	LOD: 0.076 mg/kg LOQ: 0.255 mg/kg	16 mg/kg	91 mg/kg	59 mg/kg (AM)	50th: 59 mg/kg;	60 mg/kg (ASD)
Bi et al. 2015 <b>HERO ID:</b> 3019857 <i>OQD:</i> High	Dover, Delaware, US Scenario: Dust from indoor floors of student dormitories in Dover, Delaware. (n = 5; DF = 1.0; Sampling Period: Mar., 2013)	LOD: 0.076 mg/kg LOQ: 0.255 mg/kg	258 mg/kg	1604 mg/kg	839 mg/kg (AM)	50th: 803 mg/kg;	580 mg/kg (ASD)
Bi et al. 2015 <b>HERO ID:</b> 3019857 <i>OQD:</i> High	Dover, Delaware, US Scenario: Dust from indoor floors of gyms in Dover, Delaware. (n = 3; DF = 1.0; Sampling Period: Mar., 2013)	LOD: 0.076 mg/kg LOQ: 0.255 mg/kg	756 mg/kg	1908 mg/kg	1256 mg/kg (AM)	50th: 1104 mg/kg;	590 mg/kg (ASD)
Bi et al. 2015 <b>HERO ID:</b> 3019857 <i>OQD:</i> High	Dover, Delaware, US Scenario: Dust from indoor floors of offices in Dover, Delaware. (n = 7; DF = 1.0; Sampling Period: Mar., 2013)	LOD: 0.076 mg/kg LOQ: 0.255 mg/kg	178 mg/kg	538 mg/kg	359 mg/kg (AM)	50th: 339 mg/kg;	139 mg/kg (ASD)
Bi et al. 2015 <b>HERO ID:</b> 3019857 <i>OQD:</i> High	Dover, Delaware, US Scenario: Dust from indoor floors of commercial stores in Dover, Delaware. (n = 4; DF = 1.0; Sampling Period: Mar., 2013)	LOD: 0.076 mg/kg LOQ: 0.255 mg/kg	152 mg/kg	1222 mg/kg	561 mg/kg (AM)	50th: 435 mg/kg;	472 mg/kg (ASD)

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Table 5 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Bi et al. 2015 <b>HERO ID:</b> 3019857 <i>OQD:</i> High	Dover, Delaware, US Scenario: Dust from indoor floors of daycare centers in Dover, Delaware. (n = 5; DF = 1.0; Sampling Period: Mar., 2013)	LOD: 0.076 mg/kg LOQ: 0.255 mg/kg	156 mg/kg	5924 mg/kg	1664 mg/kg (AM)	50th: 618 mg/kg;	2433 mg/kg (ASD)
Kim et al. 2017 <b>HERO ID:</b> 4178500 <i>OQD:</i> Medium	Pusan region; Daegu region, KR Scenario: Floor surface dust of Kindergarten classrooms (n = 6; DF = 1.0; Sampling Period: Aug., 2014)	LOD: <2 µg LOQ: Not Reported	2500 µg/g	6500 µg/g	4350 µg/g (AM)	NR	NR
Kim et al. 2017 <b>HERO ID:</b> 4178500 <i>OQD:</i> Medium	Pusan region; Daegu region, KR Scenario: Floor surface dust of home living rooms (n = 14; DF = 1.0; Sampling Period: Aug., 2013 - Apr., 2014)	LOD: <2 µg LOQ: Not Reported	400 µg/g	6700 µg/g	2800 µg/g (AM)	NR	NR
Kishi et al. 2018 <b>HERO ID:</b> 4728476 <i>OQD:</i> High	Sapporo, JP Scenario: Dust from multiple surfaces in homes (n = 128; DF = 0.992; Sampling Period: Oct., 2009 - Nov., 2010)	LOD: 1.0 µg/m <sup>3</sup> LOQ: Not Reported	NR	43961 µg/m <sup>3</sup>	NR	25th: 1140 µg/m <sup>3</sup> ; 50th: 2292 µg/m <sup>3</sup> ; 75th: 4457 µg/m <sup>3</sup> ;	NR
Kishi et al. 2018 <b>HERO ID:</b> 4728476 <i>OQD:</i> High	Sapporo, JP Scenario: Dust from floors in homes (n = 128; DF = 1.0; Sampling Period: Oct., 2009 - Nov., 2010)	LOD: 1.0 µg/m <sup>3</sup> LOQ: Not Reported	NR	7093 µg/m <sup>3</sup>	NR	25th: 786 µg/m <sup>3</sup> ; 50th: 1107 µg/m <sup>3</sup> ; 75th: 1742 µg/m <sup>3</sup> ;	NR
Ait Bamai et al. 2018 <b>HERO ID:</b> 4829235 <i>OQD:</i> Medium	Hokaido, JP Scenario: Dust from living room floor surfaces (n = 296; DF = 0.998; Sampling Period: Mar., 2013)	LOD: Not Reported LOQ: 0.57 µg/g	<LOQ	21849.03 µg/g	NR	25th: 940.94 µg/g; 50th: 1350.26 µg/g; 75th: 2254.32 µg/g;	NR
Bi et al. 2018 <b>HERO ID:</b> 5043341 <i>OQD:</i> High	Central Texas, US Scenario: HVAC filter dust from homes in central Texas (n = 91; DF = 0.98; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 1.78 µg/g LOQ: Not Reported	<LOD	3980 µg/g	293 µg/g (AM)	50th: 155 µg/g;	502 µg/g (ASD)
Bi et al. 2018 <b>HERO ID:</b> 5043341 <i>OQD:</i> High	Central Texas, US Scenario: Settled dust from homes in central Texas (n = 92; DF = 1.0; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 1.78 µg/g LOQ: Not Reported	<LOD	2120 µg/g	271 µg/g (AM)	50th: 155 µg/g;	347 µg/g (ASD)
Kweon et al. 2018 <b>HERO ID:</b> 5043550 <i>OQD:</i> High	Seoul; Kyung-gi Province, KR Scenario: Dust from residential homes (n = 42; DF = 1.0; Sampling Period: 2017)	LOD: 2.5 µg/g LOQ: Not Reported	114 µg/g	4321 µg/g	1762 µg/g (AM)	50th: 1488 µg/g;	NR
Giovanoulis et al. 2019 <b>HERO ID:</b> 5412073 <i>OQD:</i> High	Stockholm, SE Scenario: Dust from 20 preschools (n = 20; DF = 1.0; Sampling Period: Jan., 2018 - Feb., 2018)	LOD: 0.48 µg/g LOQ: Not Reported	NR	NR	NR	50th: 117 µg/g; 95th: 329 µg/g;	NR
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE Scenario: House dust from 62 apartments (n = 62; DF = 1.0; Sampling Period: 2008)	LOD: 3.5 pg LOQ: Not Reported	33 µg/g	4843 µg/g	NR	25th: 218 µg/g; 50th: 449 µg/g; 75th: 701 µg/g;	NR

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Table 5 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Dodson et al. 2017 <b>HERO ID:</b> 5755270 <i>OQD:</i> High	Boston, MA, US Scenario: Surface wipes from green, low-income housing, POST-occupancy (n = 27; DF = 1.0; Sampling Period: Jul., 2013 - Jan., 2014)	LOD: 1 µg/ft <sup>2</sup> LOQ: 2.2 µg/ft <sup>2</sup>	3.8 µg/ft <sup>2</sup>	100 µg/ft <sup>2</sup>	24 µg/ft <sup>2</sup> (GM)	50th: 23 µg/ft <sup>2</sup> ; 95th: 77 µg/ft <sup>2</sup> ;	NR
Dodson et al. 2017 <b>HERO ID:</b> 5755270 <i>OQD:</i> High	Boston, MA, US Scenario: Surface wipes from green, low-income housing, PRE-occupancy (n = 10; DF = 1.0; Sampling Period: Jun., 2013 - Jul., 2013)	LOD: 1 µg/ft <sup>2</sup> LOQ: 2.2 µg/ft <sup>2</sup>	<LOQ	6.5 µg/ft <sup>2</sup>	3 µg/ft <sup>2</sup> (GM)	50th: 2.9 µg/ft <sup>2</sup> ; 95th: 6.3 µg/ft <sup>2</sup> ;	NR
Shin et al. 2019 <b>HERO ID:</b> 6968217 <i>OQD:</i> Medium	Northern California, US Scenario: Living room dust from 38 homes (n = 38; DF = 1.0; Sampling Period: May, 2015 - Aug., 2016)	LOD: 50 ng/g LOQ: Not Reported	27136 ng/g	NR	NR	25th: 36509 ng/g; 50th: 39124 ng/g; 75th: 52681 ng/g; 95th: 77532 ng/g;	0.35 ng/g (CV)

Table 6: Data Extraction Tables of Exposure Monitoring Studies for Groundwater

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Schrab et al. 1993 <b>HERO ID:</b> 661846 <i>OQD:</i> Low	Eastern, US Scenario: Groundwater (G-3) near municipal solid waste landfill (n = 1; DF = 1.0; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [29 µg/L]				
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Xuzhou, Yangtze River Delta, China, CN Scenario: Source groundwater for Xuzhou (n = 3; DF = 1.0; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	11 ng/L (AM)	NR	1.2 ng/L (ASD)
Hutchins et al. 1984 <b>HERO ID:</b> 1316091 <i>OQD:</i> Medium	Northwest of Boston, Massachusetts, US Scenario: Monitoring well No.4 down-gradient of infiltration basin (n = 3; DF = 1.0; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.1 µg/L (AM)	NR	NR
Hutchins et al. 1984 <b>HERO ID:</b> 1316091 <i>OQD:</i> Medium	Northwest of Boston, Massachusetts, US Scenario: Monitoring well No.5 down-gradient of infiltration basin (n = 3; DF = 1.0; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.68 µg/L (AM)	NR	NR
Enwright Associates et al. 1985 <b>HERO ID:</b> 1335577 <i>OQD:</i> Medium	Virginia, US Scenario: Groundwater from Allied Corporation, Chesterfield Plant (n = 20; DF = 0; Sampling Period: Feb., 1984)	LOD: 2 µg/L LOQ: Not Reported	NR	NR	ND	NR	NR
Westinghouse Savannah River Company et al. 1997 <b>HERO ID:</b> 1740826 <i>OQD:</i> Medium	South Carolina, US Scenario: Groundwater monitoring wells in a landfill (n = 16; DF = 0; Sampling Period: 1995 - 1996)	LOD: 1 µg/L LOQ: Not Reported	NR	NR	<LOD	NR	NR
Liu et al. 2016 <b>HERO ID:</b> 3350971 <i>OQD:</i> Medium	Eastern China, CN Scenario: Groundwater within a chemical industrial park (n = 9; DF = 0.89; Sampling Period: 2016)	LOD: 0.002 µg/L LOQ: Not Reported	NR	0.310 µg/L	0.3 µg/L (AM)	NR	NR
Heck et al. 1992 <b>HERO ID:</b> 5438509 <i>OQD:</i> Medium	Reno County, Kansas, US Scenario: Groundwater from private wells near Reno County Landfill (n = 5; DF = 0; Sampling Period: Aug., 1990)	LOD: Not Reported LOQ: 5.0 µg/L	NR	NR	<LOQ	NR	NR
Heck et al. 1992 <b>HERO ID:</b> 5438509 <i>OQD:</i> Medium	Reno County, Kansas, US Scenario: Groundwater from monitoring wells near Reno County Landfill (n = 8; DF = 0.5; Sampling Period: Aug., 1990)	LOD: Not Reported LOQ: 5.0 µg/L	POINT VALUE(S): [ <LOQ; 12 µg/L; 8 µg/L; 7 µg/L; <LOQ; 26 µg/L; <LOQ; <LOQ]				
Kotowska et al. 2020 <b>HERO ID:</b> 6958938 <i>OQD:</i> High	Multiple regions in Poland, PL Scenario: Groundwaters in monitoring wells upstream from landfills in Poland (n = 4; DF = 0.25; Sampling Period: Aug., 2012 - May, 2014)	LOD: 0.007 µg/L LOQ: 0.021 µg/L	<LOD	0.42 µg/L	- µg/L (AM)	50th: <LOD;	0.27 µg/L (ASD)

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Table 6 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kotowska et al. 2020 <b>HERO ID:</b> 6958938 <i>OQD:</i> High	Multiple regions in Poland, PL Scenario: Groundwaters in monitoring wells downstream from landfills in Poland (n = 22; DF = 0.32; Sampling Period: Aug., 2012 - May, 2014)	LOD: 0.007 μg/L LOQ: 0.021 μg/L	<LOD	1.27 μg/L	0.66 μg/L (AM)	50th: <LOD;	0.20 μg/L (ASD)
Bono-Blay et al. 2012 <b>HERO ID:</b> 1333834 <i>OQD:</i> High	Andalucía; Aragón; Asturias—Cantabria; Castilla y León—Madrid; Catalunya; Castilla La Mancha; Valencia; Extremadura; Galicia; Balearic islands; Canary Islands; Basque country—La Rioja, ES Scenario: Groundwater from 40 springs and 91 boreholes distributed all over Spain (n = 131; DF = 0; Sampling Period: 2007 - 2008)	LOD: 0.46 μg/L LOQ: 0.97 μg/L	NR	NR	<LOQ	NR	NR

Table 7: Data Extraction Tables of Exposure Monitoring Studies for Human Biomonitoring

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Calafat et al. 2004 <b>HERO ID:</b> 673259 <sup>‡</sup> <i>OQD:</i> Medium <i>mEHP</i>	San Jose, CA, US Scenario: Human Breast Milk from Mothers' Milk Bank - mEHP (n = 3; DF = 1; Sampling Period: 2004)	LOD: 0.6 ng/mL LOQ: Not Reported	NR	NR	7.8 ng/mL (AM)	NR	6.8 ng/mL (ASD)
Main et al. 2006 <b>HERO ID:</b> 673480 <sup>‡</sup> <i>OQD:</i> Medium <i>mEHP</i>	Rigshospitalet, Copenhagen, Denmark, DK Scenario: Breast milk from mothers in Denmark - mEHP (n = 65; DF = 1; Sampling Period: 1997 - 2001)	LOD: 0.10 µg/L LOQ: Not Reported	1.5 µg/L	191 µg/L	NR	50th: 9.5 µg/L;	NR
Main et al. 2006 <b>HERO ID:</b> 673480 <sup>‡</sup> <i>OQD:</i> Medium <i>mEHP</i>	Turku, Finland, FI Scenario: Breast milk from mothers in Finland - mEHP (n = 65; DF = 1; Sampling Period: 1997 - 2001)	LOD: 0.10 µg/L LOQ: Not Reported	4.0 µg/L	1410 µg/L	NR	50th: 13 µg/L;	NR
Latini et al. 2009 <b>HERO ID:</b> 673525 <sup>‡</sup> <i>OQD:</i> High <i>MEHP</i>	Brindisi and Tricase areas of Southern Italy, IT Scenario: Breastmilk of 62 healthy Italian mothers - MEHP (n = 62; DF = 1; Sampling Period: Mar., 2006 - Sept., 2006)	LOD: 0.3 mg/L LOQ: Not Reported	NR	109 µg/L	NR	L95thCI (AM): 7.6 µg/L; 50th: 8.4 µg/L; 95th: 28.5 µg/L; U95thCI (AM): 10.0 µg/L;	NR
Latini et al. 2009 <b>HERO ID:</b> 673525 <sup>‡</sup> <i>OQD:</i> High <i>5OH-MEHP</i>	Brindisi and Tricase areas of Southern Italy, IT Scenario: Breastmilk of 62 healthy Italian mothers - 5OH-MEHP (n = 62; DF = 0; Sampling Period: Mar., 2006 - Sept., 2006)	LOD: 0.3 mg/L LOQ: Not Reported	NR	NR	<LOD	NR	NR
Latini et al. 2009 <b>HERO ID:</b> 673525 <sup>‡</sup> <i>OQD:</i> High <i>5cx-MEPP</i>	Brindisi and Tricase areas of Southern Italy, IT Scenario: Breastmilk of 62 healthy Italian mothers - 5cx-MEPP (n = 62; DF = 0.02; Sampling Period: Mar., 2006 - Sept., 2006)	LOD: 0.3 mg/L LOQ: Not Reported	NR	0.6 µg/L	NR	50th: <LOD; 95th: <LOD;	NR
Latini et al. 2009 <b>HERO ID:</b> 673525 <sup>‡</sup> <i>OQD:</i> High <i>5-oxo-MEHP</i>	Brindisi and Tricase areas of Southern Italy, IT Scenario: Breastmilk of 62 healthy Italian mothers - 5-oxo-MEHP (n = 62; DF = 0; Sampling Period: Mar., 2006 - Sept., 2006)	LOD: 0.3 mg/L LOQ: Not Reported	NR	NR	<LOD	NR	NR
Latini et al. 2009 <b>HERO ID:</b> 673525 <sup>‡</sup> <i>OQD:</i> High <i>2cx-MMHP</i>	Brindisi and Tricase areas of Southern Italy, IT Scenario: Breastmilk of 62 healthy Italian mothers - 2cx-MMHP (n = 62; DF = 0; Sampling Period: Mar., 2006 - Sept., 2006)	LOD: 0.3 mg/L LOQ: Not Reported	NR	NR	<LOD	NR	NR
Adibi et al. 2003 <b>HERO ID:</b> 674904 <sup>‡</sup> <i>OQD:</i> Medium <i>mEHP</i>	New York City, NY USA, US Scenario: Urine samples from pregnant New York subjects (n = 25; DF = 1; Sampling Period: Jul., 2000)	LOD: Not Reported LOQ: Not Reported	5.60 µg/g	120 µg/g	26.0 µg/g (GM)	50th: 12.1 µg/g;	28.2 µg/g (ASD)

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Table 7 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cousins et al. 2007 <b>HERO ID:</b> 675060 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Various sites, SE Scenario: Urine from women 34 to 51 years old at University Hospital of Lund - MEHP (n = 6; DF = 1; Sampling Period: Dec., 2006)	LOD: 50 µg/L LOQ: Not Reported	POINT VALUE(S): [6.6 µg/L; 11 µg/L; 7.7 µg/L; 0.7 µg/L; 0.9 µg/L; 11 µg/L]				
Sathyanarayana et al. 2008 <b>HERO ID:</b> 676348 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Los Angeles, California (Harbor-UCLA and Cedars-Sinai), Minneapolis, Minnesota (University of Minnesota Health Center), and Columbia, Missouri (University Physicians), US Scenario: Unadjusted urine samples from infants with measured exposure to baby care products - MEOHP (n = 163; DF = 0.94; Sampling Period: Sept., 1999 - Aug., 2002)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	<LOD	<LOD	25th: <LOD; 50th: <LOD; 75th: <LOD;	<LOD
Sathyanarayana et al. 2008 <b>HERO ID:</b> 676348 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Los Angeles, California (Harbor-UCLA and Cedars-Sinai), Minneapolis, Minnesota (University of Minnesota Health Center), and Columbia, Missouri (University Physicians), US Scenario: Unadjusted urine samples from infants with measured exposure to baby care products - MEHP (n = 163; DF = 0.76; Sampling Period: Sept., 1999 - Aug., 2002)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	<LOD	<LOD	25th: <LOD; 50th: <LOD; 75th: <LOD;	<LOD
Sathyanarayana et al. 2008 <b>HERO ID:</b> 676348 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Los Angeles, California (Harbor-UCLA and Cedars-Sinai), Minneapolis, Minnesota (University of Minnesota Health Center), and Columbia, Missouri (University Physicians), US Scenario: Unadjusted urine samples from infants with measured exposure to baby care products - MEHHP (n = 163; DF = 0.93; Sampling Period: Sept., 1999 - Aug., 2002)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	<LOD	<LOD	25th: <LOD; 50th: <LOD; 75th: <LOD;	<LOD
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Central Taiwan, TW Scenario: Urine of pregnant women in Central Taiwan - unadjusted, MEHP (n = 100; DF = 1; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: Not Reported LOQ: Not Reported	0.14 µg/L	218 µg/L	10.82 µg/L (GM)	50th: 10.46 µg/L;	NR
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Central Taiwan, TW Scenario: Urine of children (5-6y) from Central Taiwan - unadjusted, MEHP (n = 59; DF = 1; Sampling Period: 2006 - 2007)	LOD: Not Reported LOQ: Not Reported	1.78 µg/L	73.86 µg/L	10.07 µg/L (GM)	50th: 8.4 µg/L;	NR
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Central Taiwan, TW Scenario: Urine of children (2-3y) from Central Taiwan - unadjusted, MEHP (n = 30; DF = 1; Sampling Period: 2003 - 2004)	LOD: Not Reported LOQ: Not Reported	1.25 µg/L	94.7 µg/L	9.55 µg/L (GM)	50th: 7.87 µg/L;	NR
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD:</i> Medium <i>5OH-MEHP</i>	Central Taiwan, TW Scenario: Urine of pregnant women in Central Taiwan - unadjusted, 5OH-MEHP (n = 100; DF = 1; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: Not Reported LOQ: Not Reported	1.29 µg/L	617 µg/L	22.73 µg/L (GM)	50th: 21.74 µg/L;	NR

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Table 7 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5OH-MEHP	Central Taiwan, TW Scenario: Urine of children (5-6y) from Central Taiwan - unadjusted, 5OH-MEHP (n = 59; DF = 1; Sampling Period: 2006 - 2007)	LOD: Not Reported LOQ: Not Reported	4.13 μg/L	943.87 μg/L	36.41 μg/L (GM)	50th: 30.98 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5OH-MEHP	Central Taiwan, TW Scenario: Urine of children (2-3y) from Central Taiwan - unadjusted, 5OH-MEHP (n = 30; DF = 1; Sampling Period: 2003 - 2004)	LOD: Not Reported LOQ: Not Reported	7.51 μg/L	1014 μg/L	48.15 μg/L (GM)	50th: 48.15 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5oxo-MEHP	Central Taiwan, TW Scenario: Urine of pregnant women in Central Taiwan - unadjusted, 5oxo-MEHP (n = 100; DF = 1; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: Not Reported LOQ: Not Reported	0.91 μg/L	645 μg/L	23.1 μg/L (GM)	50th: 20.8 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5oxo-MEHP	Central Taiwan, TW Scenario: Urine of children (5-6y) from Central Taiwan - unadjusted, 5oxo-MEHP (n = 59; DF = 1; Sampling Period: 2006 - 2007)	LOD: Not Reported LOQ: Not Reported	3.79 μg/L	623 μg/L	28.30 μg/L (GM)	50th: 23.41 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5oxo-MEHP	Central Taiwan, TW Scenario: Urine of children (2-3y) from Central Taiwan - unadjusted, 5oxo-MEHP (n = 30; DF = 1; Sampling Period: 2003 - 2004)	LOD: Not Reported LOQ: Not Reported	6.52 μg/L	761 μg/L	39.59 μg/L (GM)	50th: 38.56 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5cx MEPP	Central Taiwan, TW Scenario: Urine of pregnant women in Central Taiwan - unadjusted, 5cx-MEPP (n = 100; DF = 0.64; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: Not Reported LOQ: Not Reported	1.19 μg/L	859 μg/L	32.6 μg/L (GM)	50th: 27.91 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5cx MEPP	Central Taiwan, TW Scenario: Urine of children (5-6y) from Central Taiwan - unadjusted, 5cx-MEPP (n = 59; DF = 1; Sampling Period: 2006 - 2007)	LOD: Not Reported LOQ: Not Reported	8.87 μg/L	1390 μg/L	61.07 μg/L (GM)	50th: 53.24 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5cx MEPP	Central Taiwan, TW Scenario: Urine of children (2-3y) from Central Taiwan - unadjusted, 5cx-MEPP (n = 30; DF = 1; Sampling Period: 2003 - 2004)	LOD: Not Reported LOQ: Not Reported	8.81 μg/L	1224 μg/L	80.47 μg/L (GM)	50th: 91.38 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium MEHP	Central Taiwan, TW Scenario: Breastmilk of pregnant women from Central Taiwan - MEHP (n = 30; DF = 0.73; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: 0.25 μg/L LOQ: Not Reported	<LOD	46.53 μg/L	2.49 μg/L (GM)	50th: 3.60 μg/L;	NR
Lin et al. 2011 <b>HERO ID: 699479</b> ‡ OQD: Medium 5OH-MEHP	Central Taiwan, TW Scenario: Breastmilk of pregnant women from Central Taiwan - 5OH-MEHP (n = 30; DF = 0; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: 0.25 μg/L LOQ: Not Reported	NR	NR	<LOD	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD</i> : Medium <i>5oxo-MEHP</i>	Central Taiwan, TW Scenario: Breastmilk of pregnant women from Central Taiwan - 5oxo-MEHP (n = 30; DF = 0.07; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: 0.25 µg/L LOQ: Not Reported	<LOD	0.55 µg/L	0.26 µg/L (GM)	50th: <LOD;	NR
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD</i> : Medium <i>5cx MEPP</i>	Central Taiwan, TW Scenario: Breastmilk of pregnant women from Central Taiwan - 5cx-MEPP (n = 30; DF = 0.07; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: 0.25 µg/L LOQ: Not Reported	<LOD	3.72 µg/L	0.28 µg/L (GM)	50th: <LOD;	NR
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP</i>	Central Taiwan, TW Scenario: Cord blood of pregnant women from Central Taiwan - MEHP (n = 30; DF = 1; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: Not Reported LOQ: Not Reported	1.52 µg/L	32.20 µg/L	2.49 µg/L (GM)	50th: 3.02 µg/L;	NR
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD</i> : Medium <i>5OH-MEHP</i>	Central Taiwan, TW Scenario: Cord blood of pregnant women from Central Taiwan - 5OH-MEHP (n = 30; DF = 0.10; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: 0.25 µg/L LOQ: Not Reported	<LOD	0.47 µg/L	<LOD	50th: <LOD;	NR
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD</i> : Medium <i>5oxo-MEHP</i>	Central Taiwan, TW Scenario: Cord blood of pregnant women from Central Taiwan - 5oxo-MEHP (n = 30; DF = 0; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: 0.25 µg/L LOQ: Not Reported	NR	NR	<LOD	NR	NR
Lin et al. 2011 <b>HERO ID:</b> 699479 <sup>‡</sup> <i>OQD</i> : Medium <i>5cx MEPP</i>	Central Taiwan, TW Scenario: Cord blood of pregnant women from Central Taiwan - 5cx-MEPP (n = 30; DF = 0.97; Sampling Period: Dec., 2001 - Nov., 2002)	LOD: 0.25 µg/L LOQ: Not Reported	<LOD	10.70 µg/L	0.28 µg/L (GM)	50th: 1.28 µg/L;	NR
Fromme et al. 2011 <b>HERO ID:</b> 787934 <i>OQD</i> : Medium	Bavaria, Southern Germany, DE Scenario: Breastmilk from 78 healthy Bavarian mothers (n = 73; DF = 0.70; Sampling Period: 2007 - 2008)	LOD: Not Reported LOQ: 0.5 ng/g	<LOD	23.5 ng/g	5.1 ng/g (AM)	50th: 3.9 ng/g; 90th: 12.3 ng/g; 95th: 13.5 ng/g;	NR
Fromme et al. 2011 <b>HERO ID:</b> 787934 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP</i>	Bavaria, Southern Germany, DE Scenario: Breastmilk from 78 healthy Bavarian mothers - MEHP (n = 74; DF = 0.58; Sampling Period: 2007 - 2008)	LOD: Not Reported LOQ: 1.0 ng/g	<LOD	27.4 µg/L	3.0 µg/L (AM)	50th: 2.3 µg/L; 90th: 6.6 µg/L; 95th: 10.3 µg/L;	NR
Fromme et al. 2011 <b>HERO ID:</b> 787934 <sup>‡</sup> <i>OQD</i> : Medium <i>5oxo-MEHP</i>	Bavaria, Southern Germany, DE Scenario: Breastmilk from 78 healthy Bavarian mothers - 5oxo-MEHP (n = 74; DF = 0; Sampling Period: 2007 - 2008)	LOD: Not Reported LOQ: 0.5 µg/L	NR	NR	ND	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Fromme et al. 2011 <b>HERO ID:</b> 787934 <sup>‡</sup> <i>OQD:</i> Medium <i>5OH-MEHP</i>	Bavaria, Southern Germany, DE Scenario: Breastmilk from 78 healthy Bavarian mothers - 5OH-MEHP (n = 74; DF = 0; Sampling Period: 2007 - 2008)	LOD: Not Reported LOQ: 0.75 µg/L	NR	NR	ND	NR	NR
Hauser et al. 2004 <b>HERO ID:</b> 788014 <sup>‡</sup> <i>OQD:</i> High <i>MEHP</i>	Boston, MA, US Scenario: Metabolite levels in single spot urine sample from 369 men - unadjusted, MEHP (n = 369; DF = >0.90; Sampling Period: 2004)	LOD: 0.86 µg/L LOQ: Not Reported	NR	NR	5.7 µg/L (GM)	10th: 0.5 µg/L; 25th: 1.9 µg/L; 50th: 5.2 µg/L; 75th: 17.2 µg/L; 90th: 63.6 µg/L; 95th: 110 µg/L;	NR
Hauser et al. 2004 <b>HERO ID:</b> 788014 <sup>‡</sup> <i>OQD:</i> High <i>MEHP</i>	Boston, MA, US Scenario: Metabolite levels in single spot urine sample from 369 men - Specific-gravity adjusted, MEHP (n = 369; DF = >0.90; Sampling Period: 2004)	LOD: 0.86 µg/L LOQ: Not Reported	NR	NR	6.8 µg/L (GM)	10th: 0.8 µg/L; 25th: 2.4 µg/L; 50th: 6.5 µg/L; 75th: 19.5 µg/L; 90th: 64.5 µg/L; 95th: 120 µg/L;	NR
Schlumpf et al. 2010 <b>HERO ID:</b> 1249442 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP, 5OH-MEHP, 5oxo-MEHP, 5cx-MEPP</i>	Basel, CH Scenario: Human milk from individuals living in Switzerland (n = 20; DF = 1; Sampling Period: Aug., 2006 - Oct., 2006)	LOD: 0.5-1.0 ng/mL LOQ: Not Reported	9.60 ng/mL	122.00 ng/mL	<LOD	50th: 26.20 ng/mL; 95th: 74.98 ng/mL;	26.00 ng/mL (ASD)
Schlumpf et al. 2010 <b>HERO ID:</b> 1249442 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Basel, Switzerland, CH Scenario: Breast milk from mothers in summer to late fall (sunscreen and cosmetic usage reported) - MEHP (n = 20; DF = 1; Sampling Period: Aug., 2004 - Nov., 2006)	LOD: 0.5-1.0 µg/L LOQ: Not Reported	9.60 ng/g	122.00 ng/g	34.05 ng/g (AM)	50th: 26.20 ng/g; 95th: 74.98 ng/g;	26.00 ng/g (ASD)
Guerranti et al. 2013 <b>HERO ID:</b> 1597974 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Tuscany, IT Scenario: Human milk from women living in Italy (n = 32; DF = 0; Sampling Period: 2012)	LOD: 10 ng/g LOQ: Not Reported	3.31 ng/g	53.23 ng/g	17.41 ng/g (AM)	50th: 16.19 ng/g;	14.83 ng/g (ASD)
Serrano et al. 2014 <b>HERO ID:</b> 2345950 <sup>‡</sup> <i>OQD:</i> High <i>MEHP</i>	Seattle, WA; Atlanta, GA, US Scenario: MEHP in pregnant women within TIDES cohort (n = 656; DF = 0.66; Sampling Period: 2010 - 2012)	LOD: 0.3 ng/mL LOQ: Not Reported	2.37 ng/mL	2.73 ng/mL	2.54 ng/mL (GM)	NR	NR
Serrano et al. 2014 <b>HERO ID:</b> 2345950 <sup>‡</sup> <i>OQD:</i> High <i>MEHHP</i>	Seattle, WA; Atlanta, GA, US Scenario: MEHHP in pregnant women within TIDES cohort (n = 656; DF = 0.97; Sampling Period: 2010 - 2012)	LOD: 0.2 ng/mL LOQ: Not Reported	7.16 ng/mL	8.25 ng/mL	7.68 ng/mL (GM)	NR	NR
Serrano et al. 2014 <b>HERO ID:</b> 2345950 <sup>‡</sup> <i>OQD:</i> High <i>MEOHP</i>	Seattle, WA; Atlanta, GA, US Scenario: MEOHP in pregnant women within TIDES cohort (n = 656; DF = 0.97; Sampling Period: 2010 - 2012)	LOD: 0.2 ng/mL LOQ: Not Reported	5.19 ng/mL	5.95 ng/mL	5.56 ng/mL (GM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Serrano et al. 2014 <b>HERO ID:</b> 2345950 <sup>‡</sup> <i>OQD:</i> High <i>MECPP</i>	Seattle, WA; Atlanta, GA, US Scenario: MECPP in pregnant women within TIDES cohort (n = 656; DF = 0.97; Sampling Period: 2010 - 2012)	LOD: 0.2 ng/mL LOQ: Not Reported	9.41 ng/mL	10.72 ng/mL	10.05 ng/mL (GM)	NR	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 4yo children - MEHP (n = 172; DF = 0.792; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.5 µg/L LOQ: Not Reported	NR	NR	NR	25th: 0.6 µg/L; 50th: 1.5 µg/L; 75th: 3.7 µg/L;	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 5yo children - MEHP (n = 203; DF = 0.792; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.5 µg/L LOQ: Not Reported	NR	NR	NR	25th: 0.8 µg/L; 50th: 1.6 µg/L; 75th: 3.3 µg/L;	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 1yo children - MEHHP (n = 281; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 6.4 µg/L; 50th: 13.0 µg/L; 75th: 38.6 µg/L;	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 2yo children - MEHHP (n = 235; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 9.9 µg/L; 50th: 20.0 µg/L; 75th: 45.6 µg/L;	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 3yo children - MEHHP (n = 237; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 11.4 µg/L; 50th: 24.7 µg/L; 75th: 58.7 µg/L;	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 4yo children - MEHHP (n = 172; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 11.7 µg/L; 50th: 20.9 µg/L; 75th: 41.5 µg/L;	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 5yo children - MEHHP (n = 203; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 8.5 µg/L; 50th: 15.7 µg/L; 75th: 27.5 µg/L;	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 1yo children - MECPP (n = 281; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 17.9 µg/L; 50th: 35.1 µg/L; 75th: 94.4 µg/L;	NR
Watkins et al. 2014 <b>HERO ID:</b> 2347098 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 2yo children - MECPP (n = 235; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 19.7 µg/L; 50th: 43.4 µg/L; 75th: 93.3 µg/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Watkins et al. 2014 <b>HERO ID: 2347098</b> ‡ OQD: Medium MECPP	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 3yo children - MECPP (n = 237; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 26.4 µg/L; 50th: 50.4 µg/L; 75th: 99.8 µg/L;	NR
Watkins et al. 2014 <b>HERO ID: 2347098</b> ‡ OQD: Medium MECPP	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 4yo children - MECPP (n = 172; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 18.6 µg/L; 50th: 41.7 µg/L; 75th: 79.1 µg/L;	NR
Watkins et al. 2014 <b>HERO ID: 2347098</b> ‡ OQD: Medium MECPP	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 5yo children - MECPP (n = 203; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 19.3 µg/L; 50th: 30.1 µg/L; 75th: 55.8 µg/L;	NR
Watkins et al. 2014 <b>HERO ID: 2347098</b> ‡ OQD: Medium MEOHP	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 1yo children - MEOHP (n = 281; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 4.7 µg/L; 50th: 10.2 µg/L; 75th: 27.8 µg/L;	NR
Watkins et al. 2014 <b>HERO ID: 2347098</b> ‡ OQD: Medium MEOHP	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 2yo children - MEOHP (n = 235; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 5.8 µg/L; 50th: 14.1 µg/L; 75th: 30.1 µg/L;	NR
Watkins et al. 2014 <b>HERO ID: 2347098</b> ‡ OQD: Medium MEOHP	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 3yo children - MEOHP (n = 237; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 7.2 µg/L; 50th: 16.0 µg/L; 75th: 36.8 µg/L;	NR
Watkins et al. 2014 <b>HERO ID: 2347098</b> ‡ OQD: Medium MEOHP	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 4yo children - MEOHP (n = 172; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 7.4 µg/L; 50th: 14.1 µg/L; 75th: 28.1 µg/L;	NR
Watkins et al. 2014 <b>HERO ID: 2347098</b> ‡ OQD: Medium MEOHP	Cincinnati, OH, US Scenario: Unadjusted urinary measures from 5yo children - MEOHP (n = 203; DF = 1; Sampling Period: Mar., 2003 - Jan., 2006)	LOD: 0.2 µg/L LOQ: Not Reported	NR	NR	NR	25th: 5.5 µg/L; 50th: 10.6 µg/L; 75th: 18.9 µg/L;	NR
Pollack et al. 2014 <b>HERO ID: 2718036</b> ‡ OQD: Medium MECPP	Salt Lake City, UT; San Francisco, CA, US Scenario: Urine samples from women with fibroids - MECPP (n = 99; DF = 1; Sampling Period: 2007 - 2009)	LOD: Not Reported LOQ: 0.2 ng/mL	NR	NR	25.5 µg/g (GM)	L95thCI (AM): 21.2 µg/g; U95thCI (AM): 30.7 µg/g;	NR
Pollack et al. 2014 <b>HERO ID: 2718036</b> ‡ OQD: Medium MEHHP	Salt Lake City, UT; San Francisco, CA, US Scenario: Urine samples from women with fibroids - MEHHP (n = 99; DF = 1; Sampling Period: 2007 - 2009)	LOD: Not Reported LOQ: 0.2 ng/mL	NR	NR	15.8 µg/g (GM)	L95thCI (AM): 12.7 µg/g; U95thCI (AM): 19.6 µg/g;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Pollack et al. 2014 <b>HERO ID:</b> 2718036 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Salt Lake City, UT; San Francisco, CA, US Scenario: Urine samples from women with fibroids - MEOHP (n = 99; DF = 1; Sampling Period: 2007 - 2009)	LOD: Not Reported LOQ: 0.2 ng/mL	NR	NR	10.7 µg/g (GM)	L95thCI (AM): 8.8 µg/g; U95thCI (AM): 13.1 µg/g;	NR
Pollack et al. 2014 <b>HERO ID:</b> 2718036 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Salt Lake City, UT; San Francisco, CA, US Scenario: Urine samples from women with fibroids - MEHP (n = 99; DF = 0.69; Sampling Period: 2007 - 2009)	LOD: Not Reported LOQ: 1.0 ng/mL	NR	NR	4.7 µg/g (GM)	L95thCI (AM): 3.5 µg/g; U95thCI (AM): 6.3 µg/g;	NR
Pollack et al. 2014 <b>HERO ID:</b> 2718036 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Salt Lake City, UT; San Francisco, CA, US Scenario: Urine samples from women with no fibroids - MECPP (n = 374; DF = 1; Sampling Period: 2007 - 2009)	LOD: Not Reported LOQ: 0.2 ng/mL	NR	NR	24.7 µg/g (GM)	L95thCI (AM): 22.2 µg/g; U95thCI (AM): 27.4 µg/g;	NR
Pollack et al. 2014 <b>HERO ID:</b> 2718036 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Salt Lake City, UT; San Francisco, CA, US Scenario: Urine samples from women with no fibroids - MEHHP (n = 374; DF = 1; Sampling Period: 2007 - 2009)	LOD: Not Reported LOQ: 0.2 ng/mL	NR	NR	15.0 µg/g (GM)	L95thCI (AM): 13.2 µg/g; U95thCI (AM): 17.0 µg/g;	NR
Pollack et al. 2014 <b>HERO ID:</b> 2718036 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Salt Lake City, UT; San Francisco, CA, US Scenario: Urine samples from women with no fibroids - MEOHP (n = 374; DF = 1; Sampling Period: 2007 - 2009)	LOD: Not Reported LOQ: 0.2 ng/mL	NR	NR	10.4 µg/g (GM)	L95thCI (AM): 9.3 µg/g; U95thCI (AM): 11.6 µg/g;	NR
Pollack et al. 2014 <b>HERO ID:</b> 2718036 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Salt Lake City, UT; San Francisco, CA, US Scenario: Urine samples from women with no fibroids - MEHP (n = 374; DF = 0.69; Sampling Period: 2007 - 2009)	LOD: Not Reported LOQ: 1.0 ng/mL	NR	NR	4.3 µg/g (GM)	L95thCI (AM): 3.6 µg/g; U95thCI (AM): 5.1 µg/g;	NR
Vagi et al. 2014 <b>HERO ID:</b> 2718073 <sup>‡</sup> <i>OQD:</i> High <i>mECPP</i>	Los Angeles, CA, US Scenario: Urinary concentrations of PCOS case-patients - mECPP (n = 52; DF = >0.5; Sampling Period: Mar., 2007 - May, 2008)	LOD: 0.6 µg/L LOQ: Not Reported	NR	NR	47.9 µg/g (GM)	NR	NR
Vagi et al. 2014 <b>HERO ID:</b> 2718073 <sup>‡</sup> <i>OQD:</i> High <i>mEHHP</i>	Los Angeles, CA, US Scenario: Urinary concentrations of PCOS case-patients - mEHHP (n = 52; DF = >0.5; Sampling Period: Mar., 2007 - May, 2008)	LOD: 0.7 µg/L LOQ: Not Reported	NR	NR	27.3 µg/g (GM)	NR	NR
Vagi et al. 2014 <b>HERO ID:</b> 2718073 <sup>‡</sup> <i>OQD:</i> High <i>mEHP</i>	Los Angeles, CA, US Scenario: Urinary concentrations of PCOS case-patients - mEHP (n = 52; DF = >0.5; Sampling Period: Mar., 2007 - May, 2008)	LOD: 1.2 µg/L LOQ: Not Reported	NR	NR	3.2 µg/g (GM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Vagi et al. 2014 <b>HERO ID:</b> 2718073 ‡ <i>OQD:</i> High <i>mEOHP</i>	Los Angeles, CA, US Scenario: Urinary concentrations of PCOS case-patients - mEOHP (n = 52; DF = >0.5; Sampling Period: Mar., 2007 - May, 2008)	LOD: 0.7 µg/L LOQ: Not Reported	NR	NR	16.2 µg/g (GM)	NR	NR
Vagi et al. 2014 <b>HERO ID:</b> 2718073 ‡ <i>OQD:</i> High <i>mECPP</i>	Los Angeles, CA, US Scenario: Urinary concentrations of PCOS control-patients - mECPP (n = 50; DF = >0.5; Sampling Period: Mar., 2007 - May, 2008)	LOD: 0.6 µg/L LOQ: Not Reported	NR	NR	40.4 µg/g (GM)	NR	NR
Vagi et al. 2014 <b>HERO ID:</b> 2718073 ‡ <i>OQD:</i> High <i>mEHHP</i>	Los Angeles, CA, US Scenario: Urinary concentrations of PCOS control-patients - mEHHP (n = 50; DF = >0.5; Sampling Period: Mar., 2007 - May, 2008)	LOD: 0.7 µg/L LOQ: Not Reported	NR	NR	26.4 µg/g (GM)	NR	NR
Vagi et al. 2014 <b>HERO ID:</b> 2718073 ‡ <i>OQD:</i> High <i>mEHP</i>	Los Angeles, CA, US Scenario: Urinary concentrations of PCOS control-patients - mEHP (n = 50; DF = >0.5; Sampling Period: Mar., 2007 - May, 2008)	LOD: 1.2 µg/L LOQ: Not Reported	NR	NR	3.5 µg/g (GM)	NR	NR
Vagi et al. 2014 <b>HERO ID:</b> 2718073 ‡ <i>OQD:</i> High <i>mEOHP</i>	Los Angeles, CA, US Scenario: Urinary concentrations of PCOS control-patients - mEOHP (n = 50; DF = >0.5; Sampling Period: Mar., 2007 - May, 2008)	LOD: 0.7 µg/L LOQ: Not Reported	NR	NR	16.3 µg/g (GM)	NR	NR
Fisher et al. 2015 <b>HERO ID:</b> 2718085 ‡ <i>OQD:</i> Medium <i>MEHHP,MEHP,MEOHP,MECPP</i>	Ottawa, Canada, CA Scenario: Urine T1a (n = 80; DF = 1; Sampling Period: Nov., 2009 - Dec., 2011)	LOD: 0.4 µg/L LOQ: Not Reported	NR	335.42 µg/L	10.49 µg/L (GM)	5th: 2.20 µg/L; 25th: 4.85 µg/L; 50th: 10.25 µg/L; 75th: 18.51 µg/L; 95th: 64.20 µg/L;	NR
Fisher et al. 2015 <b>HERO ID:</b> 2718085 ‡ <i>OQD:</i> Medium <i>MEHHP,MEHP,MEOHP,MECPP</i>	Ottawa, Canada, CA Scenario: Urine T1b (n = 80; DF = 1; Sampling Period: Nov., 2009 - Dec., 2011)	LOD: 0.4 µg/L LOQ: Not Reported	NR	101.06 µg/L	8.71 µg/L (GM)	5th: 2.44 µg/L; 25th: 4.81 µg/L; 50th: 8.57 µg/L; 75th: 14.94 µg/L; 95th: 35.15 µg/L;	NR
Fisher et al. 2015 <b>HERO ID:</b> 2718085 ‡ <i>OQD:</i> Medium <i>MEHHP,MEHP,MEOHP</i>	Ottawa, Canada, CA Scenario: Urine T2 (n = 80; DF = 1; Sampling Period: Nov., 2009 - Dec., 2011)	LOD: 0.4 µg/L LOQ: Not Reported	NR	210.00 µg/L	6.60 µg/L (GM)	5th: 0.78 µg/L; 25th: 3.28 µg/L; 50th: 5.59 µg/L; 75th: 11.71 µg/L; 95th: 59.75 µg/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Fisher et al. 2015 <b>HERO ID:</b> 2718085 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP,MEHP,MEOHP</i>	Ottawa, Canada, CA Scenario: Urine T3 (n = 80; DF = 1; Sampling Period: Nov., 2009 - Dec., 2011)	LOD: 0.4 µg/L LOQ: Not Reported	NR	180.00 µg/L	9.69 µg/L (GM)	5th: 2.20 µg/L; 25th: 6.10 µg/L; 50th: 9.09 µg/L; 75th: 17.00 µg/L; 95th: 48.00 µg/L;	NR
Fisher et al. 2015 <b>HERO ID:</b> 2718085 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP,MEHP,MEOHP</i>	Ottawa, Canada, CA Scenario: Urine T5 (n = 80; DF = 1; Sampling Period: Nov., 2009 - Dec., 2011)	LOD: 0.4 µg/L LOQ: Not Reported	NR	160.00 µg/L	7.46 µg/L (GM)	5th: 1.22 µg/L; 25th: 4.15 µg/L; 50th: 7.62 µg/L; 75th: 16.00 µg/L; 95th: 37.00 µg/L;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Michigan; Texas, US Scenario: Urinary concentrations of mothers with boy infant - MECPP (n = 213; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	14.4 ng/mL (GM)	2.5th: 10.9 ng/mL; 97.5th: 19.2 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of mothers with boy infant - MEHHP (n = 213; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	9.00 ng/mL (GM)	2.5th: 6.83 ng/mL; 97.5th: 11.9 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of mothers with boy infant - MEOHP (n = 213; DF = 0.96; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	5.51 ng/mL (GM)	2.5th: 4.05 ng/mL; 97.5th: 7.49 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of mothers with boy infant - MEHP (n = 213; DF = 0.40; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	3.46 ng/mL (GM)	2.5th: 2.30 ng/mL; 97.5th: 5.20 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Michigan; Texas, US Scenario: Urinary concentrations of mothers with girl infant - MECPP (n = 213; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	12.4 ng/mL (GM)	2.5th: 9.19 ng/mL; 97.5th: 16.6 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of mothers with girl infant - MEHHP (n = 213; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	9.30 ng/mL (GM)	2.5th: 7.03 ng/mL; 97.5th: 12.3 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of mothers with girl infant - MEOHP (n = 213; DF = 0.96; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	4.79 ng/mL (GM)	2.5th: 3.47 ng/mL; 97.5th: 6.61 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of mothers with girl infant - MEHP (n = 213; DF = 0.40; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	4.53 ng/mL (GM)	2.5th: 2.88 ng/mL; 97.5th: 7.11 ng/mL;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Michigan; Texas, US Scenario: Urinary concentrations of fathers with boy infant - MECPP (n = 212; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	17.5 ng/mL (GM)	2.5th: 13.0 ng/mL; 97.5th: 23.6 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of fathers with boy infant - MEHHP (n = 212; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	13.6 ng/mL (GM)	2.5th: 9.88 ng/mL; 97.5th: 18.7 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of fathers with boy infant - MEOHP (n = 212; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	6.17 ng/mL (GM)	2.5th: 4.44 ng/mL; 97.5th: 8.58 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of fathers with boy infant - MEHP (n = 212; DF = 0.51; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	4.45 ng/mL (GM)	2.5th: 2.92 ng/mL; 97.5th: 6.79 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Michigan; Texas, US Scenario: Urinary concentrations of fathers with girl infant - MECPP (n = 212; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	20.5 ng/mL (GM)	2.5th: 15.7 ng/mL; 97.5th: 26.9 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of fathers with girl infant - MEHHP (n = 212; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	16.0 ng/mL (GM)	2.5th: 12.0 ng/mL; 97.5th: 21.5 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of fathers with girl infant - MEOHP (n = 212; DF = 0.99; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	8.10 ng/mL (GM)	2.5th: 6.16 ng/mL; 97.5th: 10.7 ng/mL;	NR
Bae et al. 2015 <b>HERO ID:</b> 2816865 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Michigan; Texas, US Scenario: Urinary concentrations of fathers with girl infant - MEHP (n = 212; DF = 0.51; Sampling Period: 2005 - 2009)	LOD: 0.2 - 1.0 ng/mL LOQ: Not Reported	NR	NR	4.62 ng/mL (GM)	2.5th: 3.09 ng/mL; 97.5th: 6.91 ng/mL;	NR
Huen et al. 2016 <b>HERO ID:</b> 3230402 <sup>‡</sup> <i>OQD:</i> High <i>MEHP</i>	Salinas Valley, California, US Scenario: Urinary measures of mothers at 13 weeks gestation - MEHP (n = 350; DF = 0.896; Sampling Period: 1999 - 2000)	LOD: 0.5 µg/L LOQ: Not Reported	0 µg/g	272.3 µg/g	NR	25th: 1.4 µg/g; 50th: 3.1 µg/g; 75th: 6.7 µg/g;	NR
Huen et al. 2016 <b>HERO ID:</b> 3230402 <sup>‡</sup> <i>OQD:</i> High <i>MEHP</i>	Salinas Valley, California, US Scenario: Urinary measures of mothers at 26 weeks gestation - MEHP (n = 339; DF = 0.896; Sampling Period: 1999 - 2000)	LOD: 0.5 µg/L LOQ: Not Reported	0 µg/g	104.4 µg/g	NR	25th: 1.9 µg/g; 50th: 3.7 µg/g; 75th: 6.9 µg/g;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Huen et al. 2016 <b>HERO ID:</b> 3230402 ‡ <i>OQD:</i> High <i>MEHHP</i>	Salinas Valley, California, US Scenario: Urinary measures of mothers at 13 weeks gestation - MEHHP (n = 350; DF = 0.994; Sampling Period: 1999 - 2000)	LOD: 0.2 µg/L LOQ: Not Reported	0.7 µg/g	846.7 µg/g	NR	25th: 6.6 µg/g; 50th: 12.8 µg/g; 75th: 24.6 µg/g;	NR
Huen et al. 2016 <b>HERO ID:</b> 3230402 ‡ <i>OQD:</i> High <i>MEHHP</i>	Salinas Valley, California, US Scenario: Urinary measures of mothers at 26 weeks gestation - MEHHP (n = 339; DF = 0.994; Sampling Period: 1999 - 2000)	LOD: 0.2 µg/L LOQ: Not Reported	0.2 µg/g	865.7 µg/g	NR	25th: 8.7 µg/g; 50th: 15.9 µg/g; 75th: 28.6 µg/g;	NR
Huen et al. 2016 <b>HERO ID:</b> 3230402 ‡ <i>OQD:</i> High <i>MEOHP</i>	Salinas Valley, California, US Scenario: Urinary measures of mothers at 13 weeks gestation - MEOHP (n = 350; DF = 0.983; Sampling Period: 1999 - 2000)	LOD: 0.2 µg/L LOQ: Not Reported	0.1 µg/g	630.2 µg/g	NR	25th: 4.7 µg/g; 50th: 8.7 µg/g; 75th: 15.9 µg/g;	NR
Huen et al. 2016 <b>HERO ID:</b> 3230402 ‡ <i>OQD:</i> High <i>MEOHP</i>	Salinas Valley, California, US Scenario: Urinary measures of mothers at 26 weeks gestation - MEOHP (n = 339; DF = 0.983; Sampling Period: 1999 - 2000)	LOD: 0.2 µg/L LOQ: Not Reported	0.1 µg/g	651.6 µg/g	NR	25th: 6.9 µg/g; 50th: 12.6 µg/g; 75th: 22.2 µg/g;	NR
Huen et al. 2016 <b>HERO ID:</b> 3230402 ‡ <i>OQD:</i> High <i>MECPP</i>	Salinas Valley, California, US Scenario: Urinary measures of mothers at 13 weeks gestation - MECPP (n = 350; DF = 1; Sampling Period: 1999 - 2000)	LOD: 0.2 µg/L LOQ: Not Reported	1.3 µg/g	1135.6 µg/g	NR	25th: 13.8 µg/g; 50th: 22 µg/g; 75th: 38 µg/g;	NR
Huen et al. 2016 <b>HERO ID:</b> 3230402 ‡ <i>OQD:</i> High <i>MECPP</i>	Salinas Valley, California, US Scenario: Urinary measures of mothers at 26 weeks gestation - MECPP (n = 339; DF = 1; Sampling Period: 1999 - 2000)	LOD: 0.2 µg/L LOQ: Not Reported	5.2 µg/g	1222.1 µg/g	NR	25th: 17.4 µg/g; 50th: 26.9 µg/g; 75th: 48.5 µg/g;	NR
Ferguson et al. 2016 <b>HERO ID:</b> 3350218 ‡ <i>OQD:</i> High <i>MEHP</i>	Boston, MA, US Scenario: Urine from pregnant women in Boston, 10 weeks gestation - MEHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 5.67 µg/L; 50th: 10.9 µg/L; 75th: 21.9 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID:</b> 3350218 ‡ <i>OQD:</i> High <i>MEHP</i>	Boston, MA, US Scenario: Urine from pregnant women in Boston, 26 weeks gestation - MEHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 5.75 µg/L; 50th: 11.2 µg/L; 75th: 18.9 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID:</b> 3350218 ‡ <i>OQD:</i> High <i>MEHP</i>	Boston, MA, US Scenario: Urine from pregnant women in Boston, 35 weeks gestation - MEHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 6.14 µg/L; 50th: 10.5 µg/L; 75th: 18.3 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID:</b> 3350218 ‡ <i>OQD:</i> High <i>MEHHP</i>	Boston, MA, US Scenario: Urine from pregnant women in Boston, 10 weeks gestation - MEHHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 17.4 µg/L; 50th: 33.5 µg/L; 75th: 80.2 µg/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MEHHP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 18 weeks gestation - MEHHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 20.3 µg/L; 50th: 34.3 µg/L; 75th: 67.1 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MEHHP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 26 weeks gestation - MEHHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 18.6 µg/L; 50th: 32.8 µg/L; 75th: 57.0 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MEHHP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 35 weeks gestation - MEHHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 19.9 µg/L; 50th: 34.1 µg/L; 75th: 57.4 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MEOHP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 10 weeks gestation - MEOHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 8.57 µg/L; 50th: 16.8 µg/L; 75th: 40.3 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MEOHP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 18 weeks gestation - MEOHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 10.3 µg/L; 50th: 17.1 µg/L; 75th: 35.2 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MEOHP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 26 weeks gestation - MEOHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 10.4 µg/L; 50th: 16.7 µg/L; 75th: 31.6 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MEOHP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 35 weeks gestation - MEOHP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 11.1 µg/L; 50th: 18.3 µg/L; 75th: 29.8 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MECPP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 10 weeks gestation - MECPP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 18.9 µg/L; 50th: 40.3 µg/L; 75th: 107 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MECPP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 18 weeks gestation - MECPP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 21.5 µg/L; 50th: 40.3 µg/L; 75th: 83.0 µg/L;	NR
Ferguson et al. 2016 <b>HERO ID: 3350218</b> <sup>‡</sup> OQD: High MECPP	Boston, MA, US Scenario: Urine from pregnant women in Boston, 26 weeks gestation - MECPP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 21.6 µg/L; 50th: 40.0 µg/L; 75th: 73.1 µg/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ferguson et al. 2016 <b>HERO ID:</b> 3350218 <sup>‡</sup> <i>OQD:</i> High <i>MECPP</i>	Boston, MA, US Scenario: Urine from pregnant women in Boston, 35 weeks gestation - MECPP (n = 1924; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	25th: 23.7 µg/L; 50th: 42.9 µg/L; 75th: 70.7 µg/L;	NR
Rahbar et al. 2017 <b>HERO ID:</b> 4728376 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Alabama, Florida, or Mississippi, US Scenario: Urinary measures from children with Autism - MEHP (n = 24; DF = 0.303; Sampling Period: Jul., 2015 - Sept., 2016)	LOD: 0.98-1.03 ng/mL LOQ: Not Reported	0.43 µg/g	21.39 µg/g	<LOD	NR	NR
Rahbar et al. 2017 <b>HERO ID:</b> 4728376 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Alabama, Florida, or Mississippi, US Scenario: Urinary measures from typically developed children - MEHP (n = 8; DF = 0.303; Sampling Period: Jul., 2015 - Sept., 2016)	LOD: 0.98-1.03 ng/mL LOQ: Not Reported	0.55 µg/g	5.54 µg/g	<LOD	NR	NR
Rahbar et al. 2017 <b>HERO ID:</b> 4728376 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Alabama, Florida, or Mississippi, US Scenario: Urinary measures from children with Autism - MEOHP (n = 24; DF = 1; Sampling Period: Jul., 2015 - Sept., 2016)	LOD: 0.99-4.59 ng/mL LOQ: Not Reported	1.93 µg/g	117.99 µg/g	9.76 µg/g (AM)	NR	2.52 µg/g (ASD)
Rahbar et al. 2017 <b>HERO ID:</b> 4728376 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Alabama, Florida, or Mississippi, US Scenario: Urinary measures from typically developed children - MEOHP (n = 8; DF = 1; Sampling Period: Jul., 2015 - Sept., 2016)	LOD: 0.99-4.59 ng/mL LOQ: Not Reported	3.93 µg/g	39.26 µg/g	8.23 µg/g (AM)	NR	2.13 µg/g (ASD)
Rahbar et al. 2017 <b>HERO ID:</b> 4728376 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Alabama, Florida, or Mississippi, US Scenario: Urinary measures from children with Autism - MEHHP (n = 24; DF = 0.939; Sampling Period: Jul., 2015 - Sept., 2016)	LOD: 0.98-3.96 ng/mL LOQ: Not Reported	2.25 µg/g	144.36 µg/g	14.94 µg/g (AM)	NR	2.45 µg/g (ASD)
Rahbar et al. 2017 <b>HERO ID:</b> 4728376 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Alabama, Florida, or Mississippi, US Scenario: Urinary measures from typically developed children - MEHHP (n = 8; DF = 0.939; Sampling Period: Jul., 2015 - Sept., 2016)	LOD: 0.98-3.96 ng/mL LOQ: Not Reported	0.91 µg/g	46.86 µg/g	11.08 µg/g (AM)	NR	3.22 µg/g (ASD)
Polinski et al. 2018 <b>HERO ID:</b> 4728411 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Colorado, US Scenario: Creatinine adjusted urine measures from Colorado women <24 weeks gestation - MECPP (n = 446; DF = 1; Sampling Period: 2009 - 2014)	LOD: 0.2 ng/mL LOQ: Not Reported	NR	NR	11.3 ng/mL (GM)	5th: 3.4 ng/mL; 95th: 44.6 ng/mL;	NR
Polinski et al. 2018 <b>HERO ID:</b> 4728411 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Colorado, US Scenario: Creatinine adjusted urine measures from Colorado women <24 weeks gestation - MEHHP (n = 446; DF = 0.99; Sampling Period: 2009 - 2014)	LOD: 0.2 ng/mL LOQ: Not Reported	NR	NR	4.9 ng/mL (GM)	5th: 1.1 ng/mL; 95th: 25.3 ng/mL;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Polinski et al. 2018 <b>HERO ID: 4728411</b> ‡ OQD: Medium MEHP	Colorado, US Scenario: Creatinine adjusted urine measures from Colorado women <24 weeks gestation - MEHP (n = 446; DF = 0.73; Sampling Period: 2009 - 2014)	LOD: 0.5 ng/mL LOQ: Not Reported	NR	NR	1.3 ng/mL (GM)	5th: 0 ng/mL; 95th: 5.8 ng/mL;	NR
Polinski et al. 2018 <b>HERO ID: 4728411</b> ‡ OQD: Medium MEOHP	Colorado, US Scenario: Creatinine adjusted urine measures from Colorado women <24 weeks gestation - MEOHP (n = 446; DF = 0.99; Sampling Period: 2009 - 2014)	LOD: 0.2 ng/mL LOQ: Not Reported	NR	NR	4.6 ng/mL (GM)	5th: 1.2 ng/mL; 95th: 19.6 ng/mL;	NR
Polinski et al. 2018 <b>HERO ID: 4728411</b> ‡ OQD: Medium MECPP	Colorado, US Scenario: Unadjusted urine measures from Colorado women <24 weeks gestation - MECPP (n = 446; DF = 1; Sampling Period: 2009 - 2014)	LOD: 0.2 ng/mL LOQ: Not Reported	NR	NR	10.1 ng/mL (GM)	5th: 1.6 ng/mL; 95th: 54.9 ng/mL;	NR
Polinski et al. 2018 <b>HERO ID: 4728411</b> ‡ OQD: Medium MEHHP	Colorado, US Scenario: Unadjusted urine measures from Colorado women <24 weeks gestation - MEHHP (n = 446; DF = 0.99; Sampling Period: 2009 - 2014)	LOD: 0.2 ng/mL LOQ: Not Reported	NR	NR	4.3 ng/mL (GM)	5th: 0.5 ng/mL; 95th: 29.1 ng/mL;	NR
Polinski et al. 2018 <b>HERO ID: 4728411</b> ‡ OQD: Medium MEHP	Colorado, US Scenario: Unadjusted urine measures from Colorado women <24 weeks gestation - MEHP (n = 446; DF = 0.73; Sampling Period: 2009 - 2014)	LOD: 0.5 ng/mL LOQ: Not Reported	NR	NR	0.9 ng/mL (GM)	5th: 0.1 ng/mL; 95th: 8.1 ng/mL;	NR
Polinski et al. 2018 <b>HERO ID: 4728411</b> ‡ OQD: Medium MEOHP	Colorado, US Scenario: Unadjusted urine measures from Colorado women <24 weeks gestation - MEOHP (n = 446; DF = 0.99; Sampling Period: 2009 - 2014)	LOD: 0.2 ng/mL LOQ: Not Reported	NR	NR	4.1 ng/mL (GM)	5th: 0.5 ng/mL; 95th: 25.1 ng/mL;	NR
Kim et al. 2018 <b>HERO ID: 4728479</b> ‡ OQD: Medium MEHP	Seoul, Anyang, Ansan, and Jeju, KR Scenario: Breastmilk from participants of the CHECK cohort (n = 73; DF = 1; Sampling Period: 2011 - 2012)	LOD: 0.3 µg/L LOQ: Not Reported	NR	NR	NR	25th: 1.7 µg/L; 50th: 2.5 µg/L; 75th: 3.7 µg/L;	NR
Huffman et al. 2018 <b>HERO ID: 4728509</b> ‡ OQD: Medium MEHP	Springfield, MA, US Scenario: Urinary metabolite measures in men undergoing fertility treatment - MEHP (n = 99; DF = 0.717; Sampling Period: 2014 - 2017)	LOD: 0.1 - 0.9 ng/mL LOQ: Not Reported	NR	NR	1.35 ng/mL (GM)	L95thCI (AM): 1.15 ng/mL; 25th: 0.74 ng/mL; 50th: 1.25 ng/mL; 75th: 2.11 ng/mL; 95th: 4.91 ng/mL; U95thCI (AM): 1.59 ng/mL;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Huffman et al. 2018 <b>HERO ID:</b> 4728509 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Springfield, MA, US Scenario: Urinary metabolite measures in men undergoing fertility treatment - MEOHP (n = 99; DF = 1; Sampling Period: 2014 - 2017)	LOD: 0.1 - 0.9 ng/mL LOQ: Not Reported	NR	NR	4.77 ng/mL (GM)	L95thCI (AM): 4.08 ng/mL; 25th: 3.11 ng/mL; 50th: 4.44 ng/mL; 75th: 6.61 ng/mL; 95th: 20.9 ng/mL; U95thCI (AM): 5.59 ng/mL;	NR
Huffman et al. 2018 <b>HERO ID:</b> 4728509 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Springfield, MA, US Scenario: Urinary metabolite measures in men undergoing fertility treatment - MEHHP (n = 99; DF = 1; Sampling Period: 2014 - 2017)	LOD: 0.1 - 0.9 ng/mL LOQ: Not Reported	NR	NR	7.13 ng/mL (GM)	L95thCI (AM): 6.08 ng/mL; 25th: 4.43 ng/mL; 50th: 6.67 ng/mL; 75th: 9.50 ng/mL; 95th: 28.7 ng/mL; U95thCI (AM): 8.35 ng/mL;	NR
Huffman et al. 2018 <b>HERO ID:</b> 4728509 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Springfield, MA, US Scenario: Urinary metabolite measures in men undergoing fertility treatment - MECPP (n = 99; DF = 1; Sampling Period: 2014 - 2017)	LOD: 0.1 - 0.9 ng/mL LOQ: Not Reported	NR	NR	11.27 ng/mL (GM)	L95thCI (AM): 9.62 ng/mL; 25th: 6.93 ng/mL; 50th: 10.5 ng/mL; 75th: 15.9 ng/mL; 95th: 52.5 ng/mL; U95thCI (AM): 13.22 ng/mL;	NR
Hartle et al. 2018 <b>HERO ID:</b> 4728555 <sup>‡</sup> <i>OQD:</i> High <i>MEHP, MEOHP, MEHHP</i>	Throughout CA, US Scenario: Human milk from milk bank donors (n = 21; DF = 1; Sampling Period: 2015)	LOD: 0.6 ng/mL LOQ: Not Reported	17.81 ng/g	2540.94 ng/g	488.77 ng/g (AM)	10th: 28.07 ng/g; 25th: 47.96 ng/g; 50th: 124.44 ng/g; 75th: 190.98 ng/g; 90th: 2023.05 ng/g;	809.34 ng/g (ASD)
Bedrosian et al. 2018 <b>HERO ID:</b> 4728685 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Boston, MA, US Scenario: Pregnant Women Urine Samples from Boston - MEHP (n = 134; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	888 ng/mL	7.52 ng/mL (GM)	25th: 3.05 ng/mL; 50th: 7.12 ng/mL; 75th: 15.1 ng/mL; 95th: 83.4 ng/mL;	NR
Bedrosian et al. 2018 <b>HERO ID:</b> 4728685 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Boston, MA, US Scenario: Pregnant Women Urine Samples from Boston - MEHHP (n = 134; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	2100 ng/mL	21.6 ng/mL (GM)	25th: 6.91 ng/mL; 50th: 19.8 ng/mL; 75th: 42.9 ng/mL; 95th: 390 ng/mL;	NR
Bedrosian et al. 2018 <b>HERO ID:</b> 4728685 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	Boston, MA, US Scenario: Pregnant Women Urine Samples from Boston - MEOHP (n = 134; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	1200 ng/mL	12.9 ng/mL (GM)	25th: 4.25 ng/mL; 50th: 12.1 ng/mL; 75th: 25.9 ng/mL; 95th: 178 ng/mL;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Bedrosian et al. 2018 <b>HERO ID:</b> 4728685 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	Boston, MA, US Scenario: Pregnant Women Urine Samples from Boston - MECPP (n = 134; DF = 1; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	4290 ng/mL	32.6 ng/mL (GM)	25th: 10.8 ng/mL; 50th: 29.6 ng/mL; 75th: 72.4 ng/mL; 95th: 439 ng/mL;	NR
Malits et al. 2018 <b>HERO ID:</b> 4829246 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP</i>	USA, US Scenario: Urinary concentrations in children with chronic kidney disease (mild-moderate) - MECPP (n = 538; DF = >0.75; Sampling Period: 2005 - 2014)	LOD: 0.02-0.5 ng/mL LOQ: Not Reported	NR	NR	1.61 ng/mL (GM)	L95thCI (AM): 1.38 ng/mL; 25th: 0.41 ng/mL; 50th: 0.77 ng/mL; 75th: 6.73 ng/mL; U95thCI (AM): 1.89 ng/mL;	NR
Malits et al. 2018 <b>HERO ID:</b> 4829246 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	USA, US Scenario: Urinary concentrations in children with chronic kidney disease (mild-moderate) - MEHHP (n = 538; DF = >0.75; Sampling Period: 2005 - 2014)	LOD: 0.02-0.5 ng/mL LOQ: Not Reported	NR	NR	3.86 ng/mL (GM)	L95thCI (AM): 3.46 ng/mL; 25th: 1.53 ng/mL; 50th: 3.12 ng/mL; 75th: 8.60 ng/mL; U95thCI (AM): 4.30 ng/mL;	NR
Malits et al. 2018 <b>HERO ID:</b> 4829246 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	USA, US Scenario: Urinary concentrations in children with chronic kidney disease (mild-moderate) - MEOHP (n = 538; DF = >0.75; Sampling Period: 2005 - 2014)	LOD: 0.02-0.5 ng/mL LOQ: Not Reported	NR	NR	1.91 ng/mL (GM)	L95thCI (AM): 1.69 ng/mL; 25th: 0.69 ng/mL; 50th: 1.46 ng/mL; 75th: 4.999 ng/mL; U95thCI (AM): 2.17 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID:</b> 5039985 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine measures of third trimester pregnant adult African American or Dominican women who were/are at least 1-year residents of northern Manhattan or South Bronx - MEHHP (n = 209; DF = 1; Sampling Period: 1999 - 2006)	LOD: 0.7 ng/mL LOQ: Not Reported	1.1 ng/mL	1380 ng/mL	21.2 ng/mL (GM)	50th: 21 ng/mL; 75th: 44.1 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID:</b> 5039985 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 3-year-old children with African-American or Dominican maternal descent - MEHHP (n = 166; DF = 0.99; Sampling Period: 2002 - 2008)	LOD: 0.7 ng/mL LOQ: Not Reported	<LOD	646 ng/mL	32.8 ng/mL (GM)	25th: 15.5 ng/mL; 50th: 32 ng/mL; 75th: 87.5 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID:</b> 5039985 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 5-year-old children with African-American or Dominican maternal descent - MEHHP (n = 199; DF = 0.99; Sampling Period: 2004 - 2009)	LOD: 0.7 ng/mL LOQ: Not Reported	<LOD	817 ng/mL	36.4 ng/mL (GM)	25th: 16.30 ng/mL; 50th: 35.8 ng/mL; 75th: 81.8 ng/mL;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEHHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 7-year-old children with African-American or Dominican maternal descent - MEHHP (n = 156; DF = 1; Sampling Period: 2005 - 2009)	LOD: 0.7 ng/mL LOQ: Not Reported	NR	NR	43 ng/mL (GM)	25th: 18.5 ng/mL; 50th: 41.1 ng/mL; 75th: 79 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine measures of third trimester pregnant adult African American or Dominican women who were/are at least 1-year residents of northern Manhattan or South Bronx - MEHP (n = 209; DF = 0.83; Sampling Period: 1999 - 2006)	LOD: 1.2 ng/mL LOQ: Not Reported	<LOD	213 ng/mL	4.8 ng/mL (GM)	25th: 2.0 ng/mL; 50th: 4.4 ng/mL; 75th: 10.5 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 3-year-old children with African-American or Dominican maternal descent - MEHP (n = 166; DF = 0.79; Sampling Period: 2002 - 2008)	LOD: 1.2 ng/mL LOQ: Not Reported	<LOD	60 ng/mL	3.2 ng/mL (GM)	25th: 1.2 ng/mL; 50th: 3.2 ng/mL; 75th: 7.1 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 5-year-old children with African-American or Dominican maternal descent - MEHP (n = 199; DF = 1; Sampling Period: 2004 - 2009)	LOD: 1.2 ng/mL LOQ: Not Reported	<LOD	146 ng/mL	3.2 ng/mL (GM)	25th: 0.85 ng/mL; 50th: 3.1 ng/mL; 75th: 6 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 7-year-old children with African-American or Dominican maternal descent - MEHP (n = 156; DF = 1; Sampling Period: 2005 - 2009)	LOD: 1.2 ng/mL LOQ: Not Reported	NR	NR	4.1 ng/mL (GM)	25th: 1.7 ng/mL; 50th: 3.6 ng/mL; 75th: 8.55 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MECPP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine measures of third trimester pregnant adult African American or Dominican women who were/are at least 1-year residents of northern Manhattan or South Bronx - MECPP (n = 209; DF = 1; Sampling Period: 1999 - 2006)	LOD: 0.6 ng/mL LOQ: Not Reported	3.0 ng/mL	1210 ng/mL	37.7 ng/mL (GM)	25th: 19.4 ng/mL; 50th: 35.2 ng/mL; 75th: 75.8 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MECPP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 3-year-old children with African-American or Dominican maternal descent - MECPP (n = 166; DF = 1; Sampling Period: 2002 - 2008)	LOD: 0.6 ng/mL LOQ: Not Reported	1.2 ng/mL	933 ng/mL	61.6 ng/mL (GM)	25th: 27.6 ng/mL; 50th: 58.75 ng/mL; 75th: 133 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MECPP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 5-year-old children with African-American or Dominican maternal descent - MECPP (n = 199; DF = 1; Sampling Period: 2004 - 2009)	LOD: 0.6 ng/mL LOQ: Not Reported	1.49 ng/mL	636 ng/mL	62.3 ng/mL (GM)	25th: 29.1 ng/mL; 50th: 68.7 ng/mL; 75th: 123 ng/mL;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MECPP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 7-year-old children with African-American or Dominican maternal descent - MECPP (n = 156; DF = 1; Sampling Period: 2005 - 2009)	LOD: 0.6 ng/mL LOQ: Not Reported	NR	NR	70.1 ng/mL (GM)	25th: 37.7 ng/mL; 50th: 65 ng/mL; 75th: 119 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEOHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine measures of third trimester pregnant adult African American or Dominican women who were/are at least 1-year residents of northern Manhattan or South Bronx - MEOHP (n = 209; DF = 1; Sampling Period: 1999 - 2006)	LOD: 0.7 ng/mL LOQ: Not Reported	0.7 ng/mL	795 ng/mL	17.6 ng/mL (GM)	25th: 8.2 ng/mL; 50th: 17.9 ng/mL; 75th: 37.5 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEOHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 3-year-old children with African-American or Dominican maternal descent - MEOHP (n = 166; DF = 0.99; Sampling Period: 2002 - 2008)	LOD: 0.7 ng/mL LOQ: Not Reported	<LOD	345 ng/mL	19.3 ng/mL (GM)	25th: 8.9 ng/mL; 50th: 20.45 ng/mL; 75th: 47.7 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEOHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 5-year-old children with African-American or Dominican maternal descent - MEOHP (n = 199; DF = 0.99; Sampling Period: 2004 - 2009)	LOD: 0. ng/mL LOQ: Not Reported	<LOD	512 ng/mL	21.7 ng/mL (GM)	25th: 9.9 ng/mL; 50th: 22.9 ng/mL; 75th: 48.5 ng/mL;	NR
Balalian et al. 2019 <b>HERO ID: 5039985</b> ‡ OQD: Medium MEOHP	Northern Manhattan, New York City; South Bronx, New York City, US Scenario: Urine from 7-year-old children with African-American or Dominican maternal descent - MEOHP (n = 156; DF = 1; Sampling Period: 2005 - 2009)	LOD: 0.7 ng/mL LOQ: Not Reported	NR	NR	27.5 ng/mL (GM)	25th: 12 ng/mL; 50th: 28.8 ng/mL; 75th: 51.7 ng/mL;	NR
Shaffer et al. 2019 <b>HERO ID: 5043458</b> ‡ OQD: Medium MEHP	CA; MN; NY; WA, US Scenario: Urine from first trimester pregnancy, <13 weeks - MEHP (n = 668; DF = 0.70; Sampling Period: 2010 - 2012)	LOD: 0.2-2.0 ng/mL LOQ: Not Reported	NR	NR	2.5 µg/L (GM)	NR	2.5 µg/L (GSD)
Shaffer et al. 2019 <b>HERO ID: 5043458</b> ‡ OQD: Medium MEHHP	CA; MN; NY; WA, US Scenario: Urine from first trimester pregnancy, <13 weeks - MEHHP (n = 668; DF = 1.0; Sampling Period: 2010 - 2012)	LOD: 0.2-2.0 ng/mL LOQ: Not Reported	NR	NR	7.9 µg/L (GM)	NR	2.6 µg/L (GSD)
Shaffer et al. 2019 <b>HERO ID: 5043458</b> ‡ OQD: Medium MEOHP	CA; MN; NY; WA, US Scenario: Urine from first trimester pregnancy, <13 weeks - MEOHP (n = 668; DF = 0.99; Sampling Period: 2010 - 2012)	LOD: 0.2-2.0 ng/mL LOQ: Not Reported	NR	NR	5.5 µg/L (GM)	NR	2.5 µg/L (GSD)
Shaffer et al. 2019 <b>HERO ID: 5043458</b> ‡ OQD: Medium MECPP	CA; MN; NY; WA, US Scenario: Urine from first trimester pregnancy, <13 weeks - MECPP (n = 668; DF = 1.0; Sampling Period: 2010 - 2012)	LOD: 0.2-2.0 ng/mL LOQ: Not Reported	NR	NR	10.6 µg/L (GM)	NR	2.4 µg/L (GSD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Shaffer et al. 2019 <b>HERO ID: 5043458</b> ‡ OQD: Medium MEHP	CA; MN; NY; WA, US Scenario: Urine from third trimester pregnancy - MEHP (n = 679; DF = 0.76; Sampling Period: 2010 - 2012)	LOD: 0.2-2.0 ng/mL LOQ: Not Reported	NR	NR	2.1 μg/L (GM)	NR	2.4 μg/L (GSD)
Shaffer et al. 2019 <b>HERO ID: 5043458</b> ‡ OQD: Medium MEHHP	CA; MN; NY; WA, US Scenario: Urine from third trimester pregnancy - MEHHP (n = 679; DF = 0.99; Sampling Period: 2010 - 2012)	LOD: 0.2-2.0 ng/mL LOQ: Not Reported	NR	NR	6.7 μg/L (GM)	NR	2.5 μg/L (GSD)
Shaffer et al. 2019 <b>HERO ID: 5043458</b> ‡ OQD: Medium MEOHP	CA; MN; NY; WA, US Scenario: Urine from third trimester pregnancy - MEOHP (n = 679; DF = 1.0; Sampling Period: 2010 - 2012)	LOD: 0.2-2.0 ng/mL LOQ: Not Reported	NR	NR	5.3 μg/L (GM)	NR	2.5 μg/L (GSD)
Shaffer et al. 2019 <b>HERO ID: 5043458</b> ‡ OQD: Medium MECPP	CA; MN; NY; WA, US Scenario: Urine from third trimester pregnancy - MECPP (n = 679; DF = 1.0; Sampling Period: 2010 - 2012)	LOD: 0.2-2.0 ng/mL LOQ: Not Reported	NR	NR	12.2 μg/L (GM)	NR	2.3 μg/L (GSD)
Shin et al. 2019 <b>HERO ID: 5043463</b> ‡ OQD: Medium MEHP	State of California, US Scenario: Urine from pregnant women who previously delivered a child with ASD in California - MEHP (n = 178; DF = 0.82; Sampling Period: Jan., 2007 - Feb., 2014)	LOD: 0.8 μg/L LOQ: Not Reported	NR	2833.8 μg/L	2.7 μg/L (GM)	5th: <LOD; 25th: 1.2 μg/L; 50th: 2.5 μg/L; 75th: 5.4 μg/L; 95th: 23.1 μg/L;	NR
Shin et al. 2019 <b>HERO ID: 5043463</b> ‡ OQD: Medium MEHHP	State of California, US Scenario: Urine from pregnant women who previously delivered a child with ASD in California - MEHHP (n = 178; DF = 1; Sampling Period: Jan., 2007 - Feb., 2014)	LOD: 0.4 μg/L LOQ: Not Reported	NR	6803.1 μg/L	13.0 μg/L (GM)	5th: 2.5 μg/L; 25th: 6.5 μg/L; 50th: 11.2 μg/L; 75th: 22.7 μg/L; 95th: 98.4 μg/L;	NR
Shin et al. 2019 <b>HERO ID: 5043463</b> ‡ OQD: Medium MEOHP	State of California, US Scenario: Urine from pregnant women who previously delivered a child with ASD in California - MEOHP (n = 178; DF = 1; Sampling Period: Jan., 2007 - Feb., 2014)	LOD: 0.2 μg/L LOQ: Not Reported	NR	3646.2 μg/L	10.0 μg/L (GM)	5th: 2.0 μg/L; 25th: 5.1 μg/L; 50th: 9.1 μg/L; 75th: 17.2 μg/L; 95th: 71.2 μg/L;	NR
Shin et al. 2019 <b>HERO ID: 5043463</b> ‡ OQD: Medium MECPP	State of California, US Scenario: Urine from pregnant women who previously delivered a child with ASD in California - MECPP (n = 178; DF = 1; Sampling Period: Jan., 2007 - Feb., 2014)	LOD: 0.4 μg/L LOQ: Not Reported	NR	8852.3 μg/L	21.8 μg/L (GM)	5th: 4.8 μg/L; 25th: 10.5 μg/L; 50th: 18.1 μg/L; 75th: 37.1 μg/L; 95th: 156.9 μg/L;	NR
van't Erve et al. 2019 <b>HERO ID: 5043603</b> ‡ OQD: Medium MECPP	University of California, San Francisco; University of Rochester Medical Center; University of Minnesota; and University of Washington/Seattle Children's Hospital, US Scenario: Urine samples from pregnant women - MECPP (n = 756; DF = 1; Sampling Period: Jan., 2010 - Dec., 2012)	LOD: 0.4 ng/mL LOQ: Not Reported	NR	NR	12.0 ng/mL (GM)	25th: 7.4 ng/mL; 50th: 11.4 ng/mL; 75th: 17.7 ng/mL; 95th: 51.3 ng/mL;	2.2 ng/mL (GSD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
van't Erve et al. 2019 <b>HERO ID:</b> 5043603 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	University of California, San Francisco; University of Rochester Medical Center; University of Minnesota; and University of Washington/Seattle Children's Hospital, US Scenario: Urine samples from pregnant women - MEHHP (n = 756; DF = 0.999; Sampling Period: Jan., 2010 - Dec., 2012)	LOD: 0.4 ng/mL LOQ: Not Reported	NR	NR	6.7 ng/mL (GM)	25th: 4.0 ng/mL; 50th: 6.89 ng/mL; 75th: 10.9 ng/mL; 95th: 31.0 ng/mL;	2.5 ng/mL (GSD)
van't Erve et al. 2019 <b>HERO ID:</b> 5043603 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	University of California, San Francisco; University of Rochester Medical Center; University of Minnesota; and University of Washington/Seattle Children's Hospital, US Scenario: Urine samples from pregnant women - MEOHP (n = 756; DF = 0.999; Sampling Period: Jan., 2010 - Dec., 2012)	LOD: 0.2 ng/mL LOQ: Not Reported	NR	NR	5.2 ng/mL (GM)	25th: 3.0 ng/mL; 50th: 5.42 ng/mL; 75th: 8.63 ng/mL; 95th: 22.4 ng/mL;	2.5 ng/mL (GSD)
van't Erve et al. 2019 <b>HERO ID:</b> 5043603 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	University of California, San Francisco; University of Rochester Medical Center; University of Minnesota; and University of Washington/Seattle Children's Hospital, US Scenario: Urine samples from pregnant women - MEHP (n = 756; DF = 0.829; Sampling Period: Jan., 2010 - Dec., 2012)	LOD: 0.8 ng/mL LOQ: Not Reported	NR	NR	1.9 ng/mL (GM)	25th: 1.1 ng/mL; 50th: 1.91 ng/mL; 75th: 3.28 ng/mL; 95th: 9.3 ng/mL;	2.7 ng/mL (GSD)
Hammel et al. 2019 <b>HERO ID:</b> 5532853 <sup>‡</sup> <i>OQD:</i> High <i>MEHP</i>	Durham, North Carolina, US Scenario: Urine from 3-6 year old children - MEHP (n = 180; DF = 0.72; Sampling Period: Sept., 2014 - Apr., 2016)	LOD: 0.80 ng/mL LOQ: Not Reported	ND ng/mL	NR	NR	50th: 1.9 ng/mL; 95th: 11 ng/mL;	NR
Hammel et al. 2019 <b>HERO ID:</b> 5532853 <sup>‡</sup> <i>OQD:</i> High <i>MEOHP</i>	Durham, North Carolina, US Scenario: Urine from 3-6 year old children - MEOHP (n = 180; DF = 1; Sampling Period: Sept., 2014 - Apr., 2016)	LOD: 0.20 ng/mL LOQ: Not Reported	1.9 ng/mL	NR	NR	50th: 13 ng/mL; 95th: 48 ng/mL;	NR
Hammel et al. 2019 <b>HERO ID:</b> 5532853 <sup>‡</sup> <i>OQD:</i> High <i>MEHHP</i>	Durham, North Carolina, US Scenario: Urine from 3-6 year old children - MEHHP (n = 180; DF = 1; Sampling Period: Sept., 2014 - Apr., 2016)	LOD: 0.40 ng/mL LOQ: Not Reported	1.9 ng/mL	NR	NR	50th: 20 ng/mL; 95th: 80 ng/mL;	NR
Hammel et al. 2019 <b>HERO ID:</b> 5532853 <sup>‡</sup> <i>OQD:</i> High <i>MECPP</i>	Durham, North Carolina, US Scenario: Urine from 3-6 year old children - MECPP (n = 180; DF = 1; Sampling Period: Sept., 2014 - Apr., 2016)	LOD: 0.40 ng/mL LOQ: Not Reported	8.8 ng/mL	NR	NR	50th: 31 ng/mL; 95th: 121 ng/mL;	NR
Hammel et al. 2019 <b>HERO ID:</b> 5532853 <i>OQD:</i> High	Durham, North Carolina, US Scenario: Hand wipe from 3-6 year old children (n = 202; DF = 0.99; Sampling Period: Sept., 2014 - Apr., 2016)	LOD: 99 ng/sample LOQ: Not Reported	NR	NR	NR	50th: 1842 ng/sample; 95th: 12105 ng/sample;	NR
Huang et al. 2014 <b>HERO ID:</b> 5755647 <i>OQD:</i> High	Chongqing, China, CN Scenario: Cord blood measures from pregnant women who delivered at Southwest Hospital in Chongqing (n = 207; DF = 1; Sampling Period: Oct., 2011 - Sept., 2012)	LOD: 0.06 µg/L LOQ: Not Reported	NR	NR	187.16 µg/L (AM)	5th: 3.12 µg/L; 25th: 9.18 µg/L; 50th: 19.70 µg/L; 75th: 78.46 µg/L; 95th: 841.16 µg/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Buckley et al. 2012 <b>HERO ID:</b> 5772514 ‡ <i>OQD:</i> Medium <i>MEHHP</i>	Multiple locations, US Scenario: Creatinine adjusted urine from women 22-24 weeks pregnant - MEHHP (n = 50; DF = 0.93; Sampling Period: Jun., 2002 - Sept., 2003)	LOD: 0.95 ng/mL LOQ: Not Reported	<LOD	215.8 µg/g	28.5 µg/g (AM)	50th: 18.7 µg/g;	36.4 µg/g (ASD)
Buckley et al. 2012 <b>HERO ID:</b> 5772514 ‡ <i>OQD:</i> Medium <i>MEHP</i>	Multiple locations, US Scenario: Creatinine adjusted urine from women 22-24 weeks pregnant - MEHP (n = 50; DF = 0.82; Sampling Period: Jun., 2002 - Sept., 2003)	LOD: 0.98 ng/mL LOQ: Not Reported	<LOD	94.5 µg/g	13.2 µg/g (AM)	50th: 5.3 µg/g;	18.6 µg/g (ASD)
Buckley et al. 2012 <b>HERO ID:</b> 5772514 ‡ <i>OQD:</i> Medium <i>MEOHP</i>	Multiple locations, US Scenario: Creatinine adjusted urine from women 22-24 weeks pregnant - MEOHP (n = 50; DF = 0.94; Sampling Period: Jun., 2002 - Sept., 2003)	LOD: 1.07 ng/mL LOQ: Not Reported	<LOD	111.3 µg/g	20.8 µg/g (AM)	50th: 14.0 µg/g;	21.9 µg/g (ASD)
Kim et al. 2020 <b>HERO ID:</b> 6815879 ‡ <i>OQD:</i> High <i>MEHHP</i>	Seoul metropolitan; Chungcheong, Honam; Yeongnam region, KR Scenario: Breastmilk samples from primipara mothers receiving lactation coaching - MEHHP (n = 221; DF = 0; Sampling Period: Jul., 2018 - Sept., 2018)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR
Kim et al. 2020 <b>HERO ID:</b> 6815879 ‡ <i>OQD:</i> High <i>MEOHP</i>	Seoul metropolitan; Chungcheong, Honam; Yeongnam region, KR Scenario: Breastmilk samples from primipara mothers receiving lactation coaching - MEOHP (n = 221; DF = 0; Sampling Period: Jul., 2018 - Sept., 2018)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR
Kim et al. 2020 <b>HERO ID:</b> 6815879 ‡ <i>OQD:</i> High <i>MECPP</i>	Seoul metropolitan; Chungcheong, Honam; Yeongnam region, KR Scenario: Breastmilk samples from primipara mothers receiving lactation coaching - MECPP (n = 221; DF = 0; Sampling Period: Jul., 2018 - Sept., 2018)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR
Kim et al. 2020 <b>HERO ID:</b> 6815879 ‡ <i>OQD:</i> High <i>MEHP</i>	Seoul metropolitan; Chungcheong, Honam; Yeongnam region, KR Scenario: Breastmilk samples from primipara mothers receiving lactation coaching - MEHP (n = 184; DF = 0.83; Sampling Period: Jul., 2018 - Sept., 2018)	LOD: 0.14 µg/L LOQ: Not Reported	NR	NR	1.44 µg/L (GM)	5th: <LOD; 25th: <0.35 µg/L; 50th: 1.72 µg/L; 75th: 4.88 µg/L; 95th: 24.38 µg/L;	6.00 µg/L (GSD)
Becker et al. 2009 <b>HERO ID:</b> 551773 ‡ <i>OQD:</i> High <i>MEHP,5OH-MEHP,5oxo-MEHP,5cx-MEPP,2cx-MMHP</i>	DE Scenario: Phthalate metabolites in urine of German children aged 3 to 14 years (n = 599; DF = 0.998; Sampling Period: May, 2003 - May, 2006)	LOD: Not Reported LOQ: 0.25 µg/L	NR	1080 µg/L	20.8 µg/L (GM)	50th: 20.4 µg/L; 90th: 51.7 µg/L; 95th: 76.7 µg/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Becker et al. 2009 <b>HERO ID:</b> 551773 ‡ <i>OQD:</i> High <i>MEHP,5OH-MEHP,5oxo-MEHP,5cx-MEPP,2cx-MMHP</i>	DE Scenario: Phthalate metabolites in urine of German children aged 3 to 5 years (n = 137; DF = NR; Sampling Period: May, 2003 - May, 2006)	LOD: Not Reported LOQ: 0.25 µg/L	NR	190 µg/L	22.3 µg/L (GM)	50th: 22.8 µg/L; 90th: 54.8 µg/L; 95th: 79.0 µg/L;	NR
Becker et al. 2009 <b>HERO ID:</b> 551773 ‡ <i>OQD:</i> High <i>MEHP,5OH-MEHP,5cx-MEPP,5oxo-MEHP,2cx-MMHP</i>	DE Scenario: Phthalate metabolites in urine of German children aged 6 to 8 years (n = 145; DF = NR; Sampling Period: May, 2003 - May, 2006)	LOD: Not Reported LOQ: 0.25 µg/L	NR	1080 µg/L	23.3 µg/L (GM)	50th: 22.6 µg/L; 90th: 63.2 µg/L; 95th: 90.6 µg/L;	NR
Becker et al. 2009 <b>HERO ID:</b> 551773 ‡ <i>OQD:</i> High <i>MEHP,5OH-MEHP,5oxo-MEHP,5cx-MEPP,2cx-MMHP</i>	DE Scenario: Phthalate metabolites in urine of German children aged 9 to 11 years (n = 149; DF = NR; Sampling Period: May, 2003 - May, 2006)	LOD: Not Reported LOQ: 0.25 µg/L	NR	206 µg/L	20.4 µg/L (GM)	50th: 20.3 µg/L; 90th: 47.6 µg/L; 95th: 70.8 µg/L;	NR
Becker et al. 2009 <b>HERO ID:</b> 551773 ‡ <i>OQD:</i> High <i>MEHP,5OH-MEHP,5oxo-MEHP,5cx-MEPP,2cx-MMHP</i>	DE Scenario: Phthalate metabolites in urine of German children aged 12 to 14 years (n = 168; DF = NR; Sampling Period: May, 2003 - May, 2006)	LOD: Not Reported LOQ: 0.25 µg/L	NR	376 µg/L	18.2 µg/L (GM)	50th: 17.7 µg/L; 90th: 46.2 µg/L; 95th: 78.6 µg/L;	NR
Hogberg et al. 2008 <b>HERO ID:</b> 673465 ‡ <i>OQD:</i> High <i>mEHP</i>	Lund, SE Scenario: Breast milk samples when babies were 14-20 days of age (n = 42; DF = 0.93; Sampling Period: 2007)	LOD: 0.90 ng/mL LOQ: Not Reported	<LOD	6.5 ng/mL	1.3 ng/mL (AM)	50th: <LOD; 75th: 1.7 ng/mL;	1.3 ng/mL (ASD)
Hogberg et al. 2008 <b>HERO ID:</b> 673465 <i>OQD:</i> High	Lund, SE Scenario: Blood samples from mothers 1 week after milk sampling (n = 36; DF = 0.47; Sampling Period: 2007)	LOD: 1.0 ng/mL LOQ: Not Reported	<LOD	129 ng/mL	5.9 ng/mL (AM)	50th: <LOD; 75th: 2.7 ng/mL;	21 ng/mL (ASD)
Hogberg et al. 2008 <b>HERO ID:</b> 673465 ‡ <i>OQD:</i> High <i>mEHHP,mEOHP,mEHP</i>	Lund, SE Scenario: Urine samples from mothers 1 week after milk sampling (n = 38; DF = 1.0; Sampling Period: 2007)	LOD: 0.95 ng/mL LOQ: Not Reported	3.0 µg/g	57 µg/g	18 µg/g (AM)	50th: 15 µg/g; 75th: 24 µg/g;	13 µg/g (ASD)
Hong et al. 2009 <b>HERO ID:</b> 673466 ‡ <i>OQD:</i> Medium <i>MEHHP,MEOHP</i>	Seoul, KR Scenario: Urine samples from Adults in Seoul, Korea (n = 513; DF = 0.994; Sampling Period: Apr., 2005 - Dec., 2005)	LOD: 0.71 ng/mL LOQ: Not Reported	NR	NR	25.06 ng/mL (AM)	10th: 3.16 ng/mL; 25th: 9.1 ng/mL; 50th: 17.67 ng/mL; 75th: 31.55 ng/mL; 90th: 50.68 ng/mL;	33.73 ng/mL (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Huang et al. 2009 <b>HERO ID:</b> 673468 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Tainan, Taiwan, TW Scenario: 1st trimester maternal urinary samples from women carrying female fetuses prior to amniocentesis (n = 31; DF = 0.98; Sampling Period: 2005 - 2006)	LOD: 0.9 ng/mL LOQ: Not Reported	<LOD	1140.0 ng/mL	NR	10th: 11.8 ng/mL; 50th: 24.6 ng/mL; 90th: 68.6 ng/mL;	NR
Huang et al. 2009 <b>HERO ID:</b> 673468 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Tainan, Taiwan, TW Scenario: 1st trimester amniotic fluid samples of male fetuses from women prior to amniocentesis (n = 33; DF = >0.9; Sampling Period: 2005 - 2006)	LOD: 0.9 ng/mL LOQ: Not Reported	<LOD	110.0 ng/mL	NR	10th: 2.6 ng/mL; 50th: 22.1 ng/mL; 90th: 100.6 ng/mL;	NR
Huang et al. 2009 <b>HERO ID:</b> 673468 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Tainan, Taiwan, TW Scenario: 1st trimester maternal urinary samples from women carrying male fetuses prior to amniocentesis (n = 33; DF = 1; Sampling Period: 2005 - 2006)	LOD: 0.9 ng/mL LOQ: Not Reported	6.0 ng/mL	151.0 ng/mL	NR	10th: 11.9 ng/mL; 50th: 26.3 ng/mL; 90th: 120.3 ng/mL;	NR
Huang et al. 2009 <b>HERO ID:</b> 673468 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP</i>	Tainan, Taiwan, TW Scenario: 1st trimester amniotic fluid samples of female fetuses from women prior to amniocentesis (n = 31; DF = >0.9; Sampling Period: 2005 - 2006)	LOD: 0.9 ng/mL LOQ: Not Reported	<LOD	148.0 ng/mL	NR	10th: 5.0 ng/mL; 50th: 24.0 ng/mL; 90th: 91.1 ng/mL;	NR
Lomenick et al. 2010 <b>HERO ID:</b> 673478 <sup>‡</sup> <i>OQD:</i> Medium <i>MEP, MEOHP, MEHP, MEHHP, MECPP</i>	US Scenario: Urine from subjects with CPP (n = 28; DF = NR; Sampling Period: 2005 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	74.3 ng/mL (AM)	NR	15.9 ng/mL (SE)
Lomenick et al. 2010 <b>HERO ID:</b> 673478 <sup>‡</sup> <i>OQD:</i> Medium <i>MEP, MEOHP, MEHP, MEHHP, MECPP</i>	US Scenario: Urine from subjects without CPP (n = 28; DF = NR; Sampling Period: 2005 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	79.1 ng/mL (AM)	NR	12.0 ng/mL (SE)
Fromme et al. 2007 <b>HERO ID:</b> 679517 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP, 5OH-MEHP, 5oxo-MEHP, 5cx-MEPP, 2cx-MMHP</i>	Munich, DE Scenario: Phthalate metabolites in urine (ug/l) of female adults near Munich, Germany (n = 399; DF = .95; Sampling Period: Apr., 2005 - Oct., 2005)	LOD: 0.25 µg/L LOQ: 0.5 µg/L	1.6 µg/L	28.8 µg/L	10.2 µg/L (AM)	10th: 2.9 µg/L; 50th: 9.1 µg/L; 90th: 18.9 µg/L; 95th: 28.7 µg/L;	NR
Fromme et al. 2007 <b>HERO ID:</b> 679517 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP, 5OH-MEHP, 5oxo-MEHP, 5cx-MEPP, 2cx-MMHP</i>	Munich, DE Scenario: Phthalate metabolites in urine (ug/l) of male adults near Munich, Germany (n = 399; DF = .95; Sampling Period: Apr., 2005 - Oct., 2005)	LOD: 0.25 µg/L LOQ: 0.5 µg/L	3.8 µg/L	23.6 µg/L	10.3 µg/L (AM)	10th: 4.9 µg/L; 50th: 10.2 µg/L; 90th: 18.7 µg/L; 95th: 19.0 µg/L;	NR
Fromme et al. 2007 <b>HERO ID:</b> 679517 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP, 5oxo-MEHP, 5cx-MEPP, 5OH-MEHP, 2cx-MMHP</i>	Munich, DE Scenario: Phthalate metabolites in urine (ug/g creatinine) of female adults near Munich, Germany (n = 399; DF = .95; Sampling Period: Apr., 2005 - Oct., 2005)	LOD: 0.25 µg/L LOQ: 0.5 µg/L	4.5 µg/g	31.6 µg/g	9.9 µg/g (AM)	10th: 4.8 µg/g; 50th: 8.8 µg/g; 90th: 16.4 µg/g; 95th: 22.1 µg/g;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Fromme et al. 2007 <b>HERO ID:</b> 679517 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,5OH-MEHP,5oxo-MEHP,5cx-MEPP,2cx-MMHP</i>	Munich, DE Scenario: Phthalate metabolites in urine (ug/g creatinine) of male adults near Munich, Germany (n = 399; DF = .95; Sampling Period: Apr., 2005 - Oct., 2005)	LOD: 0.25 μg/L LOQ: 0.5 μg/L	3.2 μg/g	12.3 μg/g	7.6 μg/g (AM)	10th: 4.9 μg/g; 50th: 7.9 μg/g; 90th: 10.3 μg/g; 95th: 11.3 μg/g;	NR
Preau et al. 2010 <b>HERO ID:</b> 697298 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Atlanta, Georgia, US Scenario: Urinary concentration first morning void in eight adults in ATL (n = 56; DF = NR; Sampling Period: Oct., 2005 - Nov., 2005)	LOD: 0.32 μg/L LOQ: Not Reported	NR	NR	33.6 μg/g (GM)	25th: 18.4 μg/g; 50th: 28.05 μg/g; 75th: 55.4 μg/g;	NR
Preau et al. 2010 <b>HERO ID:</b> 697298 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Atlanta, Georgia, US Scenario: Urinary concentration reconstructed 24-hr collection in eight adults in ATL (n = 56; DF = NR; Sampling Period: Oct., 2005 - Nov., 2005)	LOD: 0.32 μg/L LOQ: Not Reported	NR	NR	55.9 μg/g (GM)	25th: 21.8 μg/g; 50th: 44.7 μg/g; 75th: 163 μg/g;	NR
Preau et al. 2010 <b>HERO ID:</b> 697298 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP</i>	Atlanta, Georgia, US Scenario: Urinary concentration spot samples in eight adults in ATL (n = 427; DF = NR; Sampling Period: Oct., 2005 - Nov., 2005)	LOD: 0.32 μg/L LOQ: Not Reported	NR	NR	37.6 μg/g (GM)	25th: 15.5 μg/g; 50th: 29.8 μg/g; 75th: 76.2 μg/g;	NR
Park et al. 2010 <b>HERO ID:</b> 697306 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MEOHP</i>	Seoul, KR Scenario: Urine samples from adult male dental technicians at end of work shift (n = 25; DF = 1; Sampling Period: 2010)	LOD: 0.8 ng/mL LOQ: 2.5 ng/mL	7.59 μg/g	87.51 μg/g	3.40 μg/g (GM)	5th: 7.86 μg/g; 25th: 12.63 μg/g; 50th: 33.04 μg/g; 75th: 46.68 μg/g; 95th: 87.26 μg/g;	0.67 μg/g (GSD)
Park et al. 2010 <b>HERO ID:</b> 697306 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MEOHP</i>	Seoul, KR Scenario: Urine samples from adult male dental technicians morning before work shift (n = 25; DF = 1; Sampling Period: 2010)	LOD: 0.8 ng/mL LOQ: 2.5 ng/mL	6.14 μg/g	60.33 μg/g	2.65 μg/g (GM)	5th: 6.40 μg/g; 25th: 9.34 μg/g; 50th: 13.49 μg/g; 75th: 20.85 μg/g; 95th: 41.33 μg/g;	0.59 μg/g (GSD)
Suzuki et al. 2010 <b>HERO ID:</b> 697317 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MEOHP</i>	Tokyo, JP Scenario: Creatinine-uncorrected urinary concentrations of phthalate ester metabolites in Japanese pregnant women (n = 149; DF = 0.99; Sampling Period: 2005 - 2008)	LOD: 0.024 ng/mL LOQ: Not Reported	0.686 ng/mL	132 ng/mL	8.6 ng/mL (GM)	25th: 5.11 ng/mL; 50th: 9.2 ng/mL; 75th: 15.8 ng/mL;	NR
Suzuki et al. 2010 <b>HERO ID:</b> 697317 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MEOHP</i>	Tokyo, JP Scenario: Creatinine-corrected urinary concentrations of phthalate ester metabolites in Japanese pregnant women (n = 149; DF = 0.99; Sampling Period: 2005 - 2008)	LOD: 0.024 ng/mL LOQ: Not Reported	1.34 ng/mL	174 ng/mL	11.3 ng/mL (GM)	25th: 7.43 ng/mL; 50th: 11.0 ng/mL; 75th: 17.2 ng/mL;	NR
Peck et al. 2010 <b>HERO ID:</b> 697726 <sup>‡</sup> <i>OQD:</i> High <i>MEHP,MECPP,MEHHP,MEOHP</i>	Green Bay, Wisconsin, US Scenario: Urinary concentrations from Hmong couples in Green Bay, Wisconsin (n = 45; DF = 0.81; Sampling Period: Sept., 1999 - Nov., 2005)	LOD: 0.9 μg/L LOQ: Not Reported	3.1 μg/g	103.9 μg/g	13.0 μg/g (GM)	25th: 7.6 μg/g; 50th: 13.4 μg/g; 75th: 25.3 μg/g; 95th: 83.1 μg/g;	2.1 μg/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Guo et al. 2011 <b>HERO ID:</b> 787935 <sup>‡</sup> <i>OQD:</i> High <i>MEOHP,MEHHP,MECPP,MCMHP,MEHP</i>	Kuala Lumpur, MY Scenario: Urine samples from Malaysia (n = 29; DF = NR; Sampling Period: May, 2010 - Jul., 2010)	LOD: Not Reported LOQ: 0.1 ng/mL	NR	NR	8.5 ng/mL (AM); 4.7 ng/mL (GM)	10th: ND; 50th: 2.5 ng/mL; 90th: 25.2 ng/mL;	NR
Guo et al. 2011 <b>HERO ID:</b> 787935 <sup>‡</sup> <i>OQD:</i> High <i>MECPP,MEHHP,MEHP,MCMHP,MEOHP</i>	Guangzhou; Shanghai; Qiqihaer, CN Scenario: Urine samples from China (n = 40; DF = NR; Sampling Period: May, 2010 - Jul., 2010)	LOD: Not Reported LOQ: 0.1 ng/mL	NR	NR	13.7 ng/mL (AM); 5.2 ng/mL (GM)	10th: 1.0 ng/mL; 50th: 4.7 ng/mL; 90th: 46.5 ng/mL;	NR
Guo et al. 2011 <b>HERO ID:</b> 787935 <sup>‡</sup> <i>OQD:</i> High <i>MEOHP,MECPP,MCMHP,MEHHP,MEHP</i>	Ehime; Kumamoto, JP Scenario: Urine samples from Japan (n = 35; DF = NR; Sampling Period: May, 2010 - Jul., 2010)	LOD: Not Reported LOQ: 0.1 ng/mL	NR	NR	1.8 ng/mL (AM); 1.7 ng/mL (GM)	10th: ND; 50th: 1.3 ng/mL; 90th: 4.2 ng/mL;	NR
Guo et al. 2011 <b>HERO ID:</b> 787935 <sup>‡</sup> <i>OQD:</i> High <i>MEHHP,MECPP,MEHP,MCMHP,MEOHP</i>	Seoul; Busan; Yeosu, KR Scenario: Urine samples from Korea (n = 60; DF = NR; Sampling Period: 2006 - 2007)	LOD: Not Reported LOQ: 0.1 ng/mL	NR	NR	6.0 ng/mL (AM); 3.9 ng/mL (GM)	10th: 0.6 ng/mL; 50th: 4.9 ng/mL; 90th: 15.1 ng/mL;	NR
Guo et al. 2011 <b>HERO ID:</b> 787935 <sup>‡</sup> <i>OQD:</i> High <i>MECPP,MCMHP,MEHHP,MEOHP,MEHP</i>	Al-Asma; Al-Jahra governorates, KW Scenario: Urine samples from Kuwait (n = 46; DF = NR; Sampling Period: May, 2010 - Jul., 2010)	LOD: Not Reported LOQ: 0.1 ng/mL	NR	NR	7.3 ng/mL (AM); 4.6 ng/mL (GM)	10th: 0.7 ng/mL; 50th: 4.1 ng/mL; 90th: 15.3 ng/mL;	NR
Guo et al. 2011 <b>HERO ID:</b> 787935 <sup>‡</sup> <i>OQD:</i> High <i>MECPP,MEOHP,MCMHP,MEHHP,MEHP</i>	Mettupalayam, IN Scenario: Urine samples from India (n = 22; DF = NR; Sampling Period: May, 2010 - Jul., 2010)	LOD: Not Reported LOQ: 0.1 ng/mL	NR	NR	3.0 ng/mL (AM); 3.4 ng/mL (GM)	10th: ND; 50th: 1.6 ng/mL; 90th: 13.7 ng/mL;	NR
Guo et al. 2011 <b>HERO ID:</b> 787935 <sup>‡</sup> <i>OQD:</i> High <i>MEHP,MCMHP,MEHHP,MEOHP,MECPP</i>	Hanoi, VN Scenario: Urine samples from Vietnam (n = 30; DF = NR; Sampling Period: May, 2010 - Jul., 2010)	LOD: Not Reported LOQ: 0.5 ng/mL	NR	NR	21.9 ng/mL (AM); 18.8 ng/mL (GM)	10th: 9.2 ng/mL; 50th: 19.1 ng/mL; 90th: 37.1 ng/mL;	NR
Yolton et al. 2011 <b>HERO ID:</b> 788169 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP,MEHHP,MEOHP,MEHP</i>	Ohio, US Scenario: Urine from pregnant women at 16 weeks gestation (n = 346; DF = 1; Sampling Period: Mar., 2003 - Feb., 2006)	LOD: 0.3-1.2 ng/mL LOQ: Not Reported	95% CI, lower bound: 33.0 ng/mL ; 95% CI, upper bound: 43.7 ng/mL ; 95% CI, lower bound: 23.0 ng/mL ; 95% CI, upper bound: 31.3 ng/mL ; 95% CI, lower bound: 17.1 ng/mL ; 95% CI, upper bound: 23.2 ng/mL ; 95% CI, lower bound: 4.2 ng/mL ; 95% CI, upper bound: 5.7 ng/mL				
Yolton et al. 2011 <b>HERO ID:</b> 788169 <sup>‡</sup> <i>OQD:</i> Medium <i>MECPP,MEHHP,MEOHP,MEHP</i>	Ohio, US Scenario: Urine from pregnant women at 26 weeks gestation (n = 332; DF = 1; Sampling Period: Mar., 2003 - Feb., 2006)	LOD: 0.3-1.2 ng/mL LOQ: Not Reported	95% CI, lower bound: 26.1 ng/mL ; 95% CI, upper bound: 34.2 ng/mL ; 95% CI, lower bound: 17.6 ng/mL ; 95% CI, upper bound: 23.5 ng/mL ; 95% CI, lower bound: 14.3 ng/mL ; 95% CI, upper bound: 19.1 ng/mL ; 95% CI, lower bound: 3.7 ng/mL ; 95% CI, upper bound: 4.9 ng/mL				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Teitelbaum et al. 2012 <b>HERO ID:</b> 1249979 <sup>‡</sup> OQD: Medium MEHP	New York City, New York, US Scenario: Urine samples from girls within Growing Up Healthy cohort (n = 299; DF = 1, 0, 0; Sampling Period: 2004 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	50th: 5.7 Other;	NR
Carlstedt et al. 2013 <b>HERO ID:</b> 1315309 <sup>‡</sup> OQD: Medium MEHHP, MEOHP	Varmland, SE Scenario: Urine samples from 2 or 6 month old randomly selected infants (n = 83; DF = 1; Sampling Period: 2012)	LOD: Not Reported LOQ: Not Reported	Interquartile range: 4.0 ng/mol ; Interquartile range: 6.0 ng/mol				
Bevan et al. 2013 <b>HERO ID:</b> 1333831 <sup>‡</sup> OQD: Medium 5-MEHHP, 5-MEOHP	GB Scenario: Urine samples from UK volunteers (n = 436; DF = 0.99; Sampling Period: 2013)	LOD: 7 Other LOQ: Not Reported	Reference Value: 66.5 µg/g ; Reference Value: 25.8 Other ; Reference Value: 67.2 µg/L ; Reference Value: 230 Other ; Reference Value: 42.3 µg/g ; Reference Value: 15.9 Other ; Reference Value: 42.9 µg/L ; Reference Value: 146 Other				
Koch et al. 2013 <b>HERO ID:</b> 1464613 <sup>‡</sup> OQD: High DEHP/MEHP, DEHP/5OH-MEHP, DEHP/5oxo-MEHP, DEHP/5cx-MEPP	Bochum, DE Scenario: 0-<24 hr urine samples from 5 adults (n = 5; DF = 0.88; Sampling Period: Nov., 2009)	LOD: 0.25 µg/L LOQ: 0.5 µg/L	NR	NR	9.5 µg/g (AM)	50th: 8.8 µg/g; 95th: 15.9 µg/g;	4.0 µg/g (ASD)
Koch et al. 2013 <b>HERO ID:</b> 1464613 <sup>‡</sup> OQD: High DEHP/MEHP, DEHP/5OH-MEHP, DEHP/5oxo-MEHP, DEHP/5cx-MEPP	Bochum, DE Scenario: 24-<48 hr urine samples from 5 adults (n = 5; DF = 0.70; Sampling Period: Nov., 2009)	LOD: 0.25 µg/L LOQ: 0.5 µg/L	NR	NR	3.6 µg/g (AM)	50th: 3.2 µg/g; 95th: 5.6 µg/g;	1.0 µg/g (ASD)
Frederiksen et al. 2013 <b>HERO ID:</b> 1588874 <sup>‡</sup> OQD: Medium MEHHP, MEHP, MEOHP, MECPP	Gentofte and Viby Sj., DK Scenario: First morning urine void from mothers in Denmark (n = 145; DF = 1; Sampling Period: Sept., 2011 - Dec., 2011)	LOD: 0.91 ng/mL LOQ: Not Reported	1.3 ng/mL	356 ng/mL	15 ng/mL (GM)	5th: 2.5 ng/mL; 25th: 5.8 ng/mL; 50th: 8.2 ng/mL; 75th: 13 ng/mL; 95th: 30 ng/mL;	NR
Frederiksen et al. 2013 <b>HERO ID:</b> 1588874 <sup>‡</sup> OQD: Medium MEHHP, MEHP, MEOHP, MECPP	Gentofte and Viby Sj., DK Scenario: First morning urine void from children in Denmark (n = 143; DF = 1; Sampling Period: Sept., 2011 - Dec., 2011)	LOD: 0.91 ng/mL LOQ: Not Reported	2.1 ng/mL	550 ng/mL	23 ng/mL (GM)	5th: 4.9 ng/mL; 25th: 9.7 ng/mL; 50th: 15 ng/mL; 75th: 26 ng/mL; 95th: 54 ng/mL;	NR
Enke et al. 2013 <b>HERO ID:</b> 1588876 <sup>‡</sup> OQD: Medium MEHP, 5OH-MEHP, 5oxo-MEHP, 5cx-MEPP	Jena, DE Scenario: Urine from pregnant women close to birth; mother-child pairs (n = 9; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: 0.5 µg/L	0.8 µg/L	22.5 µg/L	NR	50th: 10.4 µg/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Enke et al. 2013 <b>HERO ID:</b> 1588876 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP,5OH-MEHP,5oxo-MEHP,5cx-MEPP</i>	Jena, DE Scenario: Urine from pregnant women (n = 47; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: 0.5 µg/L	0.87 µg/L	61.6 µg/L	NR	50th: 12.4 µg/L;	NR
Enke et al. 2013 <b>HERO ID:</b> 1588876 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP,5OH-MEHP,5oxo-MEHP,5cx-MEPP</i>	Jena, DE Scenario: Newborns first urine from mother-child pairs (n = 9; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: 0.5 µg/L	1.2 µg/L	62.1 µg/L	NR	50th: 11.9 µg/L;	NR
Enke et al. 2013 <b>HERO ID:</b> 1588876 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP,5OH-MEHP,5oxo-MEHP,5cx-MEPP</i>	Jena, DE Scenario: Newborns urine day 2 to 5 (n = 20; DF = NR; Sampling Period: 2008)	LOD: Not Reported LOQ: 0.5 µg/L	7.73 µg/L	479.8 µg/L	NR	50th: 27 µg/L;	NR
Sathyanarayana et al. 2013 <b>HERO ID:</b> 1597638 <sup>‡</sup> <i>OQD</i> : Medium <i>MCEPP,MEHP,MEHHP,MEOHP</i>	Seattle, WA, US Scenario: Urine sample during pre-intervention period in arm 1 (n = 21; DF = 1.00; Sampling Period: 2013)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	NR	17.8 µg/L (GM)	NR	NR
Sathyanarayana et al. 2013 <b>HERO ID:</b> 1597638 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP,MEHHP,MEOHP,MCEPP</i>	Seattle, WA, US Scenario: Urine sample during intervention period in arm 1 (n = 21; DF = 0.97; Sampling Period: 2013)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	NR	706.7 µg/L (GM)	NR	NR
Sathyanarayana et al. 2013 <b>HERO ID:</b> 1597638 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP,MEHHP,MEOHP,MCEPP</i>	Seattle, WA, US Scenario: Urine sample during post-intervention period in arm 1 (n = 21; DF = 0.97; Sampling Period: 2013)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	NR	19.9 µg/L (GM)	NR	NR
Sathyanarayana et al. 2013 <b>HERO ID:</b> 1597638 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP,MEHHP,MEOHP,MCEPP</i>	Seattle, WA, US Scenario: Urine sample during pre-intervention period in arm 2 (n = 19; DF = 0.98; Sampling Period: 2013)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	NR	24.4 µg/L (GM)	NR	NR
Sathyanarayana et al. 2013 <b>HERO ID:</b> 1597638 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP,MEHHP,MEOHP,MCEPP</i>	Seattle, WA, US Scenario: Urine sample during intervention period in arm 2 (n = 19; DF = 0.98; Sampling Period: 2013)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	NR	23.1 µg/L (GM)	NR	NR
Sathyanarayana et al. 2013 <b>HERO ID:</b> 1597638 <sup>‡</sup> <i>OQD</i> : Medium <i>MEHP,MEHHP,MEOHP,MCEPP</i>	Seattle, WA, US Scenario: Urine sample during post-intervention period in arm 2 (n = 19; DF = 0.98; Sampling Period: 2013)	LOD: 0.95 - 1.07 µg/L LOQ: Not Reported	NR	NR	27.9 µg/L (GM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Song et al. 2013 <b>HERO ID:</b> 1597649 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,5-OH-MEHP,5-oxo-MEHP</i>	KR Scenario: Urine from female adults in S. Korea (n = 157; DF = 0.975; Sampling Period: May, 2011 - Sept., 2011)	LOD: Not Reported LOQ: Not Reported	95% Confidence Interval: 44.5 µg/g ; 95% Confidence Interval: 133.9 µg/g ; 95% Confidence Interval: 99.2 µg/g				
Song et al. 2013 <b>HERO ID:</b> 1597649 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,5-oxo-MEHP,5-OH-MEHP</i>	KR Scenario: Urine from children in S. Korea (n = 392; DF = 0.987; Sampling Period: May, 2011 - Sept., 2011)	LOD: Not Reported LOQ: Not Reported	95% Confidence Interval: 76.6 µg/g ; 95% Confidence Interval: 326.8 µg/g ; 95% Confidence Interval: 314.9 µg/g				
Song et al. 2013 <b>HERO ID:</b> 1597649 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,5-OH-MEHP,5-oxo-MEHP</i>	KR Scenario: Urine from mothers in S. Korea (n = 265; DF = 0.974; Sampling Period: May, 2011 - Sept., 2011)	LOD: Not Reported LOQ: Not Reported	95% Confidence Interval: 43.5 µg/g ; 95% Confidence Interval: 109.5 µg/g ; 95% Confidence Interval: 114.9 µg/g				
Song et al. 2013 <b>HERO ID:</b> 1597649 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,5-OH-MEHP,5-oxo-MEHP</i>	KR Scenario: Urine from male adults in S. Korea (n = 140; DF = 0.986; Sampling Period: May, 2011 - Sept., 2011)	LOD: Not Reported LOQ: Not Reported	95% Confidence Interval: 24.4 µg/g ; 95% Confidence Interval: 54.9 µg/g ; 95% Confidence Interval: 45.0 µg/g				
Kim et al. 2014 <b>HERO ID:</b> 2215380 <sup>‡</sup> <i>OQD:</i> High <i>5-OH-MEHP,5-oxo-MEHP,MEHP</i>	Seoul, KR Scenario: Urine from South Korean Girls (n = 17; DF = 1; Sampling Period: Jul., 2011)	LOD: Not Reported LOQ: 1.2 µg/L	NR	NR	NR	25th: 10.0 µg/g; 50th: 13.3 µg/g; 75th: 17.4 µg/g;	NR
Kim et al. 2014 <b>HERO ID:</b> 2215380 <sup>‡</sup> <i>OQD:</i> High <i>MEHP,5-OH-MEHP,5-oxo-MEHP</i>	Seoul, KR Scenario: Urine from South Korean Boys (n = 22; DF = 1; Sampling Period: Jul., 2011)	LOD: Not Reported LOQ: 0.6 µg/L	NR	NR	NR	25th: 33.1 µg/g; 50th: 42.5 µg/g; 75th: 62.6 µg/g;	NR
Cantonwine et al. 2014 <b>HERO ID:</b> 2215404 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHP,MEHP,MEHP</i>	Northern Puerto Rico, PR Scenario: Urinary phthalates from pregnant women in Puerto Rico (n = 373; DF = 1; Sampling Period: 2010 - Nov., 2012)	LOD: Not Reported LOQ: Not Reported	95% Confidence Interval, Lower Limit: 9.7 ng/mL ; 95% Confidence Interval, Upper Limit: 11.8 ng/mL ; 95% Confidence Interval, Lower Limit: 8.1 ng/mL ; 95% Confidence Interval, Upper Limit: 9.9 ng/mL ; 95% Confidence Interval, Lower Limit: 18.0 ng/mL ; 95% Confidence Interval, Upper Limit: 21.3 ng/mL ; 95% Confidence Interval, Lower Limit: 3.0 ng/mL ; 95% Confidence Interval, Upper Limit: 3.7 ng/mL				
Fromme et al. 2013 <b>HERO ID:</b> 2215411 <sup>‡</sup> <i>OQD:</i> Medium <i>5oxo-MEHP (MEOHP)</i>	Bavaria, Berlin, and North Rhine-Westfalia, DE Scenario: Urine samples from German daycare centers (n = 663; DF = 1; Sampling Period: Nov., 2011 - May, 2012)	LOD: Not Reported LOQ: Not Reported	Sex difference p-value: 0.004 µg/L				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ferguson et al. 2014 <b>HERO ID:</b> 2345949 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MECPP,MEOHP</i>	Boston, MA, US Scenario: Urine samples of pregnant women at median 9.71 weeks of gestation (n = 479; DF = 0.99; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	20.1 μg/L (GM)	NR	3.62 μg/L (GSD)
Ferguson et al. 2014 <b>HERO ID:</b> 2345949 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MECPP,MEOHP</i>	Boston, MA, US Scenario: Urine samples of pregnant women at median 17.9 weeks of gestation (n = 422; DF = 0.99; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	18.2 μg/L (GM)	NR	3.05 μg/L (GSD)
Ferguson et al. 2014 <b>HERO ID:</b> 2345949 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MECPP,MEOHP</i>	Boston, MA, US Scenario: Urine samples of pregnant women at median 26.0 weeks of gestation (n = 412; DF = 0.99; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	15.8 μg/L (GM)	NR	3.38 μg/L (GSD)
Ferguson et al. 2014 <b>HERO ID:</b> 2345949 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEHHP,MECPP,MEOHP</i>	Boston, MA, US Scenario: Urine samples of pregnant women at median 35.1 weeks of gestation (n = 380; DF = 0.99; Sampling Period: 2006 - 2008)	LOD: Not Reported LOQ: Not Reported	NR	NR	20.1 μg/L (GM)	NR	3.27 μg/L (GSD)
Ackerman et al. 2014 <b>HERO ID:</b> 2346016 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHHP,MEOHP,MEHP</i>	San Francisco, California, US Scenario: Pre-dietary Intervention Urine samples from San Francisco area (n = 18; DF = 1; Sampling Period: Jan., 2010)	LOD: 1.0 ng/mL LOQ: Not Reported	NR	NR	NR	50th: 5.1 ng/mL;	NR
Geens et al. 2014 <b>HERO ID:</b> 2519090 <sup>‡</sup> <i>OQD:</i> Medium <i>MEOHP</i>	5 Flemish Provinces, BE Scenario: Flemish adolescents urine samples (n = 206; DF = 1; Sampling Period: May, 2008 - May, 2009)	LOD: Not Reported LOQ: 0.060 μg/L	2.70 μg/g	481.3 μg/g	22.16 μg/g (GM)	25th: 13.46 μg/g; 50th: 19.96 μg/g; 75th: 32.11 μg/g; 90th: 57.88 μg/g; 95th: 103.5 μg/g;	NR
Chen et al. 2015 <b>HERO ID:</b> 2816869 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEOHP,MEHHP,MECPP</i>	TW Scenario: Pre-Intervention Spot Urine (n = 30; DF = NR; Sampling Period: Summer, 2010)	LOD: 0.04 ng/mL LOQ: Not Reported	34.7 μg/g	320 μg/g	NR	50th: 83.0 μg/g;	NR
Chen et al. 2015 <b>HERO ID:</b> 2816869 <sup>‡</sup> <i>OQD:</i> Medium <i>MEHP,MEOHP,MEHHP,MECPP</i>	TW Scenario: Post-Intervention Spot Urine (n = 30; DF = NR; Sampling Period: Summer, 2010)	LOD: 0.04 ng/mL LOQ: Not Reported	30.1 μg/g	1433 μg/g	NR	50th: 67.7 μg/g;	NR
Dewalque et al. 2015 <b>HERO ID:</b> 3045602 <sup>‡</sup> <i>OQD:</i> Medium <i>5-oxo-MEHP,MEHP</i>	BE Scenario: Spot Urine Samples Collected Over 120 Days (n = 351; DF = 1.00; Sampling Period: Feb., 2013 - Jul., 2013)	LOD: Not Reported LOQ: Not Reported	<LOD	25.0 μg/g	1.7 μg/g (GM)	50th: 1.7 μg/g; 95th: 4.7 μg/g;	NR
Asimakopoulos et al. 2016 <b>HERO ID:</b> 3070934 <sup>‡</sup> <i>OQD:</i> High <i>mECPP,mCMHP,mEHHP,mEOHP,mEMP</i>	Jeddah, SA Scenario: Urine from healthy general population in Jeddah, Saudi Arabia (n = 100; DF = 1; Sampling Period: May, 2014 - Jun., 2014)	LOD: 0.02 ng/mL LOQ: 0.07 ng/mL	0 ng/mL	22.8 ng/mL	15.4 ng/mL (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Giovanoulis et al. 2016 <b>HERO ID: 3455194</b> ‡ OQD: Medium MEHP,5-OH-MEHP,5-oxo-MEHP	Oslo, NO Scenario: Urine samples from exposure to PSE's and DINCH (n = 61; DF = 0.2; Sampling Period: winter, 2013 - winter, 2014)	LOD: Not Reported LOQ: 4.2 µg/L	NR	NR	4.5 µg/g (GM)	25th: 2.8 µg/g; 50th: 5 µg/g; 95th: 22.1 µg/g;	NR
Giovanoulis et al. 2016 <b>HERO ID: 3455194</b> ‡ OQD: Medium MEHP,5-OH-MEHP,5-oxo-MEHP	Oslo, NO Scenario: Nail samples from exposure to PSE's and DINCH (n = 59; DF = 1; Sampling Period: winter, 2013 - winter, 2014)	LOD: Not Reported LOQ: 0.03 ng/g	NR	NR	0.21 ng/g (GM)	25th: <LOQm ng/g; 50th: 0.72 ng/g; 95th: 1.9 ng/g;	NR
Nassan et al. 2019 <b>HERO ID: 5041439</b> ‡ OQD: Medium MECPP	Boston, MA, US Scenario: Urine samples of women undergoing fertility treatment - MECPP (n = 840; DF = 0.99; Sampling Period: 2004 - 2017)	LOD: 0.40 µg/L LOQ: Not Reported	NR	NR	15.8 µg/L (GM)	25th: 5.20 µg/L; 75th: 40.0 µg/L;	NR
Nassan et al. 2019 <b>HERO ID: 5041439</b> ‡ OQD: Medium MEOHP	Boston, MA, US Scenario: Urine samples of women undergoing fertility treatment - MEOHP (n = 840; DF = 0.98; Sampling Period: 2004 - 2017)	LOD: 0.20–0.70 µg/L LOQ: Not Reported	NR	NR	5.87 µg/L (GM)	25th: 1.90 µg/L; 75th: 15.8 µg/L;	NR
Nassan et al. 2019 <b>HERO ID: 5041439</b> ‡ OQD: Medium MEHP	Boston, MA, US Scenario: Urine samples of women undergoing fertility treatment - MEHP (n = 840; DF = 0.65; Sampling Period: 2004 - 2017)	LOD: 0.50–1.20 µg/L LOQ: Not Reported	NR	NR	1.99 µg/L (GM)	25th: 0.60 µg/L; 75th: 4.60 µg/L;	NR
Nassan et al. 2019 <b>HERO ID: 5041439</b> ‡ OQD: Medium MHiBP	Boston, MA, US Scenario: Urine samples of women undergoing fertility treatment - MHiBP (n = 272; DF = 0.83; Sampling Period: 2004 - 2017)	LOD: 0.40 µg/L LOQ: Not Reported	NR	NR	2.01 µg/L (GM)	25th: 0.80 µg/L; 75th: 4.90 µg/L;	NR
Nassan et al. 2019 <b>HERO ID: 5041439</b> ‡ OQD: Medium MHiBP	Boston, MA, US Scenario: Urine samples of men undergoing fertility treatment - MHiBP (n = 272; DF = 0.89; Sampling Period: 2004 - 2017)	LOD: 0.40 µg/L LOQ: Not Reported	NR	NR	2.05 µg/L (GM)	25th: 0.90 µg/L; 75th: 4.35 µg/L;	NR
Nassan et al. 2019 <b>HERO ID: 5041439</b> ‡ OQD: Medium MEHP	Boston, MA, US Scenario: Urine samples of men undergoing fertility treatment - MEHP (n = 840; DF = 0.75; Sampling Period: 2004 - 2017)	LOD: 0.50–1.20 µg/L LOQ: Not Reported	NR	NR	2.72 µg/L (GM)	25th: 0.85 µg/L; 75th: 6.60 µg/L;	NR
Nassan et al. 2019 <b>HERO ID: 5041439</b> ‡ OQD: Medium MEOHP	Boston, MA, US Scenario: Urine samples of men undergoing fertility treatment - MEOHP (n = 840; DF = 0.97; Sampling Period: 2004 - 2017)	LOD: 0.20–0.70 µg/L LOQ: Not Reported	NR	NR	8.00 µg/L (GM)	25th: 2.70 µg/L; 75th: 20.9 µg/L;	NR
Nassan et al. 2019 <b>HERO ID: 5041439</b> ‡ OQD: Medium MECPP	Boston, MA, US Scenario: Urine samples of men undergoing fertility treatment - MECPP (n = 840; DF = 0.99; Sampling Period: 2004 - 2017)	LOD: 0.40 µg/L LOQ: Not Reported	NR	NR	22.0 µg/L (GM)	25th: 7.55 µg/L; 75th: 53.0 µg/L;	NR

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Table 7 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
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‡ Data extraction results are for metabolite concentrations.

Table 8: Data Extraction Tables of Exposure Monitoring Studies for Indoor Air

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Rudel et al. 2001 <b>HERO ID:</b> 198234 <i>OQD:</i> High	Massachusetts, US Scenario: Indoor air from residential and office areas - DEHP (n = 6; DF = 0.50; Sampling Period: 2001)	LOD: 1.0691 $\mu\text{g}$ LOQ: Not Reported	0.02 $\mu\text{g}/\text{m}^3$	0.114 $\mu\text{g}/\text{m}^3$	0.061 $\mu\text{g}/\text{m}^3$ (AM)	NR	NR
Rudel et al. 2001 <b>HERO ID:</b> 198234 <i>OQD:</i> High	Massachusetts, US Scenario: Indoor air from workplace areas - DEHP (n = 1; DF = 1.00; Sampling Period: 2001)	LOD: 1.0691 $\mu\text{g}$ LOQ: Not Reported	POINT VALUE(S): [11.5 $\mu\text{g}/\text{m}^3$ ]				
Bergh et al. 2011 <b>HERO ID:</b> 788335 <i>OQD:</i> Medium	Stockholm, SE Scenario: Indoor air in 10 homes (n = 10; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	92 $\text{ng}/\text{m}^3$	530 $\text{ng}/\text{m}^3$	208 $\text{ng}/\text{m}^3$ (AM)	50th: 200 $\text{ng}/\text{m}^3$ ;	NR
Bergh et al. 2011 <b>HERO ID:</b> 788335 <i>OQD:</i> Medium	Stockholm, SE Scenario: Indoor air in 10 day cares (n = 10; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	130 $\text{ng}/\text{m}^3$	480 $\text{ng}/\text{m}^3$	267 $\text{ng}/\text{m}^3$ (AM)	50th: 240 $\text{ng}/\text{m}^3$ ;	NR
Bergh et al. 2011 <b>HERO ID:</b> 788335 <i>OQD:</i> Medium	Stockholm, SE Scenario: Indoor air in 10 workplaces (n = 10; DF = NR; Sampling Period: 2010)	LOD: Not Reported LOQ: Not Reported	15 $\text{ng}/\text{m}^3$	320 $\text{ng}/\text{m}^3$	118 $\text{ng}/\text{m}^3$ (AM)	50th: 100 $\text{ng}/\text{m}^3$ ;	NR
Otake et al. 2004 <b>HERO ID:</b> 789515 <i>OQD:</i> Medium	Tokyo, JP Scenario: Indoor air from 27 houses (n = 27; DF = NR; Sampling Period: Apr., 2000 - Dec., 2000)	LOD: 2.5-5 pg LOQ: Not Reported	<LOD	3.13 $\mu\text{g}/\text{m}^3$	0.32 $\mu\text{g}/\text{m}^3$ (AM)	50th: 0.11 $\mu\text{g}/\text{m}^3$ ;	0.60 $\mu\text{g}/\text{m}^3$ (ASD)
Yoshida et al. 2006 <b>HERO ID:</b> 1949033 <i>OQD:</i> Medium	Osaka, JP Scenario: Indoor air in 101 cars (n = 101; DF = 1; Sampling Period: Mar., 2004 - Oct., 2004)	LOD: Not Reported LOQ: Not Reported	0.02 $\mu\text{g}/\text{m}^3$	2.0 $\mu\text{g}/\text{m}^3$	NR	50th: 0.12 $\mu\text{g}/\text{m}^3$ ;	NR
Lajoie et al. 2014 <b>HERO ID:</b> 2993355 <i>OQD:</i> Medium	Greater Quebec City Area, CA Scenario: Indoor air from Child's bedroom - Year 1 (n = 43; DF = NR; Sampling Period: Jun., 2010 - Nov., 2010)	LOD: Not Reported LOQ: Not Reported	Lower 95% CI: 1183.2 $\text{ng}/\text{m}^2$ ; Upper 95% CI: 1692.6 $\text{ng}/\text{m}^2$ ; Lower 95% CI: 1394.5 $\text{ng}/\text{m}^2$ ; Upper 95% CI: 2067.5 $\text{ng}/\text{m}^2$				
Lajoie et al. 2014 <b>HERO ID:</b> 2993355 <i>OQD:</i> Medium	Greater Quebec City Area, CA Scenario: Indoor air from Child's bedroom - Year 2 (n = 43; DF = NR; Sampling Period: Jun., 2010 - Nov., 2010)	LOD: Not Reported LOQ: Not Reported	Lower 95% CI: 1688.3 $\text{ng}/\text{m}^2$ ; Upper 95% CI: 2414.9 $\text{ng}/\text{m}^2$ ; Lower 95% CI: 1418.0 $\text{ng}/\text{m}^2$ ; Upper 95% CI: 2094.6 $\text{ng}/\text{m}^2$				
Azuma et al. 2017 <b>HERO ID:</b> 4165387 <i>OQD:</i> Medium	Tokyo, Osaka, and Fukuota, JP Scenario: Indoor air samples from office buildings in winter (n = 6; DF = NR; Sampling Period: Winter, 2018)	LOD: Not Reported LOQ: Not Reported	<LOD	3 $\mu\text{g}/\text{m}^3$	0.8 $\mu\text{g}/\text{m}^3$ (AM)	NR	NR
Azuma et al. 2017 <b>HERO ID:</b> 4165387 <i>OQD:</i> Medium	Tokyo, Osaka, and Fukuota, JP Scenario: Indoor air samples from office buildings in summer (n = 13; DF = 0; Sampling Period: Summer, 2018)	LOD: Not Reported LOQ: Not Reported	NR	NR	<LOD	NR	NR
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Brittany, western France, FR Scenario: DEHP concentration in reception hall - University Hospital of Rennes (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 $\text{ng}/\text{m}^3$ LOQ: 200.0 $\text{ng}/\text{m}^3$	POINT VALUE(S): [5 $\text{ng}/\text{m}^3$ ; 30 $\text{ng}/\text{m}^3$ ]				

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Table 8 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Brittany, western France, FR Scenario: DEHP concentration in a patient room - University Hospital of Rennes (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [20 ng/m <sup>3</sup> ; 10 ng/m <sup>3</sup> ]				
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Brittany, western France, FR Scenario: DEHP concentration in a nursing care room - University Hospital of Rennes (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [5 ng/m <sup>3</sup> ; 10 ng/m <sup>3</sup> ]				
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Brittany, western France, FR Scenario: DEHP concentration in a post-anesthesia care unit - University Hospital of Rennes (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [5 ng/m <sup>3</sup> ; 30 ng/m <sup>3</sup> ]				
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Brittany, western France, FR Scenario: DEHP concentration in a plaster cast room - University Hospital of Rennes (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [10 ng/m <sup>3</sup> ; 30 ng/m <sup>3</sup> ]				
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Lorraine, eastern France, FR Scenario: DEHP concentration in reception hall - University Hospital of Nancy (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [10 ng/m <sup>3</sup> ; 30 ng/m <sup>3</sup> ]				
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Lorraine, eastern France, FR Scenario: DEHP concentration in a patient room - University Hospital of Nancy (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [10 ng/m <sup>3</sup> ; 20 ng/m <sup>3</sup> ]				
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Lorraine, eastern France, FR Scenario: DEHP concentration in a nursing care room - University Hospital of Nancy (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [10 ng/m <sup>3</sup> ; 40 ng/m <sup>3</sup> ]				
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Lorraine, eastern France, FR Scenario: DEHP concentration in a post-anesthesia care unit - University Hospital of Nancy (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [10 ng/m <sup>3</sup> ; 30 ng/m <sup>3</sup> ]				
Baurès et al. 2018 <b>HERO ID:</b> 4729972 <i>OQD:</i> High	Lorraine, eastern France, FR Scenario: DEHP concentration in a plaster cast room - University Hospital of Nancy (n = 4; DF = NR; Sampling Period: Jun., 2014 - Feb., 2015)	LOD: 40 ng/m <sup>3</sup> LOQ: 200.0 ng/m <sup>3</sup>	POINT VALUE(S): [30 ng/m <sup>3</sup> ; 50 ng/m <sup>3</sup> ]				
Kanazawa et al. 2010 <b>HERO ID:</b> 697390 <i>OQD:</i> Medium	Sapporo, JP Scenario: Living room air from residential detached houses (n = 40; DF = 1; Sampling Period: Oct., 2006 - Jan., 2006)	LOD: 11.6 ng/m <sup>3</sup> LOQ: Not Reported	11.8 ng/m <sup>3</sup>	1660.0 ng/m <sup>3</sup>	NR	50th: 147.0 ng/m <sup>3</sup> ;	NR

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Table 8 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Bergh et al. 2011 <b>HERO ID:</b> 1249459 <i>OQD:</i> Medium	Stockholm, SE Scenario: Indoor air from 169 apartments (n = 169; DF = NR; Sampling Period: winter, 2006 - winter, 2007)	LOD: 8.1 ng/m <sup>3</sup> LOQ: Not Reported	42.0 ng/m <sup>3</sup>	890.0 ng/m <sup>3</sup>	230.0 ng/m <sup>3</sup> (AM)	50th: 220.0 ng/m <sup>3</sup> ;	NR
Blanchard et al. 2013 <b>HERO ID:</b> 1315297 <i>OQD:</i> High	Paris, FR Scenario: Office air (n = 6; DF = NR; Sampling Period: Jun., 2008 - Oct., 2008)	LOD: Not Reported LOQ: 20 pg/m <sup>3</sup>	NR	NR	14.103 ng/m <sup>3</sup> (AM)	NR	6.705 ng/m <sup>3</sup> (ASD)
Otake et al. 2001 <b>HERO ID:</b> 1598712 <i>OQD:</i> Medium	Tokyo, JP Scenario: Indoor air from 6 contemporary Japanese houses (n = 6; DF = 1; Sampling Period: Apr., 2000 - May, 2000)	LOD: 10.0 pg LOQ: 0.17 µg	POINT VALUE(S): [0.05 µg/m <sup>3</sup> ; 0.04 µg/m <sup>3</sup> ; 0.23 µg/m <sup>3</sup> ; 0.06 µg/m <sup>3</sup> ; 0.06 µg/m <sup>3</sup> ; 0.06 µg/m <sup>3</sup> ]				
Fromme et al. 2013 <b>HERO ID:</b> 2215411 <i>OQD:</i> Medium	Bavaria, Berlin, and North Rhine-Westfalia, DE Scenario: Indoor air sample from German daycare centers (n = 63; DF = 0.96; Sampling Period: Nov., 2011 - May, 2012)	LOD: 3.0 ng/m <sup>3</sup> LOQ: 10 ng/m <sup>3</sup>	25.0 ng/m <sup>3</sup>	889.0 ng/m <sup>3</sup>	276.0 ng/m <sup>3</sup> (AM)	50th: 194.0 ng/m <sup>3</sup> ; 95th: 765.0 ng/m <sup>3</sup> ;	NR
Alliot et al. 2014 <b>HERO ID:</b> 2658345 <i>OQD:</i> Medium	Paris, FR Scenario: Air from apartments in Paris (n = 3; DF = 0.56;1; Sampling Period: Fall, 2011)	LOD: 0.3 pg/m <sup>3</sup> LOQ: 92.0; 2.8 pg/m <sup>3</sup>	NR	NR	12.0 ng/m <sup>3</sup> (GM)	NR	13.0 % (ASD)
Alliot et al. 2014 <b>HERO ID:</b> 2658345 <i>OQD:</i> Medium	Paris, FR Scenario: Air from offices in Paris (n = 3; DF = 0.56;1; Sampling Period: Fall, 2011)	LOD: 0.3 pg/m <sup>3</sup> LOQ: 92.0; 2.8 pg/m <sup>3</sup>	NR	NR	29.0 ng/m <sup>3</sup> (GM)	NR	13.0 % (ASD)
Alliot et al. 2014 <b>HERO ID:</b> 2658345 <i>OQD:</i> Medium	Paris, FR Scenario: Air from day nursery in Paris (n = 3; DF = 0.56;1; Sampling Period: Fall, 2011)	LOD: 0.3 pg/m <sup>3</sup> LOQ: 92.0; 2.8 pg/m <sup>3</sup>	NR	NR	50.0 ng/m <sup>3</sup> (GM)	NR	13.0 % (ASD)
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (particulate) in homes (n = 20; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.4 µg/g LOQ: 1.5 µg/g	4.95 ng/m <sup>3</sup>	72.0 ng/m <sup>3</sup>	24.1 ng/m <sup>3</sup> (AM)	50th: 22.9 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (vapor) in homes (n = 20; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.03 ng/m <sup>3</sup> LOQ: 0.1 ng/m <sup>3</sup>	2.98 ng/m <sup>3</sup>	132.0 ng/m <sup>3</sup>	27.4 ng/m <sup>3</sup> (AM)	50th: 17.4 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (particulate) in offices (n = 7; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.4 µg/g LOQ: 1.5 µg/g	11.0 ng/m <sup>3</sup>	52.8 ng/m <sup>3</sup>	29.7 ng/m <sup>3</sup> (AM)	50th: 29.3 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (vapor) in offices (n = 7; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.03 ng/m <sup>3</sup> LOQ: 0.1 ng/m <sup>3</sup>	5.49 ng/m <sup>3</sup>	37.8 ng/m <sup>3</sup>	22.0 ng/m <sup>3</sup> (AM)	50th: 10.8 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (particulate) in laboratories (n = 13; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.4 µg/g LOQ: 1.5 µg/g	2.48 ng/m <sup>3</sup>	90.0 ng/m <sup>3</sup>	37.3 ng/m <sup>3</sup> (AM)	50th: 34.0 ng/m <sup>3</sup> ;	NR

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Table 8 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (vapor) in laboratories (n = 13; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.03 ng/m <sup>3</sup> LOQ: 0.1 ng/m <sup>3</sup>	15.4 ng/m <sup>3</sup>	562.0 ng/m <sup>3</sup>	155.0 ng/m <sup>3</sup> (AM)	50th: 77.0 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (particulate) in schools (n = 6; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.4 µg/g LOQ: 1.5 µg/g	2.04 ng/m <sup>3</sup>	58.7 ng/m <sup>3</sup>	15.8 ng/m <sup>3</sup> (AM)	50th: 5.93 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (vapor) in schools (n = 6; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.03 ng/m <sup>3</sup> LOQ: 0.1 ng/m <sup>3</sup>	2.65 ng/m <sup>3</sup>	72.8 ng/m <sup>3</sup>	18.4 ng/m <sup>3</sup> (AM)	50th: 5.1 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (particulate) in salons (n = 6; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.4 µg/g LOQ: 1.5 µg/g	12.4 ng/m <sup>3</sup>	42.7 ng/m <sup>3</sup>	27.5 ng/m <sup>3</sup> (AM)	50th: 27.5 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (vapor) in salons (n = 6; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.03 ng/m <sup>3</sup> LOQ: 0.1 ng/m <sup>3</sup>	9.54 ng/m <sup>3</sup>	663.0 ng/m <sup>3</sup>	195.0 ng/m <sup>3</sup> (AM)	50th: 43.1 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (particulate) in public places (n = 8; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.4 µg/g LOQ: 1.5 µg/g	3.89 ng/m <sup>3</sup>	52.2 ng/m <sup>3</sup>	23.0 ng/m <sup>3</sup> (AM)	50th: 23.9 ng/m <sup>3</sup> ;	NR
Tran et al. 2015 <b>HERO ID:</b> 2816872 <i>OQD:</i> Medium	Albany, NY, US Scenario: Indoor air (vapor) in public places (n = 8; DF = 1; Sampling Period: Jan., 2014 - May, 2014)	LOD: 0.03 ng/m <sup>3</sup> LOQ: 0.1 ng/m <sup>3</sup>	6.66 ng/m <sup>3</sup>	25.8 ng/m <sup>3</sup>	13.8 ng/m <sup>3</sup> (AM)	50th: 11.8 ng/m <sup>3</sup> ;	NR
Takeuchi et al. 2015 <b>HERO ID:</b> 3005686 <i>OQD:</i> Medium	11 prefectures, JP Scenario: Indoor air from 21 suburban living rooms (n = 21; DF = 0.76; Sampling Period: Oct., 2013 - Jan., 2014)	LOD: Not Reported LOQ: 0.02 µg/m <sup>3</sup>	NR	0.27 µg/m <sup>3</sup>	NR	50th: 0.086 µg/m <sup>3</sup> ;	NR
Saini et al. 2015 <b>HERO ID:</b> 3009392 <i>OQD:</i> High	Toronto, CA Scenario: Passive air from vinyl tile floors from of buildings at the University of Toronto (n = 1; DF = 1; Sampling Period: Summer, 2012 - Fall, 2013)	LOD: 0.07 Other LOQ: Not Reported	32.0 ng/m <sup>3</sup>	58.0 ng/m <sup>3</sup>	46.0 ng/m <sup>3</sup> (GM)	NR	10.0 ng/m <sup>3</sup> (ASD)
Raffy et al. 2016 <b>HERO ID:</b> 3229681 <i>OQD:</i> High	Ille-et-Vilaine, Brittany, FR Scenario: Indoor air from French classrooms (n = 58; DF = 1; Sampling Period: Fall, 2009 - Spring, 2010)	LOD: Not Reported LOQ: 8 ng/m <sup>3</sup>	NR	NR	NR	5th: 49.0 ng/m <sup>3</sup> ; 50th: 108.0 ng/m <sup>3</sup> ; 95th: 417.0 ng/m <sup>3</sup> ;	NR
Raffy et al. 2016 <b>HERO ID:</b> 3229681 <i>OQD:</i> High	Ille-et-Vilaine, Brittany, FR Scenario: Vacuumed dust from French classrooms (n = 28; DF = 1; Sampling Period: Fall, 2009 - Spring, 2010)	LOD: Not Reported LOQ: 526 ng/g	NR	NR	NR	5th: 275000.0 ng/g; 50th: 1430000.0 ng/g; 95th: 5830000.0 ng/g;	NR
Raffy et al. 2016 <b>HERO ID:</b> 3229681 <i>OQD:</i> High	Ille-et-Vilaine, Brittany, FR Scenario: Wiped dust from French classrooms (n = 28; DF = 1; Sampling Period: Fall, 2009 - Spring, 2010)	LOD: Not Reported LOQ: 333 ng/m <sup>2</sup>	NR	NR	NR	5th: 86900.0 ng/m <sup>2</sup> ; 50th: 1210000.0 ng/m <sup>2</sup> ; 95th: 4520000.0 ng/m <sup>2</sup> ;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Laborie et al. 2016 <b>HERO ID:</b> 3230514 <i>OQD:</i> Medium	near Paris, FR Scenario: Indoor air (gaseous) from a day nursery (n = 3; DF = 1; Sampling Period: Summer, 2013)	LOD: 123.0 pg/m <sup>3</sup> LOQ: 410 pg/m <sup>3</sup>	NR	NR	32.2 ng/m <sup>3</sup> (AM)	NR	15.85 ng/m <sup>3</sup> (ASD)
Laborie et al. 2016 <b>HERO ID:</b> 3230514 <i>OQD:</i> Medium	near Paris, FR Scenario: Indoor air (gaseous) from an apartment (n = 3; DF = 1; Sampling Period: Summer, 2013)	LOD: 123.0 pg/m <sup>3</sup> LOQ: 410 pg/m <sup>3</sup>	NR	NR	13.21 ng/m <sup>3</sup> (AM)	NR	10.7 ng/m <sup>3</sup> (ASD)
Laborie et al. 2016 <b>HERO ID:</b> 3230514 <i>OQD:</i> Medium	near Paris, FR Scenario: Indoor air (particulate) from an office (n = 3; DF = 1; Sampling Period: Summer, 2013)	LOD: 83.4 pg/m <sup>3</sup> LOQ: 278 pg/m <sup>3</sup>	NR	NR	90.98 ng/m <sup>3</sup> (AM)	NR	34.8 ng/m <sup>3</sup> (ASD)
Laborie et al. 2016 <b>HERO ID:</b> 3230514 <i>OQD:</i> Medium	near Paris, FR Scenario: Indoor air (particulate) from an apartment (n = 3; DF = 1; Sampling Period: Summer, 2013)	LOD: 83.4 pg/m <sup>3</sup> LOQ: 278 pg/m <sup>3</sup>	NR	NR	177.7 ng/m <sup>3</sup> (AM)	NR	32.7 ng/m <sup>3</sup> (ASD)
Laborie et al. 2016 <b>HERO ID:</b> 3230514 <i>OQD:</i> Medium	near Paris, FR Scenario: Indoor air (gaseous) from an office (n = 3; DF = 1; Sampling Period: Summer, 2013)	LOD: 123.0 pg/m <sup>3</sup> LOQ: 410 pg/m <sup>3</sup>	NR	NR	6.971 ng/m <sup>3</sup> (AM)	NR	1.977 ng/m <sup>3</sup> (ASD)
Laborie et al. 2016 <b>HERO ID:</b> 3230514 <i>OQD:</i> Medium	near Paris, FR Scenario: Indoor air (particulate) from a house (n = 3; DF = 1; Sampling Period: Summer, 2013)	LOD: 83.4 pg/m <sup>3</sup> LOQ: 278 pg/m <sup>3</sup>	NR	NR	153.7 ng/m <sup>3</sup> (AM)	NR	31.5 ng/m <sup>3</sup> (ASD)
Laborie et al. 2016 <b>HERO ID:</b> 3230514 <i>OQD:</i> Medium	near Paris, FR Scenario: Indoor air (gaseous) from a house (n = 3; DF = 1; Sampling Period: Summer, 2013)	LOD: 123.0 pg/m <sup>3</sup> LOQ: 410 pg/m <sup>3</sup>	NR	NR	21.07 ng/m <sup>3</sup> (AM)	NR	20.79 ng/m <sup>3</sup> (ASD)
Laborie et al. 2016 <b>HERO ID:</b> 3230514 <i>OQD:</i> Medium	near Paris, FR Scenario: Indoor air (particulate) from a day nursery (n = 3; DF = 1; Sampling Period: Summer, 2013)	LOD: 83.4 pg/m <sup>3</sup> LOQ: 278 pg/m <sup>3</sup>	NR	NR	263.9 ng/m <sup>3</sup> (AM)	NR	38.7 ng/m <sup>3</sup> (ASD)
Moreau-Guigon et al. 2016 <b>HERO ID:</b> 3470397 <i>OQD:</i> High	Paris, FR Scenario: Office air during non-heating season (n = 6; DF = NR; Sampling Period: Sept., 2011 - Nov., 2011)	LOD: Not Reported LOQ: 2.8-92.0 pg/m <sup>3</sup>	NR	NR	41.0 ng/m <sup>3</sup> (AM)	NR	21.0 ng/m <sup>3</sup> (ASD)
Moreau-Guigon et al. 2016 <b>HERO ID:</b> 3470397 <i>OQD:</i> High	Paris, FR Scenario: Office air during heating season (n = 6; DF = NR; Sampling Period: Jan., 2012 - Mar., 2012)	LOD: Not Reported LOQ: 2.8-92.0 pg/m <sup>3</sup>	NR	NR	23.0 ng/m <sup>3</sup> (AM)	NR	9.1 ng/m <sup>3</sup> (ASD)
Moreau-Guigon et al. 2016 <b>HERO ID:</b> 3470397 <i>OQD:</i> High	Paris, FR Scenario: Apartment air during non-heating season (n = 6; DF = NR; Sampling Period: Sept., 2011 - Nov., 2011)	LOD: Not Reported LOQ: 2.8-92.0 pg/m <sup>3</sup>	NR	NR	28.0 ng/m <sup>3</sup> (AM)	NR	22.0 ng/m <sup>3</sup> (ASD)
Moreau-Guigon et al. 2016 <b>HERO ID:</b> 3470397 <i>OQD:</i> High	Paris, FR Scenario: Nursery air during non-heating season (n = 6; DF = NR; Sampling Period: Sept., 2011 - Nov., 2011)	LOD: Not Reported LOQ: 2.8-92.0 pg/m <sup>3</sup>	NR	NR	70.0 ng/m <sup>3</sup> (AM)	NR	37.0 ng/m <sup>3</sup> (ASD)

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Table 8 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Kim et al. 2017 <b>HERO ID:</b> 4178500 <i>OQD:</i> Medium	Pusan region; Daegu region, KR Scenario: Indoor air of home living rooms (n = 8; DF = 1; Sampling Period: Aug., 2013 - Apr., 2014)	LOD: 2.0 ng LOQ: Not Reported	0.11 $\mu\text{g}/\text{m}^3$	0.5 $\mu\text{g}/\text{m}^3$	0.28 $\mu\text{g}/\text{m}^3$ (AM)	NR	NR
Kim et al. 2017 <b>HERO ID:</b> 4178500 <i>OQD:</i> Medium	Pusan region; Daegu region, KR Scenario: Indoor air of Kindergarten classrooms (n = 6; DF = 1; Sampling Period: Aug., 2014)	LOD: 2.0 ng LOQ: Not Reported	0.11 $\mu\text{g}/\text{m}^3$	0.46 $\mu\text{g}/\text{m}^3$	0.24 $\mu\text{g}/\text{m}^3$ (AM)	NR	NR
Okeme et al. 2018 <b>HERO ID:</b> 4659643 <i>OQD:</i> Medium	Greater Toronto Area, Ottawa, CA Scenario: Air in homes from polyurethane foam sampling (n = 51; DF = 1; Sampling Period: Feb., 2015 - Aug., 2015)	LOD: 3.0 NR LOQ: 10 NR or NA	8.3 $\text{ng}/\text{m}^3$	1300.0 $\text{ng}/\text{m}^3$	150.0 $\text{ng}/\text{m}^3$ (AM)	50th: 31.0 $\text{ng}/\text{m}^3$ ;	300.0 $\text{ng}/\text{m}^3$ (ASD)
Okeme et al. 2018 <b>HERO ID:</b> 4659643 <i>OQD:</i> Medium	Greater Toronto Area, Ottawa, CA Scenario: Air in homes from polydimethylsiloxane sampling (n = 51; DF = 1; Sampling Period: Feb., 2015 - Aug., 2015)	LOD: 3.0 NR LOQ: 10 NR or NA	1.1 $\text{ng}/\text{m}^3$	8500.0 $\text{ng}/\text{m}^3$	340.0 $\text{ng}/\text{m}^3$ (AM)	50th: 4.6 $\text{ng}/\text{m}^3$ ;	1300.0 $\text{ng}/\text{m}^3$ (ASD)
Okeme et al. 2018 <b>HERO ID:</b> 4659643 <i>OQD:</i> Medium	Toronto, Ontario, CA Scenario: Air from computer laboratory (n = 51; DF = 0.8; Sampling Period: May, 2016 - Jul., 2016)	LOD: 3.0 NR LOQ: 10 NR or NA	NR	NR	33.0 $\text{ng}/\text{m}^3$ (AM)	NR	16.0 % (CV)
Dodson et al. 2019 <b>HERO ID:</b> 5432871 <i>OQD:</i> High	Greater Boston, MA, US Scenario: Indoor air from a variety of spaces. Active air sampling (n = 25; DF = 0.28; Sampling Period: Oct., 2013 - Jul., 2015)	LOD: Not Reported LOQ: 57 $\text{ng}/\text{m}^3$	NR	210.0 $\text{ng}/\text{m}^3$	NR	95th: 110.0 $\text{ng}/\text{m}^3$ ;	NR
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE Scenario: Indoor air from 62 apartments (n = 62; DF = 1.0; Sampling Period: 2008)	LOD: Not Reported LOQ: Not Reported	70.0 $\text{ng}/\text{m}^3$	527.0 $\text{ng}/\text{m}^3$	NR	25th: 176.0 $\text{ng}/\text{m}^3$ ; 50th: 232.0 $\text{ng}/\text{m}^3$ ; 75th: 275.0 $\text{ng}/\text{m}^3$ ;	NR
Dodson et al. 2017 <b>HERO ID:</b> 5755270 <i>OQD:</i> High	Boston, MA, US Scenario: Indoor air from green, low-income housing, PRE-occupancy (n = 10; DF = 1; Sampling Period: Jun., 2013 - Jul., 2013)	LOD: 15.0 $\text{ng}/\text{m}^3$ LOQ: 46.0 $\text{ng}/\text{m}^3$	<LOQ	260.0 $\text{ng}/\text{m}^3$	<LOQ	50th: <LOQ; 95th: 170.0 $\text{ng}/\text{m}^3$ ;	NR
Dodson et al. 2017 <b>HERO ID:</b> 5755270 <i>OQD:</i> High	Boston, MA, US Scenario: Indoor air from green, low-income housing, POST-occupancy (n = 25; DF = 0.96; Sampling Period: Jul., 2013 - Jan., 2014)	LOD: 15.0 $\text{ng}/\text{m}^3$ LOQ: 46.0 $\text{ng}/\text{m}^3$	<LOD	280.0 $\text{ng}/\text{m}^3$	69.0 $\text{ng}/\text{m}^3$ (GM)	50th: 77.0 $\text{ng}/\text{m}^3$ ; 95th: 160.0 $\text{ng}/\text{m}^3$ ;	NR

Table 9: Data Extraction Tables of Exposure Monitoring Studies for Other

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Brandli et al. 2007 <b>HERO ID:</b> 198168 <i>OQD:</i> Low	Not reported, CH Scenario: Compost from commercial plants in Switzerland (n = 4; DF = 1; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [270 µg/kg; 150 µg/kg; 390 µg/kg; 160 µg/kg]				
Brandli et al. 2007 <b>HERO ID:</b> 198168 <i>OQD:</i> Low	Not reported, CH Scenario: Digestate from commercial plants in Switzerland (n = 2; DF = 1; Sampling Period: 2007)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1980 µg/kg; 300 µg/kg]				
Schrab et al. 1993 <b>HERO ID:</b> 661846 <i>OQD:</i> Low	Midwest & Eastern, US Scenario: Leachate from municipal solid waste landfills (n = 4; DF = 1; Sampling Period: 1993)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [30 µg/L; 58 µg/L; 47 µg/L; 49 µg/L]				
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Ninghe garden, CN Scenario: Organic film from NingHe garden (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	0.0492 Other (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Lanshan district, CN Scenario: Organic film from Lanshan district (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	0.12 Other (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Coach Terminal Station, CN Scenario: Organic film from Coach Terminal Station (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	0.0599 Other (AM)	NR	NR
Wilk et al. 2019 <b>HERO ID:</b> 5709835 <i>OQD:</i> Medium	Pomerania region and Gdynia, PL Scenario: Landfill leachate from a previous cell (PP-LLCs) (n = 8; DF = 0.5; Sampling Period: Jan., 2015 - Apr., 2016)	LOD: 44.8 µg/L LOQ: 149.0 µg/L	<LOD	257 µg/L	NR	NR	NR
Wilk et al. 2019 <b>HERO ID:</b> 5709835 <i>OQD:</i> Medium	Pomerania region and Gdynia, PL Scenario: Landfill leachate from a modern cell (MP-LLCs) (n = 9; DF = 0.33; Sampling Period: Jan., 2015 - Apr., 2016)	LOD: 44.8 µg/L LOQ: 149.0 µg/L	<LOD	536 µg/L	NR	NR	NR
Başaran et al. 2020 <b>HERO ID:</b> 6813710 <i>OQD:</i> Medium	Kocaeli Province, TR Scenario: Road dust in front of homes (n = 90; DF = 1; Sampling Period: Feb., 2016 - Apr., 2016)	LOD: Not Reported LOQ: 0.102 ng/g	0.15 µg/g	22.47 µg/g	7.49 µg/g (AM)	50th: 3.89 µg/g;	5.59 µg/g (ASD)
Kotowska et al. 2020 <b>HERO ID:</b> 6958938 <i>OQD:</i> High	Multiple regions in Poland, PL Scenario: Leachates from active landfills in Poland (n = 11; DF = 0.46; Sampling Period: Aug., 2012 - May, 2014)	LOD: 0.03 µg/L LOQ: 0.09 µg/L	<LOD	249 µg/L	75.6 µg/L (AM)	50th: <LOD;	45.0 µg/L (ASD)
Kotowska et al. 2020 <b>HERO ID:</b> 6958938 <i>OQD:</i> High	Multiple regions in Poland, PL Scenario: Leachates from close landfills in Poland (n = 7; DF = 0.29; Sampling Period: Aug., 2012 - May, 2014)	LOD: 0.03 µg/L LOQ: 0.09 µg/L	<LOD	143 µg/L	72.8 µg/L (AM)	50th: <LOD;	9.02 µg/L (ASD)
Yasuhara et al. 1999 <b>HERO ID:</b> 659131 <i>OQD:</i> Medium	Not Reported, JP Scenario: Landfill leachate from hazardous waste disposal sites (n = 11; DF = 0.73; Sampling Period: 1995)	LOD: Not Reported LOQ: 500.0 ng/L	NR	3800.0 ng/L	NR	50th: 1350.0 ng/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Llompart et al. 2013 <b>HERO ID:</b> 1597738 <i>OQD:</i> High	Northwestern Spain, ES Scenario: Rubber recycled tire tiles and puzzle pavers from a local store northwestern Spain. (n = 9; DF = 0.43; Sampling Period: 2012)	LOD: 11.0 ng/mL LOQ: Not Reported	22.4 $\mu\text{g/g}$	1205.0 $\mu\text{g/g}$	359.0 $\mu\text{g/g}$ (AM)	50th: 184.0 $\mu\text{g/g}$ ;	NR
Llompart et al. 2013 <b>HERO ID:</b> 1597738 <i>OQD:</i> High	Northwestern Spain, ES Scenario: Rubber recycled tire ground cover from nine urban playgrounds across northwestern Spain. (n = 21; DF = 1; Sampling Period: 2012)	LOD: 11.0 ng/mL LOQ: Not Reported	3.95 $\mu\text{g/g}$	63.8 $\mu\text{g/g}$	20.0 $\mu\text{g/g}$ (AM)	50th: 15.6 $\mu\text{g/g}$ ;	NR
Mailler et al. 2014 <b>HERO ID:</b> 2519040 <i>OQD:</i> Medium	Paris, FR Scenario: Digested Sludge from Wastewater Treatment Plants in Paris (n = 35; DF = NR; Sampling Period: Oct., 2011)	LOD: Not Reported LOQ: 0.05 mg/kg	0.21 mg/kg	0.36 mg/kg	0.26 mg/kg (AM)	NR	NR

Table 10: Data Extraction Tables of Exposure Monitoring Studies for Personal Inhalation

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Adibi et al. 2003 <b>HERO ID:</b> 674904 <i>OQD:</i> Medium	New York City, NY USA, US Scenario: Personal air samples in pregnant New York subjects (n = 30; DF = 1; Sampling Period: Mar., 2000 - Jul., 2000)	LOD: Not Reported LOQ: Not Reported	0.05 $\mu\text{g}/\text{m}^3$	0.41 $\mu\text{g}/\text{m}^3$	0.22 $\mu\text{g}/\text{m}^3$ (GM)	50th: 0.22 $\mu\text{g}/\text{m}^3$ ;	0.1 $\mu\text{g}/\text{m}^3$ (ASD)
Adibi et al. 2003 <b>HERO ID:</b> 674904 <i>OQD:</i> Medium	Krakow, Poland, PL Scenario: Personal air samples in pregnant Krakow subjects (n = 30; DF = 1; Sampling Period: Nov., 2000 - Mar., 2001)	LOD: Not Reported LOQ: Not Reported	0.08 $\mu\text{g}/\text{m}^3$	1.1 $\mu\text{g}/\text{m}^3$	0.43 $\mu\text{g}/\text{m}^3$ (GM)	50th: 0.37 $\mu\text{g}/\text{m}^3$ ;	0.24 $\mu\text{g}/\text{m}^3$ (ASD)
Okeme et al. 2018 <b>HERO ID:</b> 5017615 <i>OQD:</i> Medium	Toronto, CA Scenario: Five participants using computer workstations in their offices for 8 hr work day (low volume active air samplers) (n = 5; DF = 1; Sampling Period: Jan., 2016)	LOD: 0.12 $\text{pg}/\text{m}^3$ LOQ: 0.39 $\text{pg}/\text{m}^3$	1820.0 $\text{ng}/\text{m}^3$	2230.0 $\text{ng}/\text{m}^3$	2032.8 $\text{ng}/\text{m}^3$ (AM)	50th: 2010.0 $\text{ng}/\text{m}^3$ ;	175.72 $\text{ng}/\text{m}^3$ (ASD)
Okeme et al. 2018 <b>HERO ID:</b> 5017615 <i>OQD:</i> Medium	Toronto, CA Scenario: Three office workers sampled for 7 consecutive days, mainly indoors at home and office (passive polydimethylsiloxane brooch samplers) (n = 3; DF = 1; Sampling Period: winter, 2016)	LOD: 0.12 $\text{pg}/\text{m}^3$ LOQ: 0.39 $\text{pg}/\text{m}^3$	379.0 $\text{ng}/\text{m}^3$	1550.0 $\text{ng}/\text{m}^3$	798.0 $\text{ng}/\text{m}^3$ (AM)	50th: 465.0 $\text{ng}/\text{m}^3$ ;	652.67 $\text{ng}/\text{m}^3$ (ASD)

Table 11: Data Extraction Tables of Exposure Monitoring Studies for Sediment

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Ovre Skarsjon; Krageholmssjon; Lilla Oresjon; Tarnan, SE Scenario: Sediment (0-2cm) from national background lakes (n = 3; DF = 0; Sampling Period: Oct., 2006 - Dec., 2006)	LOD: 40 µg/kg LOQ: Not Reported	NR	NR	<LOD	NR	NR
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Stenungsund, SE Scenario: Sediment (0-2cm) from Stenungsund, industrial point source (n = 6; DF = 0.83; Sampling Period: Oct., 2006 - Dec., 2006)	LOD: 40 µg/kg LOQ: Not Reported	POINT VALUE(S): [120 µg/kg; 82 µg/kg; <LOD; 160 µg/kg; 200 µg/kg; 200 µg/kg]				
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Stockholm, SE Scenario: Sediment (0-2cm) from Stockholm, urban diffuse source (Stora Essingen, Arstaviken, and Riddarfjarden) (n = 3; DF = 1; Sampling Period: Oct., 2006 - Dec., 2006)	LOD: 40 µg/kg LOQ: Not Reported	POINT VALUE(S): [1200 µg/kg; 2800 µg/kg; 1900 µg/kg]				
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Strandmossen landfill, Kristinehamn, SE Scenario: Sediment (0-2cm) from Strandmossen landfill, Kristinehamn (regional sampling program) (n = 1; DF = 1; Sampling Period: Oct., 2006 - Dec., 2006)	LOD: 40 µg/kg LOQ: Not Reported	POINT VALUE(S): [400 µg/kg]				
Lin et al. 2003 <b>HERO ID:</b> 680053 <i>OQD:</i> High	Vancouver, BC, CA Scenario: Sediment from North Central False Creek Harbor (n = 16; DF = NR; Sampling Period: Jan., 2003)	LOD: 4.2 ng/g LOQ: Not Reported	NR	NR	961.63 ppb (AM)	NR	460.47 ppb (ASD)
Lin et al. 2003 <b>HERO ID:</b> 680053 <i>OQD:</i> High	Vancouver, BC, CA Scenario: Sediment from East Basin False Creek Harbor (n = 16; DF = NR; Sampling Period: Jan., 2003)	LOD: 4.2 ng/g LOQ: Not Reported	NR	NR	2528.96 ppb (AM)	NR	2415.49 ppb (ASD)
Lin et al. 2003 <b>HERO ID:</b> 680053 <i>OQD:</i> High	Vancouver, BC, CA Scenario: Sediment from Marina-South False Creek Harbor (n = 16; DF = NR; Sampling Period: Jan., 2003)	LOD: 4.2 ng/g LOQ: Not Reported	NR	NR	2046.51 ppb (AM)	NR	1999.70 ppb (ASD)
Lin et al. 2003 <b>HERO ID:</b> 680053 <i>OQD:</i> High	Vancouver, BC, CA Scenario: Sediment from Cambie Bridge False Creek Harbor (n = 16; DF = NR; Sampling Period: Jan., 2003)	LOD: 4.2 ng/g LOQ: Not Reported	NR	NR	2592.94 ppb (AM)	NR	715.26 ppb (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	South east Sweden, SE Scenario: Sediment samples from upstream of Tarkett at Ronneby Brunn (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: Not Reported LOQ: Not Reported	NR	NR	1786 ng/g (AM)	NR	1325 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Gällivare, north central Sweden, SE Scenario: Sediment samples from Jutsajaure, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	118 ng/g (AM)	NR	78 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Abisko, NE Sweden, SE Scenario: Sediment samples from Abiskojuare, Sweden (n = 2; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	8 ng/g (AM)	NR	8 ng/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Fuxerna socken, Sweden, SE Scenario: Sediment samples from Fräcksjön, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	366 ng/g (AM)	NR	132 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Ucklum, Sweden, SE Scenario: Sediment samples from Härsvatten, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	388 ng/g (AM)	NR	208 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Hedemora, Sweden, SE Scenario: Sediment samples from Brunnsjön, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	168 ng/g (AM)	NR	56 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Sovestad, Sweden, SE Scenario: Sediment samples from Krageholmssjön Reference lake, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	208 ng/g (AM)	NR	148 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Södermanland, Sweden, SE Scenario: Sediment samples from Stensjön, Sweden (n = 3; DF = 1; Sampling Period: Oct., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	59 ng/g (AM)	NR	84 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Blekinge County, Sweden, SE Scenario: Sediment samples from Holmasjön, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	139 ng/g (AM)	NR	94 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Dalsland, Sweden, SE Scenario: Sediment samples from Lesjön, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	218 ng/g (AM)	NR	144 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Alvsborg, SE Scenario: Sediment samples from Breddreven, Sweden (n = 2; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	225 ng/g (AM)	NR	77 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Orebro, Sweden, SE Scenario: Sediment samples from Torrvärpen, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	163 ng/g (AM)	NR	34 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	SW, SE Scenario: Sediment samples from Halvarsnorel, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	163 ng/g (AM)	NR	34 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Orebro, SE Scenario: Sediment samples from Möckeln, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	404 ng/g (AM)	NR	48 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Orebro, SE Scenario: Sediment samples from Årstaviken Bay, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	44 ng/g (AM)	NR	4 ng/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Trollhattan, SE Scenario: Sediment samples from the Gota Älv River North of Trollhattan, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	71 ng/g (AM)	NR	39 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Ale, SE Scenario: Sediment samples from the Göta älv River, Bohus, Sweden (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	225 ng/g (AM)	NR	93 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Södermanland and Uppland, SE Scenario: Sediment samples from Riddarfjärden, Stockholm (n = 6; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	2491 ng/g (AM)	NR	376 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Örebro County, SE Scenario: Sediment samples from ECO AB at Svartan River (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	47021 ng/g (AM)	NR	54645 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Örebro County, SE Scenario: Sediment samples from upstream of ECO AB at Ormaryd River (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	102 ng/g (AM)	NR	13 ng/g (ASD)
Parkman et al. 1995 <b>HERO ID:</b> 680108 <i>OQD:</i> Low	Blekinge, Southern Sweden, SE Scenario: Sediment samples from Tarkett in Ronnebyhamn (n = 3; DF = 1; Sampling Period: Sept., 1994)	LOD: 3.9 ppb LOQ: Not Reported	NR	NR	132610 ng/g (AM)	NR	14475 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River discharge pond sediment (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	1200000 ng/g (AM)	NR	100000 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Morgan Creek site sediment (n = 4; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	53 ng/g (AM)	NR	14 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River mouth sediment (Site R) (n = 6; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	110 ng/g (AM)	NR	9 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Frye Farm Morgan Creek sediment (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	4800 ng/g (AM)	NR	95 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chestertown bridge river sediment (n = 6; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	20 ng/g (AM)	NR	9 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River sediment (Site 7) (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	22 ng/g (AM)	NR	8 ng/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River sediment (Site 6) (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	44 ng/g (AM)	NR	4 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River sediment (Site 5) (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	25 ng/g (AM)	NR	3.9 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River sediment (Site 4) (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	23 ng/g (AM)	NR	5 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River sediment (Site 3) (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	32 ng/g (AM)	NR	13 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River sediment (Site 2) (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	42 ng/g (AM)	NR	3 ng/g (ASD)
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River sediment (Site 1) (n = 5; DF = NR; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	NR	NR	45 ng/g (AM)	NR	5 ng/g (ASD)
Mcdowell et al. 2001 <b>HERO ID:</b> 1322016 <i>OQD:</i> Medium	Ontario, CA Scenario: Sediments near STP Outflow in Hamilton Harbour (n = 5; DF = 1; Sampling Period: Summer, 1997)	LOD: 0.81 µg/g LOQ: Not Reported	6.5 µg/g	29.7 µg/g	NR	NR	NR
Liu et al. 2014 <b>HERO ID:</b> 2349860 <i>OQD:</i> Medium	Pearl River Delta region, CN Scenario: Zhujiang river sediment (n = 11; DF = 1; Sampling Period: Jul., 2006)	LOD: 1-9 pg LOQ: 1.12-8.59 ng/g	2.12 µg/g	29.5 µg/g	9.52 µg/g (AM)	50th: 6.03 µg/g;	8.15 µg/g (ASD)
Liu et al. 2014 <b>HERO ID:</b> 2349860 <i>OQD:</i> Medium	Pearl River Delta region, CN Scenario: Dongjiang river sediment (n = 21; DF = 1; Sampling Period: Jul., 2006)	LOD: 1-9 pg LOQ: 1.12-8.59 ng/g	0.415 µg/g	20.14 µg/g	4.656 µg/g (AM)	50th: 2.12 µg/g;	5.225 µg/g (ASD)
Liu et al. 2014 <b>HERO ID:</b> 2349860 <i>OQD:</i> Medium	Pearl River Delta region, CN Scenario: Xijiang river sediment (n = 15; DF = 1; Sampling Period: Jul., 2006)	LOD: 1-9 pg LOQ: 1.12-8.59 ng/g	0.587 µg/g	2.39 µg/g	1.17 µg/g (AM)	50th: 1.11 µg/g;	0.461 µg/g (ASD)
Liu et al. 2014 <b>HERO ID:</b> 2349860 <i>OQD:</i> Medium	Pearl River Delta region, CN Scenario: Beijiang river sediment (n = 11; DF = 1; Sampling Period: Jul., 2006)	LOD: 1-9 pg LOQ: 1.12-8.59 ng/g	0.512 µg/g	2.23 µg/g	0.978 µg/g (AM)	50th: 0.727 µg/g;	0.509 µg/g (ASD)
Liu et al. 2014 <b>HERO ID:</b> 2349860 <i>OQD:</i> Medium	Pearl River Delta region, CN Scenario: Shunde river sediment (n = 10; DF = 1; Sampling Period: Jul., 2006)	LOD: 1-9 pg LOQ: 1.12-8.59 ng/g	1.15 µg/g	3.96 µg/g	2.228 µg/g (AM)	50th: 1.92 µg/g;	1.087 µg/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Tran et al. 2014 <b>HERO ID:</b> 2519056 <i>OQD:</i> Medium	Essonne, FR Scenario: Sediment from WWTP influent water (n = 48; DF = NR; Sampling Period: Feb., 2010 - Feb., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	78.1 $\mu\text{g/L}$ (GM)	NR	12.3 $\mu\text{g/L}$ (GSD)
Tran et al. 2014 <b>HERO ID:</b> 2519056 <i>OQD:</i> Medium	Essonne, FR Scenario: Sediment from WWTP effluent water (n = 48; DF = NR; Sampling Period: Feb., 2010 - Feb., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	74.6 $\mu\text{g/L}$ (GM)	NR	20.4 $\mu\text{g/L}$ (GSD)
Zhang et al. 2015 <b>HERO ID:</b> 3045478 <i>OQD:</i> Medium	Wangyang River (WYR), Shijiazhuang City, Hebei Province, CN Scenario: Sediment (0–5 cm) from 13 sites along the Wangyang River downstream of WWTP discharge (n = 39; DF = 1; Sampling Period: Jun., 2013)	LOD: Not Reported LOQ: Not Reported	0.161 $\mu\text{g/L}$	0.465 $\mu\text{g/L}$	0.307 $\mu\text{g/L}$ (AM)	50th: 0.304 $\mu\text{g/L}$ ;	0.078 $\mu\text{g/L}$ (ASD)
Li et al. 2017 <b>HERO ID:</b> 3483279 * <i>OQD:</i> High	Southern region of the Fujian Province (Southeast, China), CN Scenario: Sediment from Jiulong River - North River (n = 11; DF = 1; Sampling Period: Mar., 2014)	LOD: Not Reported LOQ: Not Reported	0.033 mg/kg	1.16 mg/kg	0.29 mg/kg (AM)	50th: 0.14 mg/kg;	NR
Li et al. 2017 <b>HERO ID:</b> 3483279 * <i>OQD:</i> High	Southern region of the Fujian Province (Southeast, China), CN Scenario: Sediment from Jiulong River - West River (n = 14; DF = 1; Sampling Period: Mar., 2014)	LOD: Not Reported LOQ: Not Reported	0.053 mg/kg	1.28 mg/kg	0.35 mg/kg (AM)	50th: 0.19 mg/kg;	NR
Li et al. 2017 <b>HERO ID:</b> 3483279 * <i>OQD:</i> High	Southern region of the Fujian Province (Southeast, China), CN Scenario: Sediment from Jiulong River - Estuary (n = 5; DF = 1; Sampling Period: Mar., 2014)	LOD: Not Reported LOQ: Not Reported	0.007 mg/kg	0.39 mg/kg	0.080 mg/kg (AM)	50th: 0.055 mg/kg;	NR
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 1 (Harbor entrance) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	574 ng/g (AM)	NR	444 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 2 (Harbor entrance) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1242 ng/g (AM)	NR	783 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 3 (Harbor entrance) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1503 ng/g (AM)	NR	908 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 4 (Love River, port) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	21559 ng/g (AM)	NR	15141 ng/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 5 (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	2938 ng/g (AM)	NR	2169 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 6 (Canon River, port) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	5740 ng/g (AM)	NR	4643 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 7 (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1210 ng/g (AM)	NR	789 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 8 (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	3442 ng/g (AM)	NR	3322 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 9 (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1965 ng/g (AM)	NR	1252 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 10 (Jen-Gen River) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	5699 ng/g (AM)	NR	3296 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 11 (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1064 ng/g (AM)	NR	657 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 12 (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	2115 ng/g (AM)	NR	1065 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 13 (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1348 ng/g (AM)	NR	1010 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 14 (port) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1467 ng/g (AM)	NR	898 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 15 (Harbor outlet) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1313 ng/g (AM)	NR	1298 ng/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 16 (port) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1641 ng/g (AM)	NR	1468 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 17 (port) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1796 ng/g (AM)	NR	1821 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 18 (Salt River, port) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	13419 ng/g (AM)	NR	13369 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 19 (Harbor outlet) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1270 ng/g (AM)	NR	946 ng/g (ASD)
Chen et al. 2016 <b>HERO ID:</b> 3540854 <i>OQD:</i> Medium	Kaohsiung Harbor, TW Scenario: Surface sediment from Kaohsiung Harbor - Site 20 (Harbor outlet) (n = 4; DF = 1; Sampling Period: Feb., 2013 - Oct., 2013)	LOD: 19.1 ng/g LOQ: Not Reported	NR	NR	1291 ng/g (AM)	NR	1069 ng/g (ASD)
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: SPM from Jiulong River estuary during wet season (n = 15; DF = 1; Sampling Period: Aug., 2014)	LOD: Not Reported LOQ: Not Reported	0.67 mg/kg	12.5 mg/kg	7.02 mg/kg (AM)	50th: 7.27 mg/kg;	NR
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: SPM from Jiulong River estuary during normal season (n = 15; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	0.29 mg/kg	8.42 mg/kg	1.54 mg/kg (AM)	50th: 0.81 mg/kg;	NR
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: SPM from Jiulong River estuary during dry season (n = 15; DF = 1; Sampling Period: Jan., 2015)	LOD: Not Reported LOQ: Not Reported	0.57 mg/kg	43.5 mg/kg	8.27 mg/kg (AM)	50th: 5.69 mg/kg;	NR
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: Sediment from Jiulong River estuary during wet season (n = 15; DF = 1; Sampling Period: Aug., 2014)	LOD: Not Reported LOQ: Not Reported	11.6 µg/kg	285.6 µg/kg	94.6 µg/kg (AM)	50th: 69.2 µg/kg;	NR
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: Sediment from Jiulong River estuary during normal season (n = 15; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	4.3 µg/kg	148.1 µg/kg	23.9 µg/kg (AM)	50th: 10.4 µg/kg;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: Sediment from Jiulong River estuary during dry season (n = 15; DF = 1; Sampling Period: Jan., 2015)	LOD: Not Reported LOQ: Not Reported	7.2 $\mu\text{g/kg}$	394.7 $\mu\text{g/kg}$	77.5 $\mu\text{g/kg}$ (AM)	50th: 36.7 $\mu\text{g/kg}$ ;	NR
Elliott et al. 2017 <b>HERO ID:</b> 4181507 <i>OQD:</i> Medium	tributaries of Great Lakes, US Scenario: Sediment of 12 tributaries of the Great Lakes (n = 77; DF = 0.22; Sampling Period: Apr., 2013 - Oct., 2014)	LOD: 165 $\mu\text{g/kg}$ LOQ: Not Reported	NR	2650 $\text{mg/kg}$	NR	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Zhongshan (n = 12; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 $\text{ng/g}$ LOQ: 8.0 $\text{ng/g}$	NR	NR	26.6 $\text{mg/kg}$ (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Jiangmen (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 $\text{ng/g}$ LOQ: 8.0 $\text{ng/g}$	NR	NR	16.2 $\text{mg/kg}$ (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Nanhai (n = 12; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 $\text{ng/g}$ LOQ: 8.0 $\text{ng/g}$	NR	NR	5.11 $\text{mg/kg}$ (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Shunde (n = 16; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 $\text{ng/g}$ LOQ: 8.0 $\text{ng/g}$	NR	NR	4.13 $\text{mg/kg}$ (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Huizhou (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 $\text{ng/g}$ LOQ: 8.0 $\text{ng/g}$	NR	NR	2.13 $\text{mg/kg}$ (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Huadu (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 $\text{ng/g}$ LOQ: 8.0 $\text{ng/g}$	NR	NR	4.95 $\text{mg/kg}$ (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Dongguan (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 $\text{ng/g}$ LOQ: 8.0 $\text{ng/g}$	NR	NR	5.39 $\text{mg/kg}$ (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Guangzhou (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 $\text{ng/g}$ LOQ: 8.0 $\text{ng/g}$	NR	NR	8.43 $\text{mg/kg}$ (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Surface sediment (0-10cm) from aquaculture fish ponds in Pearl River Delta - Nansha (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: 0.05 ng/g LOQ: 8.0 ng/g	NR	NR	1.31 mg/kg (AM)	NR	NR
Lee et al. 2019 <b>HERO ID:</b> 5043593 <i>OQD:</i> High	Pyeongtaek and Asan, Gyeonggi Province, KR Scenario: Lake Sediment affected from industrial complex (n = 47; DF = 1; Sampling Period: Oct., 2016 - Jul., 2017)	LOD: 0.92 µg/kg LOQ: 2.75 µg/kg	3.6 µg/kg	8326 µg/kg	2056 µg/kg (AM)	50th: 1020 µg/kg;	NR
Crane et al. 2019 <b>HERO ID:</b> 5119889 <i>OQD:</i> Medium	Minneapolis & St. Paul, MN, US Scenario: Sediments (upper 15cm) from stormwater ponds near commercial, industrial, and residential land use areas of a metropolitan city (n = 15; DF = 0.6; Sampling Period: Oct., 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.5 mg/kg (AM)	NR	1.9 mg/kg (ASD)
Sun et al. 2014 <b>HERO ID:</b> 5188487 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Sediments in dry season (n = 12; DF = 1; Sampling Period: Dec., 2008)	LOD: 0.90 ng/g LOQ: Not Reported	780 ng/g	17000 ng/g	NR	NR	NR
Sun et al. 2014 <b>HERO ID:</b> 5188487 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Sediments in wet season (n = 12; DF = 1; Sampling Period: Jul., 2009)	LOD: 0.90 ng/g LOQ: Not Reported	33 ng/g	9200 ng/g	NR	NR	NR
Sardiña et al. 2019 <b>HERO ID:</b> 5412432 <i>OQD:</i> High	Melbourne; Ballarat; Bendigo; Geelong; Latrobe Valley, AU Scenario: Sediment from aquatic ecosystems on various land-use types (n = 25; DF = 0.12; Sampling Period: Aug., 2019)	LOD: 2 mg/kg LOQ: Not Reported	<LOD	14 mg/kg	1.68 mg/kg (AM)	NR	2.64 mg/kg (ASD)
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Sediment from the Haizhou Bay in the Yellow Sea (n = 5; DF = 1; Sampling Period: Nov., 2014)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.23 mg/kg; 0.83 mg/kg; 1.07 mg/kg; 0.42 mg/kg; 0.61 mg/kg]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Sediment from the Bonhai Sea in the Yellow River Estuary outlet (n = 7; DF = 1; Sampling Period: Nov., 2014)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.22 mg/kg; 0.38 mg/kg; 2.86 mg/kg; 0.97 mg/kg; 0.40 mg/kg; 0.35 mg/kg; 0.74 mg/kg]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Sediment from the Yellow Sea in the Blue Economic Zone (n = 6; DF = 1; Sampling Period: Nov., 2014)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2.75 mg/kg; 0.62 mg/kg; 1.06 mg/kg; 0.45 mg/kg; 3.45 mg/kg; 3.68 mg/kg]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Sediment from the Bonhai Sea and the Yellow Sea (n = 20; DF = 1; Sampling Period: Nov., 2014)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.07 mg/kg; 3.63 mg/kg; 0.79 mg/kg; 0.51 mg/kg; 0.65 mg/kg; 1.21 mg/kg; 0.43 mg/kg; 1.13 mg/kg; 0.91 mg/kg; 1.07 mg/kg; 1.76 mg/kg; 0.92 mg/kg; 1.10 mg/kg; 0.95 mg/kg; 3.38 mg/kg; 0.50 mg/kg; 1.08 mg/kg; 0.33 mg/kg; 2.37 mg/kg; 0.52 mg/kg]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Zhang et al. 2018 <b>HERO ID:</b> 5433253 <i>OQD:</i> High	Eastern Coast of China, CN Scenario: Sediment (0-5cm) from Changjiang River Estuary and adjacent area (n = 17; DF = 0.94; Sampling Period: Mar., 2015)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [6.63 µg/g; 3.35 µg/g; 0.6 µg/g; 3.85 µg/g; 6.7 µg/g; 7.35 µg/g; 8.52 µg/g; 3.78 µg/g; 8.46 µg/g; 5.75 µg/g; 1.77 µg/g; 0.26 µg/g; 7.86 µg/g; 4.1 µg/g; ND µg/g; 3.77 µg/g; 8.55 µg/g]				
Wu et al. 2019 <b>HERO ID:</b> 5433502 <i>OQD:</i> High	Yuyao City, Zhejiang Province, CN Scenario: Sediment samples from downwind of a plastic market (n = 16; DF = 1; Sampling Period: May, 2017)	LOD: Not Reported LOQ: 1.9 ng/g	5442 ng/g	60771 ng/g	21991 ng/g (AM)	50th: 19570 ng/g;	NR
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area I: centre of disposed area, TW Scenario: Sediment (0-15 cm) from center of Kaohsiung Ocean Dredged Material Disposal Site - Area I, Site 6 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	3279 ng/g (AM)	NR	3944 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area I: centre of disposed area, TW Scenario: Sediment (0-15 cm) from center of Kaohsiung Ocean Dredged Material Disposal Site - Area I, Site 7 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	2363 ng/g (AM)	NR	1031 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area I: centre of disposed area, TW Scenario: Sediment (0-15 cm) from center of Kaohsiung Ocean Dredged Material Disposal Site - Area I, Site 8 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	3970 ng/g (AM)	NR	4842 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area I: centre of disposed area, TW Scenario: Sediment (0-15 cm) from center of Kaohsiung Ocean Dredged Material Disposal Site - Area I, Site 9 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	4247 ng/g (AM)	NR	1530 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area II: vertex angle of disposed area, TW Scenario: Sediment (0-15 cm) from vertex angle of Kaohsiung Ocean Dredged Material Disposal Site - Area II, Site 1 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	2183 ng/g (AM)	NR	1995 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area II: vertex angle of disposed area, TW Scenario: Sediment (0-15 cm) from vertex angle of Kaohsiung Ocean Dredged Material Disposal Site - Area II, Site 2 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	1973 ng/g (AM)	NR	1286 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area II: vertex angle of disposed area, TW Scenario: Sediment (0-15 cm) from vertex angle of Kaohsiung Ocean Dredged Material Disposal Site - Area II, Site 3 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	1802 ng/g (AM)	NR	982 ng/g (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area II: vertex angle of disposed area, TW Scenario: Sediment (0-15 cm) from vertex angle of Kaohsiung Ocean Dredged Material Disposal Site - Area II, Site 4 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	2451 ng/g (AM)	NR	1496 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area II: vertex angle of disposed area, TW Scenario: Sediment (0-15 cm) from vertex angle of Kaohsiung Ocean Dredged Material Disposal Site - Area II, Site 5 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	2280 ng/g (AM)	NR	2196 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area R: outer disposal site, TW Scenario: Sediment (0-15 cm) from outer of Kaohsiung Ocean Dredged Material Disposal Site - Area R, Site 10 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	1442 ng/g (AM)	NR	215 ng/g (ASD)
Chen et al. 2017 <b>HERO ID:</b> 5494792 <i>OQD:</i> Medium	Kaohsiung Ocean Dredged Material Disposal Site Taiwan; Area R: outer disposal site, TW Scenario: Sediment (0-15 cm) from outer of Kaohsiung Ocean Dredged Material Disposal Site - Area R, Site 11 (n = 44; DF = 1; Sampling Period: Mar., 2014 - Oct., 2014)	LOD: 3.8 ng/g LOQ: Not Reported	NR	NR	1031 ng/g (AM)	NR	808 ng/g (ASD)
Stachel et al. 2005 <b>HERO ID:</b> 5740077 <i>OQD:</i> Medium	Riesengebirge, Czech Republic; Cuxhaven, Federal Republic of Germany, CZ,DE Scenario: Upper sediment from 37 Elbe River and tributary sites (n = 37; DF = 1; Sampling Period: Sept., 2002)	LOD: Not Reported LOQ: Not Reported	1030 µg/kg	90480 µg/kg	NR	50th: 4390 µg/kg;	NR
Zhang et al. 2019 <b>HERO ID:</b> 5933853 <i>OQD:</i> High	East China Sea, CN Scenario: Sediment samples from East China Sea (n = 19; DF = 1; Sampling Period: Mar., 2017 - Apr., 2017)	LOD: 0.12-1.6 µg/kg LOQ: Not Reported	POINT VALUE(S): [3577 µg/kg; 3220 µg/kg; 721 µg/kg; 601 µg/kg; 751 µg/kg; 8341 µg/kg; 11599 µg/kg; 3847 µg/kg; 427 µg/kg; 11720 µg/kg; 419 µg/kg; 22160 µg/kg; 841 µg/kg; 3988 µg/kg; 4373 µg/kg; 4055 µg/kg; 582 µg/kg; 599 µg/kg; 750 µg/kg]				
Lee et al. 2020 <b>HERO ID:</b> 6815985 <i>OQD:</i> High	East Sea, South Sea, and Yellow Sea, Korea, KR Scenario: Surface sediment from Korea coastal regions (n = 50; DF = 1; Sampling Period: 2016)	LOD: Not Reported LOQ: 0.366 ng/g	1.00 ng/g	2740 ng/g	28.3 ng/g (AM)	50th: 141 ng/g;	NR
Nagorka et al. 2020 <b>HERO ID:</b> 6816080 <i>OQD:</i> High	Elbe with tributaries; Rhine; Saar; Danube, DE Scenario: SPM from 11 federal German waterway sites in 2005/06 (n = 11; DF = 1; Sampling Period: 2005 - 2006)	LOD: 43 ng/g LOQ: 130 ng/g	488 ng/g	6720 ng/g	2710 ng/g (AM)	50th: 1340 ng/g;	NR
Nagorka et al. 2020 <b>HERO ID:</b> 6816080 <i>OQD:</i> High	Elbe with tributaries; Rhine; Saar; Danube, DE Scenario: SPM from 13 federal German waterway sites in 2017 (n = 13; DF = 1; Sampling Period: 2017)	LOD: 43 ng/g LOQ: 130 ng/g	225 ng/g	2080 ng/g	991 ng/g (AM)	50th: 796 ng/g;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Zhang et al. 2020 <b>HERO ID:</b> 6957439 <i>OQD:</i> Medium	East China Sea, CN Scenario: Sediment samples from East China Sea - Summer (n = 56; DF = 1; Sampling Period: Jul., 2015)	LOD: 0.12-1.6 µg/kg LOQ: Not Reported	NR	NR	NR	NR	NR
Evenset et al. 2009 <b>HERO ID:</b> 6992056 <i>OQD:</i> Medium	Svalbard, NO Scenario: Sediment from Artic Ocean (Hopen area, Smeerenburgfjorden; Kongsfjorden and Liefdefjorden) (n = 5; DF = 0; Sampling Period: Summer, 2004 - Summer, 2008)	LOD: 60 ng/g LOQ: Not Reported	POINT VALUE(S): [ <LOD; <LOD; <LOD; <LOD; <LOD]				
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Surficial sediment (0.5-1.0cm) from False Creek Harbour - MEHP (n = 10; DF = 0; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 0.032 ng/g LOQ: 0.084 ng/g	NR	NR	ND	NR	NR
McConnell et al. 2007 <b>HERO ID:</b> 10365669 <i>OQD:</i> High	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Surficial sediment (0.5-1.0cm) from False Creek Harbour (n = 10; DF = 1; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 5.7 ng/g LOQ: 15 ng/g	NR	NR	310 ng/g (AM)	NR	1.3 ng/g (ASD)
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in sediment from Taiwan rivers - low/high flow average (n = 128; DF = NR; Sampling Period: Aug., 2004 - Apr., 2005)	LOD: 0.010 mg/kg LOQ: Not Reported	ND	46.5 mg/kg	2.6 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in sediment from Taiwan rivers - low-flow season (n = 64; DF = NR; Sampling Period: Mar., 2005 - Apr., 2005)	LOD: 0.010 mg/kg LOQ: Not Reported	ND	46.5 mg/kg	4.1 mg/kg (AM)	NR	NR
Huang et al. 2008 <b>HERO ID:</b> 675207 <i>OQD:</i> High	TW Scenario: Phthalate concentrations in sediment from Taiwan rivers - high-flow season (n = 64; DF = NR; Sampling Period: Aug., 2004 - Oct., 2004)	LOD: 0.010 mg/kg LOQ: Not Reported	ND	13.0 mg/kg	1.2 mg/kg (AM)	NR	NR
Björklund et al. 2009 <b>HERO ID:</b> 679890 <i>OQD:</i> Medium	Nybohov, Stockholm; Skarpnack, Stockholm; Garda, Goteborg, SE Scenario: Sediment chambers following storm events - Garda (n = 4; DF = 1; Sampling Period: Jun., 2006 - Oct., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [25.43 µg/g; 45.41 µg/g; 47.71 µg/g; 51.37 µg/g]				
Gasperi et al. 2009 <b>HERO ID:</b> 697727 <i>OQD:</i> Medium	City of Paris, Paris Region, FR Scenario: Sediment from Seine River near WWTP discharges and agricultural land use (n = 20; DF = 1; Sampling Period: Apr., 2007 - May, 2008)	LOD: Not Reported LOQ: 0.1 mg/kg	0.91 µg/L	26.6 µg/L	NR	50th: 5.1 µg/L;	NR
Lin et al. 2009 <b>HERO ID:</b> 698186 <i>OQD:</i> Medium	Southern Taiwan, TW Scenario: Sediment from the bottom surface of the Houjing River and it's branches. (n = 10; DF = 1; Sampling Period: Aug., 2005 - Dec., 2005)	LOD: Not Reported LOQ: Not Reported	0.1 mg/kg	20.22 mg/kg	NR	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Blair et al. 2009 <b>HERO ID:</b> 787951 ‡ <i>OQD:</i> Medium <i>MEHP</i>	Vancouver, British Columbia, CA Scenario: Sediment from False Creek, Vancouver (n = 10; DF = 1.0; Sampling Period: May, 2004 - Sept., 2006)	LOD: 0.01 ng/g LOQ: Not Reported	0.33 ng/g	0.84 ng/g	NR	NR	NR
Antizar-Ladislao et al. 2009 <b>HERO ID:</b> 1338995 <i>OQD:</i> High	Cantabria, northern Spain, ES Scenario: Shallow marine sediments from the coast of Cantabria, Spain. (n = 5; DF = 1; Sampling Period: Jul., 2007 - Sept., 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	50th: 0.52 ng/g;	NR
de Los Ríos et al. 2012 <b>HERO ID:</b> 1401402 <i>OQD:</i> Medium	Cantabria, northern Spain, ES Scenario: Sediment from the control site in Cantabria, Spain. (n = 3; DF = 1; Sampling Period: May, 2007 - Aug., 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	4.81 µg/L (AM)	NR	3.21 µg/L (ASD)
de Los Ríos et al. 2012 <b>HERO ID:</b> 1401402 <i>OQD:</i> Medium	Cantabria, northern Spain, ES Scenario: Sediment from the outfall in Cantabria, Spain. (n = 3; DF = 1; Sampling Period: May, 2007 - Aug., 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	11.67 µg/L (AM)	NR	3.06 µg/L (ASD)
Chen et al. 2013 <b>HERO ID:</b> 2002284 <i>OQD:</i> High	Kaohsiung Harbor, TW Scenario: Surface sediments collected from 20 locations in Kaohsiung Harbor in the wet season. (n = 20; DF = 1; Sampling Period: Mar., 2006 - Oct., 2006)	LOD: 0.004 to 0.008 mg/kg LOQ: 0.013 to 0.027 mg/kg	0.4 mg/kg	16.8 mg/kg	2.59 mg/kg (AM)	NR	3.09 mg/kg (ASD)
Chen et al. 2013 <b>HERO ID:</b> 2002284 <i>OQD:</i> High	Kaohsiung Harbor, TW Scenario: Surface sediments collected from 20 locations in Kaohsiung Harbor in the dry season. (n = 20; DF = 1; Sampling Period: Mar., 2006 - Oct., 2006)	LOD: 0.004 to 0.008 mg/kg LOQ: 0.013 to 0.027 mg/kg	1.13 mg/kg	34.8 mg/kg	7.2 mg/kg (AM)	NR	7.2 mg/kg (ASD)
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Roinville, FR Scenario: Sediment from Orge River at Roinville (n = 2; DF = NR; Sampling Period: Sept., 2008)	LOD: 15.0 pg/L LOQ: Not Reported	NR	NR	62.0 ng/g (AM)	NR	NR
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Viry-Chatillon, FR Scenario: Sediment from Orge River at Viry-Chatillon (n = 2; DF = NR; Sampling Period: Oct., 2009)	LOD: 15.0 pg/L LOQ: Not Reported	NR	NR	983.0 ng/g (AM)	NR	NR
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Marnay-sur-Seine, FR Scenario: Sediment from Seine River at Marnay-sur-Seine (n = 2; DF = NR; Sampling Period: Aug., 2009)	LOD: 15.0 pg/L LOQ: Not Reported	NR	NR	82.0 ng/g (AM)	NR	NR
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Epinay-sur-Seine, FR Scenario: Sediment from Seine River at Epinay-sur-Seine (n = 2; DF = NR; Sampling Period: Aug., 2008)	LOD: 15.0 pg/L LOQ: Not Reported	NR	NR	2152.0 ng/g (AM)	NR	NR
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Triel-sur-Seine, FR Scenario: Sediment from Seine River at Triel-sur-Seine (n = 2; DF = NR; Sampling Period: Nov., 2009)	LOD: 15.0 pg/L LOQ: Not Reported	NR	NR	16546.0 ng/g (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Arriluce Harbor (PA), ES Scenario: Sediment at Arriluce Harbor (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	8.6 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Industry Discharge Site (FE), ES Scenario: Sediment at Industry Discharge Site (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	48.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Plenzia (PL), ES Scenario: Sediment at Plenzia (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	18.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Santander Harbor (PS), ES Scenario: Sediment at Santander Harbor (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	418.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	WWTP Discharge (GA), ES Scenario: Sediment at WWTP Discharge (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	256.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	San Vicente de la Barqueira (SV), ES Scenario: Sediment at San Vicente de la Barqueir (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	36.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Virgen del Mar (VM), ES Scenario: Sediment at Virgen del Mar (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	32.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Urdaibai (UR), ES Scenario: Sediment at Urdaibai (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	69.0 ng/g (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Berria (BE), ES Scenario: Sediment at Berria (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	170.0 ng/g (AM)	NR	NR
Mackintosh et al. 2006 <b>HERO ID:</b> 2158899 <i>OQD:</i> High	Vancouver, CA Scenario: Bottom sediment samples (n = 17; DF = 1.00; Sampling Period: 2006)	LOD: 24 ng/g LOQ: Not Reported	1130.0 ng/g	3870.0 ng/g	2090.0 ng/g (GM)	NR	NR
Mackintosh et al. 2006 <b>HERO ID:</b> 2158899 <i>OQD:</i> High	Vancouver, CA Scenario: Suspended sediment samples (n = 17; DF = 0.24; Sampling Period: 2006)	LOD: 24 ng/g LOQ: Not Reported	7350.0 ng/g	136000.0 ng/g	31900.0 ng/g (GM)	NR	NR
Stewart et al. 2014 <b>HERO ID:</b> 2215424 <i>OQD:</i> High	Auckland, NZ Scenario: Estuarine sediments from Meola in Auckland, New Zealand. (n = 1; DF = 1; Sampling Period: Mar., 2008)	LOD: Not Reported LOQ: 600 ng/g	Point Value: 2100.0 ng/g				

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Table 11 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Stewart et al. 2014 <b>HERO ID:</b> 2215424 <i>OQD:</i> High	Auckland, NZ Scenario: Estuarine sediments from Puketutu Island in Auckland, New Zealand. (n = 2; DF = 1; Sampling Period: Mar., 2008)	LOD: Not Reported LOQ: 600 ng/g	NR	NR	3150.0 ng/g (AM)	NR	800.0 ng/g (SE)
Stewart et al. 2014 <b>HERO ID:</b> 2215424 <i>OQD:</i> High	Auckland, NZ Scenario: Estuarine sediments from Hobson Bay in Auckland, New Zealand. (n = 2; DF = 1; Sampling Period: Mar., 2008)	LOD: Not Reported LOQ: 600 ng/g	NR	NR	4800.0 ng/g (AM)	NR	0.0 ng/g (SE)
Stewart et al. 2014 <b>HERO ID:</b> 2215424 <i>OQD:</i> High	Auckland, NZ Scenario: Estuarine sediments from Milford Marina in Auckland, New Zealand. (n = 2; DF = 1; Sampling Period: Mar., 2008)	LOD: Not Reported LOQ: 600 ng/g	NR	NR	11500.0 ng/g (AM)	NR	500.0 ng/g (SE)
Yang et al. 2015 <b>HERO ID:</b> 2816375 <i>OQD:</i> High	The Dianbao River, Southern Taiwan, TW Scenario: Sediment samples collected during the dry season along the Dianbao River (n = 30; DF = 1; Sampling Period: Oct., 2011 - Sept., 2012)	LOD: 1 µg/kg LOQ: Not Reported	NR	NR	484.0 µg/kg (AM)	NR	1062.0 µg/kg (ASD)
Yang et al. 2015 <b>HERO ID:</b> 2816375 <i>OQD:</i> High	The Dianbao River, Southern Taiwan, TW Scenario: Sediment samples collected during the rainy season along the Dianbao River (n = 5; DF = 1; Sampling Period: Oct., 2011 - Sept., 2012)	LOD: 1 µg/kg LOQ: Not Reported	NR	NR	4643.0 µg/kg (AM)	NR	1948.0 µg/kg (ASD)
Yang et al. 2015 <b>HERO ID:</b> 2816375 <i>OQD:</i> High	The Dianbao River, Southern Taiwan, TW Scenario: Sediment samples collected during throughout the year off the Jiaosu Bridge (n = 7; DF = 1; Sampling Period: Oct., 2011 - Sept., 2012)	LOD: 1 µg/kg LOQ: Not Reported	NR	NR	1949.0 µg/kg (AM)	NR	2719.0 µg/kg (ASD)
Yang et al. 2015 <b>HERO ID:</b> 2816375 <i>OQD:</i> High	The Dianbao River, Southern Taiwan, TW Scenario: Sediment samples collected during throughout the year off the Shengxing Bridge (n = 7; DF = 1; Sampling Period: Oct., 2011 - Sept., 2012)	LOD: 1 µg/kg LOQ: Not Reported	NR	NR	494.0 µg/kg (AM)	NR	811.0 µg/kg (ASD)
Yang et al. 2015 <b>HERO ID:</b> 2816375 <i>OQD:</i> High	The Dianbao River, Southern Taiwan, TW Scenario: Sediment samples collected during throughout the year off the Zhongqi Bridge (n = 7; DF = 1; Sampling Period: Oct., 2011 - Sept., 2012)	LOD: 1 µg/kg LOQ: Not Reported	NR	NR	1277.0 µg/kg (AM)	NR	2463.0 µg/kg (ASD)
Yang et al. 2015 <b>HERO ID:</b> 2816375 <i>OQD:</i> High	The Dianbao River, Southern Taiwan, TW Scenario: Sediment samples collected during throughout the year off the Wulilin Bridge (n = 7; DF = 1; Sampling Period: Oct., 2011 - Sept., 2012)	LOD: 1 µg/kg LOQ: Not Reported	NR	NR	751.0 µg/kg (AM)	NR	1085.0 µg/kg (ASD)
Yang et al. 2015 <b>HERO ID:</b> 2816375 <i>OQD:</i> High	The Dianbao River, Southern Taiwan, TW Scenario: Sediment samples collected during throughout the year off the Yanpu Bridge (n = 7; DF = 1; Sampling Period: Oct., 2011 - Sept., 2012)	LOD: 1 µg/kg LOQ: Not Reported	NR	NR	919.0 µg/kg (AM)	NR	1885.0 µg/kg (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Net et al. 2015 <b>HERO ID:</b> 3012380 <i>OQD:</i> Medium	Zingem, Scheldt basin, BE Scenario: Sediment from watercourse in the cross-boarder of Northern France-Belgium (n = Not Reported; DF = NR; Sampling Period: Jul., 2014 - Oct., 2014)	LOD: Not Reported LOQ: 1.25 $\mu\text{g/kg}$	NR	NR	5.0 $\mu\text{g/g}$ (AM)	NR	0.05 $\mu\text{g/g}$ (ASD)
Net et al. 2015 <b>HERO ID:</b> 3012380 <i>OQD:</i> Medium	Zingem, Scheldt basin, BE Scenario: Suspended solid matter from watercourse in the cross-boarder of Northern France-Belgium (n = Not Reported; DF = NR; Sampling Period: Jul., 2014 - Oct., 2014)	LOD: Not Reported LOQ: 0.4 $\mu\text{g/kg}$	NR	NR	176.9 $\mu\text{g/g}$ (AM)	NR	17.7 $\mu\text{g/g}$ (ASD)

\* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

‡ Data extraction results are for metabolite concentrations.

Table 12: Data Extraction Tables of Exposure Monitoring Studies for Soil

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Zeng et al. 2008 <b>HERO ID:</b> 680472 <i>OQD:</i> Medium	Guangzhou, Guangdong province, CN Scenario: Agricultural soil in peri-urban area - Baiyun (n = 6; DF = 1; Sampling Period: Jul., 2006)	LOD: 1 pg LOQ: 9 pg	0.21 $\mu\text{g/g}$	2.23 $\mu\text{g/g}$	0.610 $\mu\text{g/g}$ (GM)	50th: 0.282 $\mu\text{g/g}$ ;	NR
Zeng et al. 2008 <b>HERO ID:</b> 680472 <i>OQD:</i> Medium	Guangzhou, Guangdong province, CN Scenario: Agricultural soil in peri-urban area - Liwan (n = 8; DF = 1; Sampling Period: Jul., 2006)	LOD: 1 pg LOQ: 9 pg	0.18 $\mu\text{g/g}$	29.37 $\mu\text{g/g}$	4.09 $\mu\text{g/g}$ (GM)	50th: 0.308 $\mu\text{g/g}$ ;	NR
Zeng et al. 2008 <b>HERO ID:</b> 680472 <i>OQD:</i> Medium	Guangzhou, Guangdong province, CN Scenario: Agricultural soil in peri-urban area - Tianhe (n = 12; DF = 1; Sampling Period: Jul., 2006)	LOD: 1 pg LOQ: 9 pg	0.107 $\mu\text{g/g}$	1.66 $\mu\text{g/g}$	0.597 $\mu\text{g/g}$ (GM)	50th: 0.529 $\mu\text{g/g}$ ;	NR
Zeng et al. 2008 <b>HERO ID:</b> 680472 <i>OQD:</i> Medium	Guangzhou, Guangdong province, CN Scenario: Agricultural soil in peri-urban area - Haizhu (n = 4; DF = 1; Sampling Period: Jul., 2006)	LOD: 1 pg LOQ: 9 pg	1.34 $\mu\text{g/g}$	6.40 $\mu\text{g/g}$	2.75 $\mu\text{g/g}$ (GM)	50th: 1.62 $\mu\text{g/g}$ ;	NR
Zeng et al. 2008 <b>HERO ID:</b> 680472 <i>OQD:</i> Medium	Guangzhou, Guangdong province, CN Scenario: Agricultural soil in peri-urban area - Panyu (n = 10; DF = 1; Sampling Period: Jul., 2006)	LOD: 1 pg LOQ: 9 pg	0.118 $\mu\text{g/g}$	1.69 $\mu\text{g/g}$	0.729 $\mu\text{g/g}$ (GM)	50th: 0.512 $\mu\text{g/g}$ ;	NR
Zeng et al. 2009 <b>HERO ID:</b> 680473 <i>OQD:</i> High	Guangzhou City, CN Scenario: Urban soil along roadsides in Guangzhou City - DEHP (n = 17; DF = 1.0; Sampling Period: Dec., 2005)	LOD: Not Reported LOQ: Not Reported	1.41 $\mu\text{g/g}$	264 $\mu\text{g/g}$	63.2 $\mu\text{g/g}$ (AM)	50th: 31.9 $\mu\text{g/g}$ ;	74.3 $\mu\text{g/g}$ (ASD)
Zeng et al. 2009 <b>HERO ID:</b> 680473 <i>OQD:</i> High	Guangzhou City, CN Scenario: Urban soil in resident areas of Guangzhou City - DEHP (n = 13; DF = 1.0; Sampling Period: Dec., 2005)	LOD: Not Reported LOQ: Not Reported	1.40 $\mu\text{g/g}$	97.2 $\mu\text{g/g}$	16.1 $\mu\text{g/g}$ (AM)	50th: 9.22 $\mu\text{g/g}$ ;	25.2 $\mu\text{g/g}$ (ASD)
Zeng et al. 2009 <b>HERO ID:</b> 680473 <i>OQD:</i> High	Guangzhou City, CN Scenario: Urban soil in Guangzhou City parks- DEHP (n = 7; DF = 1.0; Sampling Period: Dec., 2005)	LOD: Not Reported LOQ: Not Reported	0.892 $\mu\text{g/g}$	154 $\mu\text{g/g}$	29.4 $\mu\text{g/g}$ (AM)	50th: 10.4 $\mu\text{g/g}$ ;	55.5 $\mu\text{g/g}$ (ASD)
González et al. 2010 <b>HERO ID:</b> 697359 <i>OQD:</i> High	Seville, ES Scenario: Compost from from composting site in Spain (n = 3; DF = 1; Sampling Period: Dec., 2008 - Feb., 2009)	LOD: 0.78 mg/kg LOQ: 1.18 mg/kg	1.18 mg/kg	15.0 mg/kg	2.48 mg/kg (AM)	NR	0.6 mg/kg (ASD)
González et al. 2010 <b>HERO ID:</b> 697359 <i>OQD:</i> High	Seville, ES Scenario: Compost-amended soil from from composting site in Spain (n = 3; DF = 1; Sampling Period: Dec., 2008 - Feb., 2009)	LOD: 0.03 mg/kg LOQ: 0.10 mg/kg	0.10 mg/kg	NR	0.62 mg/kg (AM)	NR	0.28 mg/kg (ASD)
Liu et al. 2010 <b>HERO ID:</b> 697396 <i>OQD:</i> Medium	Hubei Province, CN Scenario: Topsoil of JiangHan Plain - Summer (n = 9; DF = 1.0; Sampling Period: Jul., 2007)	LOD: 22-341 ng/L LOQ: Not Reported	72.0 ng/g	511.9 ng/g	222.8 ng/g (GM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Liu et al. 2010 <b>HERO ID:</b> 697396 <i>OQD:</i> Medium	Hubei Province, CN Scenario: Topsoil of JiangHan Plain - Winter (n = 17; DF = 1.0; Sampling Period: Jan., 2008)	LOD: 22-341 ng/L LOQ: Not Reported	8.6 ng/g	595.8 ng/g	385.6 ng/g (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: Uncultured soil from preserved cattle grazing area (n = 20; DF = NR; Sampling Period: Oct., 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	16 μg/kg (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: 40-year ecologically cultured soil with some use of artificial fertilizer (n = 20; DF = NR; Sampling Period: Oct., 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	25 μg/kg (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: 5-year ecologically cultured soil using manure from local livestock (n = 20; DF = NR; Sampling Period: Oct., 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	12 μg/kg (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: Conventionally cultured and artificially fertilized soil with calcium ammonium nitrate and NPK (n = 20; DF = NR; Sampling Period: Oct., 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	40 μg/kg (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: Conventionally cultured low sludge amended soil from WWTP and cow manure (n = 20; DF = NR; Sampling Period: Oct., 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	12 μg/kg (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: Conventionally cultured normal sludge amended soil from WWTP (n = 20; DF = NR; Sampling Period: Oct., 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	38 μg/kg (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: 25-year high sludge amended followed by 6-year conventional cultured and artificially fertilized soil - 1996 (n = 20; DF = NR; Sampling Period: Oct., 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	1110 μg/kg (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: 25-year high sludge amended followed by 6-year conventional cultured and artificially fertilized soil - 1998 (n = 20; DF = NR; Sampling Period: Nov., 1998)	LOD: Not Reported LOQ: Not Reported	NR	NR	1900 μg/kg (GM)	NR	NR
Vikelsøe et al. 2002 <b>HERO ID:</b> 789658 <i>OQD:</i> Medium	Roskilde, Lille Valby, DK Scenario: Runoff soil from uncultured cattle grazing meadow receiving surface run-off from sludge storage facility (n = 20; DF = NR; Sampling Period: Oct., 1996)	LOD: Not Reported LOQ: Not Reported	NR	NR	158 μg/kg (GM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Jang et al. 2001 <b>HERO ID:</b> 789748 <i>OQD:</i> Medium	Florida, US Scenario: Recovered soil fines from Site A, Trip 1 (n = 12; DF = 0.917; Sampling Period: 2001)	LOD: 0.3 mg/kg LOQ: Not Reported	1.3 mg/kg	40.0 mg/kg	NR	NR	NR
Jang et al. 2001 <b>HERO ID:</b> 789748 <i>OQD:</i> Medium	Florida, US Scenario: Recovered soil fines from Site B, Trip 1 (n = 5; DF = 0.8; Sampling Period: 2001)	LOD: 0.3 mg/kg LOQ: Not Reported	1.6 mg/kg	16.4 mg/kg	NR	NR	NR
Jang et al. 2001 <b>HERO ID:</b> 789748 <i>OQD:</i> Medium	Florida, US Scenario: Recovered soil fines from Site C, Trip 1 (n = 6; DF = 0.5; Sampling Period: 2001)	LOD: 0.3 mg/kg LOQ: Not Reported	2.6 mg/kg	7.7 mg/kg	NR	NR	NR
Jang et al. 2001 <b>HERO ID:</b> 789748 <i>OQD:</i> Medium	Florida, US Scenario: Recovered soil fines from 12 Sites, Trip 3 (n = 12; DF = 0.833; Sampling Period: 2001)	LOD: 0.3 mg/kg LOQ: Not Reported	1.1 mg/kg	38.4 mg/kg	NR	NR	NR
Jang et al. 2001 <b>HERO ID:</b> 789748 <i>OQD:</i> Medium	Florida, US Scenario: Recovered soil fines from Site D, Trip 5 (n = 6; DF = 1; Sampling Period: 2001)	LOD: 0.3 mg/kg LOQ: Not Reported	9.8 mg/kg	46.6 mg/kg	NR	NR	NR
Kirchmann et al. 1991 <b>HERO ID:</b> 1333321 <i>OQD:</i> Low	Vadstena, SE Scenario: Untreated soil samples (n = 3; DF = 0; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR
Ma et al. 2013 <b>HERO ID:</b> 1597686 <i>OQD:</i> Medium	Zhejiang province, CN Scenario: Soil from control fallow with no plants present near an e-waste site (n = 5; DF = NR; Sampling Period: Winter, 2010)	LOD: 68-135 µg/g LOQ: Not Reported	NR	NR	2139.76 µg/kg (AM)	NR	NR
Ma et al. 2013 <b>HERO ID:</b> 1597686 <i>OQD:</i> Medium	Zhejiang province, CN Scenario: Soil from vegetable plots near an e-waste site (n = 5; DF = NR; Sampling Period: Winter, 2010)	LOD: 68-135 µg/g LOQ: Not Reported	NR	NR	231.32 µg/kg (AM)	NR	NR
Ma et al. 2013 <b>HERO ID:</b> 1597686 <i>OQD:</i> Medium	Zhejiang province, CN Scenario: Green manure planted by broadcast sowing near an e-waste site (n = 5; DF = NR; Sampling Period: Winter, 2010)	LOD: 68-135 µg/g LOQ: Not Reported	NR	NR	395.18 µg/kg (AM)	NR	NR
Ma et al. 2013 <b>HERO ID:</b> 1597686 <i>OQD:</i> Medium	Zhejiang province, CN Scenario: Green manure planted by drilling near an e-waste site (n = 5; DF = NR; Sampling Period: Winter, 2010)	LOD: 68-135 µg/g LOQ: Not Reported	NR	NR	462.65 µg/kg (AM)	NR	NR
Ma et al. 2013 <b>HERO ID:</b> 1597686 <i>OQD:</i> Medium	Zhejiang province, CN Scenario: Unplanted fallow with long-term flooding near an e-waste site (n = 5; DF = NR; Sampling Period: Winter, 2010)	LOD: 68-135 µg/g LOQ: Not Reported	NR	NR	1995.18 µg/kg (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ma et al. 2013 <b>HERO ID:</b> 1597686 <i>OQD:</i> Medium	Zhejiang province, CN Scenario: Unplanted fallow with alternate wet and dry conditions near an e-waste site (n = 5; DF = NR; Sampling Period: Winter, 2010)	LOD: 68-135 $\mu\text{g/g}$ LOQ: Not Reported	NR	NR	1474.70 $\mu\text{g/kg}$ (AM)	NR	NR
Plaza-Bolaños et al. 2012 <b>HERO ID:</b> 1597802 <i>OQD:</i> Medium	Almería province, ES Scenario: Topsoil from plastic-based greenhouses working under integrated pest management programs (n = 38; DF = 0.50; Sampling Period: 2012)	LOD: Not Reported LOQ: 50 $\mu\text{g/kg}$	1000 $\mu\text{g/kg}$	63000 $\mu\text{g/kg}$	18000 $\mu\text{g/kg}$ (AM)	NR	18000 $\mu\text{g/kg}$ (ASD)
Hongjun et al. 2013 <b>HERO ID:</b> 1639226 <i>OQD:</i> High	Binzhou City, CN Scenario: Topsoil from urban area in Bincheng District (n = 17; DF = 1; Sampling Period: Sept., 2009)	LOD: Not Reported LOQ: Not Reported	1.465 $\mu\text{g/g}$	6.320 $\mu\text{g/g}$	3.399 $\mu\text{g/g}$ (AM)	50th: 3.200 $\mu\text{g/g}$ ;	0.323 $\mu\text{g/g}$ (ASD)
Hongjun et al. 2013 <b>HERO ID:</b> 1639226 <i>OQD:</i> High	Binzhou City, CN Scenario: Topsoil from suburban area in Bincheng District (n = 28; DF = 1; Sampling Period: Sept., 2009)	LOD: Not Reported LOQ: Not Reported	0.710 $\mu\text{g/g}$	4.473 $\mu\text{g/g}$	2.701 $\mu\text{g/g}$ (AM)	50th: 1.442 $\mu\text{g/g}$ ;	0.172 $\mu\text{g/g}$ (ASD)
Hongjun et al. 2013 <b>HERO ID:</b> 1639226 <i>OQD:</i> High	Binzhou City, CN Scenario: Topsoil from rural area in Bincheng District (n = 37; DF = 1; Sampling Period: Sept., 2009)	LOD: Not Reported LOQ: Not Reported	0.431 $\mu\text{g/g}$	2.449 $\mu\text{g/g}$	1.224 $\mu\text{g/g}$ (AM)	50th: 1.128 $\mu\text{g/g}$ ;	0.105 $\mu\text{g/g}$ (ASD)
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Glensaugh, Laurencekirk, GB Scenario: (Autumn) Control plots prior to application at Glensaugh - Study 1 (n = 3; DF = NR; Sampling Period: Fall, 2009)	LOD: 50 $\mu\text{g/kg}$ LOQ: Not Reported	NR	NR	61.1 $\mu\text{g/kg}$ (AM)	NR	7.27 $\mu\text{g/kg}$ (ASD)
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Glensaugh, Laurencekirk, GB Scenario: (Autumn) Treatment plots prior to application at Glensaugh - Study 1 (n = 3; DF = NR; Sampling Period: Fall, 2009)	LOD: 50 $\mu\text{g/kg}$ LOQ: Not Reported	NR	NR	66.8 $\mu\text{g/kg}$ (AM)	NR	25.6 $\mu\text{g/kg}$ (ASD)
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Glensaugh, Laurencekirk, GB Scenario: (Spring) Control plots prior to application at Glensaugh - Study 1 (n = 1; DF = NR; Sampling Period: Spring, 2010)	LOD: 50 $\mu\text{g/kg}$ LOQ: Not Reported	POINT VALUE(S): [84.3 $\mu\text{g/kg}$ ]				
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Glensaugh, Laurencekirk, GB Scenario: (Spring) Treatment plots prior to application at Glensaugh - Study 1 (n = 3; DF = NR; Sampling Period: Spring, 2010)	LOD: 50 $\mu\text{g/kg}$ LOQ: Not Reported	NR	NR	85.0 $\mu\text{g/kg}$ (AM)	NR	71.8 $\mu\text{g/kg}$ (ASD)
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Glensaugh, Laurencekirk, GB Scenario: (Autumn) Control plots in first 10 weeks after application at Glensaugh - Study 1 (n = 20; DF = >0.45; Sampling Period: Sept., 2009 - Nov., 2009)	LOD: 50 $\mu\text{g/kg}$ LOQ: Not Reported	NR	NR	33.1 $\mu\text{g/kg}$ (AM)	NR	NR

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Table 12 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Glensaugh, Laurencekirk, GB Scenario: (Autumn) Treatment plots in first 10 weeks after application at Glensaugh - Study 1 (n = 20; DF = >0.45; Sampling Period: Sept., 2009 - Nov., 2009)	LOD: 50 µg/kg LOQ: Not Reported	NR	NR	79.4 µg/kg (AM)	NR	NR
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Glensaugh, Laurencekirk, GB Scenario: (Spring) Control plots in first 10 weeks after application at Glensaugh - Study 1 (n = 20; DF = >0.45; Sampling Period: Mar., 2010 - May, 2010)	LOD: 50 µg/kg LOQ: Not Reported	NR	NR	52.5 µg/kg (AM)	NR	NR
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Glensaugh, Laurencekirk, GB Scenario: (Spring) Treatment plots in first 10 weeks after application at Glensaugh - Study 1 (n = 20; DF = >0.45; Sampling Period: Mar., 2010 - May, 2010)	LOD: 50 µg/kg LOQ: Not Reported	NR	NR	74.1 µg/kg (AM)	NR	NR
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Hartwood, Lanarkshire, GB Scenario: Long term control plot at Hartwood - Study 2 (n = 40; DF = >0.45; Sampling Period: Aug., 2009 - Aug., 2010)	LOD: 50 µg/kg LOQ: Not Reported	NR	NR	56.2 µg/kg (AM)	NR	NR
Rhind et al. 2013 <b>HERO ID:</b> 2149688 <i>OQD:</i> High	Hartwood, Lanarkshire, GB Scenario: Long term treatment plot at Hartwood - Study 2 (n = 40; DF = >0.45; Sampling Period: Aug., 2009 - Aug., 2010)	LOD: 50 µg/kg LOQ: Not Reported	NR	NR	219 µg/kg (AM)	NR	NR
Kong et al. 2012 <b>HERO ID:</b> 2518980 <i>OQD:</i> High	Tianjin City, CN Scenario: Soil from suburban farmland (n = 52; DF = 1.00; Sampling Period: Nov., 2009)	LOD: Not Reported LOQ: Not Reported	0.039 µg/g	2.37 µg/g	0.264 µg/g (AM)	50th: 0.123 µg/g;	0.400 µg/g (ASD)
Kong et al. 2012 <b>HERO ID:</b> 2518980 <i>OQD:</i> High	Tianjin City, CN Scenario: Soil from suburban vegetable soil (n = 13; DF = 1.00; Sampling Period: Nov., 2009)	LOD: Not Reported LOQ: Not Reported	0.028 µg/g	4.17 µg/g	0.618 µg/g (AM)	50th: 0.099 µg/g;	1.26 µg/g (ASD)
Kong et al. 2012 <b>HERO ID:</b> 2518980 <i>OQD:</i> High	Tianjin City, CN Scenario: Soil from suburban orchard (n = 13; DF = 1.00; Sampling Period: Nov., 2009)	LOD: Not Reported LOQ: Not Reported	0.026 µg/g	0.358 µg/g	0.152 µg/g (AM)	50th: 0.138 µg/g;	0.093 µg/g (ASD)
Kong et al. 2012 <b>HERO ID:</b> 2518980 <i>OQD:</i> High	Tianjin City, CN Scenario: Soil from suburban wasteland (n = 7; DF = 1.00; Sampling Period: Nov., 2009)	LOD: Not Reported LOQ: Not Reported	0.051 µg/g	0.494 µg/g	0.192 µg/g (AM)	50th: 0.106 µg/g;	0.166 µg/g (ASD)
Niu et al. 2014 <b>HERO ID:</b> 2519080 <i>OQD:</i> High	31 Provinces, CN Scenario: Soils from agriculture fields in China (n = 123; DF = 0.98; Sampling Period: Apr., 2013 - May, 2013)	LOD: 0.008-0.295 µg/kg LOQ: Not Reported	ND	6218 µg/kg	821 µg/kg (AM)	50th: 562 µg/kg;	92.1 % (CV)

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Table 12 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Wu et al. 2015 <b>HERO ID:</b> 2804032 <i>OQD:</i> Medium	Xiangyang, China, CN Scenario: Surface soil from a residential area near an electronics factory (n = 46; DF = NR; Sampling Period: Dec., 2013)	LOD: 0.04 mg/kg LOQ: Not Reported	3.34 mg/kg	120.2 mg/kg	26 mg/kg (AM)	50th: 17.27 mg/kg;	25.9 mg/kg (ASD)
Wu et al. 2015 <b>HERO ID:</b> 2804032 <i>OQD:</i> Medium	Xiangyang, China, CN Scenario: Surface soil from the roadside near an electronics factory (n = 33; DF = NR; Sampling Period: Dec., 2013)	LOD: 0.04 mg/kg LOQ: Not Reported	3.4 mg/kg	132.1 mg/kg	31 mg/kg (AM)	50th: 25 mg/kg;	27.4 mg/kg (ASD)
Wu et al. 2015 <b>HERO ID:</b> 2804032 <i>OQD:</i> Medium	Xiangyang, China, CN Scenario: Surface soil from a farmland near an electronics factory (n = 32; DF = NR; Sampling Period: Dec., 2013)	LOD: 0.04 mg/kg LOQ: Not Reported	4.21 mg/kg	153.2 mg/kg	16.61 mg/kg (AM)	50th: 12.20 mg/kg;	25.7 mg/kg (ASD)
Wu et al. 2015 <b>HERO ID:</b> 2804032 <i>OQD:</i> Medium	Xiangyang, China, CN Scenario: Surface soil from a non-cultivated field near an electronics factory (n = 31; DF = NR; Sampling Period: Dec., 2013)	LOD: 0.04 mg/kg LOQ: Not Reported	2.24 mg/kg	26.31 mg/kg	11.5 mg/kg (AM)	NR	12.11 mg/kg (ASD)
Wu et al. 2015 <b>HERO ID:</b> 2804032 <i>OQD:</i> Medium	Xiangyang, China, CN Scenario: Surface soil from a residential area near a non-industrial area (n = 44; DF = NR; Sampling Period: Dec., 2013)	LOD: 0.04 mg/kg LOQ: Not Reported	0.59 mg/kg	42.04 mg/kg	11.12 mg/kg (AM)	50th: 2.36 mg/kg;	13.32 mg/kg (ASD)
Wu et al. 2015 <b>HERO ID:</b> 2804032 <i>OQD:</i> Medium	Xiangyang, China, CN Scenario: Surface soil from the roadside near a non-industrial area (n = 36; DF = NR; Sampling Period: Dec., 2013)	LOD: 0.04 mg/kg LOQ: Not Reported	0.36 mg/kg	35.04 mg/kg	14.50 mg/kg (AM)	50th: 10.5 mg/kg;	10.20 mg/kg (ASD)
Wu et al. 2015 <b>HERO ID:</b> 2804032 <i>OQD:</i> Medium	Xiangyang, China, CN Scenario: Surface soil from the farmland near a non-industrial area (n = 32; DF = NR; Sampling Period: Dec., 2013)	LOD: 0.04 mg/kg LOQ: Not Reported	3.26 mg/kg	153.4 mg/kg	16.59 mg/kg (AM)	50th: 12.21 mg/kg;	25.74 mg/kg (ASD)
Wu et al. 2015 <b>HERO ID:</b> 2804032 <i>OQD:</i> Medium	Xiangyang, China, CN Scenario: Surface soil from non-cultivated fields near non-industrial area (n = 33; DF = NR; Sampling Period: Dec., 2013)	LOD: 0.04 mg/kg LOQ: Not Reported	4.2 mg/kg	26.31 mg/kg	11.4 mg/kg (AM)	50th: 12.07 mg/kg;	5.83 mg/kg (ASD)
Zhang et al. 2015 <b>HERO ID:</b> 2804035 <i>OQD:</i> Medium	HeiLongjiang, JiLin, LiaoNing Provinces, CN Scenario: Soil from greenhouse in China (Spring) (n = 27; DF = 1.0; Sampling Period: Spring, 2013)	LOD: 0.79 µg/kg LOQ: Not Reported	0.517 mg/kg	1.386 mg/kg	0.898 mg/kg (AM)	50th: 0.903 mg/kg;	0.079 mg/kg (ASD)
Zhang et al. 2015 <b>HERO ID:</b> 2804035 <i>OQD:</i> Medium	HeiLongjiang, JiLin, LiaoNing Provinces, CN Scenario: Soil from greenhouse in China (Summer) (n = 27; DF = 1.0; Sampling Period: Summer, 2013)	LOD: 0.79 µg/kg LOQ: Not Reported	0.719 mg/kg	2.121 mg/kg	1.471 mg/kg (AM)	50th: 1.345 mg/kg;	0.212 mg/kg (ASD)

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Table 12 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Zhang et al. 2015 <b>HERO ID:</b> 2804035 <i>OQD:</i> Medium	HeiLongjiang, JiLin, LiaoNing Provinces, CN Scenario: Soil from greenhouse in China (Autumn) (n = 27; DF = 1.0; Sampling Period: Fall, 2013)	LOD: 0.79 $\mu\text{g/kg}$ LOQ: Not Reported	0.565 $\text{mg/kg}$	1.862 $\text{mg/kg}$	0.995 $\text{mg/kg}$ (AM)	50th: 0.796 $\text{mg/kg}$ ;	0.17 $\text{mg/kg}$ (ASD)
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Agricultural soil in rural area of Fontenay-les-Briis, no amendments (0-20cm depth) (n = 1; DF = 1; Sampling Period: Oct., 2010)	LOD: 1.5 $\text{pg/g}$ LOQ: Not Reported	POINT VALUE(S): [33.1 $\mu\text{g/kg}$ ]				
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Agricultural soil in rural area of Fontenay-les-Briis, treated with sludge (0-20cm depth) (n = 4; DF = 1; Sampling Period: Mar., 2011 - Sept., 2011)	LOD: 1.5 $\text{pg/g}$ LOQ: Not Reported	NR	NR	158.6 $\mu\text{g/kg}$ (AM)	NR	82.18 $\mu\text{g/kg}$ (ASD)
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Agricultural soil in rural area of Fontenay-les-Briis, treated with sludge (20-40 cm depth) (n = 4; DF = 1; Sampling Period: Mar., 2011 - Sept., 2011)	LOD: 1.5 $\text{pg/g}$ LOQ: Not Reported	NR	NR	109.7 $\mu\text{g/kg}$ (AM)	NR	64.96 $\mu\text{g/kg}$ (ASD)
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Agricultural soil in rural area of Fontenay-les-Briis, treated with sludge (40-60cm depth) (n = 4; DF = 1; Sampling Period: Mar., 2011 - Sept., 2011)	LOD: 1.5 $\text{pg/g}$ LOQ: Not Reported	NR	NR	113.9 $\mu\text{g/kg}$ (AM)	NR	59.2 $\mu\text{g/kg}$ (ASD)
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Agricultural soil in rural area of Fontenay-les-Briis, treated with sludge (60-80cm depth) (n = 4; DF = 1; Sampling Period: Mar., 2011 - Sept., 2011)	LOD: 1.5 $\text{pg/g}$ LOQ: Not Reported	NR	NR	56.2 $\mu\text{g/kg}$ (AM)	NR	32.6 $\mu\text{g/kg}$ (ASD)
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Forest soil in rural area of Fontenay-les-Briis, horizon sample (0-20cm depth) (n = 1; DF = 1; Sampling Period: Oct., 2010)	LOD: 1.5 $\text{pg/g}$ LOQ: Not Reported	POINT VALUE(S): [27.4 $\mu\text{g/kg}$ ]				
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Rural soil in Doue, horizon sample (0-20cm depth) (n = 1; DF = 1; Sampling Period: Oct., 2010)	LOD: 1.5 $\text{pg/g}$ LOQ: Not Reported	POINT VALUE(S): [121 $\mu\text{g/kg}$ ]				
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Urban soil in Paris, horizon sample (0-20cm depth) (n = 2; DF = 1; Sampling Period: Oct., 2010)	LOD: 1.5 $\text{pg/g}$ LOQ: Not Reported	NR	NR	310 $\mu\text{g/kg}$ (AM)	NR	NR
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Doue, FR Scenario: Soil from Doue rural area (n = 1; DF = 1; Sampling Period: 2012)	LOD: 1.5 $\text{pg/g}$ LOQ: 217-584 $\text{pg/g}$	Point: 121.0 $\text{ng/g}$				
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Fontenay-les-Briis, FR Scenario: Soil from Fontenay-les-Briis forest (n = 1; DF = 1; Sampling Period: 2012)	LOD: 1.5 $\text{pg/g}$ LOQ: 217-584 $\text{pg/g}$	Point: 27.4 $\text{ng/g}$				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Paris, FR Scenario: Soil from Paris urban area (n = 1; DF = 1; Sampling Period: 2012)	LOD: 1.5 pg/g LOQ: 217-584 pg/g	Point: 310.0 ng/g				
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Fontenay-les-Briis, FR Scenario: Soil from Fontenay-les-Briis agricultural site (n = 1; DF = 1; Sampling Period: 2010 - 2011)	LOD: 1.5 pg/g LOQ: 217-584 pg/g	Point: 242.0 ng/g				
Ma et al. 2015 <b>HERO ID:</b> 3016266 <i>OQD:</i> High	Nanjing, China, CN Scenario: Soil (0~15 cm) from 19 greenhouses in Gu Li village (n = 19; DF = 1; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	1102 $\mu\text{g/kg}$ (AM)	NR	91 $\mu\text{g/kg}$ (ASD)
Ma et al. 2015 <b>HERO ID:</b> 3016266 <i>OQD:</i> High	Nanjing, China, CN Scenario: Soil (0~15 cm) from 15 greenhouses in Hu Shu village (n = 15; DF = 1; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	1033 $\mu\text{g/kg}$ (AM)	NR	4 $\mu\text{g/kg}$ (ASD)
Ma et al. 2015 <b>HERO ID:</b> 3016266 <i>OQD:</i> High	Nanjing, China, CN Scenario: Soil from 18 greenhouses in Planck farm (n = 18; DF = 1; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	440 $\mu\text{g/kg}$ (AM)	NR	2 $\mu\text{g/kg}$ (ASD)
Ma et al. 2015 <b>HERO ID:</b> 3016266 <i>OQD:</i> High	Nanjing, China, CN Scenario: Soil from 9 greenhouses in Suo Shi village (n = 9; DF = 1; Sampling Period: Dec., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	226 $\mu\text{g/kg}$ (AM)	NR	1 $\mu\text{g/kg}$ (ASD)
Zhang et al. 2015 <b>HERO ID:</b> 3045478 <i>OQD:</i> Medium	Wangyang River (WYR), Shijiazhuang City, Hebei Province, CN Scenario: Soil (0–20 cm) from 13 sites along the Wangyang River downstream of WWTP discharge (n = 39; DF = 1; Sampling Period: Jun., 2013)	LOD: Not Reported LOQ: Not Reported	0.066 $\mu\text{g/L}$	0.263 $\mu\text{g/L}$	0.143 $\mu\text{g/L}$ (AM)	50th: 0.132 $\mu\text{g/L}$ ;	0.052 $\mu\text{g/L}$ (ASD)
Wang et al. 2015 <b>HERO ID:</b> 3045628 <i>OQD:</i> High	Xianyang, Shaanxi Province, CN Scenario: Soil (0-25 cm) from vegetable fields in Dongzhang-cun, a suburb near the urban district (n = 12; DF = NR; Sampling Period: Sept., 2013 - Oct., 2013)	LOD: 15 $\mu\text{g/L}$ LOQ: Not Reported	39.20 $\mu\text{g/kg}$	213.22 $\mu\text{g/kg}$	63.99 $\mu\text{g/kg}$ (AM)	NR	NR
Wang et al. 2015 <b>HERO ID:</b> 3045628 <i>OQD:</i> High	Xianyang, Shaanxi Province, CN Scenario: Soil (0-25 cm) from vegetable fields in Caojiazhai, a suburb (n = 27; DF = NR; Sampling Period: Sept., 2013 - Oct., 2013)	LOD: 15 $\mu\text{g/L}$ LOQ: Not Reported	31.97 $\mu\text{g/kg}$	3871.09 $\mu\text{g/kg}$	292.52 $\mu\text{g/kg}$ (AM)	NR	NR
Wang et al. 2015 <b>HERO ID:</b> 3045628 <i>OQD:</i> High	Xianyang, Shaanxi Province, CN Scenario: Soil (0-25 cm) from vegetable fields in Guocun, a heavy traffic suburb nearest from urban district (n = 4; DF = NR; Sampling Period: Sept., 2013 - Oct., 2013)	LOD: 15 $\mu\text{g/L}$ LOQ: Not Reported	31.70 $\mu\text{g/kg}$	98.59 $\mu\text{g/kg}$	50.12 $\mu\text{g/kg}$ (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Wang et al. 2015 <b>HERO ID:</b> 3045628 <i>OQD:</i> High	Xianyang, Shaanxi Province, CN Scenario: Soil (0-25 cm) from vegetable fields in Baxingtian, a suburb with heavy traffic (n = 16; DF = NR; Sampling Period: Sept., 2013 - Oct., 2013)	LOD: 15 µg/L LOQ: Not Reported	<LOD	161.17 µg/kg	58.61 µg/kg (AM)	NR	NR
Sun et al. 2015 <b>HERO ID:</b> 3070929 <i>OQD:</i> High	Shanghai City, Jiangsu Province, and Zhejiang Province, CN Scenario: Agriculture soils from Yangtze River Delta (n = 241; DF = 0.99; Sampling Period: Jun., 2014)	LOD: 0.05 - 0.28 ng/g LOQ: Not Reported	ND	9190 ng/g	546 ng/g (AM)	50th: 349 ng/g;	NR
Liu et al. 2016 <b>HERO ID:</b> 3350971 <i>OQD:</i> Medium	Eastern China, CN Scenario: Soil within a chemical industrial park (n = 4; DF = 1; Sampling Period: 2016)	LOD: 10 µg/kg LOQ: Not Reported	NR	50 µg/kg	1,560 µg/kg (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Lanshan district, CN Scenario: Soil from Lanshan district (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	0.00371 Other (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Coach Terminal Station, CN Scenario: Soil from Coach Terminal Station (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	0.00345 Other (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Ninghe garden, CN Scenario: Soil from NingHe garden (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	0.00180 Other (AM)	NR	NR
Sun et al. 2016 <b>HERO ID:</b> 3455519 <i>OQD:</i> Medium	Jiangsu Province; Shanghai Municipality, CN Scenario: Topsoil from agriculture fields (n = 26; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.20–0.40 ng/g LOQ: Not Reported	ND	5520 ng/g	796 ng/g (AM)	NR	1120 ng/g (ASD)
Gaspéri et al. 2016 <b>HERO ID:</b> 3985396 <i>OQD:</i> Medium	Paris, FR Scenario: Soil samples from 32 urban and rural areas in Greater Paris (n = 32; DF = NR; Sampling Period: 2009 - 2010)	LOD: Not Reported LOQ: 0.6 µg/kg	35 µg/kg	411 µg/kg	NR	NR	NR
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Dry season soil north of automobile workshop village (n = 4; DF = NR; Sampling Period: Feb., 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.10 mg/kg (AM)	NR	0.03 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Dry season soil south of automobile workshop village (n = 4; DF = NR; Sampling Period: Feb., 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.19 mg/kg (AM)	NR	0.03 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Dry season soil west of automobile workshop village (n = 4; DF = NR; Sampling Period: Feb., 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.34 mg/kg (AM)	NR	0.13 mg/kg (SE)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Dry season soil east of automobile workshop village (n = 4; DF = NR; Sampling Period: Feb., 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.54 mg/kg (AM)	NR	0.15 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Dry season soil central to automobile workshop village (n = 4; DF = NR; Sampling Period: Feb., 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	1.70 mg/kg (AM)	NR	0.88 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Dry season soil 500m from automobile workshop village (n = 4; DF = NR; Sampling Period: Feb., 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	ND	NR	NR
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Wet season soil north of automobile workshop village (n = 4; DF = NR; Sampling Period: May, 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.78 mg/kg (AM)	NR	0.01 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Wet season soil south of automobile workshop village (n = 4; DF = NR; Sampling Period: May, 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.78 mg/kg (AM)	NR	0.003 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Wet season soil west of automobile workshop village (n = 4; DF = NR; Sampling Period: May, 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.68 mg/kg (AM)	NR	0.04 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Wet season soil east of automobile workshop village (n = 4; DF = NR; Sampling Period: May, 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.78 mg/kg (AM)	NR	0.002 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Wet season soil central to automobile workshop village (n = 4; DF = NR; Sampling Period: May, 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	0.79 mg/kg (AM)	NR	0.01 mg/kg (SE)
Ibeto et al. 2019 <b>HERO ID:</b> 5119775 <i>OQD:</i> High	Awka, South Eastern, NG Scenario: Wet season soil 500m from automobile workshop village (n = 4; DF = NR; Sampling Period: May, 2017)	LOD: 0.001 mg/L LOQ: Not Reported	NR	NR	ND	NR	NR
Sardiña et al. 2019 <b>HERO ID:</b> 5412432 <i>OQD:</i> High	Melbourne; Ballarat; Bendigo; Geelong; Latrobe Valley, AU Scenario: Soil from aquatic ecosystems on various land-use types (n = 25; DF = 0.04; Sampling Period: Aug., 2019)	LOD: 2 mg/kg LOQ: Not Reported	<LOD	7.4 mg/kg	1.26 mg/kg (AM)	NR	1.28 mg/kg (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Chakraborty et al. 2019 <b>HERO ID:</b> 5433039 <i>OQD:</i> Medium	New Delhi, Kolkata, Mumbai, and Chennai, IN Scenario: Surface soil from open dumpsites (DS) containing e-waste in cities (n = 11; DF = 1; Sampling Period: 2014)	LOD: 0.18 ng/g LOQ: Not Reported	16 ng/g	30 ng/g	21 ng/g (AM)	NR	5 ng/g (ASD)
Chakraborty et al. 2019 <b>HERO ID:</b> 5433039 <i>OQD:</i> Medium	New Delhi, Mumbai, and Chennai, IN Scenario: Surface soil from precious metal recovery sites (EWR) in cities (n = 5; DF = 1; Sampling Period: 2014)	LOD: 0.18 ng/g LOQ: Not Reported	43 ng/g	2804 ng/g	614 ng/g (AM)	NR	1225 ng/g (ASD)
Chakraborty et al. 2019 <b>HERO ID:</b> 5433039 <i>OQD:</i> Medium	New Delhi, Mumbai, and Chennai, IN Scenario: Surface soil from e-waste dismantling sites (EWD) in cities (n = 5; DF = 1; Sampling Period: 2014)	LOD: 0.18 ng/g LOQ: Not Reported	16 ng/g	68 ng/g	29 ng/g (AM)	NR	22 ng/g (ASD)
Wu et al. 2019 <b>HERO ID:</b> 5433502 <i>OQD:</i> High	Yuyao City, Zhejiang Province, CN Scenario: Soil samples from downwind of a plastic market (n = 21; DF = 1; Sampling Period: May, 2017)	LOD: Not Reported LOQ: 1.9 ng/g	1077 ng/g	21985 ng/g	12558 ng/g (AM)	50th: 18992 ng/g;	NR
Li et al. 2016 <b>HERO ID:</b> 5540829 <i>OQD:</i> High	Qingdao, Yantai, Weifang, and Weihai, Shandong Peninsula, CN Scenario: Soil from 36 vegetable fields with plastic film mulching (n = 108; DF = 0.92; Sampling Period: May, 2012)	LOD: 0.024 mg/kg LOQ: Not Reported	0 mg/kg	2.943 mg/kg	0.292 mg/kg (AM)	NR	0.457 mg/kg (ASD)
Zhang et al. 2019 <b>HERO ID:</b> 5541389 <i>OQD:</i> High	Guiyu, Shantou, CN Scenario: Soil in residential area A with e-waste recycling workshops (n = 11; DF = 1; Sampling Period: Mar., 2019)	LOD: 0.16-1.65 µg/L LOQ: Not Reported	NR	NR	2953.86 ng/g (AM); 1835.41 ng/g (GM)	50th: 1911.58 ng/g;	NR
Zhang et al. 2019 <b>HERO ID:</b> 5541389 <i>OQD:</i> High	Guiyu, Shantou, CN Scenario: Soil in residential area B with few to none e-waste recycling workshops (n = 7; DF = 1; Sampling Period: Mar., 2019)	LOD: 0.16-1.65 µg/L LOQ: Not Reported	NR	NR	708.35 ng/g (AM); 489.53 ng/g (GM)	50th: 377.40 ng/g;	NR
Zhang et al. 2019 <b>HERO ID:</b> 5541389 <i>OQD:</i> High	Guiyu, Shantou, CN Scenario: Soil in agricultural area used for rice, fruit and vegetables (n = 28; DF = 1; Sampling Period: Mar., 2019)	LOD: 0.16-1.65 µg/L LOQ: Not Reported	NR	NR	383.80 ng/g (AM); 290.53 ng/g (GM)	50th: 240.53 ng/g;	NR
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Soil outside of kindergarten (n = 17; DF = 0.94; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	ND	316.6 µg/g	NR	50th: 1.5 µg/g;	NR
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Soil outside elementary school (n = 29; DF = 0.9; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	ND	282.0 µg/g	NR	50th: 3.5 µg/g;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Soil from elementary school running track (n = 23; DF = 1; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	1.1 µg/g	2129.3 µg/g	NR	50th: 7.3 µg/g;	NR
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Soil from kindergarten playground (n = 22; DF = 0.95; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	ND	1291.0 µg/g	NR	50th: 208.3 µg/g;	NR
Huang et al. 2019 <b>HERO ID:</b> 5618703 <i>OQD:</i> High	Kaohsiung, Tainan, Pingdong, TW Scenario: Soil from children's park playground (n = 13; DF = 1; Sampling Period: May, 2012 - Apr., 2014)	LOD: 0.8 µg/g LOQ: Not Reported	42.9 µg/g	2239.9 µg/g	NR	50th: 154.7 µg/g;	NR
Wei et al. 2020 <b>HERO ID:</b> 6816706 <i>OQD:</i> Medium	Anhui, Jiangsu, Shanghai, and Zhejiang Provinces, Yangtze River Delta, CN Scenario: Agricultural topsoil in China (n = 228; DF = 1; Sampling Period: Oct., 2018)	LOD: 0.1 ng/g LOQ: Not Reported	4.11 ng/g	1510 ng/g	183 ng/g (AM)	50th: 121 ng/g;	NR
Billings et al. 2023 <b>HERO ID:</b> 11785155 <i>OQD:</i> High	Central and Southern England, GB Scenario: Soil from public land downwind of 6 landfills, as close to perimeter as possible (n = 6; DF = 0.667; Sampling Period: Jan., 2020 - Feb., 2020)	LOD: 0.3 ng/g LOQ: Not Reported	<LOD	164 ng/g	63.1 ng/g (AM)	50th: 58.4 ng/g;	NR
Billings et al. 2023 <b>HERO ID:</b> 11785155 <i>OQD:</i> High	Central and Southern England, GB Scenario: Urban parkland soil from 3 sites in Oxford, away from site boundaries and footpaths (n = 3; DF = 0.667; Sampling Period: Jan., 2020 - Feb., 2020)	LOD: 0.3 ng/g LOQ: Not Reported	<LOD	214 ng/g	102 ng/g (AM)	50th: 92.9 ng/g;	NR
Billings et al. 2023 <b>HERO ID:</b> 11785155 <i>OQD:</i> High	Central and Southern England, GB Scenario: Urban roadside soil from 3 sites in Oxford, from widest point of verge (n = 3; DF = 1; Sampling Period: Jan., 2020 - Feb., 2020)	LOD: 0.3 ng/g LOQ: Not Reported	719 ng/g	4853 ng/g	2781 ng/g (AM)	50th: 2771 ng/g;	NR
Billings et al. 2023 <b>HERO ID:</b> 11785155 <i>OQD:</i> High	Central and Southern England, GB Scenario: Woodland soil from 7 sites, representing relatively low anthropogenic influences (n = 7; DF = 0.429; Sampling Period: Jan., 2020 - Feb., 2020)	LOD: 0.3 ng/g LOQ: Not Reported	<LOD	199 ng/g	49.5 ng/g (AM)	50th: <LOD;	NR
Rhind et al. 2010 <b>HERO ID:</b> 697310 <i>OQD:</i> Medium	Hartwood, Lanarkshire, Scotland, GB Scenario: DEHP in sludge-treated soil (n = 1; DF = 1; Sampling Period: Oct., 2010 - Nov., 2010)	LOD: 1830.01 µg/g LOQ: Not Reported	NR	NR	200.0 µg/kg (GM)	NR	NR
Rhind et al. 2010 <b>HERO ID:</b> 697310 <i>OQD:</i> Medium	Hartwood, Lanarkshire, Scotland, GB Scenario: DEHP in inorganic fertiliser-treated soil (n = 1; DF = 1; Sampling Period: Oct., 2010 - Nov., 2010)	LOD: 1830.01 µg/g LOQ: Not Reported	NR	NR	65.4 µg/kg (GM)	NR	NR
Rhind et al. 2013 <b>HERO ID:</b> 2149695 <i>OQD:</i> Medium	Central and East regions, Scotland, GB Scenario: Soil from Central/East Scotland (n = 5; DF = NR; Sampling Period: Spring, 2007 - Summer, 2007)	LOD: 0.05 µg/g LOQ: Not Reported	<LOD	914.0 µg/kg	277.0 µg/kg (AM)	50th: 185.0 µg/kg;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Rhind et al. 2013 <b>HERO ID:</b> 2149695 <i>OQD:</i> Medium	South and West regions, Scotland, GB Scenario: Soil from South/West Scotland (n = 5; DF = NR; Sampling Period: Spring, 2008 - Summer, 2008)	LOD: 0.05 $\mu\text{g/g}$ LOQ: Not Reported	<LOD	1596.0 $\mu\text{g/kg}$	162.0 $\mu\text{g/kg}$ (AM)	50th: 110.0 $\mu\text{g/kg}$ ;	NR
Rhind et al. 2013 <b>HERO ID:</b> 2149695 <i>OQD:</i> Medium	North and West regions, Scotland, GB Scenario: Soil from North/West Scotland (n = 5; DF = NR; Sampling Period: Spring, 2009 - Summer, 2009)	LOD: 0.05 $\mu\text{g/g}$ LOQ: Not Reported	<LOD	676.0 $\mu\text{g/kg}$	214.0 $\mu\text{g/kg}$ (AM)	50th: 152.0 $\mu\text{g/kg}$ ;	NR

Table 13: Data Extraction Tables of Exposure Monitoring Studies for Surface Water

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Surface water from receiving stream of WWTP - August 2002 (n = 12; DF = 1; Sampling Period: Aug., 2002)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	19.51 mg/L (AM)	NR	12.84 mg/L (ASD)
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Surface water from receiving stream of WWTP - September 2002 (n = 12; DF = 1; Sampling Period: Sept., 2002)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	44.52 mg/L (AM)	NR	9.92 mg/L (ASD)
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Surface water from receiving stream of WWTP - October 2002 (n = 12; DF = 1; Sampling Period: Oct., 2002)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	23.07 mg/L (AM)	NR	4.91 mg/L (ASD)
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Surface water from receiving stream of WWTP - November 2002 (n = 12; DF = 1; Sampling Period: Nov., 2002)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	242.37 mg/L (AM)	NR	141.33 mg/L (ASD)
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Surface water from receiving stream of WWTP - December 2002 (n = 12; DF = 1; Sampling Period: Dec., 2002)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	239.64 mg/L (AM)	NR	151.84 mg/L (ASD)
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Surface water from receiving stream of WWTP - January 2003 (n = 12; DF = 1; Sampling Period: Jan., 2003)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	16.32 mg/L (AM)	NR	2.46 mg/L (ASD)
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Surface water from receiving stream of WWTP - February 2003 (n = 12; DF = 1; Sampling Period: Feb., 2003)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	40.14 mg/L (AM)	NR	14.54 mg/L (ASD)
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Surface water from receiving stream of WWTP - July 2002 (n = 12; DF = 1; Sampling Period: Jul., 2002)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	18.68 mg/L (AM)	NR	1.05 mg/L (ASD)
Ogunfowokan et al. 2006 <b>HERO ID: 680101</b> OQD: High	Ile, Ife, NG Scenario: Water 20m upstream from point of discharge of the effluents into receiving stream (n = 24; DF = 1; Sampling Period: Jul., 2002 - Feb., 2003)	LOD: .84 µg/L LOQ: Not Reported	NR	NR	2.09 mg/L (AM)	NR	NR
Shi et al. 2012 <b>HERO ID: 1249969</b> OQD: High	Changzhou, Yangtze River Delta, China, CN Scenario: Yangtze River source water for Changzhou (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	960 ng/L (AM)	NR	11 ng/L (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Suzhou, Yangtze River Delta, China, CN Scenario: Eastern Taihu Lake source water for Suzhou (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	980 ng/L (AM)	NR	5.5 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Wuxi, Yangtze River Delta, China, CN Scenario: Northern Taihu Lake source water for Wuxi (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	560 ng/L (AM)	NR	14 ng/L (ASD)
Shi et al. 2012 <b>HERO ID:</b> 1249969 <i>OQD:</i> High	Yancheng, Yangtze River Delta, China, CN Scenario: Huaihe River source water for Yancheng (n = 3; DF = 1; Sampling Period: Aug., 2010)	LOD: 0.1 ng/L LOQ: 0.3 ng/L	NR	NR	140 ng/L (AM)	NR	2.3 ng/L (ASD)
Enwright Associates et al. 1985 <b>HERO ID:</b> 1335577 <i>OQD:</i> Medium	Virginia, US Scenario: Raw intake water supplied to Allied Corporation, Chesterfield Plant (n = 6; DF = 0; Sampling Period: Feb., 1984)	LOD: 2 µg/L LOQ: Not Reported	NR	NR	ND	NR	NR
Valton et al. 2014 <b>HERO ID:</b> 2347469 <i>OQD:</i> Medium	Île-de-France district, FR Scenario: Surface water from rive Orge (n = 1; DF = NR; Sampling Period: Jun., 2014)	LOD: 5 pg LOQ: 50 ng/L	NR	NR	981 ng/L (AM)	NR	1101 ng/L (ASD)
Zhang et al. 2015 <b>HERO ID:</b> 3045478 <i>OQD:</i> Medium	Wangyang River (WYR), Shijiazhuang City, Hebei Province, CN Scenario: River water from 13 sites along the Wangyang River downstream of WWTP discharge (n = 39; DF = 1; Sampling Period: Jun., 2013)	LOD: Not Reported LOQ: Not Reported	0.26 µg/L	0.94 µg/L	0.48 µg/L (AM)	50th: 0.43 µg/L;	0.15 µg/L (ASD)
Ekklesia et al. 2015 <b>HERO ID:</b> 3045542 <i>OQD:</i> Medium	Singapore, SG Scenario: Surface water samples from 6 urban sub-catchments in high-density residential areas (n = 107; DF = <1; Sampling Period: Jan., 2011 - Jul., 2012)	LOD: 2 µg/L LOQ: Not Reported	0 µg/L	1.790489 µg/L	0.502412 µg/L (GM)	25th: 0 µg/L; 50th: 0.503101 µg/L; 75th: 0.736044 µg/L;	NR
Ekklesia et al. 2015 <b>HERO ID:</b> 3045542 <i>OQD:</i> Medium	Singapore, SG Scenario: Surface water samples from 5 urban sub-catchments in low-density residential areas (n = 90; DF = <1; Sampling Period: Jan., 2011 - Jul., 2012)	LOD: 2 µg/L LOQ: Not Reported	0 µg/L	2.085458 µg/L	0.812543 µg/L (GM)	25th: 0.425913 µg/L; 50th: 0.895934 µg/L; 75th: 1.171606 µg/L;	NR
Ekklesia et al. 2015 <b>HERO ID:</b> 3045542 <i>OQD:</i> Medium	Singapore, SG Scenario: Surface water samples from 2 urban sub-catchments in 2 commercial/industrial areas (n = 33; DF = <1; Sampling Period: Jan., 2011 - Jul., 2012)	LOD: 2 µg/L LOQ: Not Reported	0 µg/L	1.16816 µg/L	0.458305 µg/L (GM)	25th: 0.290145 µg/L; 50th: 0.435562 µg/L; 75th: 0.720193 µg/L;	NR
Kolpin et al. 2002 <b>HERO ID:</b> 3353787 <i>OQD:</i> Uninformative	30 states, US Scenario: 139 streams in areas susceptible to contamination from human, industrial, and agricultural wastewater (n = 85; DF = 0.106; Sampling Period: 1999 - 2000)	LOD: 2.5 µg/L LOQ: Not Reported	NR	20 µg/L	NR	50th: 7 µg/L;	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, People's Park Lake, CN Scenario: Surface water from People's Park (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 µg/mL LOQ: Not Reported	NR	NR	0.0339 Other (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Qinggeda Lake, CN Scenario: Surface water from Qinggeda Lake (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 μg/mL LOQ: Not Reported	NR	NR	0.0417 Other (AM)	NR	NR
Li et al. 2017 <b>HERO ID:</b> 3483279 * <i>OQD:</i> High	Southern region of the Fujian Province (Southeast, China), CN Scenario: Water from Jiulong River - North River (n = 15; DF = 1; Sampling Period: Mar., 2014)	LOD: Not Reported LOQ: Not Reported	0.79 μg/L	1.88 μg/L	1.34 μg/L (AM)	50th: 1.37 μg/L;	NR
Li et al. 2017 <b>HERO ID:</b> 3483279 * <i>OQD:</i> High	Southern region of the Fujian Province (Southeast, China), CN Scenario: Water from Jiulong River - West River (n = 14; DF = 1; Sampling Period: Mar., 2014)	LOD: Not Reported LOQ: Not Reported	0.91 μg/L	3.63 μg/L	1.74 μg/L (AM)	50th: 1.49 μg/L;	NR
Li et al. 2017 <b>HERO ID:</b> 3483279 * <i>OQD:</i> High	Southern region of the Fujian Province (Southeast, China), CN Scenario: Water from Jiulong River - Estuary (n = 6; DF = 1; Sampling Period: Mar., 2014)	LOD: Not Reported LOQ: Not Reported	1.13 μg/L	10.9 μg/L	3.69 μg/L (AM)	50th: 2.94 μg/L;	NR
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: Water from Jiulong River estuary during wet season (n = 15; DF = 1; Sampling Period: Aug., 2014)	LOD: Not Reported LOQ: Not Reported	0.62 μg/L	12.4 μg/L	3.66 μg/L (AM)	50th: 2.18 μg/L;	NR
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: Water from Jiulong River estuary during normal season (n = 15; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	0.12 μg/L	1.76 μg/L	0.57 μg/L (AM)	50th: 0.40 μg/L;	NR
Li et al. 2017 <b>HERO ID:</b> 3859571 <i>OQD:</i> High	Southeast China, CN Scenario: Water from Jiulong River estuary during dry season (n = 15; DF = 1; Sampling Period: Jan., 2015)	LOD: Not Reported LOQ: Not Reported	1.13 μg/L	10.9 μg/L	3.99 μg/L (AM)	50th: 3.00 μg/L;	NR
Elliott et al. 2017 <b>HERO ID:</b> 4181507 <i>OQD:</i> Medium	tributaries of Great Lakes, US Scenario: Surface water of 12 tributaries of the Great Lakes (n = 291; DF = 0.01; Sampling Period: Apr., 2013 - Oct., 2014)	LOD: 2 μg/L LOQ: Not Reported	NR	8.6 μg/L	NR	NR	NR
Salaudeen et al. 2018 <b>HERO ID:</b> 4728386 <i>OQD:</i> High	Adelaide, South Africa, ZA Scenario: Surface water upstream from Adelaide WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 μg/L LOQ: 1.75-3.99 μg/L	1.11 μg/L	16.58 μg/L	6.73 μg/L (AM)	NR	2.27 μg/L (SE)
Salaudeen et al. 2018 <b>HERO ID:</b> 4728386 <i>OQD:</i> High	Adelaide, South Africa, ZA Scenario: Surface water downstream from Adelaide WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 μg/L LOQ: 1.75-3.99 μg/L	0.98 μg/L	13.40 μg/L	6.87 μg/L (AM)	NR	2.02 μg/L (SE)
Salaudeen et al. 2018 <b>HERO ID:</b> 4728386 <i>OQD:</i> High	Alice, South Africa, ZA Scenario: Surface water upstream from Alice WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 μg/L LOQ: 1.75-3.99 μg/L	2.27 μg/L	11.18 μg/L	4.79 μg/L (AM)	NR	1.39 μg/L (SE)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Salaudeen et al. 2018 <b>HERO ID:</b> 4728386 <i>OQD:</i> High	Alice, South Africa, ZA Scenario: Surface water downstream from Alice WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 μg/L LOQ: 1.75-3.99 μg/L	1.01 μg/L	11.80 μg/L	6.32 μg/L (AM)	NR	1.80 μg/L (SE)
Salaudeen et al. 2018 <b>HERO ID:</b> 4728386 <i>OQD:</i> High	Seymour, South Africa, ZA Scenario: Surface water upstream from Seymour WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 μg/L LOQ: 1.75-3.99 μg/L	0.69 μg/L	17.53 μg/L	5.12 μg/L (AM)	NR	2.57 μg/L (SE)
Salaudeen et al. 2018 <b>HERO ID:</b> 4728386 <i>OQD:</i> High	Seymour, South Africa, ZA Scenario: Surface water downstream from Seymour WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 μg/L LOQ: 1.75-3.99 μg/L	1.14 μg/L	12.48 μg/L	6.64 μg/L (AM)	NR	2.20 μg/L (SE)
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Zhongshan (n = 12; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	35.7 μg/L (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Jiangmen (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	17.3 μg/L (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Nanhai (n = 12; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	14.2 μg/L (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Shunde (n = 16; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	3.25 μg/L (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Huizhou (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	0.73 μg/L (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Huadu (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	4.66 μg/L (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Dongguan (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	2.59 μg/L (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Guangzhou (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	0.87 μg/L (AM)	NR	NR
Cheng et al. 2019 <b>HERO ID:</b> 5043518 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: Water of aquaculture fish ponds in Pearl River Delta - Nansha (n = 8; DF = NR; Sampling Period: Jul., 2016 - Sept., 2017)	LOD: Not Reported LOQ: 8.0 ng/g	NR	NR	0.66 μg/L (AM)	NR	NR
Lee et al. 2019 <b>HERO ID:</b> 5043593 <i>OQD:</i> High	Pyeongtaek and Asan, Gyeonggi Province, KR Scenario: Lake Air (Gas) affected from industrial complex (n = 4; DF = 1; Sampling Period: Oct., 2016 - Jul., 2017)	LOD: 0.02 ng/m <sup>3</sup> LOQ: 0.05 ng/m <sup>3</sup>	0.13 ng/m <sup>3</sup>	0.54 ng/m <sup>3</sup>	0.33 ng/m <sup>3</sup> (AM)	50th: 0.33 ng/m <sup>3</sup> ;	NR
Lee et al. 2019 <b>HERO ID:</b> 5043593 <i>OQD:</i> High	Pyeongtaek and Asan, Gyeonggi Province, KR Scenario: Lake Air (Particulate) affected from industrial complex (n = 4; DF = 1; Sampling Period: Oct., 2016 - Jul., 2017)	LOD: 0.02 ng/m <sup>3</sup> LOQ: 0.06 ng/m <sup>3</sup>	3.10 ng/m <sup>3</sup>	15.26 ng/m <sup>3</sup>	7.69 ng/m <sup>3</sup> (AM)	50th: 6.19 ng/m <sup>3</sup> ;	NR
Lee et al. 2019 <b>HERO ID:</b> 5043593 <i>OQD:</i> High	Pyeongtaek and Asan, Gyeonggi Province, KR Scenario: Lake Air (Total) affected from industrial complex (n = 4; DF = NR; Sampling Period: Oct., 2016 - Jul., 2017)	LOD: 0.002 ng/m <sup>3</sup> LOQ: 0.033 ng/m <sup>3</sup>	3.23 ng/m <sup>3</sup>	15.79 ng/m <sup>3</sup>	8.01 ng/m <sup>3</sup> (AM)	50th: 6.52 ng/m <sup>3</sup> ;	NR
Lee et al. 2019 <b>HERO ID:</b> 5043593 <i>OQD:</i> High	Pyeongtaek and Asan, Gyeonggi Province, KR Scenario: Lake Water affected from industrial complex (n = 47; DF = 0.57; Sampling Period: Oct., 2016 - Jul., 2017)	LOD: 0.02 μg/L LOQ: 0.05 μg/L	ND	1.34 μg/L	0.11 μg/L (AM)	50th: 0.08 μg/L;	NR
Sun et al. 2014 <b>HERO ID:</b> 5188487 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: River water in dry season (n = 12; DF = 1; Sampling Period: Dec., 2008)	LOD: 0.36 ng/L LOQ: Not Reported	17 ng/L	190 ng/L	NR	NR	NR
Sun et al. 2014 <b>HERO ID:</b> 5188487 <i>OQD:</i> High	Pearl River Delta region, CN Scenario: River water in wet season (n = 12; DF = 1; Sampling Period: Jul., 2009)	LOD: 0.36 ng/L LOQ: Not Reported	190 ng/L	690 ng/L	NR	NR	NR
Bargar et al. 2013 <b>HERO ID:</b> 5427811 <i>OQD:</i> Medium	Virgin Islands National Park (VIIS), VI Scenario: Estimated concentrations from POCIS extracts from four coral reefs in the Virgin Islands (n = 4; DF = 0.25; Sampling Period: 2013)	LOD: 280 ng/L LOQ: Not Reported	POINT VALUE(S): [ ND; ND; ND; 820 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from the Yellow Sea - Site B18, 3-34m depth (n = 3; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [285 ng/L; 200 ng/L; 198 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from the Bonhai Sea - Site B49, 03-19m (n = 3; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [1362 ng/L; 1776 ng/L; 872 ng/L]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from the Bonhai Sea in the Yellow River Estuary outlet - Site B45, 04-22m depth (n = 2; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [795 ng/L; 1748 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from Bonhai Sea in the Yellow River Estuary outlet - Site B65, 04-15m depth (n = 3; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [1939 ng/L; 1890 ng/L; 4352 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from Bonhai Sea in the Yellow River Estuary outlet - Site B68, 03-10m depth (n = 3; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [1349 ng/L; 1044 ng/L; 1224 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from the Bonhai Sea - Site B71, 03-11m depth (n = 3; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [997 ng/L; 1226 ng/L; 2039 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from the Yellow Sea in the Blue Economic Zone - Site B12, 05-35m depth (n = 2; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [88.1 ng/L; 579 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from Haizhou Bay in the Yellow Sea (n = 9; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [962 ng/L; 985 ng/L; 180 ng/L; 76.4 ng/L; 51.4 ng/L; 495 ng/L; 87 ng/L; 114 ng/L; 761 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from Yellow Sea - Site B14, 4-60m depth (n = 5; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [162 ng/L; 186 ng/L; 128 ng/L; 680 ng/L; 148 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433212 <i>OQD:</i> High	Liaodong Bay; Bohai Bay; Laizhou Bay, shallow sea basin of the central region and Bohai Strait; Yellow Sea, CN Scenario: Water from the Yellow Sea - Site B15, 05-62m depth (n = 5; DF = 1; Sampling Period: Nov., 2014)	LOD: 0.4-0.32 ng/L LOQ: Not Reported	POINT VALUE(S): [185 ng/L; 82.6 ng/L; 126 ng/L; 61.6 ng/L; 152 ng/L]				
Zhang et al. 2018 <b>HERO ID:</b> 5433253 <i>OQD:</i> High	Eastern Coast of China, CN Scenario: Surface water from Changjiang River Estuary and adjacent area (n = 133; DF = 1; Sampling Period: Mar., 2015)	LOD: Not Reported LOQ: Not Reported	NR	NR	NR	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Hart et al. 2005 <b>HERO ID:</b> 5821282 <i>OQD:</i> Medium	Utah, US Scenario: Surface water from Knowles Canyon, a side canyon of Lake Powell (n = 4; DF = 0.25; Sampling Period: May, 2001 - Sept., 2002)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ $<0.5 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ; $11 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ]				
Hart et al. 2005 <b>HERO ID:</b> 5821282 <i>OQD:</i> Medium	Utah, US Scenario: Surface water from Forgotten Canyon, a side canyon of Lake Powell (n = 8; DF = 0.13; Sampling Period: May, 2001 - Sept., 2002)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ $<0.5 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ; $9.6 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ; $<10 \mu\text{g/L}$ ]				
Hart et al. 2005 <b>HERO ID:</b> 5821282 <i>OQD:</i> Medium	Utah, US Scenario: Surface water from Moqui Canyon, a side canyon of Lake Powell (n = 7; DF = 0.29; Sampling Period: May, 2001 - Sept., 2002)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ $<0.5 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ; $4.3 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ; $5.5 \mu\text{g/L}$ ; $<0.5 \mu\text{g/L}$ ]				
Zhang et al. 2019 <b>HERO ID:</b> 5933853 <i>OQD:</i> High	East China Sea, CN Scenario: Seawater samples from East China Sea - Autumn (n = 56; DF = 1; Sampling Period: Oct., 2014 - Nov., 2014)	LOD: 0.04-0.32 ng/L LOQ: Not Reported	NR	NR	NR	NR	NR
Zhang et al. 2019 <b>HERO ID:</b> 5933853 <i>OQD:</i> High	East China Sea, CN Scenario: Seawater samples from East China Sea - Spring (n = 98; DF = 1; Sampling Period: Mar., 2017 - Apr., 2017)	LOD: 0.04-0.32 ng/L LOQ: Not Reported	NR	NR	NR	NR	NR
Zhang et al. 2020 <b>HERO ID:</b> 6957439 <i>OQD:</i> Medium	East China Sea, CN Scenario: Seawater samples from East China Sea - Summer (n = 59; DF = 1; Sampling Period: Jul., 2015)	LOD: 0.04-0.32 ng/L LOQ: Not Reported	NR	NR	NR	NR	NR
Zhang et al. 2020 <b>HERO ID:</b> 6957439 <i>OQD:</i> Medium	East China Sea, CN Scenario: Seawater samples from East China Sea - Winter (n = 56; DF = 0.9865; Sampling Period: Feb., 2017)	LOD: 0.04-0.32 ng/L LOQ: Not Reported	NR	NR	NR	NR	NR
Zhang et al. 2020 <b>HERO ID:</b> 6957439 <i>OQD:</i> Medium	East China Sea, CN Scenario: Seawater samples from East China Sea - Spring (n = 51; DF = 1; Sampling Period: May, 2017)	LOD: 0.04-0.32 ng/L LOQ: Not Reported	NR	NR	NR	NR	NR
McConnell et al. 2007 <b>HERO ID:</b> 10365669 ‡ <i>OQD:</i> High <i>MEHP</i>	Strait of Georgia, Vancouver, British Columbia, CA Scenario: Water sampled at mid-ocean depth (3-4m) from False Creek Harbour - MEHP (n = 10; DF = NR; Sampling Period: Jul., 2005 - Sept., 2005)	LOD: 10 ng/L LOQ: Not Reported	NR	NR	60 ng/L (AM)	NR	2.3 ng/L (ASD)
Björklund et al. 2009 <b>HERO ID:</b> 679890 <i>OQD:</i> Medium	Nybohov, Stockholm; Skarpnack, Stockholm; Garda, Göteborg, SE Scenario: Stormwater from catchment in Skarpnäck following storm events (n = 5; DF = 0.20; Sampling Period: Jun., 2006 - Oct., 2006)	LOD: $1 \mu\text{g/L}$ LOQ: Not Reported	POINT VALUE(S): [ $1.7 \mu\text{g/L}$ ; $<\text{LOD}$ ; $<\text{LOD}$ ; $<\text{LOD}$ ; $<\text{LOD}$ ]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Björklund et al. 2009 <b>HERO ID:</b> 679890 <i>OQD:</i> Medium	Nybohov, Stockholm; Skarpnack, Stockholm; Garda, Goteborg, SE Scenario: Stormwater from catchment in Nybohov following storm events (n = 3; DF = 0; Sampling Period: Jun., 2006 - Oct., 2006)	LOD: 1 µg/L LOQ: Not Reported	POINT VALUE(S): [ <LOD; <LOD; <LOD]				
Björklund et al. 2009 <b>HERO ID:</b> 679890 <i>OQD:</i> Medium	Nybohov, Stockholm; Skarpnack, Stockholm; Garda, Goteborg, SE Scenario: Stormwater from catchment in Gårda following storm events (n = 5; DF = .40; Sampling Period: Jun., 2006 - Oct., 2006)	LOD: 1.0 µg/L LOQ: Not Reported	POINT VALUE(S): [5.0 µg/L; 1.4 µg/L; <LOD; <LOD; <LOD]				
Bidwell et al. 2010 <b>HERO ID:</b> 697423 <i>OQD:</i> Medium	Osage Mills, AR; Benton County, AR; Delaware County; OK, US Scenario: Surface water from 2 creeks in OK (unnamed, near WWTP) and AR (Little Osage Creek, near mill) (n = 2; DF = 1; Sampling Period: May, 2006 - Jul., 2006)	LOD: 0.03 ng/POCIS LOQ: Not Reported	POINT VALUE(S): [513 ng/POCIS; 2360 ng/POCIS]				
Bidwell et al. 2010 <b>HERO ID:</b> 697423 <i>OQD:</i> Medium	Osage Mills, AR; Benton County, AR; Delaware County; OK, US Scenario: Surface water from 6 cave systems (n = 6; DF = 1; Sampling Period: May, 2006 - Jul., 2006)	LOD: 0.03 ng/POCIS LOQ: Not Reported	POINT VALUE(S): [ ND; ND; ND; ND; ND; ND]				
Gasperi et al. 2009 <b>HERO ID:</b> 697727 <i>OQD:</i> Medium	City of Paris, Paris Region, FR Scenario: Surface water from Seine River near WWTP discharges and agricultural land use (n = 60; DF = 0.63; Sampling Period: Jul., 2006 - Nov., 2007)	LOD: Not Reported LOQ: 0.1 µg/L	<LOQ	14.63 µg/L	NR	50th: 1.00 µg/L;	NR
Blair et al. 2009 <b>HERO ID:</b> 787951 ‡ <i>OQD:</i> Medium <i>MEHP</i>	Vancouver, British Columbia, CA Scenario: Seawater from False Creek, Vancouver (n = 10; DF = 1.0; Sampling Period: May, 2004 - Sept., 2006)	LOD: 0.19 ng/g LOQ: Not Reported	45.49 ng/g	57.2 ng/g	NR	NR	NR
Keil et al. 2011 <b>HERO ID:</b> 788135 <i>OQD:</i> Medium	Puget Sound, WA, US Scenario: Water from highly urbanized waterway (n = 66; DF = 0.27; Sampling Period: Mar., 2010)	LOD: Not Reported LOQ: Not Reported	14.64 ng/L	703.06 ng/L	NR	25th: 26.03 ng/L; 50th: 133.44 ng/L; 75th: 336.85 ng/L;	NR
Keil et al. 2011 <b>HERO ID:</b> 788135 <i>OQD:</i> Medium	Barkley Sound, British Columbia, CA Scenario: Water from unaltered fjord (n = 22; DF = 1; Sampling Period: Mar., 2010)	LOD: Not Reported LOQ: Not Reported	63.57 ng/L	446.76 ng/L	NR	25th: 111.47 ng/L; 50th: 191.30 ng/L; 75th: 342.98 ng/L;	NR
Martí et al. 2011 <b>HERO ID:</b> 1002160 <i>OQD:</i> High	Comunidad Valenciana region, ES Scenario: Surface water from coastal waterbodies (n = 160; DF = 0.57; Sampling Period: Jul., 2008 - May, 2009)	LOD: 0.25 mg/L LOQ: Not Reported	<LOD	15 mg/L	NR	50th: 0.25 mg/L;	NR
Teil et al. 2012 <b>HERO ID:</b> 1249662 <i>OQD:</i> Medium	Ile-de-France, FR Scenario: Surface water from Orge River that flows through urbanized areas (n = 8; DF = NR; Sampling Period: Jul., 2009 - Apr., 2010)	LOD: 50 ng/L LOQ: Not Reported	NR	NR	474.65 ng/L (AM)	NR	981 ng/L (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Birch et al. 2011 <b>HERO ID:</b> 1250834 <i>OQD:</i> Medium	greater Copenhagen area, DK Scenario: Stormwater samples from storm sewers in the greater Copenhagen area. (n = 9; DF = 0.67; Sampling Period: Sept., 2008 - Sept., 2009)	LOD: 0.5 µg/L LOQ: Not Reported	0.25 µg/L	8.5 µg/L	NR	NR	NR
de Los Ríos et al. 2012 <b>HERO ID:</b> 1401402 <i>OQD:</i> Medium	Cantabria, northern Spain, ES Scenario: Water from the control site in Cantabria, Spain. (n = 3; DF = 1; Sampling Period: May, 2007 - Aug., 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	79.92 µg/L (AM)	NR	5.03 µg/L (ASD)
Veerasingham et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 2 at the intake to the Selisek DWTP. (n = 7; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	<18.0 ng/L	364.9 ng/L	118.3 ng/L (AM)	50th: 20.0 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 8 at the intake to the Sg.Batu DWTP. (n = 9; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	<18.0 ng/L	130.5 ng/L	52.9 ng/L (AM)	50th: 45.0 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 10 at the intake to the Gombak DWTP. (n = 10; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	<18.0 ng/L	164.2 ng/L	90.7 ng/L (AM)	50th: 77.4 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 5 at the intake to the Tenggi DWTP. (n = 7; DF = 0.86; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	ND ng/L	48.6 ng/L	19.5 ng/L (AM)	50th: <18.0 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 16 at the intake to the Cheras DWTP. (n = 9; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	52.5 ng/L	552.5 ng/L	224.8 ng/L (AM)	50th: 179.5 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 17 at the intake to the Bukit Tampo DWTP. (n = 8; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	81.8 ng/L	595.5 ng/L	286.7 ng/L (AM)	50th: 271.5 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 18 at the intake to the Salak Tinggi DWTP. (n = 9; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	<18.0 ng/L	970.0 ng/L	389.6 ng/L (AM)	50th: 363.0 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 3 at the intake to the Dusun DWTP. (n = 9; DF = 0.89; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	ND ng/L	207.7 ng/L	61.7 ng/L (AM)	50th: 64.9 ng/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 13 at the intake to the Pangsoo DWTP. (n = 9; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	<18.0 ng/L	267.7 ng/L	66.4 ng/L (AM)	50th: 45.5 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at 8 sites upstream of the Salak Tinggi DWTP. (n = 8; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	NR	NR	671 ng/L (AM)	NR	663 ng/L (ASD)
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 6 at the intake to the Kepong DWTP. (n = 10; DF = 0.9; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	ND ng/L	309.2 ng/L	97.7 ng/L (AM)	50th: 84.9 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 11 at the intake to the Ampang intake DWTP. (n = 10; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	<18.0 ng/L	172.1 ng/L	82.7 ng/L (AM)	50th: 99.5 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 14 at the intake to the Serai DWTP. (n = 4; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	<18.0 ng/L	319.8 ng/L	120.8 ng/L (AM)	50th: 75.6 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 12 at the intake to the Lolo DWTP. (n = 9; DF = 0.89; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	ND ng/L	172.0 ng/L	57.0 ng/L (AM)	50th: 19.0 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 7 at the intake to the Keroh DWTP. (n = 6; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	34.0 ng/L	371.8 ng/L	191.6 ng/L (AM)	50th: 172.5 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 15 at the intake to the Langat DWTP. (n = 9; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	43.9 ng/L	537.9 ng/L	217.5 ng/L (AM)	50th: 146.9 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 4 at the intake to the Bernam River Head DWTP. (n = 4; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	125.9 ng/L	332.3 ng/L	251.5 ng/L (AM)	50th: 273.8 ng/L;	NR
Veerasingham et al. 2013 <b>HERO ID: 1600106</b> OQD: High	Selangor, MY Scenario: Water samples collected at Site 9 at the intake to the Rumpit DWTP. (n = 10; DF = 1; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	<18.0 ng/L	345.2 ng/L	155.3 ng/L (AM)	50th: 134.9 ng/L;	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Veerasingam et al. 2013 <b>HERO ID:</b> 1600106 <i>OQD:</i> High	Selangor, MY Scenario: Water samples collected at Site 1 at the intake to the Kalumpang DWTP. (n = 9; DF = 0.89; Sampling Period: Sept., 2008 - Jul., 2009)	LOD: 6 ng/L LOQ: 18.0 ng/L	ND ng/L	296.6 ng/L	64.2 ng/L (AM)	50th: <18.0 ng/L;	NR
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Roinville, FR Scenario: Surface water from Orge River at Roinville (n = 2; DF = NR; Sampling Period: Sept., 2008)	LOD: 50 pg/L LOQ: Not Reported	NR	NR	49 ng/L (AM)	NR	NR
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Viry-Chatillon, FR Scenario: Surface water from Orge River at Viry-Chatillon (n = 8; DF = NR; Sampling Period: Oct., 2009)	LOD: 50 pg/L LOQ: Not Reported	NR	NR	981 ng/L (AM)	NR	1101 ng/L (ASD)
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Marnay-sur-Seine, FR Scenario: Surface water from Seine River at Marnay-sur-Seine (n = 8; DF = NR; Sampling Period: Aug., 2009)	LOD: 50 pg/L LOQ: Not Reported	NR	NR	106 ng/L (AM)	NR	54 ng/L (ASD)
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Epinay-sur-Seine, FR Scenario: Surface water from Seine River at Epinay-sur-Seine (n = 2; DF = NR; Sampling Period: Aug., 2008)	LOD: 50 pg/L LOQ: Not Reported	NR	NR	484 ng/L (AM)	NR	NR
Teil et al. 2014 <b>HERO ID:</b> 2149497 <i>OQD:</i> Medium	Triel-sur-Seine, FR Scenario: Surface water from Seine River at Triel-sur-Seine (n = 9; DF = NR; Sampling Period: Nov., 2009)	LOD: 50 pg/L LOQ: Not Reported	NR	NR	665 ng/L (AM)	NR	864 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Arriluce Harbor (PA), ES Scenario: Estuarine Water at Arriluce Harbor (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	88 ng/L (AM)	NR	20 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Industry Discharge Site (FE), ES Scenario: Estuarine Water at Industry Discharge Site (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	52 ng/L (AM)	NR	4 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Plenzia (PL), ES Scenario: Estuarine Water at Plenzia (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	21 ng/L (AM)	NR	23 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Santander Harbor (PS), ES Scenario: Estuarine Water at Santander Harbor (n = 1; DF = 1; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	269 ng/L (AM)	NR	NR
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	WWTP Discharge (GA), ES Scenario: Estuarine Water at WWTP Discharge (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	89 ng/L (AM)	NR	41 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID:</b> 2149885 <i>OQD:</i> Medium	Pasaia Harbor (PP), ES Scenario: Estuarine Water at Pasaia Harbor (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	133 ng/L (AM)	NR	49 ng/L (ASD)

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Table 13 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Sánchez-Avila et al. 2013 <b>HERO ID: 2149885</b> OQD: Medium	WWTP 1 effluent (WG), ES Scenario: Estuarine Water at WWTP 1 effluent (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	6025 ng/L (AM)	NR	3189 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID: 2149885</b> OQD: Medium	San Vicente de la Barqueira (SV), ES Scenario: Coastal Water at San Vicente de la Barqueira (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	18 ng/L (AM)	NR	8 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID: 2149885</b> OQD: Medium	Virgen del Mar (VM), ES Scenario: Coastal Water at Virgen del Mar (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	16 ng/L (AM)	NR	6 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID: 2149885</b> OQD: Medium	Peñarrubia (PN), ES Scenario: Coastal Water at Peñarrubia (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	4.2 ng/L (AM)	NR	6 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID: 2149885</b> OQD: Medium	Urdaibai (UR), ES Scenario: Estuarine water at Urdaibai (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	4.0 ng/L (AM)	NR	5 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID: 2149885</b> OQD: Medium	WWTP 2 effluent (WS), ES Scenario: Estuarine Water at WWTP 2 effluent (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	3977 ng/L (AM)	NR	3243 ng/L (ASD)
Sánchez-Avila et al. 2013 <b>HERO ID: 2149885</b> OQD: Medium	Berria (BE), ES Scenario: Coastal Water at Berria (n = 2; DF = NR; Sampling Period: 2009)	LOD: Not Reported LOQ: Not Reported	NR	NR	29 ng/L (AM)	NR	7 ng/L (ASD)
Sánchez-Avila et al. 2012 <b>HERO ID: 2150619</b> OQD: High	Castellón; Valencia, ES Scenario: Coastal Seawater samples (n = 22; DF = 0.91; Sampling Period: Mar., 2009 - Jul., 2009)	LOD: Not Reported LOQ: Not Reported	31 ng/L	617 ng/L	145 ng/L (AM)	NR	NR
Sánchez-Avila et al. 2012 <b>HERO ID: 2150619</b> OQD: High	Castellón; Valencia, ES Scenario: Port Seawater samples (n = 17; DF = 0.94; Sampling Period: Mar., 2009 - Jul., 2009)	LOD: Not Reported LOQ: Not Reported	3.5 ng/L	804 ng/L	128 ng/L (AM)	NR	NR
Sánchez-Avila et al. 2012 <b>HERO ID: 2150619</b> OQD: High	Castellón; Valencia, ES Scenario: River Mouth Seawater samples (n = 7; DF = 1; Sampling Period: Mar., 2009 - Jul., 2009)	LOD: Not Reported LOQ: Not Reported	3 ng/L	75 ng/L	16 ng/L (AM)	NR	NR
Sánchez-Avila et al. 2012 <b>HERO ID: 2150619</b> OQD: High	Castellón; Valencia, ES Scenario: River Water samples (n = 6; DF = 1; Sampling Period: Mar., 2009 - Jul., 2009)	LOD: Not Reported LOQ: Not Reported	4.8 ng/L	23 ng/L	11 ng/L (AM)	NR	NR
Sánchez-Avila et al. 2012 <b>HERO ID: 2150619</b> OQD: High	Castellón; Valencia, ES Scenario: WWTP effluent samples (n = 8; DF = 1; Sampling Period: Mar., 2009 - Jul., 2009)	LOD: Not Reported LOQ: Not Reported	1723 ng/L	9223 ng/L	3722 ng/L (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Zgheib et al. 2012 <b>HERO ID:</b> 2150869 <i>OQD:</i> Medium	Paris, FR Scenario: Stormwater from storm sewer outlets (n = 14; DF = 1; Sampling Period: Feb., 208 - Mar., 2009)	LOD: Not Reported LOQ: Not Reported	55 µg/g	260 µg/g	NR	50th: 98.5 µg/g;	NR
Mackintosh et al. 2006 <b>HERO ID:</b> 2158899 <i>OQD:</i> High	Vancouver, CA Scenario: Seawater samples (n = 12; DF = 0.33; Sampling Period: 2006)	LOD: 400-540 ng/L LOQ: Not Reported	170 ng/L	444 ng/L	275 ng/L (GM)	NR	NR
Mackintosh et al. 2006 <b>HERO ID:</b> 2158899 <i>OQD:</i> High	Vancouver, CA Scenario: Freely Dissolved Seawater samples (n = 12; DF = 0.33; Sampling Period: 2006)	LOD: 400-540 ng/L LOQ: Not Reported	76.6 ng/L	200 ng/L	124 ng/L (GM)	NR	NR
Liu et al. 2013 <b>HERO ID:</b> 2241701 <i>OQD:</i> High	Louisiana, US Scenario: Water samples from the Bonnet Carre Spillway of Lake Pontchartrain (n = 42; DF = 0.24; Sampling Period: Mar., 2008 - Jun., 2009)	LOD: 0.4 µg/L LOQ: Not Reported	<LOD	12 µg/L	NR	NR	NR
Liu et al. 2013 <b>HERO ID:</b> 2241701 <i>OQD:</i> High	Louisiana, US Scenario: Water samples from the center of Lake Pontchartrain (n = 54; DF = 0.32; Sampling Period: Mar., 2008 - Jun., 2009)	LOD: 0.4 µg/L LOQ: Not Reported	NR	18.2 µg/L	NR	NR	NR
Net et al. 2014 <b>HERO ID:</b> 2932024 <i>OQD:</i> Medium	Picardie Region, FR Scenario: Surface water samples from the Somme River (n = 13; DF = 1.00; Sampling Period: Oct., 2012)	LOD: Not Reported LOQ: 0.01 µg/L	0.34 µg/L	20.76 µg/L	9.591 µg/L (AM)	NR	NR
Net et al. 2015 <b>HERO ID:</b> 3012380 <i>OQD:</i> Medium	Zingem, Scheldt basin, BE Scenario: Water from watercourse in the cross-boarder of Northern France-Belgium (n = Not Reported; DF = NR; Sampling Period: Jul., 2014 - Oct., 2014)	LOD: Not Reported LOQ: 0.05 ng/L	NR	NR	8.4 µg/L (AM)	NR	0.8 µg/L (ASD)
Schmidt et al. 2020 <b>HERO ID:</b> 6966453 <i>OQD:</i> High	Rhone River, Arles, FR Scenario: Surface water 15 km downstream from two WWTP effluents (n = 22; DF = 1; Sampling Period: May, 2017 - Apr., 2018)	LOD: Not Reported LOQ: 0.05 ng/L	69.6 ng/L	414.4 ng/L	221.4 ng/L (AM)	50th: 198.3 ng/L;	117.5 ng/L (ASD)

\* Reference is a completed exposure assessment and risk characterization that was evaluated using the completed exposure assessment and risk characterization data quality criteria. Depending on the type of data the reference contains, primary or secondary data from completed exposure assessments or risk characterizations may be extracted using the template(s) for monitoring, modeling, and/or experimental data and are grouped with other data from the applicable evidence stream(s).

‡ Data extraction results are for metabolite concentrations.

Table 14: Data Extraction Tables of Exposure Monitoring Studies for Terrestrial Species

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Ninghe garden, CN Scenario: Plants from NingHe garden (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 μg/mL LOQ: Not Reported	NR	NR	0.0119 Other (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Lanshan district, CN Scenario: Plants from Lanshan district (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 μg/mL LOQ: Not Reported	NR	NR	0.0179 Other (AM)	NR	NR
Tian et al. 2016 <b>HERO ID:</b> 3367249 <i>OQD:</i> Medium	Changji City, Coach Terminal Station, CN Scenario: Plants from Coach Terminal Station (n = 4; DF = NR; Sampling Period: Oct., 2014 - Dec., 2014)	LOD: 0.888 μg/mL LOQ: Not Reported	NR	NR	0.0128 Other (AM)	NR	NR
Evanset et al. 2009 <b>HERO ID:</b> 6992056 <i>OQD:</i> Medium	Svalbard, NO Scenario: Seabird liver from Arctic Ocean (Kittiwakes and common eiders) (n = 14; DF = 0.5; Sampling Period: Summer, 2008)	LOD: 88.0 ng/g LOQ: Not Reported	POINT VALUE(S): [ <LOD; 105 ng/g; 105 ng/g; 111 ng/g; 94 ng/g; 155 ng/g; <LOD; <LOD; 105 ng/g; 100 ng/g; <LOD; <LOD; <LOD; <LOD]				
Rhind et al. 2009 <b>HERO ID:</b> 697443 <i>OQD:</i> Medium	Hartwood, Scotland, GB Scenario: Liver tissue of adult pregnant female sheep from pastures treated with inorganic fertilizer (n = 10; DF = NR; Sampling Period: 2009)	LOD: 0.01 μg/g LOQ: Not Reported	NR	NR	2.19 μg/kg (AM)	NR	NR
Rhind et al. 2009 <b>HERO ID:</b> 697443 <i>OQD:</i> Medium	Hartwood, Scotland, GB Scenario: Liver tissue of adult pregnant female sheep from pastures treated with sewage sludge (n = 11; DF = NR; Sampling Period: 2009)	LOD: 0.01 μg/g LOQ: Not Reported	NR	NR	2.09 μg/kg (AM)	NR	NR
Huber et al. 2015 <b>HERO ID:</b> 2823276 <i>OQD:</i> High	Sklinna and Rost, NO Scenario: Pooled eggs from herring gull from 2 remote islands (n = 6; DF = 1; Sampling Period: May, 2012 - Jun., 2012)	LOD: 3.0 ng/g LOQ: Not Reported	6.9 ng/g	24.0 ng/g	13.85 ng/g (AM)	50th: 12.5 ng/g;	6.95 ng/g (ASD)
Huber et al. 2015 <b>HERO ID:</b> 2823276 <i>OQD:</i> High	Sklinna and Rost, NO Scenario: Pooled eggs from common eider from 2 remote islands (n = 4; DF = 0.5; Sampling Period: May, 2012 - Jun., 2012)	LOD: 3.0 ng/g LOQ: Not Reported	1.5 ng/g	5.6 ng/g	1.5 ng/g (AM)	50th: 1.5 ng/g;	1.94 ng/g (ASD)
Huber et al. 2015 <b>HERO ID:</b> 2823276 <i>OQD:</i> High	Sklinna and Rost, NO Scenario: Pooled eggs from European shag from 2 remote islands (n = 6; DF = 0.83; Sampling Period: May, 2012 - Jun., 2012)	LOD: 3.0 ng/g LOQ: Not Reported	1.5 ng/g	42.0 ng/g	10.65 ng/g (AM)	50th: 4.45 ng/g;	15.49 ng/g (ASD)

Table 15: Data Extraction Tables of Exposure Monitoring Studies for Wastewater

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Schnaak et al. 1997 <b>HERO ID:</b> 658064 <i>OQD:</i> Uninformative	Brandenburg, DE Scenario: Treated sewage sludge from 25 WWTP in Brandenburg, Germany - Summer (n = 25; DF = NR; Sampling Period: Summer, 1997)	LOD: Not Reported LOQ: Not Reported	NR	87.3 mg/kg	NR	50th: 34.4 mg/kg;	NR
Schnaak et al. 1997 <b>HERO ID:</b> 658064 <i>OQD:</i> Uninformative	Brandenburg, DE Scenario: Treated sewage sludge from 25 WWTP in Brandenburg, Germany - Winter (n = 25; DF = NR; Sampling Period: Winter, 1997)	LOD: Not Reported LOQ: Not Reported	NR	164.7 mg/kg	NR	50th: 12.7 mg/kg;	NR
Paxéus et al. 1992 <b>HERO ID:</b> 667025 <i>OQD:</i> Medium	Goteborg, SE Scenario: Influent wastewater from Goteborg Regional Sewage Works, 1989 (n = 4; DF = 1; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	43 µg/L (AM)	NR	NR
Paxéus et al. 1992 <b>HERO ID:</b> 667025 <i>OQD:</i> Medium	Goteborg, SE Scenario: Influent wastewater from Goteborg Regional Sewage Works, 1990 (n = 4; DF = 1; Sampling Period: 1990)	LOD: Not Reported LOQ: Not Reported	NR	NR	37 µg/L (AM)	NR	NR
Paxéus et al. 1992 <b>HERO ID:</b> 667025 <i>OQD:</i> Medium	Goteborg, SE Scenario: Influent wastewater from Goteborg Regional Sewage Works, 1991 (n = 8; DF = 1; Sampling Period: 1991)	LOD: Not Reported LOQ: Not Reported	NR	NR	30 µg/L (AM)	NR	NR
Paxéus et al. 1992 <b>HERO ID:</b> 667025 <i>OQD:</i> Medium	Goteborg, SE Scenario: Effluent wastewater from Goteborg Regional Sewage Works, 1989-1991 (n = 7; DF = 1; Sampling Period: 1989 - 1991)	LOD: Not Reported LOQ: Not Reported	2.0 µg/L	NR	NR	NR	NR
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Various sites, SE Scenario: Sludge from national municipal sewage treatment plants (n = 6; DF = 1; Sampling Period: Nov., 2006)	LOD: 40.0 µg/kg LOQ: Not Reported	POINT VALUE(S): [43000 µg/kg; 47000 µg/kg; 40000 µg/kg; 44000 µg/kg; 36000 µg/kg; 67000 µg/kg]				
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Varmland, SE Scenario: Sludge from 4 Varmland county STPs (regional sampling program) (n = 4; DF = 1; Sampling Period: Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [66000 µg/kg; 59000 µg/kg; 42000 µg/kg; 43000 µg/kg]				
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Vasterbotten and Vastemorrland, SE Scenario: Sludge from 2 Vasterbotten and Vastemorrland county STPs (regional sampling program) (n = 2; DF = 1; Sampling Period: Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [42000 µg/kg; 65000 µg/kg]				
Cousins et al. 2007 <b>HERO ID:</b> 675060 <i>OQD:</i> Medium	Orebro, SE Scenario: Sludge from 4 Orebro county STPs (regional sampling program) (n = 4; DF = 1; Sampling Period: Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [40000 µg/kg; 80000 µg/kg; 47000 µg/kg; 67000 µg/kg]				

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Table 15 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Fernandez et al. 2007 <b>HERO ID:</b> 679499 <i>OQD:</i> High	Western Canada, CA Scenario: Effluent wastewater from Site A (n = 6; DF = 1; Sampling Period: Dec., 2002 - Feb., 2003)	LOD: 20.0 ng/L LOQ: Not Reported	NR	NR	885 ng/L (GM)	NR	NR
Fernandez et al. 2007 <b>HERO ID:</b> 679499 <i>OQD:</i> High	Western Canada, CA Scenario: Influent wastewater from Site B (n = 8; DF = 1; Sampling Period: Dec., 2002 - Feb., 2003)	LOD: 20.0 ng/L LOQ: Not Reported	NR	NR	11836 ng/L (GM)	NR	NR
Fernandez et al. 2007 <b>HERO ID:</b> 679499 <i>OQD:</i> High	Western Canada, CA Scenario: Effluent wastewater from Site B - Dec 2002/Feb 2003 (n = 8; DF = 1; Sampling Period: Dec., 2002 - Feb., 2003)	LOD: 20.0 ng/L LOQ: Not Reported	NR	NR	2715 ng/L (GM)	NR	NR
Fernandez et al. 2007 <b>HERO ID:</b> 679499 <i>OQD:</i> High	Western Canada, CA Scenario: Effluent wastewater from Site B -March/April 2003 (n = 16; DF = 1; Sampling Period: Mar., 2003 - Apr., 2003)	LOD: 20.0 ng/L LOQ: Not Reported	NR	NR	2665 ng/L (GM)	NR	NR
Fernandez et al. 2007 <b>HERO ID:</b> 679499 <i>OQD:</i> High	Western Canada, CA Scenario: Influent wastewater from Sites C, D, and E (n = 3; DF = 1; Sampling Period: May, 2004 - Apr., 2005)	LOD: 20.0 ng/L LOQ: Not Reported	POINT VALUE(S): [3471 ng/L; 9960 ng/L; 5217 ng/L]				
Fernandez et al. 2007 <b>HERO ID:</b> 679499 <i>OQD:</i> High	Western Canada, CA Scenario: Effluent wastewater from Sites C, D, and E (n = 5; DF = 1; Sampling Period: Mar., 2004 - Apr., 2005)	LOD: 20.0 ng/L LOQ: Not Reported	POINT VALUE(S): [869 ng/L; 17092 ng/L; 4089 ng/L; 5091 ng/L; 3704 ng/L]				
Gomez-Rico et al. 2007 <b>HERO ID:</b> 679577 <i>OQD:</i> Medium	Valencia, ES Scenario: Sludge without Digestion - DEHP (n = 10; DF = 1; Sampling Period: Jan., 2002 - Dec., 2003)	LOD: 0.01 mg/kg LOQ: Not Reported	POINT VALUE(S): [ <LOQ; <LOQ; <LOQ; <LOQ]				
Gomez-Rico et al. 2007 <b>HERO ID:</b> 679577 <i>OQD:</i> Medium	Valencia, ES Scenario: Anaerobic Sludge in Valencia - DEHP (n = 10; DF = 1; Sampling Period: Jan., 2002 - Dec., 2003)	LOD: 0.01 mg/kg LOQ: Not Reported	POINT VALUE(S): [ <LOQ; <LOQ; <LOQ; <LOQ; <LOQ; <LOQ; <LOQ; <LOQ]				
Gomez-Rico et al. 2007 <b>HERO ID:</b> 679577 <i>OQD:</i> Medium	Valencia, ES Scenario: Aerobic Sludge in Valencia - DEHP (n = 10; DF = 1; Sampling Period: Jan., 2002 - Dec., 2003)	LOD: 0.01 mg/kg LOQ: Not Reported	POINT VALUE(S): [ <LOQ; <LOQ; <LOQ]				
Ogunfowokan et al. 2006 <b>HERO ID:</b> 680101 <i>OQD:</i> High	Ile, Ife, NG Scenario: Effluent water of Obafemi Awolowo University sewage lagoon - S4, discharge point (n = 18; DF = 1; Sampling Period: Sept., 2002)	LOD: 2.64 µg/L LOQ: Not Reported	NR	NR	38.73 mg/L (AM)	NR	NR
Ogunfowokan et al. 2006 <b>HERO ID:</b> 680101 <i>OQD:</i> High	Ile, Ife, NG Scenario: Influent water of Obafemi Awolowo University sewage lagoon - S2, at inlet (n = 24; DF = 1; Sampling Period: Sept., 2002)	LOD: 2.64 µg/L LOQ: Not Reported	NR	NR	41.01 mg/L (AM)	NR	NR

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Table 15 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Ogunfowokan et al. 2006 <b>HERO ID:</b> 680101 <i>OQD:</i> High	Ile, Ife, NG Scenario: Influent water of Obafemi Awolowo University sewage lagoon - S1, 30m from inlet (n = 24; DF = 1; Sampling Period: Sept., 2002)	LOD: 2.64 $\mu\text{g/L}$ LOQ: Not Reported	NR	NR	84.78 $\text{mg/L}$ (AM)	NR	NR
Ogunfowokan et al. 2006 <b>HERO ID:</b> 680101 <i>OQD:</i> High	Ile, Ife, NG Scenario: Effluent water of Obafemi Awolowo University sewage lagoon - S3, at oxidation pond (n = 24; DF = 1; Sampling Period: Sept., 2002)	LOD: 2.64 $\mu\text{g/L}$ LOQ: Not Reported	NR	NR	99.71 $\text{mg/L}$ (AM)	NR	NR
Peterson et al. 1984 <b>HERO ID:</b> 680376 <i>OQD:</i> Medium	North East Maryland, US Scenario: Chester River discharge pond water (n = 1; DF = 1; Sampling Period: 1984)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [110 ng/g]				
Kotowska et al. 2012 <b>HERO ID:</b> 1106739 <i>OQD:</i> Uninformative	Białystok, Poland, PL Scenario: Effluent WWTP samples from Białystok, Poland-DEHP (n = 5; DF = NR; Sampling Period: Feb., 2011 - Nov., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND % (AM)	NR	ND % (ASD)
Kotowska et al. 2012 <b>HERO ID:</b> 1106739 <i>OQD:</i> Uninformative	Białystok, Poland, PL Scenario: Influent WWTP samples from Białystok, Poland-DEHP (n = 5; DF = NR; Sampling Period: Feb., 2011 - Nov., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND % (AM)	NR	ND % (ASD)
Hutchins et al. 1984 <b>HERO ID:</b> 1316091 <i>OQD:</i> Medium	Northwest of Boston, Massachusetts, US Scenario: Imhoff tank effluent from primary treatment of domestic WWTP (n = 3; DF = 1; Sampling Period: Oct., 1978)	LOD: Not Reported LOQ: Not Reported	NR	NR	5.6 $\mu\text{g/L}$ (AM)	NR	NR
Kirchmann et al. 1991 <b>HERO ID:</b> 1333321 <i>OQD:</i> Low	Vadstena, SE Scenario: Sewage sludge samples (n = 3; DF = 1; Sampling Period: 1989)	LOD: Not Reported LOQ: Not Reported	NR	NR	116.0 $\text{mg/kg}$ (AM)	NR	NR
Enwright Associates et al. 1985 <b>HERO ID:</b> 1335577 <i>OQD:</i> Medium	Virginia, US Scenario: Chemical pond wastewater from Allied Corporation, Chesterfield Plant (n = 21; DF = 0; Sampling Period: Feb., 1984)	LOD: 2.0 $\mu\text{g/L}$ LOQ: Not Reported	NR	NR	ND	NR	NR
Ghassemi et al. 1984 <b>HERO ID:</b> 1358515 <i>OQD:</i> Medium	USA, US Scenario: Leachate from 11 waste disposal sites (n = 8; DF = 0.125; Sampling Period: Jan., 1981 - Jan., 1983)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.20 $\text{mg/L}$ (AM)	NR	NR
Meng et al. 2014 <b>HERO ID:</b> 2345986 <i>OQD:</i> Medium	Shanghai, East China, CN Scenario: Final sewage sludge from WWTPs in a highly urbanized city in East China (n = 25; DF = 1.0; Sampling Period: Jun., 2010 - Oct., 2010)	LOD: 1.0 pg LOQ: 380 pg/g	17.8 $\mu\text{g/g}$	1340 $\mu\text{g/g}$	97.4 $\mu\text{g/g}$ (AM)	50th: 49.1 $\mu\text{g/g}$ ;	NR
Tran et al. 2014 <b>HERO ID:</b> 2519056 <i>OQD:</i> Medium	Essonne, FR Scenario: WWTP influent water from Charmoise River (n = 48; DF = NR; Sampling Period: Feb., 2010 - Feb., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	33.3 $\mu\text{g/L}$ (GM)	NR	15.4 $\mu\text{g/L}$ (GSD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Tran et al. 2014 <b>HERO ID:</b> 2519056 <i>OQD:</i> Medium	Essonne, FR Scenario: WWTP effluent water into Charmoise River (n = 48; DF = NR; Sampling Period: Feb., 2010 - Feb., 2011)	LOD: Not Reported LOQ: Not Reported	NR	NR	2.0 $\mu\text{g/L}$ (GM)	NR	1.2 $\mu\text{g/L}$ (GSD)
Tran et al. 2015 <b>HERO ID:</b> 2914670 <i>OQD:</i> Medium	Essonne, France, FR Scenario: Sewage sludge from the WWTP of Fontenay-les-Briis (n = 4; DF = NR; Sampling Period: 2010 - 2011)	LOD: 1.5 pg/g LOQ: Not Reported	NR	NR	12.9 $\mu\text{g/kg}$ (AM)	NR	9.35 $\mu\text{g/kg}$ (ASD)
Ekklesia et al. 2015 <b>HERO ID:</b> 3045542 <i>OQD:</i> Medium	Singapore, SG Scenario: Influent wastewater from 5 manholes in high- and low-density residential areas prior to arrival at WWTP (n = 5; DF = 1; Sampling Period: Jan., 2011 - Jul., 2012)	LOD: 2.0 $\mu\text{g/L}$ LOQ: Not Reported	1.015162 $\mu\text{g/L}$	1.569952 $\mu\text{g/L}$	1.299793 $\mu\text{g/L}$ (GM)	25th: 1.061337 $\mu\text{g/L}$ ; 50th: 1.292212 $\mu\text{g/L}$ ; 75th: 1.542385 $\mu\text{g/L}$ ;	NR
Liu et al. 2016 <b>HERO ID:</b> 3350971 <i>OQD:</i> Medium	Eastern China, CN Scenario: Wastewater from a chemical industrial park (n = 7; DF = 0.57; Sampling Period: 2016)	LOD: 0.002 $\mu\text{g/L}$ LOQ: Not Reported	NR	0.287 $\mu\text{g/L}$	0.3 $\mu\text{g/L}$ (AM)	NR	NR
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <i>OQD:</i> High <i>MEHHP, MEOHP, MECPP</i>	Santiago, Spain, ES Scenario: 24 h influent wastewater from Santiago WWTP (n = 7; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [6 ng/L; 6 ng/L; 8 ng/L; 7 ng/L; 30 ng/L; 6 ng/L; 10 ng/L; 10 ng/L; 9 ng/L; 14 ng/L; 8 ng/L; 22 ng/L; 10 ng/L; 13 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <i>OQD:</i> High <i>MEHHP, MEOHP, MECPP</i>	Ares, Spain, ES Scenario: 24 h influent wastewater from Ares WWTP (n = 1; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [36 ng/L; 20 ng/L; 20 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <i>OQD:</i> High <i>MEHHP, MEOHP, MECPP</i>	Ares, Spain, ES Scenario: 24 h effluent wastewater from Ares WWTP (n = 1; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [96 ng/L; 80 ng/L; 28 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <i>OQD:</i> High <i>MEHHP, MEOHP, MECPP</i>	Baiona, Spain, ES Scenario: 24 h influent wastewater from Baiona WWTP (n = 1; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [31 ng/L; 21 ng/L; 14 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <i>OQD:</i> High <i>MEHHP, MEOHP, MECPP</i>	Baiona, Spain, ES Scenario: 24 h effluent wastewater from Baiona WWTP (n = 1; DF = 0; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <b>OQD:</b> High <i>MEHHP, MEOHP, MECP</i>	Cambados, Spain, ES Scenario: 24 h influent wastewater from Cambados WWTP (n = 1; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [62 ng/L; 28 ng/L; 26 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <b>OQD:</b> High <i>MEHHP, MEOHP, MECP</i>	Cambados, Spain, ES Scenario: 24 h effluent wastewater from Cambados WWTP (n = 1; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [972 ng/L; 395 ng/L; 227 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <b>OQD:</b> High <i>MEHHP, MEOHP, MECP</i>	Gondomar, Spain, ES Scenario: 24 h influent wastewater from Gondomar WWTP (n = 1; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [62 ng/L; 34 ng/L; 43 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <b>OQD:</b> High <i>MEHHP, MEOHP, MECP</i>	Gondomar, Spain, ES Scenario: 24 h effluent wastewater from Gondomar WWTP (n = 1; DF = 0; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <b>OQD:</b> High <i>MEHHP, MEOHP, MECP</i>	Nigran, Spain, ES Scenario: 24 h influent wastewater from Nigran WWTP (n = 1; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [25 ng/L; 8 ng/L; 8 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <b>OQD:</b> High <i>MEHHP, MEOHP, MECP</i>	Nigran, Spain, ES Scenario: 24 h effluent wastewater from Nigran WWTP (n = 1; DF = 0; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	NR	NR	ND	NR	NR
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <b>OQD:</b> High <i>MEHHP, MEOHP, MECP</i>	Santiago, Spain, ES Scenario: Grab effluent wastewater from Santiago WWTP (n = 1; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [12 ng/L; 8 ng/L; 12 ng/L]				
González-Mariño et al. 2017 <b>HERO ID:</b> 3859087 <sup>‡</sup> <b>OQD:</b> High <i>MEHHP, MEOHP, MECP</i>	Santiago, Spain, ES Scenario: Grab influent wastewater from Santiago WWTP (n = 2; DF = 1; Sampling Period: Apr., 2016 - Jun., 2016)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [18 ng/L; 19 ng/L; 12 ng/L; 11 ng/L; 14 ng/L; 12 ng/L; 84 ng/L; 13 ng/L; 15 ng/L; 84 ng/L; 16 ng/L; 16 ng/L]				
Olofsson et al. 2013 <b>HERO ID:</b> 4182871 <b>OQD:</b> Medium	Stockholm, SE Scenario: STP A sludge, mix of industrial sewage (n = 3; DF = 1; Sampling Period: Fall, 2004)	LOD: Not Reported LOQ: Not Reported	NR	NR	60 mg/kg (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Olofsson et al. 2013 <b>HERO ID: 4182871</b> OQD: Medium	Gothenburg, SE Scenario: STP B sludge, mix of industrial sewage (n = 3; DF = 1; Sampling Period: Fall, 2004)	LOD: Not Reported LOQ: Not Reported	NR	NR	95 mg/kg (AM)	NR	NR
Olofsson et al. 2013 <b>HERO ID: 4182871</b> OQD: Medium	Eslöv, SE Scenario: STP C sludge, food industry sewage (n = 3; DF = 1; Sampling Period: Fall, 2004)	LOD: Not Reported LOQ: Not Reported	NR	NR	34 mg/kg (AM)	NR	NR
Olofsson et al. 2013 <b>HERO ID: 4182871</b> OQD: Medium	Umeå, SE Scenario: STP D sludge, hospital sewage (n = 3; DF = 1; Sampling Period: Fall, 2004)	LOD: Not Reported LOQ: Not Reported	NR	NR	220 mg/kg (AM)	NR	NR
Olofsson et al. 2013 <b>HERO ID: 4182871</b> OQD: Medium	Borås, SE Scenario: STP E sludge, hospital/textile/chemical industry sewage (n = 3; DF = 1; Sampling Period: Fall, 2004)	LOD: Not Reported LOQ: Not Reported	NR	NR	41 mg/kg (AM)	NR	NR
Olofsson et al. 2013 <b>HERO ID: 4182871</b> OQD: Medium	Alingsås, SE Scenario: STP F sludge, laundry industry sewage (n = 3; DF = 1; Sampling Period: Fall, 2004)	LOD: Not Reported LOQ: Not Reported	NR	NR	60 mg/kg (AM)	NR	NR
Olofsson et al. 2013 <b>HERO ID: 4182871</b> OQD: Medium	Floda, SE Scenario: STP G sludge, household sewage (n = 3; DF = 1; Sampling Period: Fall, 2004)	LOD: Not Reported LOQ: Not Reported	NR	NR	65 mg/kg (AM)	NR	NR
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Adelaide, South Africa, ZA Scenario: Influent from Adelaide WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	3.44 µg/L	48.16 µg/L	28.83 µg/L (AM)	NR	7.33 µg/L (SE)
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Adelaide, South Africa, ZA Scenario: Effluent from Adelaide WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	2.05 µg/L	18.25 µg/L	9.23 µg/L (AM)	NR	2.34 µg/L (SE)
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Adelaide, South Africa, ZA Scenario: Sludge from Adelaide WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	39.96 µg/L	200.99 µg/L	120.48 µg/L (AM)	NR	46.49 µg/L (SE)
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Alice, South Africa, ZA Scenario: Influent from Alice WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	6.13 µg/L	94.87 µg/L	33.69 µg/L (AM)	NR	8.41 µg/L (SE)
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Alice, South Africa, ZA Scenario: Effluent from Alice WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	1.73 µg/L	14.82 µg/L	5.41 µg/L (AM)	NR	1.02 µg/L (SE)
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Alice, South Africa, ZA Scenario: Sludge from Alice WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	270.66 µg/L	352.70 µg/L	311.68 µg/L (AM)	NR	23.68 µg/L (SE)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Seymour, South Africa, ZA Scenario: Influent from Seymour WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	2.68 µg/L	62.60 µg/L	20.72 µg/L (AM)	NR	2.27 µg/L (SE)
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Seymour, South Africa, ZA Scenario: Effluent from Seymour WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	2.42 µg/L	24.91 µg/L	13.27 µg/L (AM)	NR	4.84 µg/L (SE)
Salaudeen et al. 2018 <b>HERO ID: 4728386</b> OQD: High	Seymour, South Africa, ZA Scenario: Sludge from Seymour WWTP (n = 6; DF = 1; Sampling Period: Feb., 2016 - Jul., 2016)	LOD: 0.88 µg/L LOQ: 1.75-3.99 µg/L	246.04 µg/L	481.27 µg/L	353.77 µg/L (AM)	NR	48.52 µg/L (SE)
Wu et al. 2019 <b>HERO ID: 5442818</b> OQD: High	Qingdao, China, CN Scenario: Influent wastewater from Chengyang WWTP in a coastal city of China (n = 57; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	3.84 ng/mL	4.10 ng/mL	3.83 ng/mL (AM)	NR	NR
Wu et al. 2019 <b>HERO ID: 5442818</b> OQD: High	Qingdao, China, CN Scenario: Influent wastewater from Licun WWTP in a coastal city of China (n = 57; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	2.04 ng/mL	5.60 ng/mL	3.83 ng/mL (AM)	NR	NR
Wu et al. 2019 <b>HERO ID: 5442818</b> OQD: High	Qingdao, China, CN Scenario: Influent wastewater from Haibo River WWTP in a coastal city of China (n = 57; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	3.56 ng/mL	4.14 ng/mL	3.84 ng/mL (AM)	NR	NR
Wu et al. 2019 <b>HERO ID: 5442818</b> OQD: High	Qingdao, China, CN Scenario: Effluent wastewater from Chengyang WWTP in a coastal city of China (n = 57; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.03 ng/mL (AM)	NR	NR
Wu et al. 2019 <b>HERO ID: 5442818</b> OQD: High	Qingdao, China, CN Scenario: Effluent wastewater from Licun WWTP in a coastal city of China (n = 57; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	0.38 ng/mL (AM)	NR	NR
Wu et al. 2019 <b>HERO ID: 5442818</b> OQD: High	Qingdao, China, CN Scenario: Effluent wastewater from Haibo River WWTP in a coastal city of China (n = 57; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	1.32 ng/mL (AM)	NR	NR
Wu et al. 2019 <b>HERO ID: 5442818</b> OQD: High	Qingdao, China, CN Scenario: Sludge from Chengyang WWTP in a coastal city of China (n = 9; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	26.04 ng/mL (AM)	NR	6.24 ng/mL (ASD)

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Wu et al. 2019 <b>HERO ID:</b> 5442818 <i>OQD:</i> High	Qingdao, China, CN Scenario: Sludge from Licun WWTP in a coastal city of China (n = 9; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	16.08 ng/mL (AM)	NR	1.73 ng/mL (ASD)
Wu et al. 2019 <b>HERO ID:</b> 5442818 <i>OQD:</i> High	Qingdao, China, CN Scenario: Sludge from Haibo River WWTP in a coastal city of China (n = 9; DF = 1; Sampling Period: Apr., 2014)	LOD: Not Reported LOQ: Not Reported	NR	NR	28.04 ng/mL (AM)	NR	6.01 ng/mL (ASD)
Wilk et al. 2019 <b>HERO ID:</b> 5709835 <i>OQD:</i> Medium	Pomerania region and Gdynia, PL Scenario: Pretreated wastewater from Cruise Ships and Ferries (PMT-WW) (n = 10; DF = 0; Sampling Period: Apr., 2015 - Oct., 2016)	LOD: 44.8 µg/L LOQ: 149 µg/L	NR	NR	<LOD	NR	NR
Wilk et al. 2019 <b>HERO ID:</b> 5709835 <i>OQD:</i> Medium	Pomerania region and Gdynia, PL Scenario: Raw wastewater from Cruise Ships and Ferries (RMT-WW) (n = 10; DF = 0.90; Sampling Period: Apr., 2015 - Oct., 2016)	LOD: 44.8 µg/L LOQ: 149 µg/L	<LOD	738 µg/L	NR	NR	NR
Wilk et al. 2019 <b>HERO ID:</b> 5709835 <i>OQD:</i> Medium	Pomerania region and Gdynia, PL Scenario: Inflow of a municipal WWTP (n = 6; DF = 0.5; Sampling Period: Jan., 2015 - Dec., 2016)	LOD: 44.8 µg/L LOQ: 149 µg/L	<LOD	<LOQ	NR	NR	NR
Loraine et al. 2006 <b>HERO ID:</b> 5743010 <i>OQD:</i> Medium	San Diego County, CA, US Scenario: Reclaimed wastewater for nonpotable use (WWRP effluent) (n = 6; DF = 0.67; Sampling Period: Sept., 2001 - Jun., 2002)	LOD: 3.53 µg/L LOQ: Not Reported	4.49 µg/L	20.7 µg/L	10.8 µg/L (AM)	NR	NR
Kotowska et al. 2020 <b>HERO ID:</b> 6958938 <i>OQD:</i> High	Multiple regions in Poland, PL Scenario: Influent wastewaters from WWTP in Poland (n = 36; DF = 0.97; Sampling Period: May, 2010 - May, 2012)	LOD: 0.0008 µg/L LOQ: 0.0028 µg/L	<LOD	143.3 µg/L	16.6 µg/L (AM)	50th: 8.27 µg/L;	3.32 µg/L (ASD)
Kotowska et al. 2020 <b>HERO ID:</b> 6958938 <i>OQD:</i> High	Multiple regions in Poland, PL Scenario: Effluent wastewaters from WWTP in Poland (n = 36; DF = 0.97; Sampling Period: May, 2010 - May, 2012)	LOD: 0.002 µg/L LOQ: 0.007 µg/L	<LOD	27.1 µg/L	4.01 µg/L (AM)	50th: 2.35 µg/L;	1.92 µg/L (ASD)
Lee et al. 2019 <b>HERO ID:</b> 6959335 <i>OQD:</i> High	KR Scenario: Effluent sludge from WWTPs receiving domestic waste (n = 16; DF = 1; Sampling Period: Jul., 2011 - Oct., 2011)	LOD: 18.31 ng/g LOQ: Not Reported	10000 ng/g	120000 ng/g	64000 ng/g (AM)	NR	NR
Lee et al. 2019 <b>HERO ID:</b> 6959335 <i>OQD:</i> High	KR Scenario: Effluent sludge from WWTPs receiving mixed (industrial and domestic) waste (n = 9; DF = 1; Sampling Period: Jul., 2011 - Oct., 2011)	LOD: 18.31 ng/g LOQ: Not Reported	31000 ng/g	71000 ng/g	50000 ng/g (AM)	NR	NR

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Lee et al. 2019 <b>HERO ID:</b> 6959335 <i>OQD:</i> High	KR Scenario: Effluent sludge from WWTPs receiving industrial waste (n = 15; DF = 1; Sampling Period: Jul., 2011 - Oct., 2011)	LOD: 18.31 ng/g LOQ: Not Reported	1400 ng/g	1000000 ng/g	92000 ng/g (AM)	NR	NR
Dong et al. 2020 <b>HERO ID:</b> 7976582 <i>OQD:</i> Medium	Southwest, TW Scenario: Sludge from seven WWTP in Taiwan (n = 7; DF = 1; Sampling Period: 2020)	LOD: 0.016 mg/kg LOQ: Not Reported	POINT VALUE(S): [7.096 mg/kg; 11.63 mg/kg; 1.569 mg/kg; 30.26 mg/kg; 11.06 mg/kg; 10.25 mg/kg; 35.67 mg/kg]				
WSDE et al. 2022 <b>HERO ID:</b> 11505405 <i>OQD:</i> Medium	Puget Sound region, WA, US Scenario: Pretreated food processing wastewaters that are received by POTWs (n = 1; DF = NR; Sampling Period: Jan., 2021 - Apr., 2021)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND µg/L]				
WSDE et al. 2022 <b>HERO ID:</b> 11505405 <i>OQD:</i> Medium	Puget Sound region, WA, US Scenario: Pretreated metal finishing wastewaters that are received by POTWs (n = 1; DF = NR; Sampling Period: Jan., 2021 - Apr., 2021)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [9.559 µg/L; ND µg/L]				
WSDE et al. 2022 <b>HERO ID:</b> 11505405 <i>OQD:</i> Medium	Puget Sound region, WA, US Scenario: Pretreated steel foundry wastewaters that are received by POTWs (n = 1; DF = NR; Sampling Period: Jan., 2021 - Apr., 2021)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND µg/L]				
WSDE et al. 2022 <b>HERO ID:</b> 11505405 <i>OQD:</i> Medium	Puget Sound region, WA, US Scenario: Pretreated aerospace/aircraft modification wastewaters that are received by POTWs (n = 1; DF = NR; Sampling Period: Jan., 2021 - Apr., 2021)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND µg/L; ND µg/L]				
WSDE et al. 2022 <b>HERO ID:</b> 11505405 <i>OQD:</i> Medium	Puget Sound region, WA, US Scenario: Pretreated landfill wastewaters that are received by POTWs (n = 1; DF = NR; Sampling Period: Jan., 2021 - Apr., 2021)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2.175 µg/L]				
WSDE et al. 2022 <b>HERO ID:</b> 11505405 <i>OQD:</i> Medium	Puget Sound region, WA, US Scenario: Pretreated industrial laundry wastewaters that are received by POTWs (n = 1; DF = NR; Sampling Period: Jan., 2021 - Apr., 2021)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [125.275 µg/L]				
WSDE et al. 2022 <b>HERO ID:</b> 11505405 <i>OQD:</i> Medium	Puget Sound region, WA, US Scenario: Pretreated ship building and repair wastewaters that are received by POTWs (n = 1; DF = NR; Sampling Period: Jan., 2021 - Apr., 2021)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [ND µg/L]				
Wang et al. 2022 <b>HERO ID:</b> 11784627 <i>OQD:</i> Medium	Western region, TW Scenario: Sludge from 3 water treatment plants (WTP) receiving surface water (n = 3; DF = 1; Sampling Period: 2022)	LOD: 1.72 µg/kg LOQ: Not Reported	POINT VALUE(S): [2049 µg/kg; 1488 µg/kg; 1326 µg/kg]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Wang et al. 2022 <b>HERO ID:</b> 11784627 <i>OQD:</i> Medium	Western region, TW Scenario: Sludge from 8 sewage treatment plants (STP) receiving domestic wastewater (n = 8; DF = 1; Sampling Period: 2022)	LOD: 1.72 $\mu\text{g/kg}$ LOQ: Not Reported	POINT VALUE(S): [4544 $\mu\text{g/kg}$ ; 10784 $\mu\text{g/kg}$ ; 2036 $\mu\text{g/kg}$ ; 22609 $\mu\text{g/kg}$ ; 9590 $\mu\text{g/kg}$ ; 12444 $\mu\text{g/kg}$ ; 7639 $\mu\text{g/kg}$ ; 6471 $\mu\text{g/kg}$ ]				
Wang et al. 2022 <b>HERO ID:</b> 11784627 <i>OQD:</i> Medium	Western region, TW Scenario: Sludge from 6 industrial waste treatment plants (ITP) receiving wastewater from various industries (n = 6; DF = 1; Sampling Period: 2022)	LOD: 1.72 $\mu\text{g/kg}$ LOQ: Not Reported	POINT VALUE(S): [18161 $\mu\text{g/kg}$ ; 5036 $\mu\text{g/kg}$ ; 7634 $\mu\text{g/kg}$ ; 5572 $\mu\text{g/kg}$ ; 14828 $\mu\text{g/kg}$ ; 3814 $\mu\text{g/kg}$ ]				
Sanchez-Avila et al. 2009 <b>HERO ID:</b> 547906 <i>OQD:</i> High	Maresme, Catalonia, ES Scenario: Wastewater (raw influent) (n = 6; DF = NR; Sampling Period: Nov., 2007)	LOD: 13.0 $\text{ng/L}$ LOQ: Not Reported	NR	NR	47.9 $\mu\text{g/L}$ (AM)	NR	25 $\mu\text{g/L}$ (ASD)
Sanchez-Avila et al. 2009 <b>HERO ID:</b> 547906 <i>OQD:</i> High	Maresme, Catalonia, ES Scenario: Wastewater (treated effluent) (n = 6; DF = NR; Sampling Period: Nov., 2007)	LOD: 13.0 $\text{ng/L}$ LOQ: Not Reported	NR	NR	9.43 $\mu\text{g/L}$ (AM)	NR	8.4 $\mu\text{g/L}$ (ASD)
Chen et al. 2009 <b>HERO ID:</b> 697481 <i>OQD:</i> High	Meppen, DE Scenario: Sludge from reed bed of WWTP in Germany (n = 10; DF = 1; Sampling Period: Jun., 2006 - Jul., 2007)	LOD: 3-30 $\text{ng/g}$ LOQ: 10-100 $\text{ng/g}$	7200 $\text{ng/g}$	11500 $\text{ng/g}$	9733.33 $\text{ng/g}$ (AM)	50th: 10500 $\text{ng/g}$ ;	2550.19 $\text{ng/g}$ (ASD)
Aparicio et al. 2009 <b>HERO ID:</b> 697741 <i>OQD:</i> Medium	Seville, ES Scenario: Compost from four wastewater treatment plants in Seville. (n = 4; DF = 1; Sampling Period: Jan., 2005 - Oct., 2005)	LOD: 0.02 $\text{mg/kg}$ LOQ: 0.07 $\text{mg/kg}$	RSD: 41 %				
Martí et al. 2011 <b>HERO ID:</b> 1002160 <i>OQD:</i> High	Comunidad Valenciana region, ES Scenario: Treated wastewater effluent from WWTPs (n = 84; DF = 0.32; Sampling Period: Mar., 2008 - Nov., 2008)	LOD: 0.25 $\text{mg/L}$ LOQ: Not Reported	<LOD	0.25 $\text{mg/L}$	NR	50th: <LOD;	NR
Dargnat et al. 2009 <b>HERO ID:</b> 1322123 <i>OQD:</i> High	Seine River Estuary, FR Scenario: Wastewater discharges from three WWTPs into the Seine estuary. (n = 3; DF = 1; Sampling Period: Jul., 2006)	LOD: 62 $\text{ng/L}$ LOQ: Not Reported	1583 $\text{ng/L}$	3522 $\text{ng/L}$	2253.3 $\text{ng/L}$ (AM)	50th: 1655 $\text{ng/L}$ ;	NR
Gasperi et al. 2012 <b>HERO ID:</b> 1333850 <i>OQD:</i> Medium	Paris, FR Scenario: CSO samples collected from the Clichy outfall in Paris proper. (n = 4; DF = 1; Sampling Period: Jul., 2010 - Sept., 2010)	LOD: 5 $\mu\text{g/L}$ LOQ: Not Reported	Point Value: 7.990 $\mu\text{g/L}$ ; Point Value: 13.300 $\mu\text{g/L}$				
de Los Ríos et al. 2012 <b>HERO ID:</b> 1401402 <i>OQD:</i> Medium	Cantabria, northern Spain, ES Scenario: Water from the outfall in Cantabria, Spain. (n = 3; DF = 1; Sampling Period: May, 2007 - Aug., 2007)	LOD: Not Reported LOQ: Not Reported	NR	NR	40.36 $\mu\text{g/L}$ (AM)	NR	35.57 $\mu\text{g/L}$ (ASD)
de Los Ríos et al. 2012 <b>HERO ID:</b> 1401402 <i>OQD:</i> Medium	Cantabria, northern Spain, ES Scenario: Water from the wastewater treatment plant in Cantabria, Spain. (n = 3; DF = 1; Sampling Period: May, 2007 - Aug., 2007)	LOD: Not Reported LOQ: Not Reported	Point Value: 63.68 $\mu\text{g/L}$ ; Point Value: 4.17 $\mu\text{g/L}$ ; Point Value: 68.95 $\mu\text{g/L}$				

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Table 15 – continued from previous page

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: Residential wastewater (n = 2; DF = 1; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [3.3 µg/L; 9.1 µg/L]				
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: Nail salon wastewater (n = 1; DF = 1; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [1.2 µg/L]				
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: Industrial laundry wastewater (n = 2; DF = 1; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [30 µg/L; 2700 µg/L]				
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: Diaper service/coin laundry wastewater (n = 2; DF = 1; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.63 µg/L; 66 µg/L]				
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: Pet wash/Veterinary clinic wastewater (n = 2; DF = 0.5; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: 11 µg/L LOQ: Not Reported	POINT VALUE(S): [6.5 µg/L; ND]				
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: Hospital/Medical clinic wastewater (n = 2; DF = 1; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [2.7 µg/L; 1 µg/L]				
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: Manufacturers wastewater (pharmaceutical, plastic bag, paper products, beverage, and adhesives) (n = 5; DF = 0.8; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.99 µg/L; 49 µg/L; 6.8 µg/L; 47 µg/L; ND]				
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: Pre-treatment WWTP Influent (n = 2; DF = 1; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [9.2 µg/L; 33 µg/L]				
Jackson et al. 2008 <b>HERO ID: 1408465</b> OQD: Medium	Eastern shore of San Francisco Bay, US Scenario: WWTP Effluent (n = 3; DF = 1; Sampling Period: Aug., 2006 - Nov., 2006)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [0.21 µg/L; 2.9 µg/L; 1 µg/L]				
Kinney et al. 2010 <b>HERO ID: 5428395</b> OQD: Medium	Midwest and Northwest, US Scenario: Biosolids at Site 2 (n = 3; DF = 1; Sampling Period: Apr., 2005)	LOD: Not Reported LOQ: Not Reported	%RSD: 22 ng/g				
Launay et al. 2016 <b>HERO ID: 5664394</b> OQD: High	Stuttgart, DE Scenario: Combined sewer overflows - Effluent (n = 7; DF = NR; Sampling Period: Jul., 2014 - Oct., 2014)	LOD: 500 ng/L LOQ: 1000 ng/L	<LOQ	5400 ng/L	2643 ng/L (AM)	50th: 2108 ng/L;	NR
Launay et al. 2016 <b>HERO ID: 5664394</b> OQD: High	Stuttgart, DE Scenario: WWTP - Influent (n = 9; DF = NR; Sampling Period: Feb., 2014 - Jul., 2014)	LOD: 500 ng/L LOQ: 1000 ng/L	4100 ng/L	16000 ng/L	8511 ng/L (AM)	50th: 7000 ng/L;	NR

‡ Data extraction results are for metabolite concentrations.



Table 16: Data Extraction Tables of Exposure Experimental Studies for Consumer Products

Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Tsumura et al. 2001 <b>HERO ID:</b> 683035 <i>OQD:</i> Medium	JP (Testing Location) Scenario: Measured concentration in fabric (medium hard type) PVC gloves (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [221 mg/g; 22.1 %]				
Tsumura et al. 2001 <b>HERO ID:</b> 683035 <i>OQD:</i> Medium	JP (Testing Location) Scenario: Measured concentration in fabric (soft type) PVC gloves (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [410 mg/g; 41 %]				
Tsumura et al. 2001 <b>HERO ID:</b> 683035 <i>OQD:</i> Medium	JP (Testing Location) Scenario: Measured concentration in market (soft type) PVC gloves (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [301 mg/g; 30.1 %; 7.5 %]				
Ionas et al. 2014 <b>HERO ID:</b> 2345985 <i>OQD:</i> High	Cities and Regions NR, CN,HK,IT,KR,NL,ES,TH,US (Product source) Scenario: Measured concentration in hard plastic children's toys (n = 25; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	<LOQ	<LOQ	50th: <LOQ;	NR
Ionas et al. 2014 <b>HERO ID:</b> 2345985 <i>OQD:</i> High	Cities and Regions NR, CN,HK,IT,KR,NL,ES,TH,US (Product source) Scenario: Measured concentration in soft plastic and rubber children's toys (n = 16; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	<LOQ	<LOQ	50th: <LOQ;	NR
Ionas et al. 2014 <b>HERO ID:</b> 2345985 <i>OQD:</i> High	Cities and Regions NR, CN,HK,IT,KR,NL,ES,TH,US (Product source) Scenario: Measured concentration in wood children's toys (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	NR	<LOQ	<LOQ	50th: <LOQ;	NR
Ionas et al. 2014 <b>HERO ID:</b> 2345985 <i>OQD:</i> High	Cities and Regions NR, CN,HK,IT,KR,NL,ES,TH,US (Product source) Scenario: Measured concentration in foam and textile children's toys (n = 8; DF = 0.88)	LOD: Not Reported LOQ: Not Reported	NR	<LOQ	<LOQ	50th: <LOQ;	NR
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in dolphin swim aid analyzed by DESI MS (n = 1; DF = 1)	LOD: 0.8 % LOQ: 1.35 %	POINT VALUE(S): [27.2 %]				
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in dolphin swim aid analyzed by HPLC-DAD (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported	POINT VALUE(S): [20 %]				

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Citation Information	Site and Data Description	Limit (LOD/LOQ)	Min	Max	Mean	Percentile	Variance
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in pidgin swim aid analyzed by DESI MS (n = 1; DF = 1)	LOD: 0.8 % LOQ: 1.35 %				POINT VALUE(S): [28.6 %]	
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in pidgin swim aid analyzed by HPLC-DAD (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [24.7 %]	
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in puppet analyzed by DESI MS (n = 1; DF = 1)	LOD: 0.8 % LOQ: 1.35 %				POINT VALUE(S): [34.4 %]	
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in puppet analyzed by HPLC-DAD (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [25.9 %]	
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in swim ring analyzed by DESI MS (n = 1; DF = 1)	LOD: 0.8 % LOQ: 1.35 %				POINT VALUE(S): [22.5 %]	
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in swim ring analyzed by GC-FID and GC-MS (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [28 %]	
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in toy stethoscope analyzed by DESI MS (n = 1; DF = 1)	LOD: 0.8 % LOQ: 1.35 %				POINT VALUE(S): [33.9 %]	
Schulz et al. 2015 <b>HERO ID:</b> 2914652 <i>OQD:</i> High	Bremen, Germany, DE (Product source) Scenario: Concentration in toy stethoscope analyzed by GC-FID and GC-MS (n = 1; DF = 1)	LOD: Not Reported LOQ: Not Reported				POINT VALUE(S): [31 %]	
Nilsson et al. 2006 <b>HERO ID:</b> 6302197 <i>OQD:</i> High	DK (Author Affiliation) Scenario: Measured concentrations in adult toys (vibrator, dildo, gag) (n = 13; DF = 1)	LOD: 0.2 µg/g LOQ: 1 µg/g				POINT VALUE(S): [ <LOD; 0.73 mg/g; 610 mg/g; 363 mg/g; <LOD; 702 mg/g; <LOD; 3.5 mg/g; <LOD; <LOD; 176 mg/g; 200 mg/g; 70.2 %; 17.6 %; 21 %]	
Nilsson et al. 2006 <b>HERO ID:</b> 6302197 <i>OQD:</i> High	DK (Author Affiliation) Scenario: Measured concentration in fetish clothing and Transparent bra (n = 3; DF = 1)	LOD: 0.2 µg/g LOQ: 1 µg/g				POINT VALUE(S): [ <LOD; <LOD; 265 mg/g]	

Table 17: Data Extraction Tables of Exposure Modeling Studies for Dust (Indoor)

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Valazquez-Gomez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> High	Barcelona, ES (Modeled Location) Scenario: Modeled toddler daily intake from median dust ingestion	NR	NR	NR	50th: 2490 ng/kg/day; 95th: 4640 ng/kg/day;	NR
Valazquez-Gomez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> High	Barcelona, ES (Modeled Location) Scenario: Modeled teenager daily intake from median dust ingestion	NR	NR	NR	50th: 166 ng/kg/day; 95th: 369 ng/kg/day;	NR
Valazquez-Gomez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> High	Barcelona, ES (Modeled Location) Scenario: Modeled toddler daily intake from high dust ingestion	NR	NR	NR	50th: 9964 ng/kg/day; 95th: 18562 ng/kg/day;	NR
Valazquez-Gomez et al. 2019 <b>HERO ID:</b> 5043338 <i>OQD:</i> High	Barcelona, ES (Modeled Location) Scenario: Modeled teenager daily intake from high dust ingestion	NR	NR	NR	50th: 415 ng/kg/day; 95th: 922 ng/kg/day;	NR
Giovanoulis et al. 2019 <b>HERO ID:</b> 5412073 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled daily exposure dose for preschoolers from dust ingestion, intermediate exposure	NR	NR	275 ng/kg bw/day (AM)	50th: 247 ng/kg bw/day; 95th: 486 ng/kg bw/day;	NR
Giovanoulis et al. 2019 <b>HERO ID:</b> 5412073 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled daily exposure dose for preschoolers from dust ingestion, high exposure	NR	NR	459 ng/kg bw/day (AM)	50th: 412 ng/kg bw/day; 95th: 810 ng/kg bw/day;	NR
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled adult oral dose during average dust intake using median concentrations	POINT VALUE(S): [89 ng/kg bw/day]				
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled adult oral dose during high dust intake using median concentrations	POINT VALUE(S): [221 ng/kg bw/day]				
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled adult oral dose during high dust intake using 95th percentile concentrations	POINT VALUE(S): [1247 ng/kg bw/day]				
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled toddler oral dose during average dust intake using median concentrations	POINT VALUE(S): [1825 ng/kg bw/day]				
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled toddler oral dose during high dust intake using median concentrations	POINT VALUE(S): [7301 ng/kg bw/day]				

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Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled toddler oral dose during high dust intake using 95th percentile concentrations					
POINT VALUE(S): [41151 ng/kg bw/day]						

Table 18: Data Extraction Tables of Exposure Modeling Studies for Indoor Air

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Shin et al. 2014 <b>HERO ID:</b> 2215665 <i>OQD:</i> Medium	Northern CA, Northeast MD, Southeast PA, US (Product Source) Scenario: Modeled Emission Rates of SVOCs in a whole house from indoor surfaces	-1.988 log10 mg/day	1.770 log10 mg/day	NR	25th: -0.576 log10 mg/day; 50th: -0.136 log10 mg/day; 75th: 0.412 log10 mg/day;	NR
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled adult inhalation dose during average air intake using median concentrations	POINT VALUE(S): [37 ng/kg bw/day]				
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled adult inhalation dose during high air intake using 95th percentile concentrations	POINT VALUE(S): [68 ng/kg bw/day]				
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled toddler inhalation dose during average air intake using median concentrations	POINT VALUE(S): [151 ng/kg bw/day]				
Luongo et al. 2016 <b>HERO ID:</b> 5469670 <i>OQD:</i> Medium	Stockholm, SE (Modeled Location) Scenario: Modeled toddler inhalation dose during high air intake using 95th percentile concentrations	POINT VALUE(S): [280 ng/kg bw/day]				

Table 19: Data Extraction Tables of Exposure Modeling Studies for Sediment

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Suzuki et al. 2004 <b>HERO ID:</b> 198786 <i>OQD:</i> High	JP (Modeled Location) Scenario: Modeled sediment concentration				1 percentile: 0.00074 ng/g	

Table 20: Data Extraction Tables of Exposure Modeling Studies for Soil

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Suzuki et al. 2004 <b>HERO ID:</b> 198786 <i>OQD:</i> High	JP (Modeled Location) Scenario: Modeled soil concentration				1 percentile: 0.00016 ng/g	

Table 21: Data Extraction Tables of Exposure Modeling Studies for Surface Water

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Suzuki et al. 2004 <b>HERO ID:</b> 198786 <i>OQD:</i> High	JP (Modeled Location) Scenario: Modeled river concentration				1 percentile: 0.00078 ng/L	



Table 22: Data Extraction Tables of Exposure Modeling Studies for Product/Article

Citation Information	Site and Data Description	Min	Max	Mean	Percentile	Variance
Shin et al. 2014 <b>HERO ID:</b> 2215665 <i>OQD:</i> Medium	Northern CA, Northeast MD, Southeast PA, US (Product Source) Scenario: Modeled Emission Rates of SVOCs from indoor building materials	NR	NR	0.042 log10 mg/day (AM)	NR	NR

Table 23: Glossary of Select Terms for Data Extraction

Term	Definition
7Q10	Lowest 7-day average flow that occurs (on average) once every 10 years
30Q5	Lowest 30-day average flow that occurs (on average) once every 5 years
ADD	Average daily dose
ADC	Average daily concentration
AERMOD	American Meteorological Society/EPA Regulatory Model
AERR	Air Emissions Reporting Requirements
AGD	Anogenital distance
APDR	Acute Potential Dose Rate
BAF	Bioaccumulation factor
BBP	Butyl benzyl phthalate
BLS	Bureau of Labor Statistics
CASRN	Chemical Abstracts Service Registry Number
CAP	Criteria Air Pollutants and PreCursors
CBI	Confidential business information
CDC	Centers for Disease Control and Prevention (U.S.)
CDR	Chemical Data Reporting
CEHD	Chemical Exposure Health Data
CEM	Consumer Exposure Model
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
COC	Concentration of concern
CPSC	Consumer Product Safety Commission
CRA	Cumulative risk assessment
CWA	Clean Water Act
DBP	Dibutyl phthalate
DCHP	Dicyclohexyl phthalate
DEHP	Diethylhexyl phthalate
DIBP	Diisobutyl phthalate
DIDP	Diisodecyl phthalate
DINP	Dicyclohexyl phthalate
DIY	Do-it-yourself
DMR	Discharge Monitoring Report
ECJRC	European Commission's Joint Research Centre
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ESD	Emission scenario document
EU	European Union
FDA	Food and Drug Administration
FFDCA	Federal Food, Drug, and Cosmetic Act
GWPC	Ground Water Protection Council
HAP	Hazardous Air Pollutant
HEC	Human equivalent concentration
HED	Human equivalent dose
HV	Hazard value
IADD	Intermediate average daily dose
IIOAC	Integrated Indoor-Outdoor Air Calculator (Model)
IR	Ingestion rate
K <sub>OC</sub>	Soil organic carbon: water partitioning coefficient
K <sub>OW</sub>	Octanol: water partition coefficient
LCD	Life cycle diagram

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Table 23 ...continued from previous page

Term	Definition
LOAEL	Lowest-observed-adverse-effect level
LOD	Limit of detection
LOEC	Lowest-observed-effect concentration
Log $K_{OC}$	Logarithmic organic carbon: water partition coefficient
Log $K_{OW}$	Logarithmic octanol: water partition coefficient
MBP	Monobutyl phthalate
MOA	Mode of action
MOE	Margin of exposure
MRD	Methodology Review Draft
NAICS	North American Industry Classification System
NEI	National Emissions Inventory
NHANES	National Health and Nutrition Examination Survey
NHDPlus	National Hydrography Dataset Plus
NICNAS	National Industrial Chemicals Notification and Assessment Scheme
NOAEL	No-observed-adverse-effect level
NOEC	No-observed-effect-concentration
NPDES	National Pollutant Discharge Elimination System
NTP	National Toxicology Program
OCSPP	Office of Chemical Safety and Pollution Prevention
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational exposure limit
OES	Occupational exposure scenario
OEV	Occupational exposure value
ONU	Occupational non-user
OPPT	Office of Pollution Prevention and Toxics
OSHA	Occupational Safety and Health Administration
P50	The 50th percentile or median flow rate of a distribution of hydrologic flows
P75	The 75th percentile flow rate of a distribution of hydrologic flows
P90	The 90th percentile flow rate of a distribution of hydrologic flows
PBZ	Personal breathing zone
PECO	Population, exposure, comparator, and outcome
PEL	Permissible exposure limit (OSHA)
PESS	Potentially exposed or susceptible subpopulations
PND	Postnatal day
PNOR	Particulates not otherwise regulated
POD	Point of departure
POTW	Publicly owned treatment works
PPAR $\alpha$	Peroxisome proliferator activated receptor alpha
PSC	Point Source Calculator (for VVWM)
PV	Production volume
PVC	Polyvinyl chloride
REL	Recommended Exposure Limit
RPF	Relative potency factor
RQ	Risk quotient
SACC	Science Advisory Committee on Chemicals
SDS	Safety data sheet
SOC	Standard occupational classification
SpERC	Specific emission release category
SSD	Species sensitivity distribution
SUSB	Statistics of U.S. Businesses (U.S. Census)
TRI	Toxic Release Inventory
TRV	Toxicity reference value
TSCA	Toxic Substances Control Act

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**Table 23 ...continued from previous page**

Term	Definition
TSD	Technical support document
TWA	Time-weighted average
UF	Uncertainty factor
U.S.	United States
VVWM-PSC	Variable Volume Water Model with Point Source Calculator tool
WebFIRE	Web Factor Information Retrieval (FIRE) Data System
WORA	Women of reproductive age
WWTP	Wastewater treatment plant