

# Mixed Analyte Performance Evaluation Program

## Statistical Summary

### Semivolatile Organics Water Standard

Sample ID:

Analyte	T(1)	A(2)	Mean (3)	Std. Dev. (4)	Assigned Value (5)	Analyte Text	Acceptance Limits	Units
Analine	9							
Phenol	21							
2-Chlorophenol	26	26	87.3	18.2	112.9		32.7 - 141.9	(ug/L)
1,3-Dichlorobenzene	26	26	29.8	7.9	44.1		6.1 - 53.5	(ug/L)
1,4-Dichlorobenzene	26	26	27.0	8.2	39.9		4.0 - 51.6	(ug/L)
Benzyl Alcohol	12							
1,2-Dichlorobenzene	21							
Hexachloroethane	26	26	113.1	31.5	178.9		18.6 - 207.6	(ug/L)
Nitrobenzene	26	26	116.8	23.1	154.2		47.5 - 186.1	(ug/L)
Isophorone	21							
2-Nitrophenol	26	26	118.3	27.8	153.5		34.9 - 201.7	(ug/L)
2,4-Dimethylphenol	26	26	83.3	20.0	109.2		23.3 - 143.3	(ug/L)
2,4-Dichlorophenol	26	26	74.6	14.8	95.5		30.2 - 119.0	(ug/L)
1,2,4-Trichlorobenzene	26	26	63.5	14.7	89.6		19.4 - 107.6	(ug/L)
Naphthalene	26	26	48.7	10.1	64.5		18.4 - 79.0	(ug/L)
Hexachlorobutadiene	26	26	95.8	25.8	148.1		18.4 - 173.2	(ug/L)
4-Chloro-3-methylphenol	21							
2-Methylnaphthalene	20							
2-Methylphenol	21							
Hexachlorocyclopentadiene	26	23	59.2	25.3	102.3		10.2 - 135.1	(ug/L)
3 Methyl & 4-Methylphenol	24	23	54.2	16.8	79.6		8.0 - 104.6	(ug/L)
2,4,6-Trichlorophenol	22							
2,6-Dichlorophenol	9	8	83.1	16.0	104.5		35.1 - 131.1	(ug/L)
o-Toluidine	4							
1,4-Phenylenediamine	3							
2-Chloronaphthalene	21							
2-Nitroanaline	13							
Dimethylphthalate	26	23	99.1	38.5	149.3		14.9 - 214.6	(ug/L)
Acenaphthylene	21							
2,6-Dinitrotoluene	21							
3-Nitroanaline	13							
Acenaphthene	21							
2,4-Dinitrotoluene	26	26	139.8	24.4	175.2		66.6 - 213.0	(ug/L)
2,4-Dinitrophenol	25	24	74.7	27.0	108.9		10.9 - 155.7	(ug/L)

**Note:**

- (1) T = Total Number of Laboratories Reporting Analyte.
- (2) A = Number of Laboratories with 'Acceptable' Performance.
- (3) Mean calculated from NELAC FOT Tables nonpotable water (Effective 06/01/2005).
- (4) Standard deviation calculated from NELAC FOT Tables nonpotable water.
- (5) Assigned Value (T).

Analyte	T(1)	A(2)	Mean (3)	Std. Dev. (4)	Assigned Value (5)	Analyte Text	Acceptance Limits	Units
4-Chloroaniline	13							
Dibenzofuran	20							
4-Nitrophenol	26	25	68.2	33.0	123.8		12.4 - 167.2	(ug/L)
2-Naphthylamine	6							
1,4-Naphthoquinone	3							
Fluorene	26	26	79.4	12.4	97.7		42.2 - 116.6	(ug/L)
Diethylphthalate	26	25	47.0	12.5	58.2		9.5 - 84.5	(ug/L)
4,6-Dinitro-2-methylphenol	25	22	109.0	22.3	124.4		42.1 - 175.9	(ug/L)
1,2,4,5-Tetrachlorobenzene	5							
2,4,5-Trichlorophenol	23	21	51.1	9.4	59.7		22.9 - 79.3	(ug/L)
Hexachlorobenzene	25	24	21.8	4.0	24.9		9.8 - 33.8	(ug/L)
Pentachlorophenol	26	24	64.5	15.2	79.6		18.9 - 110.1	(ug/L)
4-Nitroaniline	13							
Phenanthrene	26	26	64.6	9.6	76.5		35.8 - 93.4	(ug/L)
Anthracene	26	26	135.4	22.3	163.7		68.5 - 202.3	(ug/L)
1,4-Dinitrobenzene	3							
1,3-Dinitrobenzene	4							
1,2-Dinitrobenzene	1							
Pentachlorobenzene	5							
Pentachloronitrobenzene	5							
Di-n-butylphthalate	26	25	58.2	11.7	69.2		23.1 - 93.3	(ug/L)
2,3,4,6-Tetrachlorophenol	8							
Fluoranthene	21							
Pyrene	26	25	43.3	9.0	49.5		16.3 - 70.3	(ug/L)
Dinoseb	4							
Butylbenzylphthalate	21							
Benzo(a)anthracene	26	23	84.4	13.3	98.0		44.5 - 124.3	(ug/L)
Chrysene	21							
Bis(2-ethylhexyl)phthalate	26	23	130.5	28.0	159.0		46.5 - 214.5	(ug/L)
Di-n-octylphthalate	26	25	91.9	22.9	108.6		23.2 - 160.6	(ug/L)
Benzo(b)fluoranthene	26	25	30.0	6.1	34.8		11.7 - 48.3	(ug/L)
Benzo(k)fluoranthene	25	24	26.2	6.6	29.4		6.4 - 46.0	(ug/L)
Benzo(a)pyrene	26	24	44.8	9.3	56.4		16.9 - 72.7	(ug/L)
Indeno(1,2,3-c,d)pyrene	21							
Dibenzo(a,h)anthracene	21							
Benzo(g,h,i)perylene	25	23	19.0	5.0	22.3		4.0 - 34.0	(ug/L)
alpha-BHC	15							
beta-BHC	15							

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gamma-BHC (Lindane)	15							
delta-BHC	16							
Heptachlor	17	16	6.7	1.4	7.9		2.5 - 10.9	(ug/L)
Aldrin	15							
Heptachlor epoxide	15							
Endosulfan I	15							
4,4'-DDE	17	16	3.5	1.0	4.0		0.5 - 6.5	(ug/L)
Dieldrin	15							
Endrin	17	17	5.1	1.0	5.5		2.1 - 8.1	(ug/L)
4,4'-DDD	17	16	5.8	1.1	6.5		2.5 - 9.1	(ug/L)
Endosulfan II	14							
4,4'-DDT	17	13	6.6	1.3	7.4		2.7 - 10.5	(ug/L)
Endrin Aldehyde	14							
Endosulfan sulfate	15							
Endrin Ketone	10							
Methoxychlor	11							

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