MAPEP Mixed Analyte Performance Evaluation Program

Sample Statistical Summary

MAPEP-11-OrS24

Analyte	T(1)	A(2)	Calc(3) Mean	Std Dev	Ref Value	Ref Unc	Acceptance Range
Organic							Units: (ug/kg)
4,4'-DDD	10	10					
4,4'-DDE	12	12	329.4	64.3	329.4	11.0	136.4 - 522.4
4,4'-DDT	10	10					
Aldrin	12	12	271.9	56.9	271.9	17.7	101.2 - 442.5
alpha Chlordane	7	7					
alpha-BHC	12	12	349.0	73.1	349.0	5.0	129.6 - 568.3
beta-BHC	11	11					
delta-BHC	10	10					
Dieldrin	12	12	140.9	29.9	140.9	6.3	51.1 - 230.7
Endosulfan I	10	10					
Endosulfan II	11	11					
Endosulfan sulfate	10	10					
Endrin	12	12	152.0	29.0	152.0	3.3	65.0 - 238.9
Endrin Aldehyde	11	10	34.3	18.0	34.3	20.6	3.4 - 88.4
Endrin Ketone	11	11					
gamma Chlordane	8	8					
Heptachlor	12	12	197.3	42.2	197.3	5.0	70.6 - 323.9
Heptachlor epoxide	12	12	96.2	19.6	96.2	3.0	37.5 - 154.9
Methoxychlor	10	10					
1,2,4-Trichlorobenzene	16	16	4733	1160	4733	284	1252 - 8214
1,2-Dichlorobenzene	16	16	9285	2669	9285	660	1279 - 17292
1,3-Dichlorobenzene	13	13					
1,3-Dinitrobenzene	7	7					
1,4-Dichlorobenzene	13	13					
2,4,5-Trichlorophenol	16	14	3834	1006	3834	156	815 - 6853
2,4,6-Trichlorophenol	16	15	6985	1611	6985	233	2153 - 11818
2,4-Dichlorophenol	16	15	1701	511	1701	78	170 - 3234
2,4-Dimethylphenol	13	13					
2,4-Dinitrophenol	13	13					
2,4-Dinitrotoluene	16	16	4908	1243	4908	95	1180 - 8636
2,6-Dichlorophenol	11	11	3288	741	3288	116	1064 - 5512
2,6-Dinitrotoluene	16	16	4809	966	4809	83	1912 - 7707
2-Chloronaphthalene	16	16	1446	366	1446	38	348 - 2543
2-Chlorophenol	16	16	6512	1597	6512	475	1720 - 11304
2-Methylnaphthalene	15	15	2819	663	2819	121	829 - 4809
2-Methylphenol	13	13					
2-Nitrophenol	16	15	3508	1008	3508	233	483 - 6534
3-Methyl & 4-Methylphenol	16	15	1129	317	1129	169	179 - 2080
4,6-Dinitro-2-methylphenol	13	13					
4-Bromophenyl-phenylether	16	16	7507	1526	7507	107	2929 - 12085
4-Chloro-3-methylphenol	16	16	6036	1247	6036	139	2295 - 9777
4-Chlorophenyl-phenylether	13	13					
4-Nitrophenol	16	16	6996	2717	6996	267	700 - 15147
Acenaphthene	16	16	6270	1298	6270	93	2376 - 10163
Acenaphthylene	16	16	4319	979	4319	70	1382 - 7255
Anthracene	16	16	5823	1291	5823	117	1948 - 9697
Benzo(a)anthracene	16	16	1469	318	1469	41	516 - 2421
Benzo(a)pyrene	16	16	1670	389	1670	99	502 - 2838
Benzo(b)fluoranthene	13	12					
Benzo(g,h,i)perylene	16	15	1977	497	1977	110	486 - 3469

Benzo(k)fluoranthene	14	14	3849	838	3849	139	1334 - 6364
bis(2-chloroethoxy)methane	16	16	9165	2147	9165	454	2724 - 15605
bis(2-chloroethyl)ether	16	16	6021	1589	6021	408	1253 - 10788
bis(2-chloroisopropyl)ether	16	16	4943	1324	4943	339	970 - 8916
Bis(2-ethylhexyl)phthalate	14	12				131	
Butylbenzylphthalate	13	13					
Chrysene	16	16	1394	299	1394	42	496 - 2293
Di-n-butylphthalate	14	12					
Di-n-octylphthalate	15	14	8420	2274	8420	219	1598 - 15243
Dibenzo(a,h)anthracene	15	15	852	299	852	47	85 - 1749
Dibenzofuran	15	15	6631	1422	6631	102	2365 - 10896
Diethylphthalate	13	13					
Dimethylphthalate	16	16	5930	1241	5930	80	2208 - 9652
Fluoranthene	16	16	3181	635	3181	79	1277 - 5085
Fluorene	16	16	4264	847	4264	60	1722 - 6806
Hexachlorobenzene	13	13					
Hexachlorobutadiene	13	13					
Hexachlorocyclopentadiene	13	13					
Hexachloroethane	13	13					
Indeno(1,2,3-c,d)pyrene	13	13					
Isophorone	13	13					
Naphthalene	16	16	4714	1100	4714	247	1414 - 8014
Nitrobenzene	16	16	7853	1895	7853	466	2167 - 13539
Pentachlorophenol	13	13					
Phenanthrene	16	16	6069	1172	6069	101	2554 - 9585
Phenol	16	16	7502	2140	7502	473	1082 - 13922
Pyrene	16	16	6263	1283	6263	104	2413 - 10113

Note: (1) T = Total number of laboratories reporting analyte.
(2) A = Number of laboratories with 'Acceptable' performance.
(3) Mean excludes values derived as total metals and values indicated as "Not Acceptable".

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

Criteria based on FoPT Table for SCM - Jan 2007

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