Sample Statistical Summary

MAPEP-13-OrW28

Analyte	T(1)	A(2)	Calc(3) Mean	Std(4) Dev	Assnd(5) Value	Ref Unc	Acceptance Range
Organic							Units: (ug/L)
4,4'-DDD	10	10					
4,4'-DDE	10	9					
4,4'-DDT	10	7	1.36	0.27	1.43	0.04	0.54 - 2.19
Aldrin	10	9	10.66	2.35	12.88	0.20	3.60 - 17.71
alpha Chlordane	9	9					
alpha-BHC	11	11	6.24	1.08	6.94	0.14	2.99 - 9.48
beta-BHC	11	10	10.05	1.76	11.39	0.24	4.76 - 15.34
delta-BHC	11	11	7.07	1.36	7.99	0.80	2.98 - 11.15
Dieldrin	10	9	3.53	0.57	3.81	0.14	1.83 - 5.23
Endosulfan I	10	10					
Endosulfan II	10	10					
Endosulfan sulfate	10	10					
Endrin	10	10	3.62	0.72	3.81	0.14	1.46 - 5.79
Endrin Aldehyde	10	8	13.48	2.95	15.10	0.25	4.64 - 22.33
Endrin Ketone	8	8	6.18	0.93	6.49	0.16	3.40 - 8.96
gamma Chlordane	9	9					
gamma-BHC (Lindane)	11	9					
Heptachlor	10	10					
Heptachlor epoxide	10	10					
Methoxychlor	10	10	3.88	0.96	4.14	0.16	1.01 - 6.75
1,2,4-Trichlorobenzene	15	15					
1,2-Dichlorobenzene	16	16	26.8	7.9	38.8	0.3	3.9 - 50.3
1,3-Dichlorobenzene	14	14					
1,4-Dichlorobenzene	16	16	75.0	21.3	116.9	1.1	11.7 - 138.8
2,4,5-Trichlorophenol	17	17	44.6	8.2	51.4	2.1	20.1 - 69.1
2,4,6-Trichlorophenol	17	16	78.3	15.6	99.0	3.3	31.6 - 125.0
2,4-Dichlorophenol	17	17	41.3	8.7	51.8	1.6	15.3 - 67.3
2,4-Dimethylphenol	17	17	55.5	13.8	73.1	0.50	14.2 - 96.8
2,4-Dinitrophenol	15	15					
2,4-Dinitrotoluene	17	17	22.0	4.8	25.9	0.6	7.6 - 36.3
2,6-Dichlorophenol	10	10	34.3	6.4	40.7		15.1 - 53.5
2,6-Dinitrotoluene	17	17	50.4	8.7	60.7	1.3	24.3 - 76.4
2-Chloronaphthalene	15	15					
2-Chlorophenol	17	17	91.9	19.2	119.0	1.2	34.3 - 149.6
2-Methylnaphthalene	15	15					
2-Methylphenol	17	17	69.0	16.9	96.5	1.4	18.2 - 119.8
2-Nitrophenol	14	14					
4,6-Dinitro-2-methylphenol	15	15					
4-Bromophenyl-phenylether	17	17	77.6	15.7	92.9	0.6	30.5 - 124.7
4-Chloro-3-methylphenol	15	15					
4-Chlorophenyl-phenylether	17	17	97.3	17.4	120.3	1.1	45.0 - 149.5
4-Methylphenol	15	15	65.3	20.2	96.6	0.8	9.7 - 125.8
4-Nitrophenol	15	14					
Acenaphthene	17	17	122.5	20.6	156.2	1.8	60.8 - 184.2
Acenaphthylene	17	17	71.0	12.0	88.0	0.4	34.9 - 107.1
Anthracene	15	15					
Benzo(a)anthracene	17	17	38.2	6.1	44.3	1.0	19.8 - 56.7
Benzo(a)pyrene	15	15					
Benzo(b)fluoranthene	17	17	51.9	9.9	60.3	2.0	22.2 - 81.6
Benzo(g,h,i)perylene	15	15					

Benzo(k)fluoranthene	17	17	83.1	19.5	98.6	2.0	24.6 - 141.5
bis(2-chloroethoxy)methane	17	17	60.2	10.1	75.8	0.7	29.8 - 90.7
bis(2-chloroethyl)ether	17	17	41.7	8.7	53.4	0.4	15.6 - 67.9
bis(2-chloroisopropyl)ether	17	17	118.2	26.4	164.2	2.1	39.1 - 197.4
Bis(2-ethylhexyl)phthalate	15	15					
Butylbenzylphthalate	17	17	92.2	23.6	114.2	2.3	21.4 - 163.1
Chrysene	15	14					
Di-n-butylphthalate	17	16	103.7	20.7	128.6	1.6	41.7 - 165.8
Di-n-octylphthalate	17	17	139.7	36.1	169.3	2.5	31.5 - 247.9
Dibenzo(a,h)anthracene	15	15					
Dibenzofuran	17	17	65.8	12.3	81.8	0.7	29.0 - 102.6
Diethylphthalate	17	17	74.8	19.2	95.4	0.8	17.1 - 132.6
Dimethylphthalate	15	15					
Fluoranthene	17	17	72.9	11.3	87.9	1.2	39.2 - 106.7
Fluorene	15	15					
Hexachlorobenzene	15	15					
Hexachlorobutadiene	15	15					
Hexachlorocyclopentadiene	17	16	87.9	34.8	148.6	1.8	14.9 - 192.3
Hexachloroethane	17	17	63.0	17.6	98.3	1.3	10.2 - 115.8
Indeno(1,2,3-c,d)pyrene	15	15					
Isophorone	15	15					
Naphthalene	17	17	48.9	10.1	64.9	0.6	18.6 - 79.3
Nitrobenzene	15	15					
Pentachlorophenol	15	15					
Phenanthrene	17	17	83.7	12.4	100.4	1.7	46.4 - 120.9
Phenol	17	17	90.0	41.6	160.5	0.8	16.1 - 214.9
Pyrene	17	17	50.8	10.5	58.7	0.2	19.3 - 82.3

Note: (1) T = Total number of laboratories reporting analyte.
(2) A = Number of laboratories with 'Acceptable' performance.
(3) Mean calculated from NELAC FOPT Tables.
(4) Standard deviation calculated from NELAC FOPT Tables.
(5) Assigned Value used to generate the calculated mean per NELAC FoPT Tables

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported