

SCIENTIFIC ANALYSIS LABORATORIES

STANDARD CONTENTS FORM

Standard Reference: SVOC 1407 Solvent Volume: 10ml. Dean 0699566

Date of Preparation: 14-07-06 Date of Discard: 14-08-07

Prepared by: DS

Weight check records required: Yes/No (Circle as appropriate)

[illegible]

Weight Check Record

(Consult the Quality Manager if weight decrease between use exceeds 0.001g)

[illegible]

Certificate of Analysis

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DESCRIPTION: CLP Semivolatiles Calibration Mix

CATALOG NO.: 506508

MFG DATE: Sep-2005

LOT NO.: LB33360

EXPIRATION DATE: Sep-2008

SOLVENT: METHYLENE CHLORIDE:BENZENE 3:1

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT (3)	ANALYTICAL (4) CONCENTRATION	STD DEV	SUPELCO LOT NO
ACENAPHTHENE	83-32-9	99.9	1000	1038	+/- 12.5	LA92694
ACENAPHTHYLENE	208-96-8	99.9	1000	1058	+/- 17.8	LB07910
ANTHRACENE	120-12-7	99.0	1000	1034	+/- 20.3	LB20343
AZOBENZENE	103-33-3	96.2	1000	1038	+/- 6.3	LB27619
BENZO (A) ANTHRACENE	56-55-3	98.1 (a)	1000	995	+/- 22.9	LB27620
BENZO (A) PYRENE	50-32-8	99.9 (a)	1000	1035	+/- 3.7	LB33168
BENZO (B) FLUORANTHENE	205-99-2	99.9	1000	1030	+/- 33.5	LB30034
BENZO (G,H,I) PERYLENE	191-24-2	99.1	1000	1038	+/- 22.4	LB00514
BENZO (K) FLUORANTHENE	207-08-9	99.5	1000	1008	+/- 57.6	LA96760
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.3	1000	1055	+/- 16.4	LB04284
BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	1054	+/- 4.9	LA40156
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	99.9	1000	1038	+/- 29.7	LB28215
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	1014	+/- 7.8	LB21496
BUTYL BENZYL PHTHALATE	85-68-7	99.3	1000	1034	+/- 35.3	LA42160
CARBAZOLE	86-74-8	99.9	1000	1010	+/- 11.5	LB30125
CHRYSENE	218-01-9	99.2	1000	1039	+/- 34.4	LB22573
DI-N-BUTYL PHTHALATE	84-74-2	99.9	1000	1047	+/- 16.4	LB02855
DI-N-OCTYL PHTHALATE	117-84-0	99.7	1000	993	+/- 24.7	LB19238
DIBENZ (A,H) ANTHRACENE	53-70-3	99.1	1000	1017	+/- 59.5	LB27817

- (1) Listed in alphabetical order.
- (2) Determined by capillary GC-FID, unless otherwise noted.
 - a) HPLC UV-254NM
- (3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.
- (4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.
- (5) These products coelute and are not quantified in the final mix.


Elwood Doughty
Quality Control Supervisor

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SUPELCO

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DIBENZOFURAN	132-64-9	97.8	1000	1032	+/- 3.8	LA39033
DIETHYL PHTHALATE	84-66-2	99.9	1000	1039	+/- 16.1	LA98835
DIMETHYL PHTHALATE	131-11-3	99.9	1000	1038	+/- 16.1	LB30494
FLUORANTHENE	206-44-0	98.2	1000	1075	+/- 27.8	LA88185
FLUORENE (5)	86-73-7	99.6	1000	*****		LB04916
HEXACHLOROBENZENE	118-74-1	99.9	1000	1058	+/- 29.5	LB09543
HEXACHLOROBUTADIENE	87-68-3	98.5	1000	1074	+/- 22.2	LA95300
HEXACHLOROCYCLOPENTADIENE	77-47-4	98.7	1000	1048	+/- 35.9	LB07002
HEXACHLOROETHANE	67-72-1	99.9	1000	1060	+/- 17.6	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	98.7	1000	1032	+/- 5.9	LB29182
ISOPHORONE	78-59-1	98.8	1000	1045	+/- 19.7	LA38837
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	1077	+/- 8.8	LB26515
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	1037	+/- 26.8	LB06990
NAPHTHALENE	91-20-3	99.7	1000	1062	+/- 10.3	LB26040
NITROBENZENE	98-95-3	99.9	1000	1048	+/- 24.2	LA39293
PENTACHLOROPHENOL	87-86-5	99.9	1000	1023	+/- 26.5	LB01443
PHENANTHRENE	85-01-8	97.9	1000	1056	+/- 16.6	LB28334
PHENOL	108-95-2	99.9	1000	1049	+/- 1.4	LB23075
PYRENE	129-00-0	96.6	1000	1041	+/- 32.3	LA74472

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1,2-DICHLOROBENZENE	95-50-1	99.9	1000	1066	+/- 17.3	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.9	1000	1038	+/- 7.6	LB28039
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	1052	+/- 10.9	LA72024
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	1049	+/- 19.1	LA50188
2-CHLORONAPHTHALENE	91-58-7	99.9	1000	1040	+/- 3.0	LA94720
2-CHLOROPHENOL	95-57-8	99.6	1000	1057	+/- 24.8	LB00978
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1000	927	+/- 28.2	LB31592
METHYLNAPHTHALENE	91-57-6	96.9	1000	1065	+/- 21.2	LB08577
4-METHYLPHENOL	95-48-7	99.8	1000	1061	+/- 21.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000	1029	+/- 12.4	LA78040
2-NITROPHENOL	88-75-5	99.9	1000	1052	+/- 33.0	LA46582
2,4-DICHLOROPHENOL	120-83-2	99.9	1000	1049	+/- 8.2	LB03978
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000	1069	+/- 16.6	LB30916
2,4-DINITROPHENOL	51-28-5	98.6	1000	1000	+/- 20.3	LB28389
2,4-DINITROTOLUENE	121-14-2	99.3	1000	1059	+/- 25.6	LA39290
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000	1047	+/- 23.3	LA40299
2,4,6-TRICHLOROPHENOL	88-06-2	99.6	1000	1042	+/- 6.0	LB23731
2,6-DINITROTOLUENE	606-20-2	99.9	1000	1046	+/- 17.8	LA77895
3-NITROANILINE	99-09-2	99.9	1000	1036	+/- 32.8	LA97906

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ANALYTE	(1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT (3) CONCENTRATION	ANALYTICAL (4)	STD DEV	SUPELCO LOT NO
4-BROMOPHENYLPHENYL ETHER		101-55-3	98.9	1000	1059	+/- 27.5	LA74471
4-CHLORO-3-METHYLPHENOL		59-50-7	99.9	1000	1052	+/- 21.5	LB16975
4-CHLOROANILINE		106-47-8	99.9	1000	1043	+/- 16.4	LA66457
4-CHLOROPHENYLPHENYL ETHER (5)		7005-72-3	99.9	1000	*****		LB21374
4-METHYLPHENOL		106-44-5	99.9	1000	1056	+/- 9.3	LB32518
4-NITROANILINE		100-01-6	99.9	1000	1006	+/- 30.9	LA77819
4-NITROPHENOL		100-02-7	99.9	1000	1047	+/- 18.5	LA38952

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