MAPEP Mixed Analyte Performance Evaluation Program

Sample Statistical Summary

MAPEP-10-OrW22

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	15	12	8.60	1.70	9.66	0.34	3.51 - 13.69
4,4'-DDE	15	12	7.45	1.20	8.59	0.17	3.83 - 11.06
4,4'-DDT	13	13					
Aldrin	15	14	8.77	1.93	10.59	0.22	2.97 - 14.57
alpha-BHC	15	15	7.67	1.30	8.53	0.50	3.76 - 11.58
beta-BHC	15	13	8.80	1.55	9.96	0.89	4.16 - 13.45
delta-BHC	13	13					
Dieldrin	15	12	5.79	0.91	6.26	0.12	3.05 - 8.54
Endosulfan I	13	13					
Endosulfan II	13	13					
Endosulfan sulfate	13	13					
Endrin	15	15	4.52	0.91	4.81	0.22	1.79 - 7.26
Endrin Aldehyde	14	13	17.79	3.84	19.99	1.88	6.27 - 29.31
Endrin Ketone	12	12					
gamma-BHC (Lindane)	15	14	4.51	0.83	5.03	0.39	2.03 - 6.99
Heptachlor	15	12	10.16	2.08	12.08	0.99	3.91 - 16.40
Heptachlor epoxide	13	13					
Methoxychlor	14	14	9.62	2.28	10.43	0.27	2.79 - 16.45
1,2,4-Trichlorobenzene	19	19	42.51	10.21	59.23	1.47	11.89 - 73.13
1,2-Dichlorobenzene	19	19	54.26	14.93	81.81	2.08	9.46 - 99.07
1,3-Dichlorobenzene	19	19	38.15	10.19	57.52	1.41	7.57 - 68.73
1,4-Dichlorobenzene	19	18	22.33	6.96	32.44	0.64	3.24 - 43.22
2,4,5-Trichlorophenol	19	19	108.01	20.46	133.10	8.76	46.65 - 169.38
2,4,6-Trichlorophenol	19	19	51.94	10.46	64.46	1.82	20.57 - 83.31
2,4-Dichlorophenol	19	19	73.46	14.54	93.96	2.52	29.85 - 117.07
2,4-Dimethylphenol	17	16					
2,4-Dinitrophenol	19	18	133.36	42.25	198.70	9.43	19.87 - 260.12
2,4-Dinitrotoluene	19	18	90.74	16.20	113.00	2.11	42.14 - 139.34
2,6-Dichlorophenol	14	13	129.71	24.17	163.84	4.60	57.21 - 202.21
2,6-Dinitrotoluene	19	19	80.34	13.51	96.46	2.36	39.80 - 120.88
2-Chloronaphthalene	17	16					
2-Chlorophenol	19	19	54.00	11.01	68.69	1.63	20.96 - 87.03
2-Methylnaphthalene	17	16					
2-Methylphenol	19	19	50.91	12.51	70.60	2.54	13.37 - 88.45
2-Nitrophenol	17	16					
3-Methyl & 4-Methylphenol	17	16					
4,6-Dinitro-2-methylphenol	17	16					
4-Bromophenyl-phenylether	17	16					
4-Chloro-3-methylphenol	19	19	133.48	23.60	159.02	4.71	62.68 - 204.28
4-Chlorophenyl-phenylether	18	18	53.56	9.62	65.14	1.49	24.71 - 82.42
4-Nitrophenol	19	19	89.51	42.59	161.90	4.14	16.19 - 217.29
Acenaphthene	19	18	21.80	3.45	25.29	0.68	11.45 - 32.15
Acenaphthylene	19	18	29.25	5.25	35.75	0.39	13.49 - 45.01
Anthracene	17	16					
Benzo(a)anthracene	19	18	19.30	3.23	22.26	0.69	9.61 - 28.99
Benzo(a)pyrene	19	17	39.45	8.18	49.33	1.27	14.91 - 63.98
Benzo(b)fluoranthene	19	18	28.24	5.75	32.70	1.03	11.00 - 45.48
Benzo(g,h,i)perylene	19	18	32.86	7.25	38.17	1.41	11.10 - 54.62
Benzo(k)fluoranthene	17	16					
bis(2-chloroethoxy)methane	19	19	47.79	8.10	59.90	1.88	23.48 - 72.10

bis(2-chloroethyl)ether	19	19	119.39	25.50	162.45	4.42	42.89 - 195.88
bis(2-chloroisopropyl)ether	17	16					
Bis(2-ethylhexyl)phthalate	17	16					
Butylbenzylphthalate	19	19	43.72	12.72	54.20	1.88	5.56 - 81.87
Chrysene	19	17	20.84	3.68	22.10	0.74	9.80 - 31.87
Di-n-butylphthalate	19	19	58.30	11.69	69.32	2.01	23.24 - 93.37
Di-n-octylphthalate	17	16					
Dibenzo(a,h)anthracene	17	16					
Dibenzofuran	19	19	64.36	12.00	79.91	1.98	28.37 - 100.35
Diethylphthalate	19	19	97.79	24.77	126.03	2.38	23.48 - 172.09
Dimethylphthalate	17	16					
Fluoranthene	17	15					
Fluorene	17	16					
Hexachlorobenzene	19	17	38.34	6.46	45.13	1.30	18.95 - 57.72
Hexachlorobutadiene	19	19	77.48	21.14	119.03	3.53	14.05 - 140.91
Hexachlorocyclopentadiene	19	19	80.85	32.43	137.19	4.44	13.72 - 178.15
Hexachloroethane	17	16					
Indeno(1,2,3-c,d)pyrene	19	18	21.85	6.19	27.09	0.88	3.27 - 40.42
Isophorone	17	16					
Naphthalene	19	19	43.99	9.03	57.73	1.61	16.91 - 71.07
Nitrobenzene	19	18	69.76	13.74	90.78	2.47	28.54 - 110.97
Pentachlorophenol	19	18	42.10	10.50	53.26	2.33	10.60 - 73.60
Phenanthrene	19	18	50.55	7.45	58.81	1.52	28.18 - 72.91
Phenol	17	16					
Pyrene	19	18	59.63	12.25	69.48	2.65	22.88 - 96.37

Note: (1) T = Total number of laboratories reporting analyte.
(2) A = Number of laboratories with 'Acceptable' performance.
(3) Mean calculated from NELAC FOPT Tables (Effective 07/01/2007).
(4) Standard deviation calculated from NELAC FOPT Tables.
(5) Assigned Value (T)