Mixed Analyte Performance Evaluation Program

Sample Statistical Summary

MAPEP-10-OrS23

Analyte	T(1)	A(2)	Calc(3) Mean	Std Dev	Ref Value	Ref Unc	Acceptance Range
Organic							Units: (ug/kg)
4,4'-DDD	13	13	277.7	55.3	277.7	7.5	111.8 - 443.6
4,4'-DDE	13	13	233.3	46.9	233.3	2.2	92.7 - 373.9
4,4'-DDT	13	13	135.1	33.0	135.1	5.7	36.2 - 234.0
Aldrin	11	11					
alpha Chlordane	9	9	221.9	44.0	221.9	3.3	90.0 - 353.9
alpha-BHC	11	11					
beta-BHC	11	11					
delta-BHC	11	11					
Dieldrin	13	13	290.7	55.2	290.7	5.9	125.2 - 456.2
Endosulfan I	11	11					
Endosulfan II	11	11					
Endosulfan sulfate	11	11					
Endrin	13	13	149.4	28.6	149.4	3.1	63.6 - 235.2
Endrin Aldehyde	13	11					
Endrin Ketone	12	12	214.1	49.6	214.1	16.2	65.3 - 363.0
gamma Chlordane	8	8					
gamma-BHC (Lindane)	11	11					
Heptachlor	11	11					
Heptachlor epoxide	11	11					
Methoxychlor	13	13	252.0	74.0	252.0	13.6	29.9 - 474.1
1,2,4-Trichlorobenzene	13	13					
1,2-Dichlorobenzene	13	13					
1,3-Dichlorobenzene	16	16	4165	1037	4165	158	1054 - 7275
1,3-Dinitrobenzene	6	6					
1,4-Dichlorobenzene	13	13					
2,4,5-Trichlorophenol	16	16	6970	1800	6970	178	1571 - 12369
2,4,6-Trichlorophenol	13	13					
2,4-Dichlorophenol	16	16	5921	1459	5921	153	1544 - 10299
2,4-Dimethylphenol	13	13					
2,4-Dinitrophenol	14	14	1521	911	1521	78	152 - 4253
2,4-Dinitrotoluene	14	12					
2,6-Dichlorophenol	9	9					
2,6-Dinitrotoluene	15	15	6461	1260	6461	113	2683 - 10240
2-Chloronaphthalene	16	16	2304	553	2304	50	645 - 3964
2-Chlorophenol	13	13					
2-Methylnaphthalene	13	13					
2-Methylphenol	13	13					
2-Nitrophenol	16	16	3941	1119	3941	72	585 - 7298
3-Methyl & 4-Methylphenol	13	13					
4,6-Dinitro-2-methylphenol	16	16	2583	1242	2583	284	258 - 6310
4-Bromophenyl-phenylether	16	16	5071	1035	5071	100	1967 - 8175
4-Chloro-3-methylphenol	16	16	7078	1429	7078	213	2790 - 11366
4-Chlorophenyl-phenylether	16	16	4168	898	4168	79	1476 - 6861
4-Nitrophenol	13	13					
Acenaphthene	13	13					
Acenaphthylene	13	13					
Anthracene	16	16	4125	930	4125	80	1334 - 6915
Benzo(a)anthracene	16	16	798	194	798	10	217 - 1379
Benzo(a)pyrene	13	13					
Benzo(b)fluoranthene	16	16	2667	604	2667	51	854 - 4479

Benzo(g,h,i)perylene	13	13					
Benzo(k)fluoranthene	16	16	2752	602	2752	64	945 - 4559
bis(2-chloroethoxy)methane	13	13					
bis(2-chloroethyl)ether	16	14	1721	257	1721	43	951 - 2491
bis(2-chloroisopropyl)ether	13	13					
Butylbenzylphthalate	13	13				8	
Chrysene	16	16	934	203	934	21	326 - 1543
Di-n-butylphthalate	16	16	5943	1388	5943	132	1779 - 10107
Di-n-octylphthalate	13	13					
Dibenzo(a,h)anthracene	13	13					
Dibenzofuran	16	16	6031	1293	6031	131	2151 - 9911
Diethylphthalate	16	16	6392	1527	6392	123	1811 - 10972
Dimethylphthalate	13	13					
Fluoranthene	13	13					
Fluorene	16	16	6625	1264	6625	126	2833 - 10418
Hexachlorobenzene	13	13					
Hexachlorobutadiene	13	13					
Hexachlorocyclopentadiene	13	13					
Hexachloroethane	16	16	6158	1541	6158	232	1536 - 10780
Indeno(1,2,3-c,d)pyrene	13	13					
Isophorone	16	16	5347	914	5347	86	2604 - 8090
Naphthalene	13	13					
Nitrobenzene	16	16	4170	1067	4170	90	968 - 7373
Pentachlorophenol	13	13					
Phenanthrene	13	13					
Phenol	16	16	7115	2030	7115	189	1025 - 13205
Pyrene	15	15	4310	888	4310	116	1646 - 6973

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 - July 1, 2007

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