**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, B41-GS-5-1'
Laboratory Sample #: 97090676

| ANALYTE | CAS NUMBER | DETECTION Limit (ug/kg) | SAMPLE RESULTS (ug/kg) | |
|---|---|---|---|---|
| 1,3-Dichloropropane | 142-28-9 | 50 | N.D. | |
| Isopropylbenzene | 98-82-8 | 50 | 62 | <--- |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 50 | N.D. | |
| 1,2,3-Trichloropropane | 96-18-4 | 50 | N.D. | |
| Bromobenzene | 108-86-1 | 50 | N.D. | |
| n-Propylbenzene | 103-65-1 | 50 | 150 | <--- |
| 2-Chlorotoluene | 95-49-8 | 50 | N.D. | |
| 1,3,5-Trimethylbenzene | 108-67-8 | 50 | 120 | <--- |
| 4-Chlorotoluene | 106-43-4 | 50 | N.D. | |
| tert-Butylbenzene | 98-06-6 | 50 | N.D. | |
| 1,2,4-Trimethylbenzene | 95-63-6 | 50 | 380 | <--- |
| sec-Butylbenzene | 135-98-8 | 50 | 120 | <--- |
| 4-Isopropyltoluene | 99-87-6 | 50 | 100 | <--- |
| 1,3-Dichlorobenzene | 541-73-1 | 50 | N.D. | |
| 1,4-Dichlorobenzene | 106-46-7 | 50 | N.D. | |
| n-Butylbenzene | 104-51-8 | 50 | 160 | <--- |
| 1,2-Dichlorobenzene | 95-50-1 | 50 | N.D. | |
| 1,2-Dibromo-3-CPA | 96-12-8 | 100 | N.D. | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 50 | N.D. | |
| Hexachlorobutadiene | 87-68-3 | 50 | N.D. | |
| Naphthalene | 91-20-3 | 50 | 960 | <--- |
| 1,2,3-Trichlorobenzene | 87-61-6 | 50 | N.D. | |

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

| Surrogate Recoveries % | |
|---|---|
| Dibromofluoromethane | 108 |
| Toluene-d8 | 111 |
| 4-Bromofluorobenzene | 106 |

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sample Description:*** Soil, B41-GS-3-2'
***Laboratory Sample Number:*** 97090674
***Laboratory Reference #:*** MWI 9601

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/02/97
***Reported:*** 10/09/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/kg)* | *SAMPLE RESULTS (ug/kg)* |
|---|---|---|---|
| Acenaphthene | 83-32-9 | 250 | N.D. |
| Acenaphthylene | 208-96-8 | 250 | N.D. |
| Aniline | 62-53-3 | 250 | N.D. |
| Anthracene | 120-12-7 | 250 | N.D. |
| Benzoic Acid | 65-85-0 | 1250 | N.D. |
| Benzo (a) anthracene | 56-55-3 | 250 | N.D. |
| Benzo (b) fluoranthene | 205-99-2 | 625 | N.D. |
| Benzo (k) fluoranthene | 207-08-9 | 625 | N.D. |
| Benzo (g,h,i)perylene | 191-24-2 | 625 | N.D. |
| Benzo (a) pyrene | 50-32-8 | 625 | N.D. |
| Benzyl alcohol | 100-51-6 | 250 | N.D. |
| Bis(2-chloroethoxy)methane | 111-91-1 | 250 | N.D. |
| Bis(2-chloroethyl)ether | 111-44-4 | 250 | N.D. |
| Bis(2-chloroisopropyl)ether | 39638-32-9 | 250 | N.D. |
| Bis(2-ethylhexyl)phthalate | 117-81-7 | 250 | N.D. |
| 4-Bromophenyl phenyl ether | 101-55-3 | 250 | N.D. |
| Butyl benzyl phthalate | 85-68-7 | 250 | N.D. |
| 4-Chloroaniline | 106-47-8 | 250 | N.D. |
| 2-Chloronaphthalene | 91-58-7 | 250 | N.D. |
| 4-Chloro-3-methylphenol | 59-50-7 | 250 | N.D. |
| 2-Chlorophenol | 95-57-8 | 250 | N.D. |
| 4-Chlorophenyl phenyl ehter | 7005-72-3 | 250 | N.D. |
| Chrysene | 218-0109 | 250 | N.D. |
| Dibenz(a,h)anthracene | 53-70-3 | 250 | N.D. |
| Dibenzofuran | 132-64-9 | 250 | N.D. |
| Di-N-butyl phthalate | 84-74-2 | 625 | N.D. |
| 1,3-Dichlorobenzene | 541-73-1 | 250 | N.D. |
| 1,4-Dichlorobenzene | 106-46-7 | 250 | N.D. |
| 1,2-Dichlorobenzene | 95-50-1 | 250 | N.D. |
| 3,3-Dichlorobenzidine | 91-94-1 | 250 | N.D. |
| 2,4-Dichlorophenol | 120-83-2 | 250 | N.D. |
| Diethyl phthalate | 84-66-2 | 250 | N.D. |
| 2,4-Dimethylphenol | 105-67-9 | 250 | N.D. |
| Dimethyl phthalate | 131-11-3 | 250 | N.D. |
| 4,6-Dinitro-2-methylphenol | 534-52-1 | 250 | N.D. |
| 2,4-Dinitrophenol | 51-28-5 | 250 | N.D. |
| 2,4-Dinitrotoluene | 121-14-2 | 625 | N.D. |
| 2,6-Dinitrotoluene | 606-20-2 | 625 | N.D. |
| Di-N-octyl phthalate | 117-84-0 | 625 | N.D. |

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, B41-GS-3-2'
Laboratory Sample #: 97C90674

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/kg)* | *SAMPLE RESULTS (ug/kg)* |
|---|---|---|---|
| Fluoranthene | 206-44-0 | 250 | N.D. |
| Fluorene | 86-73-7 | 250 | N.D. |
| Hexachlorobenzene | 118-74-1 | 250 | N.D. |
| Hexachlorobutadiene | 87-68-3 | 250 | N.D. |
| Hexachlorocyclopentadiene | 77-47-4 | 250 | N.D. |
| Hexachloroethane | 67-72-1 | 250 | N.D. |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 625 | N.D. |
| Isophorone | 78-59-1 | 250 | N.D. |
| 2-Methylnaphthalene | 91-57-6 | 250 | N.D. |
| 2-Methylphenol | 95-48-7 | 250 | N.D. |
| 4-Methylphenol | 106-44-5 | 250 | N.D. |
| Naphthalene | 91-20-3 | 250 | N.D. |
| 2-Nitroaniline | 88-74-4 | 625 | N.D. |
| 3-Nitroaniline | 99-09-2 | 625 | N.D. |
| 4-Nitroaniline | 100-01-6 | 625 | N.D. |
| Nitrobenzene | 98-95-3 | 250 | N.D. |
| 2-Nitrophenol | 88-75-5 | 250 | N.D. |
| 4-Nitrophenol | 100-02-7 | 250 | N.D. |
| N-Nitrosodiphenylamine | 86-30-6 | 250 | N.D. |
| N-Nitroso-di-N-propylamine | 621-64-7 | 250 | N.D. |
| N-Nitrosodimethylamine | 62-75-9 | 250 | N.D. |
| Pentachlorophenol | 87-86-5 | 625 | N.D. |
| Phenanthrene | 85-01-8 | 250 | N.D. |
| Phenol | 108-95-2 | 250 | N.D. |
| Pyrene | 129-00-0 | 250 | N.D. |
| 1,2,4-Trichlorobenzene | 120-82-1 | 250 | N.D. |
| 2,4,5-Trichlorophenol | 95-95-4 | 250 | N.D. |
| 2,4,6-Trichlorophenol | 88-06-2 | 250 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

**ORANGE COAST ANALYTICAL, INC.**
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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sample Description:*** Soil, B41-GS-5-1'
***Laboratory Sample Number:*** 97090676
***Laboratory Reference #:*** MWI 9601

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/02/97
***Reported:*** 10/09/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/kg)* | *SAMPLE RESULTS (ug/kg)* |
|---|---|---|---|
| Acenaphthene | 83-32-9 | 100 | N.D. |
| Acenaphthylene | 208-96-8 | 100 | N.D. |
| Aniline | 62-53-3 | 100 | N.D. |
| Anthracene | 120-12-7 | 100 | N.D. |
| Benzoic Acid | 65-85-0 | 500 | N.D. |
| Benzo (a) anthracene | 56-55-3 | 100 | N.D. |
| Benzo (b) fluoranthene | 205-99-2 | 250 | N.D. |
| Benzo (k) fluoranthene | 207-08-9 | 250 | N.D. |
| Benzo (g,h,i)perylene | 191-24-2 | 250 | N.D. |
| Benzo (a) pyrene | 50-32-8 | 250 | N.D. |
| Benzyl alcohol | 100-51-6 | 100 | N.D. |
| Bis(2-chloroethoxy)methane | 111-91-1 | 100 | N.D. |
| Bis(2-chloroethyl)ether | 111-44-4 | 100 | N.D. |
| Bis(2-chloroisopropyl)ether | 39638-32-9 | 100 | N.D. |
| Bis(2-ethylhexyl)phthalate | 117-81-7 | 100 | N.D. |
| 4-Bromophenyl phenyl ether | 101-55-3 | 100 | N.D. |
| Butyl benzyl phthalate | 85-68-7 | 100 | N.D. |
| 4-Chloroaniline | 106-47-8 | 100 | N.D. |
| 2-Chloronaphthalene | 91-58-7 | 100 | N.D. |
| 4-Chloro-3-methylphenol | 59-50-7 | 100 | N.D. |
| 2-Chlorophenol | 95-57-8 | 100 | N.D. |
| 4-Chlorophenyl phenyl ehter | 7005-72-3 | 100 | N.D. |
| Chrysene | 218-0109 | 100 | N.D. |
| Dibenz(a,h)anthracene | 53-70-3 | 100 | N.D. |
| Dibenzofuran | 132-64-9 | 100 | N.D. |
| Di-N-butyl phthalate | 84-74-2 | 250 | N.D. |
| 1,3-Dichlorobenzene | 541-73-1 | 100 | N.D. |
| 1,4-Dichlorobenzene | 106-46-7 | 100 | N.D. |
| 1,2-Dichlorobenzene | 95-50-1 | 100 | N.D. |
| 3,3-Dichlorobenzidine | 91-94-1 | 100 | N.D. |
| 2,4-Dichlorophenol | 120-83-2 | 100 | N.D. |
| Diethyl phthalate | 84-66-2 | 100 | N.D. |
| 2,4-Dimethylphenol | 105-67-9 | 100 | N.D. |
| Dimethyl phthalate | 131-11-3 | 100 | N.D. |
| 4,6-Dinitro-2-methylphenol | 534-52-1 | 100 | N.D. |
| 2,4-Dinitrophenol | 51-28-5 | 100 | N.D. |
| 2,4-Dinitrotoluene | 121-14-2 | 250 | N.D. |
| 2,6-Dinitrotoluene | 606-20-2 | 250 | N.D. |
| Di-N-octyl phthalate | 117-84-0 | 250 | N.D. |

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, B41-GS-5-1'
Laboratory Sample #: 97090676

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/kg)* | *SAMPLE RESULTS (ug/kg)* | |
|---|---|---|---|---|
| Fluoranthene | 206-44-0 | 100 | N.D. | |
| Fluorene | 86-73-7 | 100 | N.D. | |
| Hexachlorobenzene | 118-74-1 | 100 | N.D. | |
| Hexachlorobutadiene | 87-68-3 | 100 | N.D. | |
| Hexachlorocyclopentadiene | 77-47-4 | 100 | N.D. | |
| Hexachloroethane | 67-72-1 | 100 | N.D. | |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 250 | N.D. | |
| Isophorone | 78-59-1 | 100 | N.D. | |
| 2-Methylnaphthalene | 91-57-6 | 100 | 130 | <--- |
| 2-Methylphenol | 95-48-7 | 100 | N.D. | |
| 4-Methylphenol | 106-44-5 | 100 | N.D. | |
| Naphthalene | 91-20-3 | 100 | N.D. | |
| 2-Nitroaniline | 88-74-4 | 250 | N.D. | |
| 3-Nitroaniline | 99-09-2 | 250 | N.D. | |
| 4-Nitroaniline | 100-01-6 | 250 | N.D. | |
| Nitrobenzene | 98-95-3 | 100 | N.D. | |
| 2-Nitrophenol | 88-75-5 | 100 | N.D. | |
| 4-Nitrophenol | 100-02-7 | 100 | N.D. | |
| N-Nitrosodiphenylamine | 86-30-6 | 100 | N.D. | |
| N-Nitroso-di-N-propylamine | 621-64-7 | 100 | N.D. | |
| N-Nitrosodimethylamine | 62-75-9 | 100 | N.D. | |
| Pentachlorophenol | 87-86-5 | 250 | N.D. | |
| Phenanthrene | 85-01-8 | 100 | N.D. | |
| Phenol | 108-95-2 | 100 | N.D. | |
| Pyrene | 129-00-0 | 100 | N.D. | |
| 1,2,4-Trichlorobenzene | 120-82-1 | 100 | N.D. | |
| 2,4,5-Trichlorophenol | 95-95-4 | 100 | N.D. | |
| 2,4,6-Trichlorophenol | 88-06-2 | 100 | N.D. | |

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

**ORANGE COAST ANALYTICAL, INC.**
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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID***: The Boeing Comapny
***Client Project #:*** 1206035.01090010

***Analysis Method:*** EPA 3550/8015m

***Sample Description:*** Soil, B41-GS-5-1'
***Laboratory Sample #***: 97090676
***Laboratory Reference #***: MWI 9601

***Sampled:*** 09/29/97
***Recevied:*** 09/29/97
***Analyzed:*** 10/06/97
***Reported:*** 10/09/97

## *EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)*

| *Carbon Chain Number* | *Extractable Hydrocarbons (ppm)* |
|---|---|
| Up to and including C-12 | 600 |
| C 13-22 | 3,800 |
| C 23 & Higher | 160 |
| Total | 4,600 |

| | |
|---|---|
| Detection Limit: | 8.0 |

Analytes reported as N.D. were not present above the stated limit of detection.

***ORANGE COAST ANALYTICAL***

***Mark Noorani***
***Laboratory Director***

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sample Description:*** Soil, B41-GS-5-1'

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/02/97
***Reported:*** 10/09/97

***Laboratory Sample Number***: 97090676
***Laboratory Reference #:*** MWI 9601

PCB'S (EPA 8080)

| *Analyte* | *CAS NUMBER* | *DETECTION LIMITS (ug/kg)* | *SAMPLE RESULTS (ug/kg)* |
|---|---|---|---|
| PCB-1016 | 12674-11-2 | 20 | N.D. |
| PCB-1221 | 11104-28-2 | 20 | N.D. |
| PCB-1232 | 11141-16-5 | 20 | N.D. |
| PCB-1242 | 53469-21-9 | 20 | N.D. |
| PCB-1248 | 12672-29-6 | 20 | N.D. |
| PCB-1254 | 11097-69-1 | 20 | N.D. |
| PCB-1260 | 11096-82-5 | 20 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID***: The Boeing Company
***Client Project #:*** 1206035.01090010

***Analysis Method:*** 418.1

***Sample Description:*** Water,

***Laboratory Reference #***: MWI 9601

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/06/97
***Reported:*** 10/09/97

***TOTAL RECOVERABLE PETROLEUM HYDROCARBONS***

| *Laboratory Sample Number* | *Client Sample Number* | *Extractable Hydrocarbons mg/l (ppm)* |
|---|---|---|
| 97090678 | Equip Blank | N.D. |
| 97090679 | Rinsate Blank | N.D. |
| Detection Limit: | | 0.5 |

Analyte reported as N.D. was not present above the stated limit of detection.

*ORANGE COAST ANALYTICAL*

*Mark Noorani*
*Laboratory Director*

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Comapny
***Client Project #:*** 1206035.01090010

***Sample Description:*** Water, Equip Blank

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 9/30-10/02/1997
***Reported:*** 10/09/97

***Laboratory Sample Number***: 97090678
***Laboratory Reference #:*** MWI 9601

CCR - METALS

| *Analyte* | *EPA Method* | *Detection Limit mg/l* | *Analysis Result mg/l* |
|---|---|---|---|
| Antimony | 6010 | 0.5 | N.D. |
| Arsenic | 6010 | 0.1 | N.D. |
| Barium | 6010 | 0.01 | N.D. |
| Beryllium | 6010 | 0.01 | N.D. |
| Cadmium | 6010 | 0.01 | N.D. |
| Chromium (VI) | 7196 | 0.01 | N.D. |
| Chromium Total | 6010 | 0.01 | N.D. |
| Cobalt | 6010 | 0.05 | N.D. |
| Copper | 6010 | 0.01 | N.D. |
| Lead | 6010 | 0.1 | N.D. |
| Mercury | 7471 | 0.002 | N.D. |
| Molybdenum | 6010 | 0.1 | N.D. |
| Nickel | 6010 | 0.05 | N.D. |
| Selenium | 6010 | 0.1 | N.D. |
| Silver | 6010 | 0.05 | N.D. |
| Thallium | 6010 | 0.5 | N.D. |
| Vanadium | 6010 | 0.1 | N.D. |
| Zinc | 6010 | 0.01 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Comapny
***Client Project #:*** 1206035.01090010

***Sample Description:*** Water, Rinsate Blank

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 9/30-10/02/1997
***Reported:*** 10/09/97

***Laboratory Sample Number***: 97090679
***Laboratory Reference #:*** MWI 9601

CCR - METALS

| *Analyte* | *EPA Method* | *Detection Limit mg/l* | *Analysis Result mg/l* |
|---|---|---|---|
| Antimony | 6010 | 0.5 | N.D. |
| Arsenic | 6010 | 0.1 | N.D. |
| Barium | 6010 | 0.01 | N.D. |
| Beryllium | 6010 | 0.01 | N.D. |
| Cadmium | 6010 | 0.01 | N.D. |
| Chromium (VI) | 7196 | 0.01 | N.D. |
| Chromium Total | 6010 | 0.01 | N.D. |
| Cobalt | 6010 | 0.05 | N.D. |
| Copper | 6010 | 0.01 | N.D. |
| Lead | 6010 | 0.1 | N.D. |
| Mercury | 7471 | 0.002 | N.D. |
| Molybdenum | 6010 | 0.1 | N.D. |
| Nickel | 6010 | 0.05 | N.D. |
| Selenium | 6010 | 0.1 | N.D. |
| Silver | 6010 | 0.05 | N.D. |
| Thallium | 6010 | 0.5 | N.D. |
| Vanadium | 6010 | 0.1 | N.D. |
| Zinc | 6010 | 0.01 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

**ORANGE COAST ANALYTICAL, INC.**
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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sample Description:*** Water, Equip Blank
***Laboratory Sample Number:*** 97090678
***Laboratory Reference #:*** MWI 9601

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/06/97
***Reported:*** 10/09/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| Benzene | 71-43-2 | 0.5 | N.D. |
| Bromodichloromethane | 75-27-4 | 0.5 | N.D. |
| Bromoform | 75-25-2 | 0.5 | N.D. |
| Bromomethane | 74-83-9 | 1.0 | N.D. |
| Carbon Disulfide | 75-15-0 | 0.5 | N.D. |
| Carbon tetrachloride | 56-23-5 | 0.5 | N.D. |
| Chlorobenzene | 108-90-7 | 0.5 | N.D. |
| Chlorodibromomethane | 124-48-1 | 0.5 | N.D. |
| Chloroethane | 75-00-3 | 0.5 | N.D. |
| 2-Chloroethyl vinyl ether | 110-75-8 | 0.5 | N.D. |
| Chloroform | 67-66-3 | 0.5 | N.D. |
| Chloromethane | 74-87-3 | 0.5 | N.D. |
| 1,1-Dichloroethane | 75-34-3 | 0.5 | N.D. |
| 1,2-Dichloroethane | 107-06-2 | 0.5 | N.D. |
| 1,1-Dichloroethene | 75-35-4 | 0.5 | N.D. |
| Trans 1,2-Dichloroethene | 156-60-5 | 0.5 | N.D. |
| 1,2-Dichloropropane | 78-87-5 | 0.5 | N.D. |
| cis-1,3-Dichloropropene | 10061-01-5 | 0.5 | N.D. |
| trans-1,3-Dichloropropene | 10061-02-6 | 0.5 | N.D. |
| Ethylbenzene | 100-41-4 | 0.5 | N.D. |
| Methylene chloride | 75-09-2 | 2.5 | N.D. |
| Styrene | 100-42-5 | 0.5 | N.D. |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 0.5 | N.D. |
| Tetrachloroethene | 127-18-4 | 0.5 | N.D. |
| Toluene | 108-88-3 | 0.5 | N.D. |
| 1,1,1-Trichloroethane | 71-55-6 | 0.5 | N.D. |
| 1,1,2-Trichloroethane | 79-00-5 | 0.5 | N.D. |
| Trichloroethene | 79-01-6 | 0.5 | N.D. |
| Trichlorofluoromethane | 75-69-4 | 0.5 | N.D. |
| Vinyl acetate | 108-05-4 | 1.0 | N.D. |
| Vinyl chloride | 75-01-4 | 0.5 | N.D. |
| Total Xylenes | 1330-20-7 | 1.0 | N.D. |
| Dichlorodifluoromethane | 75-71-8 | 0.5 | N.D. |
| cis-1-2,-Dichloroethene | 156-59-2 | 0.5 | N.D. |
| 2,2-Dichloropropane | 594-20-7 | 0.5 | N.D. |
| Bromochloromethane | 74-97-5 | 0.5 | N.D. |
| 1,1-Dichloropropene | 563-58-6 | 0.5 | N.D. |
| Dibromomethane | 74-95-3 | 0.5 | N.D. |
| 1,2-Dibromoethane | 106-93-4 | 0.5 | N.D. |

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97090678

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| 1,3-Dichloropropane | 142-28-9 | 0.5 | N.D. |
| Isopropylbenzene | 98-82-8 | 0.5 | N.D. |
| 1.1.2.2-Tetrachloroethane | 79-34-5 | 0.5 | N.D. |
| 1,2,3-Trichloropropane | 96-18-4 | 0.5 | N.D. |
| Bromobenzene | 108-86-1 | 0.5 | N.D. |
| n-Propylbenzene | 103-65-1 | 0.5 | N.D. |
| 2-Chlorotoluene | 95-49-8 | 0.5 | N.D. |
| 1,3,5-Trimethylbenzene | 108-67-8 | 0.5 | N.D. |
| 4-Chlorotoluene | 106-43-4 | 0.5 | N.D. |
| tert-Butylbenzene | 98-06-6 | 0.5 | N.D. |
| 1,2,4-Trimethylbenzene | 95-63-6 | 0.5 | N.D. |
| sec-Butylbenzene | 135-98-8 | 0.5 | N.D. |
| 4-Isopropyltoluene | 99-87-6 | 0.5 | N.D. |
| 1,3-Dichlorobenzene | 541-73-1 | 0.5 | N.D. |
| 1,4-Dichlorobenzene | 106-46-7 | 0.5 | N.D. |
| n-Butylbenzene | 104-51-8 | 0.5 | N.D. |
| 1,2-Dichlorobenzene | 95-50-1 | 0.5 | N.D. |
| 1-2-Dibromo-3-CPA | 96-12-8 | 1.0 | N.D. |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.5 | N.D. |
| Hexachlorobutadiene | 87-68-3 | 0.5 | N.D. |
| Naphthalene | 91-20-3 | 0.5 | N.D. |
| 1,2,3-Trichlorobenzene | 87-61-6 | 0.5 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

| Surrogate Recoveries | % |
|---|---|
| Dibromofluoromethane | 104 |
| Toluene-d8 | 103 |
| 4-Bromofluorobenzene | 102 |

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sample Description:*** Water, Rinsate Blank
***Laboratory Sample Number:*** 97090679
***Laboratory Reference #:*** MWI 9601

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/06/97
***Reported:*** 10/09/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| Benzene | 71-43-2 | 0.5 | N.D. |
| Bromodichloromethane | 75-27-4 | 0.5 | N.D. |
| Bromoform | 75-25-2 | 0.5 | N.D. |
| Bromomethane | 74-83-9 | 1.0 | N.D. |
| Carbon Disulfide | 75-15-0 | 0.5 | N.D. |
| Carbon tetrachloride | 56-23-5 | 0.5 | N.D. |
| Chlorobenzene | 108-90-7 | 0.5 | N.D. |
| Chlorodibromomethane | 124-48-1 | 0.5 | N.D. |
| Chloroethane | 75-00-3 | 0.5 | N.D. |
| 2-Chloroethyl vinyl ether | 110-75-8 | 0.5 | N.D. |
| Chloroform | 67-66-3 | 0.5 | N.D. |
| Chloromethane | 74-87-3 | 0.5 | N.D. |
| 1,1-Dichloroethane | 75-34-3 | 0.5 | N.D. |
| 1,2-Dichloroethane | 107-06-2 | 0.5 | N.D. |
| 1,1-Dichloroethene | 75-35-4 | 0.5 | N.D. |
| Trans 1,2-Dichloroethene | 156-60-5 | 0.5 | N.D. |
| 1,2-Dichloropropane | 78-87-5 | 0.5 | N.D. |
| cis-1,3-Dichloropropene | 10061-01-5 | 0.5 | N.D. |
| trans-1,3-Dichloropropene | 10061-02-6 | 0.5 | N.D. |
| Ethylbenzene | 100-41-4 | 0.5 | N.D. |
| Methylene chloride | 75-09-2 | 2.5 | N.D. |
| Styrene | 100-42-5 | 0.5 | N.D. |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 0.5 | N.D. |
| Tetrachloroethene | 127-18-4 | 0.5 | N.D. |
| Toluene | 108-88-3 | 0.5 | N.D. |
| 1,1,1-Trichloroethane | 71-55-6 | 0.5 | N.D. |
| 1,1,2-Trichloroethane | 79-00-5 | 0.5 | N.D. |
| Trichloroethene | 79-01-6 | 0.5 | N.D. |
| Trichlorofluoromethane | 75-69-4 | 0.5 | N.D. |
| Vinyl acetate | 108-05-4 | 1.0 | N.D. |
| Vinyl chloride | 75-01-4 | 0.5 | N.D. |
| Total Xylenes | 1330-20-7 | 1.0 | N.D. |
| Dichlorodifluoromethane | 75-71-8 | 0.5 | N.D. |
| cis-1-2,-Dichloroethene | 156-59-2 | 0.5 | N.D. |
| 2,2-Dichloropropane | 594-20-7 | 0.5 | N.D. |
| Bromochloromethane | 74-97-5 | 0.5 | N.D. |
| 1,1-Dichloropropene | 563-58-6 | 0.5 | N.D. |
| Dibromomethane | 74-95-3 | 0.5 | N.D. |
| 1,2-Dibromoethane | 106-93-4 | 0.5 | N.D. |

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97090679

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| 1,3-Dichloropropane | 142-28-9 | 0.5 | N.D. |
| Isopropylbenzene | 98-82-8 | 0.5 | N.D. |
| 1.1.2.2-Tetrachloroethane | 79-34-5 | 0.5 | N.D. |
| 1,2,3-Trichloropropane | 96-18-4 | 0.5 | N.D. |
| Bromobenzene | 108-86-1 | 0.5 | N.D. |
| n-Propylbenzene | 103-65-1 | 0.5 | N.D. |
| 2-Chlorotoluene | 95-49-8 | 0.5 | N.D. |
| 1,3,5-Trimethylbenzene | 108-67-8 | 0.5 | N.D. |
| 4-Chlorotoluene | 106-43-4 | 0.5 | N.D. |
| tert-Butylbenzene | 98-06-6 | 0.5 | N.D. |
| 1,2,4-Trimethylbenzene | 95-63-6 | 0.5 | N.D. |
| sec-Butylbenzene | 135-98-8 | 0.5 | N.D. |
| 4-Isopropyltoluene | 99-87-6 | 0.5 | N.D. |
| 1,3-Dichlorobenzene | 541-73-1 | 0.5 | N.D. |
| 1,4-Dichlorobenzene | 106-46-7 | 0.5 | N.D. |
| n-Butylbenzene | 104-51-8 | 0.5 | N.D. |
| 1,2-Dichlorobenzene | 95-50-1 | 0.5 | N.D. |
| 1-2-Dibromo-3-CPA | 96-12-8 | 1.0 | N.D. |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.5 | N.D. |
| Hexachlorobutadiene | 87-68-3 | 0.5 | N.D. |
| Naphthalene | 91-20-3 | 0.5 | N.D. |
| 1,2,3-Trichlorobenzene | 87-61-6 | 0.5 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

| | |
|---|---|
| Dibromofluoromethane | 104 |
| Toluene-d8 | 100 |
| 4-Bromofluorobenzene | 103 |

**ORANGE COAST ANALYTICAL, INC.**
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97090680

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| 1,3-Dichloropropane | 142-28-9 | 0.5 | N.D. |
| Isopropylbenzene | 98-82-8 | 0.5 | N.D. |
| 1.1.2.2-Tetrachloroethane | 79-34-5 | 0.5 | N.D. |
| 1,2,3-Trichloropropane | 96-18-4 | 0.5 | N.D. |
| Bromobenzene | 108-86-1 | 0.5 | N.D. |
| n-Propylbenzene | 103-65-1 | 0.5 | N.D. |
| 2-Chlorotoluene | 95-49-8 | 0.5 | N.D. |
| 1,3,5-Trimethylbenzene | 108-67-8 | 0.5 | N.D. |
| 4-Chlorotoluene | 106-43-4 | 0.5 | N.D. |
| tert-Butylbenzene | 98-06-6 | 0.5 | N.D. |
| 1,2,4-Trimethylbenzene | 95-63-6 | 0.5 | N.D. |
| sec-Butylbenzene | 135-98-8 | 0.5 | N.D. |
| 4-Isopropyltoluene | 99-87-6 | 0.5 | N.D. |
| 1,3-Dichlorobenzene | 541-73-1 | 0.5 | N.D. |
| 1,4-Dichlorobenzene | 106-46-7 | 0.5 | N.D. |
| n-Butylbenzene | 104-51-8 | 0.5 | N.D. |
| 1,2-Dichlorobenzene | 95-50-1 | 0.5 | N.D. |
| 1-2-Dibromo-3-CPA | 96-12-8 | 1.0 | N.D. |
| 1,2,4-Trichlorobenzene | 120-82-1 | 0.5 | N.D. |
| Hexachlorobutadiene | 87-68-3 | 0.5 | N.D. |
| Naphthalene | 91-20-3 | 0.5 | N.D. |
| 1,2,3-Trichlorobenzene | 87-61-6 | 0.5 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

| Surrogate Recoveries | % |
|---|---|
| Dibromofluoromethane | 108 |
| Toluene-d8 | 100 |
| 4-Bromofluorobenzene | 105 |

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sample Description:*** Water, Trip Blank
***Laboratory Sample Number:*** 97090680
***Laboratory Reference #:*** MWI 9601

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/06/97
***Reported:*** 10/09/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| Benzene | 71-43-2 | 0.5 | N.D. |
| Bromodichloromethane | 75-27-4 | 0.5 | N.D. |
| Bromoform | 75-25-2 | 0.5 | N.D. |
| Bromomethane | 74-83-9 | 1.0 | N.D. |
| Carbon Disulfide | 75-15-0 | 0.5 | N.D. |
| Carbon tetrachloride | 56-23-5 | 0.5 | N.D. |
| Chlorobenzene | 108-90-7 | 0.5 | N.D. |
| Chlorodibromomethane | 124-48-1 | 0.5 | N.D. |
| Chloroethane | 75-00-3 | 0.5 | N.D. |
| 2-Chloroethyl vinyl ether | 110-75-8 | 0.5 | N.D. |
| Chloroform | 67-66-3 | 0.5 | N.D. |
| Chloromethane | 74-87-3 | 0.5 | N.D. |
| 1,1-Dichloroethane | 75-34-3 | 0.5 | N.D. |
| 1,2-Dichloroethane | 107-06-2 | 0.5 | N.D. |
| 1,1-Dichloroethene | 75-35-4 | 0.5 | N.D. |
| Trans 1,2-Dichloroethene | 156-60-5 | 0.5 | N.D. |
| 1,2-Dichloropropane | 78-87-5 | 0.5 | N.D. |
| cis-1,3-Dichloropropene | 10061-01-5 | 0.5 | N.D. |
| trans-1,3-Dichloropropene | 10061-02-6 | 0.5 | N.D. |
| Ethylbenzene | 100-41-4 | 0.5 | N.D. |
| Methylene chloride | 75-09-2 | 2.5 | N.D. |
| Styrene | 100-42-5 | 0.5 | N.D. |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 0.5 | N.D. |
| Tetrachloroethene | 127-18-4 | 0.5 | N.D. |
| Toluene | 108-88-3 | 0.5 | N.D. |
| 1,1,1-Trichloroethane | 71-55-6 | 0.5 | N.D. |
| 1,1,2-Trichloroethane | 79-00-5 | 0.5 | N.D. |
| Trichloroethene | 79-01-6 | 0.5 | N.D. |
| Trichlorofluoromethane | 75-69-4 | 0.5 | N.D. |
| Vinyl acetate | 108-05-4 | 1.0 | N.D. |
| Vinyl chloride | 75-01-4 | 0.5 | N.D. |
| Total Xylenes | 1330-20-7 | 1.0 | N.D. |
| Dichlorodifluoromethane | 75-71-8 | 0.5 | N.D. |
| cis-1-2,-Dichloroethene | 156-59-2 | 0.5 | N.D. |
| 2,2-Dichloropropane | 594-20-7 | 0.5 | N.D. |
| Bromochloromethane | 74-97-5 | 0.5 | N.D. |
| 1,1-Dichloropropene | 563-58-6 | 0.5 | N.D. |
| Dibromomethane | 74-95-3 | 0.5 | N.D. |
| 1,2-Dibromoethane | 106-93-4 | 0.5 | N.D. |

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/02/97
***Reported:*** 10/09/97

***Sample Description:*** Water, Equip Blank
***Laboratory Sample Number:*** 97090608
***Laboratory Reference #:*** MWI 9601

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

| ***ANALYTE*** | ***CAS NUMBER*** | ***DETECTION Limit (ug/l)*** | ***SAMPLE RESULTS (ug/l)*** |
|---|---|---|---|
| Acenaphthene | 83-32-9 | 5.0 | N.D. |
| Acenaphthylene | 208-96-8 | 5.0 | N.D. |
| Aniline | 62-53-3 | 5.0 | N.D. |
| Anthracene | 120-12-7 | 5.0 | N.D. |
| Benzoic Acid | 65-85-0 | 50 | N.D. |
| Benzo (a) anthracene | 56-55-3 | 5.0 | N.D. |
| Benzo (b) fluoranthene | 205-99-2 | 25 | N.D. |
| Benzo (k) fluoranthene | 207-08-9 | 25 | N.D. |
| Benzo (g,h,i)perylene | 191-24-2 | 25 | N.D. |
| Benzo (a) pyrene | 50-32-8 | 25 | N.D. |
| Benzyl alcohol | 100-51-6 | 50 | N.D. |
| Bis(2-chloroethoxy)methane | 111-91-1 | 5.0 | N.D. |
| Bis(2-chloroethyl)ether | 111-44-4 | 5.0 | N.D. |
| Bis(2-chloroisopropyl)ether | 39638-32-9 | 5.0 | N.D. |
| Bis(2-ethylhexyl)phthalate | 117-81-7 | 3.0 | N.D. |
| 4-Bromophenyl phenyl ether | 101-55-3 | 5.0 | N.D. |
| Butyl benzyl phthalate | 85-68-7 | 5.0 | N.D. |
| 4-Chloroaniline | 106-47-8 | 5.0 | N.D. |
| 2-Chloronaphthalene | 91-58-7 | 5.0 | N.D. |
| 4-Chloro-3-methylphenol | 59-50-7 | 5.0 | N.D. |
| 2-Chlorophenol | 95-57-8 | 5.0 | N.D. |
| 4-Chlorophenyl phenyl ehter | 7005-72-3 | 5.0 | N.D. |
| Chrysene | 218-0109 | 5.0 | N.D. |
| Dibenz(a,h)anthracene | 53-70-3 | 25 | N.D. |
| Dibenzofuran | 132-64-9 | 5.0 | N.D. |
| Di-N-butyl phthalate | 84-74-2 | 5.0 | N.D. |
| 1,3-Dichlorobenzene | 541-73-1 | 5.0 | N.D. |
| 1,4-Dichlorobenzene | 106-46-7 | 5.0 | N.D. |
| 1,2-Dichlorobenzene | 95-50-1 | 5.0 | N.D. |
| 3,3-Dichlorobenzidine | 91-94-1 | 5.0 | N.D. |
| 2,4-Dichlorophenol | 120-83-2 | 5.0 | N.D. |
| Diethyl phthalate | 84-66-2 | 5.0 | N.D. |
| 2,4-Dimethylphenol | 105-67-9 | 5.0 | N.D. |
| Dimethyl phthalate | 131-11-3 | 5.0 | N.D. |
| 4,6-Dinitro-2-methylphenol | 534-52-1 | 50 | N.D. |
| 2,4-Dinitrophenol | 51-28-5 | 50 | N.D. |

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97090678

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| 2,4-Dinitrotoluene | 121-14-2 | 5.0 | N.D. |
| 2,6-Dinitrotoluene | 606-20-2 | 5.0 | N.D. |
| Di-N-octyl phthalate | 117-84-0 | 25 | N.D. |
| Fluoranthene | 206-44-0 | 5.0 | N.D. |
| Fluorene | 86-73-7 | 5.0 | N.D. |
| Hexachlorobenzene | 118-74-1 | 5.0 | N.D. |
| Hexachlorobutadiene | 87-68-3 | 5.0 | N.D. |
| Hexachlorocyclopentadiene | 77-47-4 | 5.0 | N.D. |
| Hexachloroethane | 67-72-1 | 5.0 | N.D. |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 25 | N.D. |
| Isophorone | 78-59-1 | 5.0 | N.D. |
| 2-Methylnaphthalene | 91-57-6 | 5.0 | N.D. |
| 2-Methylphenol | 95-48-7 | 5.0 | N.D. |
| 4-Methylphenol | 106-44-5 | 5.0 | N.D. |
| Naphthalene | 91-20-3 | 5.0 | N.D. |
| 2-Nitroaniline | 88-74-4 | 50 | N.D. |
| 3-Nitroaniline | 99-09-2 | 50 | N.D. |
| 4-Nitroaniline | 100-01-6 | 50 | N.D. |
| Nitrobenzene | 98-95-3 | 5.0 | N.D. |
| 2-Nitrophenol | 88-75-5 | 5.0 | N.D. |
| 4-Nitrophenol | 100-02-7 | 50 | N.D. |
| N-Nitrosodiphenylamine | 86-30-6 | 5.0 | N.D. |
| N-Nitroso-di-N-propylamine | 621-64-7 | 5.0 | N.D. |
| N-Nitrosodimethylamine | 62-75-9 | 5.0 | N.D. |
| Pentachlorophenol | 87-86-5 | 50 | N.D. |
| Phenanthrene | 85-01-8 | 5.0 | N.D. |
| Phenol | 108-95-2 | 5.0 | N.D. |
| Pyrene | 129-00-0 | 5.0 | N.D. |
| 1,2,4-Trichlorobenzene | 120-82-1 | 5.0 | N.D. |
| 2,4,5-Trichlorophenol | 95-95-4 | 5.0 | N.D. |
| 2,4,6-Trichlorophenol | 88-06-2 | 5.0 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

**ORANGE COAST ANALYTICAL, INC.**
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/02/97
***Reported:*** 10/09/97

***Sample Description:*** Water, Rinsate Blank
***Laboratory Sample Number:*** 97090679
***Laboratory Reference #:*** MWI 9601

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| Acenaphthene | 83-32-9 | 5.0 | N.D. |
| Acenaphthylene | 208-96-8 | 5.0 | N.D. |
| Aniline | 62-53-3 | 5.0 | N.D. |
| Anthracene | 120-12-7 | 5.0 | N.D. |
| Benzoic Acid | 65-85-0 | 50 | N.D. |
| Benzo (a) anthracene | 56-55-3 | 5.0 | N.D. |
| Benzo (b) fluoranthene | 205-99-2 | 25 | N.D. |
| Benzo (k) fluoranthene | 207-08-9 | 25 | N.D. |
| Benzo (g,h,i)perylene | 191-24-2 | 25 | N.D. |
| Benzo (a) pyrene | 50-32-8 | 25 | N.D. |
| Benzyl alcohol | 100-51-6 | 50 | N.D. |
| Bis(2-chloroethoxy)methane | 111-91-1 | 5.0 | N.D. |
| Bis(2-chloroethyl)ether | 111-44-4 | 5.0 | N.D. |
| Bis(2-chloroisopropyl)ether | 39638-32-9 | 5.0 | N.D. |
| Bis(2-ethylhexyl)phthalate | 117-81-7 | 3.0 | N.D. |
| 4-Bromophenyl phenyl ether | 101-55-3 | 5.0 | N.D. |
| Butyl benzyl phthalate | 85-68-7 | 5.0 | N.D. |
| 4-Chloroaniline | 106-47-8 | 5.0 | N.D. |
| 2-Chloronaphthalene | 91-58-7 | 5.0 | N.D. |
| 4-Chloro-3-methylphenol | 59-50-7 | 5.0 | N.D. |
| 2-Chlorophenol | 95-57-8 | 5.0 | N.D. |
| 4-Chlorophenyl phenyl ehter | 7005-72-3 | 5.0 | N.D. |
| Chrysene | 218-0109 | 5.0 | N.D. |
| Dibenz(a,h)anthracene | 53-70-3 | 25 | N.D. |
| Dibenzofuran | 132-64-9 | 5.0 | N.D. |
| Di-N-butyl phthalate | 84-74-2 | 5.0 | N.D. |
| 1,3-Dichlorobenzene | 541-73-1 | 5.0 | N.D. |
| 1,4-Dichlorobenzene | 106-46-7 | 5.0 | N.D. |
| 1,2-Dichlorobenzene | 95-50-1 | 5.0 | N.D. |
| 3,3-Dichlorobenzidine | 91-94-1 | 5.0 | N.D. |
| 2,4-Dichlorophenol | 120-83-2 | 5.0 | N.D. |
| Diethyl phthalate | 84-66-2 | 5.0 | N.D. |
| 2,4-Dimethylphenol | 105-67-9 | 5.0 | N.D. |
| Dimethyl phthalate | 131-11-3 | 5.0 | N.D. |
| 4,6-Dinitro-2-methylphenol | 534-52-1 | 50 | N.D. |
| 2,4-Dinitrophenol | 51-28-5 | 50 | N.D. |

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97090679

| *ANALYTE* | *CAS NUMBER* | *DETECTION Limit (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| 2,4-Dinitrotoluene | 121-14-2 | 5.0 | N.D. |
| 2,6-Dinitrotoluene | 606-20-2 | 5.0 | N.D. |
| Di-N-octyl phthalate | 117-84-0 | 25 | N.D. |
| Fluoranthene | 206-44-0 | 5.0 | N.D. |
| Fluorene | 86-73-7 | 5.0 | N.D. |
| Hexachlorobenzene | 118-74-1 | 5.0 | N.D. |
| Hexachlorobutadiene | 87-68-3 | 5.0 | N.D. |
| Hexachlorocyclopentadiene | 77-47-4 | 5.0 | N.D. |
| Hexachloroethane | 67-72-1 | 5.0 | N.D. |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | 25 | N.D. |
| Isophorone | 78-59-1 | 5.0 | N.D. |
| 2-Methylnaphthalene | 91-57-6 | 5.0 | N.D. |
| 2-Methylphenol | 95-48-7 | 5.0 | N.D. |
| 4-Methylphenol | 106-44-5 | 5.0 | N.D. |
| Naphthalene | 91-20-3 | 5.0 | N.D. |
| 2-Nitroaniline | 88-74-4 | 50 | N.D. |
| 3-Nitroaniline | 99-09-2 | 50 | N.D. |
| 4-Nitroaniline | 100-01-6 | 50 | N.D. |
| Nitrobenzene | 98-95-3 | 5.0 | N.D. |
| 2-Nitrophenol | 88-75-5 | 5.0 | N.D. |
| 4-Nitrophenol | 100-02-7 | 50 | N.D. |
| N-Nitrosodiphenylamine | 86-30-6 | 5.0 | N.D. |
| N-Nitroso-di-N-propylamine | 621-64-7 | 5.0 | N.D. |
| N-Nitrosodimethylamine | 62-75-9 | 5.0 | N.D. |
| Pentachlorophenol | 87-86-5 | 50 | N.D. |
| Phenanthrene | 85-01-8 | 5.0 | N.D. |
| Phenol | 108-95-2 | 5.0 | N.D. |
| Pyrene | 129-00-0 | 5.0 | N.D. |
| 1,2,4-Trichlorobenzene | 120-82-1 | 5.0 | N.D. |
| 2,4,5-Trichlorophenol | 95-95-4 | 5.0 | N.D. |
| 2,4,6-Trichlorophenol | 88-06-2 | 5.0 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

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Laboratory Director

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***Montgomery Watson***
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sample Description:*** Water, Equip Blank

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/03/97
***Reported:*** 10/09/97

***Laboratory Sample Number***: 97090678
***Laboratory Reference #:*** MWI 9601

ORGANOCHLORINE PESTICIDES (EPA 8080)

| *Analyte* | *CAS NUMBER* | *DETECTION LIMITS (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| Aldrin | 309-00-2 | 0.1 | N.D. |
| alpha-BHC | 319-84-6 | 0.2 | N.D. |
| beta-BHC | 319-85-7 | 0.2 | N.D. |
| gamma-BHC | 319-86-8 | 0.2 | N.D. |
| gamma-BHC (Lindane) | 58-89-9 | 0.2 | N.D. |
| Chlordane | 57-74-9 | 0.2 | N.D. |
| 4,4'-DDD | 72-54-9 | 0.5 | N.D. |
| 4,4'-DDE | 72-55-9 | 0.1 | N.D. |
| 4,4'-DDT | 50-29-3 | 0.1 | N.D. |
| Dieldrin | 60-57-1 | 0.5 | N.D. |
| Endosulfan I | 959-98-8 | 0.5 | N.D. |
| Endosulfan II | 33213-65-9 | 0.5 | N.D. |
| Endosulfan sulfate | 1031-07-8 | 0.5 | N.D. |
| Endrin | 72-20-8 | 0.02 | N.D. |
| Endrin aldehyde | 7421-93-4 | 0.2 | N.D. |
| Heptachlor | 76-44-8 | 0.1 | N.D. |
| Heptachlor epoxide | 1024-57-3 | 0.2 | N.D. |
| Methoxychlor | 72-43-5 | 9.0 | N.D. |
| Toxaphene | 8001-35-2 | 0.5 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

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***Sample Description:*** Water, Rinsate Blank

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***Reported:*** 10/09/97

***Laboratory Sample Number***: 97090679
***Laboratory Reference #:*** MWI 9601

ORGANOCHLORINE PESTICIDES (EPA 8080)

| *Analyte* | *CAS NUMBER* | *DETECTION LIMITS (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| Aldrin | 309-00-2 | 0.1 | N.D. |
| alpha-BHC | 319-84-6 | 0.2 | N.D. |
| beta-BHC | 319-85-7 | 0.2 | N.D. |
| gamma-BHC | 319-86-8 | 0.2 | N.D. |
| gamma-BHC (Lindane) | 58-89-9 | 0.2 | N.D. |
| Chlordane | 57-74-9 | 0.2 | N.D. |
| 4,4'-DDD | 72-54-9 | 0.5 | N.D. |
| 4,4'-DDE | 72-55-9 | 0.1 | N.D. |
| 4,4'-DDT | 50-29-3 | 0.1 | N.D. |
| Dieldrin | 60-57-1 | 0.5 | N.D. |
| Endosulfan I | 959-98-8 | 0.5 | N.D. |
| Endosulfan II | 33213-65-9 | 0.5 | N.D. |
| Endosulfan sulfate | 1031-07-8 | 0.5 | N.D. |
| Endrin | 72-20-8 | 0.02 | N.D. |
| Endrin aldehyde | 7421-93-4 | 0.2 | N.D. |
| Heptachlor | 76-44-8 | 0.1 | N.D. |
| Heptachlor epoxide | 1024-57-3 | 0.2 | N.D. |
| Methoxychlor | 72-43-5 | 9.0 | N.D. |
| Toxaphene | 8001-35-2 | 0.5 | N.D. |

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***Client Project #:*** 1206035.01090010

***Sample Description:*** Water, Equip Blank

***Sampled:*** 09/29/97
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***Analyzed:*** 10/03/97
***Reported:*** 10/09/97

***Laboratory Sample Number***: 97090678
***Laboratory Reference #:*** MWI 9601

PCB'S (EPA 8080)

| *Analyte* | *CAS NUMBER* | *DETECTION LIMITS (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| PCB-1016 | 12674-11-2 | 5.0 | N.D. |
| PCB-1221 | 11104-28-2 | 5.0 | N.D. |
| PCB-1232 | 11141-16-5 | 5.0 | N.D. |
| PCB-1242 | 53469-21-9 | 5.0 | N.D. |
| PCB-1248 | 12672-29-6 | 5.0 | N.D. |
| PCB-1254 | 11097-69-1 | 5.0 | N.D. |
| PCB-1260 | 11096-82-5 | 5.0 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

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***Montgomery Watson***
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Pasadena, CA 91101

***Client Project ID:*** The Boeing Company
***Client Project #:*** 1206035.01090010

***Sample Description:*** Water, Rinsate Blank

***Sampled:*** 09/29/97
***Received:*** 09/29/97
***Analyzed:*** 10/03/97
***Reported:*** 10/09/97

***Laboratory Sample Number***: 97090679
***Laboratory Reference #:*** MWI 9601

PCB'S (EPA 8080)

| *Analyte* | *CAS NUMBER* | *DETECTION LIMITS (ug/l)* | *SAMPLE RESULTS (ug/l)* |
|---|---|---|---|
| PCB-1016 | 12674-11-2 | 5.0 | N.D. |
| PCB-1221 | 11104-28-2 | 5.0 | N.D. |
| PCB-1232 | 11141-16-5 | 5.0 | N.D. |
| PCB-1242 | 53469-21-9 | 5.0 | N.D. |
| PCB-1248 | 12672-29-6 | 5.0 | N.D. |
| PCB-1254 | 11097-69-1 | 5.0 | N.D. |
| PCB-1260 | 11096-82-5 | 5.0 | N.D. |

Analytes reported as N.D. were not present above the stated limit of detection.

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## QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 10/06/97
Laboratory Sample No : 97090680
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppb) | SP (ppb) | MS (ppb) | MSD (ppb) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| Benzene | 0.0 | 20 | 20 | 21 | 100 | 105 | 5 |
| 1,1-Dichloroethene | 0.0 | 20 | 23 | 25 | 115 | 125 | 8 |
| Trichloroethene | 0.0 | 20 | 19 | 21 | 95 | 105 | 10 |
| Toluene | 0.0 | 20 | 20 | 21 | 100 | 105 | 5 |
| Chlorobenzene | 0.0 | 20 | 19 | 21 | 95 | 105 | 10 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

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## QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 10/01/97
Laboratory Sample No : 97090697
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppb) | SP (ppb) | MS (ppb) | MSD (ppb) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| Benzene | 0.0 | 50 | 52 | 55 | 104 | 110 | 6 |
| 1,1-Dichloroethene | 0.0 | 50 | 56 | 61 | 112 | 122 | 9 |
| Trichloroethene | 0.0 | 50 | 61 | 63 | 122 | 126 | 3 |
| Toluene | 0.0 | 50 | 53 | 56 | 106 | 112 | 6 |
| Chlorobenzene | 0.0 | 50 | 49 | 52 | 98 | 104 | 6 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

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## QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 09/30/97
Laboratory Sample No : 97090530
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppm) | SP (ppm) | MS (ppm) | MSD (ppm) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| Hydrocarbons | 0.0 | 100 | 103 | 103 | 103 | 103 | 0 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
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## QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 10/06/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppm) | SP (ppm) | MS (ppm) | MSD (ppm) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| Hydrocarbons | 0.0 | 2.5 | 2.3 | 2.4 | 92 | 96 | 4 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
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## QC DATA REPORT

Analysis : Metals

Date of Analysis : 09/30/97-10/02/97
Laboratory Sample No : 97090626-97090678-97100034
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppm) | SP (ppm) | MS (ppm) | MSD (ppm) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| Antimony | 0.00 | 3.00 | 3.30 | 3.00 | 110 | 100 | 10 |
| Arsenic | 0.00 | 1.00 | 1.10 | 0.99 | 110 | 99 | 11 |
| Barium | 0.00 | 1.00 | 1.20 | 1.20 | 120 | 120 | 0 |
| Beryllium | 0.00 | 0.100 | 0.110 | 0.100 | 110 | 100 | 10 |
| Cadmium | 0.00 | 0.100 | 0.120 | 0.110 | 120 | 110 | 9 |
| Chromium ( VI ) | 0.00 | 0.50 | 0.53 | 0.53 | 106 | 106 | 0 |
| Chromium (Total ) | 0.00 | 0.10 | 0.098 | 0.089 | 98 | 89 | 10 |
| Cobalt | 0.00 | 0.100 | 0.115 | 0.102 | 115 | 102 | 12 |
| Copper | 0.00 | 0.100 | 0.110 | 0.110 | 110 | 110 | 0 |
| Lead | 0.00 | 1.00 | 1.10 | 1.10 | 110 | 110 | 0 |
| Mercury | 0.000 | 0.020 | 0.017 | 0.018 | 85 | 90 | 6 |
| Molybdenum | 0.00 | 1.00 | 1.20 | 1.10 | 120 | 110 | 9 |
| Nickel | 0.00 | 0.50 | 0.48 | 0.48 | 96 | 96 | 0 |
| Selenium | 0.00 | 1.00 | 0.92 | 1.10 | 92 | 110 | 18 |
| Silver | 0.00 | 0.50 | 0.45 | 0.43 | 90 | 86 | 5 |
| Thallium | 0.00 | 3.00 | 3.60 | 2.70 | 120 | 90 | 29 |
| Vanadium | 0.00 | 0.50 | 0.58 | 0.55 | 116 | 110 | 5 |
| Zinc | 0.450 | 0.100 | 0.560 | 0.540 | 110 | 90 | 4 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
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## QC DATA REPORT

Analysis : Metals

Date of Analysis : 9/30/97-10/01/97-10/02/97
Laboratory Sample No :97090677-97090697
Laboratory Reference No : MWI9601

| Analyte | R1 (ppm) | SP (ppm) | MS (ppm) | MSD (ppm) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| Antimony | 0.00 | 30.0 | 28.0 | 27.0 | 93 | 90 | 4 |
| Arsenic | 0.73 | 10.0 | 9.7 | 9.6 | 90 | 89 | 1 |
| Barium | 13.0 | 10.0 | 22.0 | 22.0 | 90 | 90 | 0 |
| Beryllium | 0.00 | 1.00 | 0.96 | 0.93 | 96 | 93 | 3 |
| Cadmium | 0.00 | 1.00 | 0.95 | 0.96 | 95 | 96 | 1 |
| Chromium (Total ) | 2.50 | 5.00 | 8.10 | 7.60 | 112 | 102 | 6 |
| Chromium ( VI ) | 0.00 | 1.00 | 0.90 | 0.88 | 90 | 88 | 2 |
| Cobalt | 0.79 | 1.00 | 1.70 | 1.60 | 91 | 81 | 6 |
| Copper | 1.50 | 1.00 | 2.50 | 2.40 | 100 | 90 | 4 |
| Lead | 0.00 | 10.0 | 12.00 | 12.00 | 120 | 120 | 0 |
| Mercury | 0.000 | 0.020 | 0.020 | 0.022 | 100 | 110 | 10 |
| Molybdenum | 0.00 | 10.0 | 9.8 | 9.6 | 98 | 96 | 2 |
| Nickel | 0.12 | 5.0 | 5.5 | 5.3 | 108 | 104 | 4 |
| Selenium | 0.00 | 10.0 | 9.3 | 9.5 | 93 | 95 | 2 |
| Silver | 0.00 | 5.0 | 4.9 | 4.9 | 98 | 98 | 0 |
| Thallium | 0.00 | 30.0 | 30.0 | 29.0 | 100 | 97 | 3 |
| Vanadium | 3.00 | 5.0 | 8.1 | 7.9 | 102 | 98 | 2 |
| Zinc | 3.80 | 5.0 | 9.1 | 9.1 | 106 | 106 | 0 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

ORANGE COAST ANALYTICAL

MARK NOORANI
Laboratory Director

**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

## QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 10/02/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9601

| Analyte | R1 (ng) | SP (ng) | MS (ng) | MSD (ng) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 0.0 | 50 | 42 | 42 | 84 | 84 | 0 |
| n-Nitroso-di-n-propylamine | 0.0 | 50 | 39 | 40 | 78 | 80 | 3 |
| 1,2,4-Trichlorobenzene | 0.0 | 50 | 44 | 46 | 88 | 92 | 4 |
| Acenaphthene | 0.0 | 50 | 44 | 44 | 88 | 88 | 0 |
| Pyrene | 0.0 | 50 | 59 | 62 | 99 | 124 | 5 |
| Pentachlorophenol | 0.0 | 100 | 79 | 79 | 79 | 79 | 0 |
| 4-Chloro-3-Methylphenol | 0.0 | 100 | 68 | 68 | 68 | 68 | 0 |
| 2-Chlorophenol | 0.0 | 100 | 77 | 77 | 77 | 77 | 0 |
| Phenol | 0.0 | 100 | 64 | 64 | 64 | 64 | 0 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
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## QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 10/02/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9601

| Analyte | R1 (ng) | SP (ng) | MS (ng) | MSD (ng) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | 0.0 | 50 | 35 | 36 | 70 | 72 | 3 |
| n-Nitroso-di-n-propylamine | 0.0 | 50 | 46 | 47 | 92 | 94 | 2 |
| 1,2,4-Trichlorobenzene | 0.0 | 50 | 41 | 42 | 82 | 84 | 2 |
| Acenaphthene | 0.0 | 50 | 44 | 46 | 88 | 92 | 4 |
| Pyrene | 0.0 | 50 | 45 | 47 | 99 | 94 | 4 |
| Pentachlorophenol | 0.0 | 100 | 81 | 93 | 81 | 93 | 14 |
| 4-Chloro-3-Methylphenol | 0.0 | 100 | 65 | 78 | 65 | 78 | 18 |
| 2-Chlorophenol | 0.0 | 100 | 75 | 83 | 75 | 83 | 10 |
| Phenol | 0.0 | 100 | 30 | 35 | 30 | 35 | 15 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

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## QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 10/03/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppb) | SP (ppb) | MS (ppb) | MSD (ppb) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| 4,4'-DDT | 0.0 | 1.00 | 0.87 | 0.92 | 87 | 92 | 6 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

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## QC DATA REPORT

Analysis : PCB 'S ( EPA 8080 )

Date of Analysis : 10/03/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppb) | SP (ppb) | MS (ppb) | MSD (ppb) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| PCB-1260 | 0.0 | 20 | 13 | 11 | 65 | 55 | 17 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

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## QC DATA REPORT

Analysis : PCB 'S ( EPA 8080 )

Date of Analysis : 10/02/97
Laboratory Sample No : 97090411
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppb) | SP (ppb) | MS (ppb) | MSD (ppb) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| PCB-1260 | 0.0 | 250 | 110 | 83 | 44 | 33 | 28 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

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## QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons ( EPA 8015m)

Date of Analysis : 10/06/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppb) | SP (ppb) | MS (ppb) | MSD (ppb) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| Hydrocarbons | 0.0 | 100 | 72 | 73 | 72 | 73 | 1 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

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## QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 10/06/97
Laboratory Sample No : 97100052
Laboratory Reference No : MWI 9601

| Analyte | R1 (ppb) | SP (ppb) | MS (ppb) | MSD (ppb) | PR1 % | PR2 % | RPD % |
|---|---|---|---|---|---|---|---|
| Benzene | 0.0 | 50 | 51 | 50 | 102 | 100 | 2 |
| 1,1-Dichloroethene | 0.0 | 50 | 55 | 53 | 110 | 106 | 4 |
| Trichloroethene | 10 | 50 | 52 | 53 | 84 | 86 | 2 |
| Toluene | 0.0 | 50 | 52 | 53 | 104 | 106 | 2 |
| Chlorobenzene | 0.0 | 50 | 49 | 50 | 98 | 100 | 2 |

Definition of Terms :

| | |
|---|---|
| R1 | Results Of First Analysis |
| SP | Spike Concentration Added to Sample |
| MS | Matrix Spike Results |
| MSD | Matrix Spike Duplicate Results |
| PR1 | Percent Recovery Of MS: {(MS-R1) / SP} x100 |
| PR2 | Percent Recovery Of MSD: {(MSD-R1) / SP} x 100 |
| RPD | Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2 |

ORANGE COAST ANALYTICAL

MARK NOORANI
Laboratory Director

MONTGOMERY WATSON

SUBMIT ANALYSIS REQUEST ASAP

BY AWN DATE 10/3/97 CLIENT BRC SHEET ____ OF ____

CHKD. BY ____ DESCRIPTION Supplemental Analyses JOB NO. 1206035.010900

9/29/97 B41-GS-3-2' } Run VOCs, SVOCs on highest TRPH
B41-GS-4-3'
B41-GS-5-1' } Run VOCs, SVOCs on highest TRPH (already requested)
B41-GS-6-1'
} Run PCBs on highest TRPH already requested

10/1-2/97 BA-GS-2 thru BA-GS-9 → Run PCBs on highest TRPH

9/30/97 B66AC1-GS-1-2' } → Run VOCs, SVOCs, PCBs on highest TRPH
B66AC1-GS-2-2'

10/1/97 OA2-A.3-47-1 } → Run VOCs, SVOCs, PCBs

9/24/97 B41-GS-1-1' } → Run VOCs, SVOCs on both (may have added to one or both already).
B41-GS-2-2'
Cancelled by MWT 10-3

EN 3A-12/90

# F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

**Date:** 9/30/97

**To:** Mark Noorani

**Fax No:** (714) 832-0067

**From:** Steve Reiners

**Reference:** MDRC

**Subject:** Additional Analyses

**No. of Pages:** 1
**(including cover)**

**Comments:**

Please analyze the following sample for VOCs (8260), SVOCs (8270), Carbon Chain Analysis, and PCBs (8080) on standard turn-around time:

B41-GS-5-1'

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

*If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.*

**ORANGE COAST ANALYTICAL, INC.**
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Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

# Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: 24 hr TAT on Soil TRPH only. Standard TAT Otherwise

**CUSTOMER INFORMATION**

COMPANY: Montgomery Watson
SEND REPORT TO: Fred Strauss
ADDRESS: 250 N. Madison Ave. Pasadena, CA 91101
PHONE: (626) 568-6582 FAX: (626) 796-5944

**PROJECT INFORMATION**

PROJECT NAME: The Boeing Company
NUMBER: 1206035.01090010
LOCATION: C-6 Facility
ADDRESS: 19503 S. Normandie Ave. Los Angeles, CA
SAMPLED BY: IV/CW

| SAMPLE ID | NO. OF CONTAINERS | SAMPLE DATE | SAMPLE TIME | SAMPLE MATRIX | CONTAINER TYPE | PRES. | TRPH 418.1 | Title 22 Metals | VOCs 8260 | SVOCs 8270 | PCBs 8080 | Pesticides 8080 | | | REMARKS/PRECAUTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B37C2-GS-2-2' | 2 | 9/29/97 | 1150 | SOIL | 2"x6" SS SLEEVE | ICE | X | X | X | X | | | | | |
| B37C2-GS-3-2' | 2 | 9/29/97 | 1155 | | | | X | X | X | X | | | | | |
| B37C2-GS-4-2' | 2 | 9/29/97 | 1240 | | | | X | X | X | X | | | | | |
| B37C2-GS-5-2' | 2 | 9/29/97 | 1305 | | | | X | X | X | X | | | | | |
| B37C2-GS-6-4' | 2 | 9/29/97 | 1330 | | | | X | X | X | X | | | | | |
| B41-GS-3-2' | 2 | 9/29/97 | 1415 | | | | X | X | | | | | | | |
| B41-GS-4-3' | 2 | 9/29/97 | 1420 | | | | X | X | | | | | | | |
| B41-GS-5-1' | 2 | 9/29/97 | 1425 | | | | X | X | | | | | | | |
| B41-GS-6-1' | 2 | 9/29/97 | 1435 | | | | X | X | | | | | | | |
| Equipment Blank | 7 | 9/29/97 | 1500 | WATER | 4 amber glass, 3 VOAs | none, HNO3, HCl | X | X | X | X | X | X | | | |
| Rinsate Blank | 7 | 9/29/97 | 1515 | | | | X | X | X | X | X | X | | | |
| Trip Blank | 2 | 9/29/97 | — | | 2 VOAs | HCl | | | X | | | | | | |

Total No. of Samples: 12

Method of Shipment: 2 coolers via Orange Coast Courier

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| Ivan Vargas | 9/29/97 1530 | | |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received For Lab By: [signature] | Date/Time: 9/29/97 15:30 |

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible fc osal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0085902

**ORANGE COAST ANALYTICAL, INC.**
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# LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification (ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.0109001

Project Name: The Boeing Company

Laboratory Reference: MWI 9601A

Analytical Method: STLC Arsenic TCLP Arsenic

Date Sampled: 09/29/97
Date Received: 09/29/97
Date Reported: 10/21/97

Sample Matrix: Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

| METHOD ID | LIMIT1 SOIL | LIMIT1 WATER | LAB CAS ID | PF CODE | SURROG FLG | Units | LAB CHEM | 97090676 | 97090677 | LAB SAMP NO. | R1 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SAMP TYPE | S | S | QC(W) | |
| | | | | | | | RES CODE | PP01 | PP01 | | |
| | | | | | | | SAMP ID | B41-GS-5-1' | B41-GS-6-1' | | |
| | | | | | | | SAMP DATE | 09/29/97 | 09/29/97 | | |
| | | | | | | | SAMP TIME | | | | |
| | | | | | | | SAMP DEPTH | | | | |
| | | | | | | | PRESERVED | | | | |
| | | | | | | | ICED | Y | Y | | |
| | | | | | | | RECEIVED | 09/29/97 | 09/29/97 | | |
| | | | | | | | REC TIME | | | | |
| | | | | | | | BASIS | W | W | | |
| | | | | | | | *Tested* | 10/17/97 | 10/17/97 | 10/17/97 | |
| STLC | | 1.0 | | S | | ppm | Arsenic | 51 | 3.4 | 97090677 | 3.4 |
| TCLP | | 1.0 | | C | | ppm | Arsenic | 4.0 | < | 97090676 | 4.0 |

| T CONC | SL | DL | RECOVER | D RECOVER | RPD |
|---|---|---|---|---|---|
| 5.0 | 8.0 | 8.2 | 92 | 96 | 2 |
| 5.0 | 9.3 | 9.6 | 106 | 112 | 3 |

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Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9708

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals , 8015m , CCID

Date Sampled: 11/07/97
Date Received: 11/07/97
Date Reported: 11/18/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

| METHOD ID | LIMIT1 SOIL | LIMIT1 WATER | LAB CAS ID | PF CODE | SURROG FLG | Units | LAB CHEM | | | | | | | | | QC(S) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SAMP TYPE | S | S | S | S | W | W | W | | | |
| | | | | | | | RES CODE | PP01 | PP01 | PP01 | PP01 | BF11 | BR11 | BT11 | | | |
| | | | | | | | SAMP ID | PL-GS-12-6' | PL-GS-13-5' | PL-GS-14-2' | RR2-GS-2-2' | EQUIP BLANK | RINSATE BLANK | TRIP BLANK | | | |
| | | | | | | | SAMP DATE | 11/07/97 | 11/07/97 | 11/07/97 | 11/07/97 | 11/07/97 | 11/07/97 | 11/07/97 | | | |
| | | | | | | | SAMP TIME | 10:00 | 10:40 | 13:55 | 14:00 | 14:50 | 15:00 | | | | |
| | | | | | | | SAMP DEPTH | 6' | 5' | 2' | 2' | | | | | | |
| | | | | | | | PRESERVED | | | | | , N, H | , N, H | , N, H | | | |
| | | | | | | | ICED | Y | Y | Y | | Y | Y | Y | | | |
| | | | | | | | RECEIVED | 11/07/97 | 11/07/97 | 11/07/97 | 11/07/97 | 11/07/97 | 11/07/97 | 11/07/97 | | | |
| | | | | | | | REC TIME | 15:15 | 15:15 | 15:15 | 15:15 | 15:15 | 15:15 | 15:15 | | | |
| | | | | | | | BASIS | W | W | W | | W | W | W | | | |
| | | | | | | | | 97110043 | 97110044 | 97110045 | 97110046 | 97110047 | 97110048 | 97110049 | LAB SAMP NO. | R1 | T CONC |
| | | | | | | | *Tested* | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | | 11/10/97 | | |
| 418.1 | 8.0 | 0.5 | | T | | ppm | Extractable Hydrocarbons | 5,000 | 4,200 | 4,600 | 98 | < | < | | 97100440 | 0.0 | 100 |
| | | | | | | | *Tested* | 11/11/97 | 11/11/97 | 11/11/97 | 11/11/97 | 11/17/97 | 11/17/97 | | 11/11/97 | | |
| 6010 | 5.0 | 0.5 | | T | | ppm | Antimony | < | < | < | < | < | < | | 97110027 | 0.0 | 30.0 |
| 6010 | 1.0 | 0.1 | | T | | ppm | Arsenic | < | 17 | < | < | < | < | | 97110027 | 0.0 | 10.0 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Barium | 130 | 76 | 140 | 120 | < | < | | 97110027 | 11.0 | 10.0 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Beryllium | < | < | < | < | < | < | | 97110027 | 0.00 | 1.00 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Cadmium | < | < | < | < | < | < | | 97110027 | 0.00 | 1.00 |
| | | | | | | | *Tested* | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | | 11/10/97 | | |
| 7196 | 0.5 | 0.01 | | T | | ppm | Chromium (VI) | < | < | < | < | < | < | | 97110044 | 0.00 | 1.00 |
| | | | | | | | *Tested* | 11/11/97 | 11/11/97 | 11/11/97 | 11/11/97 | 11/17/97 | 11/17/97 | | 11/11/97 | | |
| 6010 | 0.1 | 0.01 | | T | | ppm | Chromium Total | 29 | 32 | 39 | 29 | < | < | | 97110027 | 2.9 | 5.0 |
| 6010 | 0.5 | 0.1 | | T | | ppm | Cobalt | 12 | 6.7 | 10 | 12 | < | < | | 97110027 | 0.79 | 1.00 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Copper | 13 | 17 | 15 | 13 | < | < | | 97110027 | 1.10 | 1.00 |
| 6010 | 1.0 | 0.1 | | T | | ppm | Lead | < | 20 | < | < | < | < | | 97110027 | 0.00 | 10.0 |
| | | | | | | | *Tested* | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | | 11/10/97 | | |
| 7471 | 0.01 | 0.002 | | T | | ppm | Mercury | < | < | < | < | < | < | | 97110019 | 0.000 | 0.020 |
| | | | | | | | *Tested* | 11/11/97 | 11/11/97 | 11/11/97 | 11/11/97 | 11/17/97 | 11/17/97 | | 11/11/97 | | |
| 6010 | 0.5 | 0.1 | | T | | ppm | Molybdenum | < | < | < | < | < | < | | 97110027 | 0.0 | 10.0 |
| 6010 | 0.5 | 0.1 | | T | | ppm | Nickel | 12 | 19 | 15 | 12 | < | < | | 97110027 | 1.3 | 5.0 |
| 6010 | 1.0 | 0.1 | | T | | ppm | Selenium | < | < | < | < | < | < | | 97110027 | 0.0 | 10.0 |
| 6010 | 0.1 | 0.1 | | T | | ppm | Silver | < | < | < | < | < | < | | 97110027 | 0.0 | 5.0 |
| 6010 | 5.0 | 0.5 | | T | | ppm | Thallium | < | < | < | < | < | < | | 97110027 | 0.0 | 30.0 |
| 6010 | 0.5 | 0.1 | | T | | ppm | Vanadium | 31 | 36 | 41 | 35 | < | < | | 97110027 | 3.0 | 5.0 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Zinc | 42 | 51 | 48 | 45 | < | < | | 97110027 | 4.0 | 5.0 |
| | | | | | | | *Tested* | | | | | | | | | | |
| STLC | | 5.0 | | S | | ppm | Antimony | | | | | | | | | | |
| | | 1.0 | | S | | ppm | Arsenic | | | | | | | | | | |
| | | 0.1 | | S | | ppm | Barium | | | | | | | | | | |
| | | 0.1 | | S | | ppm | Beryllium | | | | | | | | | | |
| | | 0.1 | | S | | ppm | Cadmium | | | | | | | | | | |
| | | 0.5 | | S | | ppm | Chromium (VI) | | | | | | | | | | |
| | | 0.1 | | S | | ppm | Chromium Total | | | | | | | | | | |
| | | 0.5 | | S | | ppm | Cobalt | | | | | | | | | | |
| | | 0.1 | | S | | ppm | Copper | | | | | | | | | | |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.0 | | S | | ppm | Lead | | | | | | | | | | |
| | | 0.01 | | S | | ppm | Mercury | | | | | | | | | | |
| | | 0.5 | | S | | ppm | Molybdenum | | | | | | | | | | |
| | | 0.5 | | S | | ppm | Nickel | | | | | | | | | | |
| | | 1.0 | | S | | ppm | Selenium | | | | | | | | | | |
| | | 0.1 | | S | | ppm | Silver | | | | | | | | | | |
| | | 5.0 | | S | | ppm | Thallium | | | | | | | | | | |
| | | 0.5 | | S | | ppm | Vanadium | | | | | | | | | | |
| | | 0.1 | | S | | ppm | Zinc | | | | | | | | | | |
| | | | | | | | *Tested* | | | | | | | | | | |
| TCLP | | 5.0 | | C | | ppm | Antimony | | | | | | | | | | |
| | | 1.0 | | C | | ppm | Arsenic | | | | | | | | | | |
| | | 0.1 | | C | | ppm | Barium | | | | | | | | | | |
| | | 0.1 | | C | | ppm | Beryllium | | | | | | | | | | |
| | | 0.1 | | C | | ppm | Cadmium | | | | | | | | | | |
| | | 0.5 | | C | | ppm | Chromium (VI) | | | | | | | | | | |
| | | 0.1 | | C | | ppm | Chromium Total | | | | | | | | | | |
| | | 0.5 | | C | | ppm | Cobalt | | | | | | | | | | |
| | | 0.1 | | C | | ppm | Copper | | | | | | | | | | |
| | | 1.0 | | C | | ppm | Lead | | | | | | | | | | |
| | | 0.01 | | C | | ppm | Mercury | | | | | | | | | | |
| | | 0.5 | | C | | ppm | Molybdenum | | | | | | | | | | |
| | | 0.5 | | C | | ppm | Nickel | | | | | | | | | | |
| | | 1.0 | | C | | ppm | Selenium | | | | | | | | | | |
| | | 0.1 | | C | | ppm | Silver | | | | | | | | | | |
| | | 5.0 | | C | | ppm | Thallium | | | | | | | | | | |
| | | 0.5 | | C | | ppm | Vanadium | | | | | | | | | | |
| | | 0.1 | | C | | ppm | Zinc | | | | | | | | | | |
| | | | | | | | *Tested* | 11/10/97 | 11/10/97 | 11/10/97 | 11/11/97 | 11/13/97 | 11/13/97 | 11/13/97 | 11/11/97 | | |
| | | | | | | | *Dilution Factor* | 20 | 40 | 20 | 1 | 1 | 1 | 1 | | | |
| 8260 | 2.5 | 0.5 | 71-43-2 | T | | ppb | Benzene | < | < | < | < | < | < | < | 97110020 | 0.0 | 50 |
| 8260 | 2.5 | 0.5 | 75-27-4 | T | | ppb | Bromodichloromethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 75-25-2 | T | | ppb | Bromoform | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 1.0 | 74-83-9 | T | | ppb | Bromomethane | < | < | < | < | < | < | < | | | |
| 8260 | 5.0 | 0.5 | 75-15-0 | T | | ppb | Carbon Disulfide | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 56-23-5 | T | | ppb | Carbon tetrachloride | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 108-90-7 | T | | ppb | Chlorobenzene | < | < | < | < | < | < | < | 97110020 | 0.0 | 50 |
| 8260 | 2.5 | 0.5 | 124-48-1 | T | | ppb | Chlorodibromomethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 75-00-3 | T | | ppb | Chloroethane | < | < | < | < | < | < | < | | | |
| 8260 | 5.0 | 0.5 | 110-75-8 | T | | ppb | 2-Chloroethyl vinyl ether | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 67-66-3 | T | | ppb | Chloroform | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 74-87-3 | T | | ppb | Chloromethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 75-34-3 | T | | ppb | 1,1-Dichloroethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 107-06-2 | T | | ppb | 1,2-Dichloroethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 75-35-4 | T | | ppb | 1,1-Dichloroethene | < | < | < | < | < | < | < | 97110020 | 0.0 | 50 |
| 8260 | 2.5 | 0.5 | 156-60-5 | T | | ppb | Trans 1,2-Dichloroethene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 78-87-5 | T | | ppb | 1,2-Dichloropropane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 10061-01-5 | T | | ppb | cis-1,3-Dichloropropene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 10061-02-6 | T | | ppb | trans-1,3-Dichloropropene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 100-41-4 | T | | ppb | Ethylbenzene | 170 | < | < | < | < | < | < | | | |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8260 | 5.0 | 2.5 | 75-09-2 | T | | ppb | Methylene chloride | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 100-42-5 | T | | ppb | Styrene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 79-34-5 | T | | ppb | 1,1,2,2-Tetrachloroethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 127-18-4 | T | | ppb | Tetrachloroethene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 108-88-3 | T | | ppb | Toluene | < | < | < | < | < | < | < | 97110020 | 0.0 | 50 |
| 8260 | 2.5 | 0.5 | 71-55-6 | T | | ppb | 1,1,1-Trichloroethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 79-00-5 | T | | ppb | 1,1,2-Trichloroethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 79-01-6 | T | | ppb | Trichloroethene | < | < | < | < | < | < | < | 97110020 | 0.0 | 50 |
| 8260 | 5.0 | 0.5 | 75-69-4 | T | | ppb | Trichlorofluoromethane | < | < | < | < | < | < | < | | | |
| 8260 | 5.0 | 1.0 | 108-05-4 | T | | ppb | Vinyl acetate | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 75-01-4 | T | | ppb | Vinyl chloride | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 1.0 | 1330-20-7 | T | | ppb | Total Xylenes | 500 | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 75-71-8 | T | | ppb | Dichlorodifluoromethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 156-59-2 | T | | ppb | cis-1-2,-Dichloroethene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 594-20-7 | T | | ppb | 2,2-Dichloropropane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 74-97-5 | T | | ppb | Bromochloromethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 563-58-6 | T | | ppb | 1,1-Dichloropropene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 74-95-3 | T | | ppb | Dibromomethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 106-93-4 | T | | ppb | 1,2-Dibromoethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 142-28-9 | T | | ppb | 1,3-Dichloropropane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 98-82-8 | T | | ppb | Isopropylbenzene | 140 | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 79-34-5 | T | | ppb | 1,1,2,2-Tetrachloroethane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 96-18-4 | T | | ppb | 1,2,3-Trichloropropane | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 108-86-1 | T | | ppb | Bromobenzene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 103-65-1 | T | | ppb | n-Propylbenzene | 400 | 450 | 100 | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 95-49-8 | T | | ppb | 2-Chlorotoluene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 108-67-8 | T | | ppb | 1,3,5-Trimethylbenzene | 290 | 150 | 68 | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 106-43-4 | T | | ppb | 4-Chlorotoluene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 98-06-6 | T | | ppb | tert-Butylbenzene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 95-63-6 | T | | ppb | 1,2,4-Trimethylbenzene | 4,600 | 650 | 570 | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 135-98-8 | T | | ppb | sec-Butylbenzene | < | 390 | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 99-87-6 | T | | ppb | 4-Isopropyltoluene | 580 | 260 | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 541-73-1 | T | | ppb | 1,3-Dichlorobenzene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 106-46-7 | T | | ppb | 1,4-Dichlorobenzene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 104-51-8 | T | | ppb | n-Butylbenzene | 1,200 | 720 | 250 | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 95-50-1 | T | | ppb | 1,2-Dichlorobenzene | < | < | < | < | < | < | < | | | |
| 8260 | 5.0 | 1.0 | 96-12-8 | T | | ppb | 1,2-Dibromo-3-CPA | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 120-82-1 | T | | ppb | 1,2,4-Trichlorobenzene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 87-68-3 | T | | ppb | Hexachlorobutadiene | < | < | < | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 91-20-3 | T | | ppb | Naphthalene | 6,600 | 7,800 | 4,600 | < | < | < | < | | | |
| 8260 | 2.5 | 0.5 | 87-61-6 | T | | ppb | 1,2,3-Trichlorobenzene | < | < | < | < | < | < | < | | | |
| | | | | | T | % | Dibromofluoromethane | 98 | 97 | 103 | 104 | 98 | 96 | 97 | | | |
| | | | | | T | % | Toluene-d8 | 105 | 106 | 107 | 105 | 106 | 106 | 106 | | | |
| | | | | | T | % | 4-Bromofluorobenzene | 103 | 100 | 101 | 98 | 99 | 98 | 99 | | | |
| | | | | | | | *Tested* | 11/11/97 | 11/11/97 | 11/10/97 | 11/10/97 | 11/11/97 | 11/11/97 | | 11/10/97 | | |
| | | | | | | | *Dilution Factor* | 10 | 10 | 12 | 1 | 1 | 1 | | | | |
| 8270 | 100 | 5.0 | 83-32-9 | T | | ppb | Acenaphthene | 2,700 | 2,600 | 4,400 | 160 | < | < | | 97110020 | 0.0 | 50 |
| 8270 | 100 | 5.0 | 208-96-8 | T | | ppb | Acenaphthylene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 62-53-3 | T | | ppb | Aniline | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 120-12-7 | T | | ppb | Anthracene | 2,100 | 2,600 | 4,200 | 130 | < | < | | | | |
| 8270 | 500 | 50 | 65-85-0 | T | | ppb | Benzoic Acid | < | < | < | < | < | < | | | | |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8270 | 100 | 5.0 | 56-55-3 | T | | ppb | Benzo (a) anthracene | 1,100 | 3,000 | 4,300 | 120 | < | < | | | | |
| 8270 | 250 | 25 | 205-99-2 | T | | ppb | Benzo (b) fluoranthene | < | 2,700 | < | < | < | < | | | | |
| 8270 | 250 | 25 | 207-08-9 | T | | ppb | Benzo (k) fluoranthene | < | 2,800 | < | < | < | < | | | | |
| 8270 | 250 | 25 | 191-24-2 | T | | ppb | Benzo (g,h,i)perylene | < | < | < | < | < | < | | | | |
| 8270 | 250 | 25 | 50-32-8 | T | | ppb | Benzo (a) pyrene | < | 3,800 | 4,000 | < | < | < | | | | |
| 8270 | 100 | 50 | 100-51-6 | T | | ppb | Benzyl alcohol | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 111-91-1 | T | | ppb | Bis(2-chloroethoxy)methane | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 111-44-4 | T | | ppb | Bis(2-chloroethyl)ether | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 39638-32-9 | T | | ppb | Bis(2-chloroisopropyl)ether | < | < | < | < | < | < | | | | |
| 8270 | 100 | 3.0 | 117-81-7 | T | | ppb | Bis(2-ethylhexyl)phthalate | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 101-55-3 | T | | ppb | 4-Bromophenyl phenyl ether | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 85-68-7 | T | | ppb | Butyl benzyl phthalate | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 106-47-8 | T | | ppb | 4-Chloroaniline | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 91-58-7 | T | | ppb | 2-Chloronaphthalene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 59-50-7 | T | | ppb | 4-Chloro-3-methylphenol | < | < | < | < | < | < | | 97110020 | 0.0 | 100 |
| 8270 | 100 | 5.0 | 95-57-8 | T | | ppb | 2-Chlorophenol | < | < | < | < | < | < | | 97110020 | 0.0 | 100 |
| 8270 | 100 | 5.0 | 7005-72-3 | T | | ppb | 4-Chlorophenyl phenyl ehter | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 218-0109 | T | | ppb | Chrysene | 2,100 | 3,700 | 5,100 | 180 | < | < | | | | |
| 8270 | 100 | 25 | 53-70-3 | T | | ppb | Dibenz(a,h)anthracene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 132-64-9 | T | | ppb | Dibenzofuran | < | 1,200 | < | < | < | < | | | | |
| 8270 | 250 | 5.0 | 84-74-2 | T | | ppb | Di-N-butyl phthalate | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 541-73-1 | T | | ppb | 1,3-Dichlorobenzene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 106-46-7 | T | | ppb | 1,4-Dichlorobenzene | < | < | < | < | < | < | | 97110020 | 0.0 | 50 |
| 8270 | 100 | 5.0 | 95-50-1 | T | | ppb | 1,2-Dichlorobenzene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 91-94-1 | T | | ppb | 3,3-Dichlorobenzidine | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 120-83-2 | T | | ppb | 2,4-Dichlorophenol | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 84-66-2 | T | | ppb | Diethyl phthalate | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 105-67-9 | T | | ppb | 2,4-Dimethylphenol | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 131-11-3 | T | | ppb | Dimethyl phthalate | < | < | < | < | < | < | | | | |
| 8270 | 100 | 50 | 534-52-1 | T | | ppb | 4,6-Dinitro-2-methylphenol | < | < | < | < | < | < | | | | |
| 8270 | 100 | 50 | 51-28-5 | T | | ppb | 2,4-Dinitrophenol | < | < | < | < | < | < | | | | |
| 8270 | 250 | 5.0 | 121-14-2 | T | | ppb | 2,4-Dinitrotoluene | < | < | < | < | < | < | | | | |
| 8270 | 250 | 5.0 | 606-20-2 | T | | ppb | 2,6-Dinitrotoluene | < | < | < | < | < | < | | | | |
| 8270 | 250 | 25 | 117-84-0 | T | | ppb | Di-N-octyl phthalate | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 206-44-0 | T | | ppb | Fluoranthene | < | 6,600 | 3,700 | < | < | < | | | | |
| 8270 | 100 | 5.0 | 86-73-7 | T | | ppb | Fluorene | 3,600 | 2,500 | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 118-74-1 | T | | ppb | Hexachlorobenzene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 87-68-3 | T | | ppb | Hexachlorobutadiene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 77-47-4 | T | | ppb | Hexachlorocyclopentadiene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 67-72-1 | T | | ppb | Hexachloroethane | < | < | < | < | < | < | | | | |
| 8270 | 250 | 25 | 193-39-5 | T | | ppb | Indeno(1,2,3-cd)pyrene | < | 2,500 | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 78-59-1 | T | | ppb | Isophorone | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 91-57-6 | T | | ppb | 2-Methylnaphthalene | 46,000 | 12,000 | 29,000 | < | < | < | | | | |
| 8270 | 100 | 5.0 | 95-48-7 | T | | ppb | 2-Methylphenol | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 106-44-5 | T | | ppb | 4-Methylphenol | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 91-20-3 | T | | ppb | Naphthalene | 6,700 | 5,700 | 7,900 | < | < | < | | | | |
| 8270 | 250 | 50 | 88-74-4 | T | | ppb | 2-Nitroaniline | < | < | < | < | < | < | | | | |
| 8270 | 250 | 50 | 99-09-2 | T | | ppb | 3-Nitroaniline | < | < | < | < | < | < | | | | |
| 8270 | 250 | 50 | 100-01-6 | T | | ppb | 4-Nitroaniline | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 98-95-3 | T | | ppb | Nitrobenzene | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 88-75-5 | T | | ppb | 2-Nitrophenol | < | < | < | < | < | < | | | | |
| 8270 | 100 | 50 | 100-02-7 | T | | ppb | 4-Nitrophenol | < | < | < | < | < | < | | | | |
| 8270 | 100 | 5.0 | 86-30-6 | T | | ppb | N-Nitrosodiphenylamine | < | < | < | < | < | < | | | | |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8270 | 100 | 5.0 | 621-64-7 | T | ppb | N-Nitroso-di-N-propylamine | < | < | < | < | < | < | 97110020 | 0.0 | 50 |
| 8270 | 100 | 5.0 | 62-75-9 | T | ppb | N-Nitrosodimethylamine | < | < | < | < | < | < | | | |
| 8270 | 250 | 50 | 87-86-5 | T | ppb | Pentachlorophenol | < | < | < | < | < | < | 97110020 | 0.0 | 100 |
| 8270 | 100 | 5.0 | 85-01-8 | T | ppb | Phenanthrene | 9,100 | 4,700 | 24,000 | < | < | < | | | |
| 8270 | 100 | 5.0 | 108-95-2 | T | ppb | Phenol | < | < | < | < | < | < | 97110020 | 0.0 | 100 |
| 8270 | 100 | 5.0 | 129-00-0 | T | ppb | Pyrene | 3,300 | 6,300 | 14,000 | 490 | < | < | 97110020 | 0.0 | 50 |
| 8270 | 100 | 5.0 | 120-82-1 | T | ppb | 1,2,4-Trichlorobenzene | < | < | < | < | < | < | 97110020 | 0.0 | 50 |
| 8270 | 100 | 5.0 | 95-95-4 | T | ppb | 2,4,5-Trichlorophenol | < | < | < | < | < | < | | | |
| 8270 | 100 | 5.0 | 88-06-2 | T | ppb | 2,4,6-Trichlorophenol | < | < | < | < | < | < | | | |
| | | | | | | ***Tested*** | 11/10/97 | 11/10/97 | 11/10/97 | 11/10/97 | 11/12/97 | 11/12/97 | 11/10/97 | | |
| | | | | | | ***Dilution Factor*** | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| 8080 | 20 | 5.0 | 12674-11-2 | T | ppb | PCB-1016 | < | < | < | < | < | < | | | |
| 8080 | 20 | 5.0 | 11104-28-2 | T | ppb | PCB-1221 | < | < | < | < | < | < | | | |
| 8080 | 20 | 5.0 | 11141-16-5 | T | ppb | PCB-1232 | < | < | < | < | < | < | | | |
| 8080 | 20 | 5.0 | 53469-21-9 | T | ppb | PCB-1242 | < | < | < | < | < | < | | | |
| 8080 | 20 | 5.0 | 12672-29-6 | T | ppb | PCB-1248 | < | < | < | < | < | < | | | |
| 8080 | 20 | 5.0 | 11097-69-1 | T | ppb | PCB-1254 | < | < | < | < | < | < | | | |
| 8080 | 20 | 5.0 | 11096-82-5 | T | ppb | PCB-1260 | < | < | < | < | < | < | 97110020 | 0.0 | 250 |
| | | | | | | ***Tested*** | | | | | 11/11/97 | 11/11/97 | | | |
| | | | | | | ***Dilution Factor*** | | | | | 1 | 1 | | | |
| 8080 | 1.0 | 0.1 | 309-00-2 | T | ppb | Aldrin | | | | | < | < | | | |
| 8080 | 1.0 | 0.2 | 319-84-6 | T | ppb | alpha-BHC | | | | | < | < | | | |
| 8080 | 1.0 | 0.2 | 319-85-7 | T | ppb | beta-BHC | | | | | < | < | | | |
| 8080 | 2.0 | 0.2 | 319-86-8 | T | ppb | gamma-BHC | | | | | < | < | | | |
| 8080 | 1.0 | 0.2 | 58-89-9 | T | ppb | gamma-BHC (Lindane) | | | | | < | < | | | |
| 8080 | 10 | 0.2 | 57-74-9 | T | ppb | Chlordane | | | | | < | < | | | |
| 8080 | 2.0 | 0.5 | 72-54-9 | T | ppb | 4,4'-DDD | | | | | < | < | | | |
| 8080 | 5.0 | 0.1 | 72-55-9 | T | ppb | 4,4'-DDE | | | | | < | < | | | |
| 8080 | 1.0 | 0.1 | 50-29-3 | T | ppb | 4,4'-DDT | | | | | < | < | | | |
| 8080 | 2.0 | 0.5 | 60-57-1 | T | ppb | Dieldrin | | | | | < | < | | | |
| 8080 | 1.0 | 0.5 | 959-98-8 | T | ppb | Endosulfan I | | | | | < | < | | | |
| 8080 | 2.0 | 0.5 | 33213-65-9 | T | ppb | Endosulfan II | | | | | < | < | | | |
| 8080 | 10 | 0.5 | 1031-07-8 | T | ppb | Endosulfan sulfate | | | | | < | < | | | |
| 8080 | 2.0 | 0.02 | 72-20-8 | T | ppb | Endrin | | | | | < | < | | | |
| 8080 | 2.0 | 0.2 | 7421-93-4 | T | ppb | Endrin aldehyde | | | | | < | < | | | |
| 8080 | 1.0 | 0.1 | 76-44-8 | T | ppb | Heptachlor | | | | | < | < | | | |
| 8080 | 1.0 | 0.2 | 1024-57-3 | T | ppb | Heptachlor epoxide | | | | | < | < | | | |
| 8080 | 30 | 9.0 | 72-43-5 | T | ppb | Methoxychlor | | | | | < | < | | | |
| 8080 | 35 | 0.5 | 8001-35-2 | T | ppb | Toxaphene | | | | | < | < | | | |
| | | | | | | ***Tested*** | 11/11/97 | 11/11/97 | 11/11/97 | | | | | | |
| 8015m | | | | T | ppm | Up to & Including C-12 | 830 | 300 | 770 | | | | | | |
| 8015m | | | | T | ppm | C13-22 | 6,300 | 2,900 | 9,200 | | | | | | |
| 8015m | | | | T | ppm | C23 & Higher | 1,900 | 3,100 | 2,300 | | | | | | |
| 8015m | 8.0 | 0.5 | | T | ppm | Total | 9,000 | 6,300 | 12,000 | | | | | | |
| | | | | | | ***Tested*** | 11/11/97 | 11/11/97 | 11/11/97 | | 11/11/97 | 11/11/97 | 11/11/97 | | |
| 8015m | 8.0 | 0.5 | | T | ppm | Diesel | 7,100 | 2,400 | 10,000 | | < | < | OCA 200 | 0.0 | 100 |
| | | | | | | ***Tested*** | 11/10/97 | 11/10/97 | 11/10/97 | | 11/11/97 | 11/11/97 | 11/10/97 | | |
| | | | | | | ***Dilution Factor*** | 1 | 1 | 2 | | 1 | 1 | | | |



BOE-C6-0085911

MWI 9708

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8015m | 5.0 | 0.05 | | T | | ppm | Gas | 250 | 110 | 280 | | < | < | | OCA 200 | 0.0 | 50 |
| 9060 | 5.0 | 1.0 | | T | | ppm | ***Tested*** TOC | | | | | | | | | | |
| 9081 | 1.0 | 1.0 | | T | | ppm | ***Tested*** Cation Exchange Capacity | | | | | | | | | | |

(a) QC units for Method 8270 are reported in ng.



BOE-C6-0085912

| | | | | | QC(W) | | | | | | | | QC(S) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SL[e] | DL[e] | RECOVER | D RECOVER | RPD | LAB SAMP NO. | R1 | T CONC | SL[e] | DL[e] | RECOVER | D RECOVER | RPD | LAB SAMP NO. | R1 | T CONC | SL[e] | DL[e] | RECOVER | D RECOVER | RPD |
| 107 | 101 | 107 | 101 | 6 | 11/10/97 OCA 100 | 0.0 | 2.5 | 2.6 | 2.5 | 104 | 100 | 4 | | | | | | | | |
| 26.6 | 27.0 | 89 | 90 | 1 | 11/17/97 97110048 | 0.00 | 3.00 | 3.06 | 3.18 | 102 | 106 | 4 | | | | | | | | |
| 9.2 | 9.3 | 92 | 93 | 1 | 97110048 | 0.00 | 1.00 | 1.05 | 1.10 | 105 | 110 | 5 | | | | | | | | |
| 20.0 | 19.8 | 90 | 88 | 1 | 97110048 | 0.000 | 0.100 | 0.101 | 0.104 | 101 | 104 | 3 | | | | | | | | |
| 0.95 | 0.94 | 95 | 94 | 1 | 97110048 | 0.00 | 0.100 | 0.10 | 0.10 | 100 | 100 | 0 | | | | | | | | |
| 0.94 | 0.91 | 94 | 91 | 3 | 97110048 | 0.00 | 0.100 | 0.10 | 0.10 | 100 | 100 | 0 | | | | | | | | |
| 1.00 | 1.00 | 100 | 100 | 0 | 11/10/97 97110047 | 0.00 | 0.50 | 0.48 | 0.50 | 96 | 100 | 4 | | | | | | | | |
| 7.4 | 7.6 | 90 | 94 | 3 | 11/17/97 97110048 | 0.00 | 0.100 | 0.10 | 0.10 | 100 | 100 | 0 | | | | | | | | |
| 1.60 | 1.60 | 81 | 81 | 0 | 97110048 | 0.00 | 0.100 | 0.10 | 0.11 | 100 | 110 | 10 | | | | | | | | |
| 2.00 | 1.90 | 90 | 80 | 5 | 97110048 | 0.000 | 0.100 | 0.103 | 0.107 | 103 | 107 | 4 | | | | | | | | |
| 8.00 | 8.00 | 80 | 80 | 0 | 97110048 | 0.00 | 1.00 | 0.95 | 0.98 | 95 | 98 | 3 | | | | | | | | |
| 0.023 | 0.023 | 115 | 115 | 0 | 11/10/97 OCA 100 | 0.000 | 0.020 | 0.023 | 0.022 | 115 | 110 | 4 | | | | | | | | |
| 9.4 | 9.5 | 94 | 95 | 1 | 11/17/97 97110048 | 0.00 | 1.00 | 0.99 | 1.05 | 99 | 105 | 6 | | | | | | | | |
| 5.4 | 5.5 | 82 | 84 | 2 | 97110048 | 0.00 | 0.50 | 0.51 | 0.53 | 102 | 106 | 4 | | | | | | | | |
| 10.0 | 11.0 | 100 | 110 | 10 | 97110048 | 0.00 | 1.00 | 1.00 | 1.05 | 100 | 105 | 5 | | | | | | | | |
| 4.0 | 4.0 | 80 | 80 | 0 | 97110048 | 0.00 | 1.50 | 1.55 | 1.60 | 103 | 107 | 3 | | | | | | | | |
| 26.0 | 26.0 | 87 | 87 | 0 | 97110048 | 0.00 | 3.00 | 3.03 | 3.12 | 101 | 104 | 3 | | | | | | | | |
| 7.4 | 7.5 | 88 | 90 | 1 | 97110048 | 0.00 | 0.50 | 0.49 | 0.50 | 98 | 100 | 2 | | | | | | | | |
| 8.6 | 8.4 | 92 | 88 | 2 | 97110048 | 0.000 | 0.100 | 0.099 | 0.098 | 99 | 98 | 1 | | | | | | | | |



BOE-C6-0085913

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51 | 52 | 102 | 104 | 2 | 11/13/97<br>97110049 | 0.0 | 20 | 19 | 20 | 95 | 100 | 5 |
| 50 | 51 | 100 | 102 | 2 | 97110049 | 0.0 | 20 | 18 | 19 | 90 | 95 | 5 |
| 51 | 60 | 102 | 120 | 16 | 97110049 | 0.0 | 20 | 20 | 23 | 100 | 115 | 14 |



BOE-C6-0085914

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 54 | 106 | 108 | 2 | 97110049 | 0.0 | 20 | 19 | 21 | 95 | 105 | 10 | | | | | | | | |
| 49 | 51 | 98 | 102 | 4 | 97110049 | 0.0 | 20 | 17 | 19 | 85 | 95 | 11 | | | | | | | | |
| 38 | 39 | 76 | 78 | 3 | 11/11/97 OCA100 | 0.0 | 50 | 38 | 41 | 76 | 82 | 8 | 11/11/97 OCA 200 | 0.0 | 50 | 36 | 40 | 72 | 80 | 11 |



BOE-C6-0085915

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65 | 68 | 65 | 68 | 5 | OCA100 | 0.0 | 100 | 63 | 62 | 63 | 62 | 2 | OCA 200 | 0.0 | 100 | 66 | 69 | 66 | 69 | 4 |
| 63 | 63 | 63 | 63 | 0 | OCA100 | 0.0 | 100 | 62 | 65 | 62 | 65 | 5 | OCA 200 | 0.0 | 100 | 59 | 64 | 59 | 64 | 8 |
| 34 | 35 | 68 | 70 | 3 | OCA100 | 0.0 | 50 | 28 | 30 | 56 | 60 | 7 | OCA 200 | 0.0 | 50 | 31 | 35 | 62 | 70 | 12 |



BOE-C6-0085916

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 36 | 64 | 72 | 12 | OCA100 | 0.0 | 50 | 37 | 36 | 74 | 72 | 3 | OCA 200 | 0.0 | 50 | 31 | 37 | 62 | 74 | 18 |
| 66 | 69 | 66 | 69 | 4 | OCA100 | 0.0 | 100 | 68 | 69 | 68 | 69 | 1 | OCA 200 | 0.0 | 100 | 66 | 71 | 66 | 71 | 7 |
| 60 | 60 | 60 | 60 | 0 | OCA100 | 0.0 | 100 | 18 | 16 | 18 | 16 | 12 | OCA 200 | 0.0 | 100 | 58 | 62 | 58 | 62 | 7 |
| 38 | 39 | 76 | 78 | 3 | OCA100 | 0.0 | 50 | 38 | 43 | 76 | 86 | 12 | OCA 200 | 0.0 | 50 | 37 | 41 | 74 | 82 | 10 |
| 36 | 37 | 72 | 74 | 3 | OCA100 | 0.0 | 50 | 32 | 32 | 64 | 64 | 0 | OCA 200 | 0.0 | 50 | 34 | 38 | 68 | 76 | 11 |
| | | | | | 11/12/97 | | | | | | | | | | | | | | | |
| 110 | 130 | 44 | 52 | 17 | OCA100 | 0.0 | 20 | 9.4 | 7.0 | 47 | 35 | 29 | | | | | | | | |
| | | | | | 11/11/97 | | | | | | | | | | | | | | | |
| | | | | | OCA100 | 0.0 | 1.0 | 0.50 | 0.57 | 50 | 57 | 13 | | | | | | | | |
| | | | | | 11/11/97 | | | | | | | | | | | | | | | |
| 100 | 92 | 100 | 92 | 8 | OCA 100 | 0.0 | 5.0 | 4.0 | 4.0 | 80 | 80 | 0 | | | | | | | | |
| | | | | | 11/11/97 | | | | | | | | | | | | | | | |



BOE-C6-0085917

MWI 9708

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | 56 | 96 | 112 | 15 | OCA 100 | 0.0 | 0.250 | 0.280 | 0.296 | 112 | 118 | 6 | | | | | | | | |



BOE-C6-0085918

**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

# Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: 24 hr TAT on Soil TRPH & VOCs; 5 day Turnaround on Soil; Standard TAT on WATER

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| COMPANY: | Montgomery Watson | PROJECT NAME: | The Boeing Company |
| SEND REPORT TO: | Fred Strauss | NUMBER: | 1206035.01090010 |
| ADDRESS: | 250 N. Madison Ave. Pasadena, CA 91101 | LOCATION: | C-6 Facility |
| | | ADDRESS: | 19503 S. Normandie Ave. Los Angeles, CA |
| PHONE: | (626) 568-6582 FAX: (626) 796-5944 | SAMPLED BY: | IV/CW |

| SAMPLE ID | NO. OF CONTAINERS | SAMPLE DATE | SAMPLE TIME | SAMPLE MATRIX | CONTAINER TYPE | PRES. | TRPH 418.1 | Title 22 Metals | VOCs 8260 | SVOCs 8270 | PCBs 8080 | Pesticides 8080 | Carbon Chain | 8015 gas | 8015 diesel | REMARKS/PRECAUTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PL-GS-12-6' | 2 | 11/7/97 | 1000 | SOIL | 2"x6" SS SLEEVE | ICE | X | X | X | X | X | | X | X | X | |
| PL-GS-13-5' | 2 | 11/7/97 | 1040 | SOIL | | | X | X | X | X | X | | X | X | X | |
| PL-GS-14-2' | 2 | 11/7/97 | 1355 | SOIL | | | X | X | X | X | X | | X | X | X | |
| RR2-GS-2-2' | 2 | 11/7/97 | 1400 | SOIL | | | X | X | X | X | X | | | | | |
| Equipment Blank | 9 | 11/7/97 | 1450 | WATER | Amber 1 Poly 3 VOAs | None HNO3 HCl | X | X | X | X | X | X | | X | X | |
| Rinsate Blank | 9 | 11/7/97 | 1500 | WATER | | | X | X | X | X | X | X | | X | X | |
| Trip Blank | 2 | 11/7/97 | — | WATER | 2 VOAs | HCl | | | X | | | | | | | |

Total No. of Samples: 7

Method of Shipment: 1 cooler via Orange Coast Courier

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| Ivan Vargas | 11/7/97 1515. | | |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received For Lab By: [illegible signature] | Date/Time: 11/7/97 15:15 |

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0085919

**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

# LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification (ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9845

Analytical Method: EPA 8260, 8270, Title 22 Metals

Date Sampled: 12/29/97
Date Received: 12/29/97
Date Reported: 01/05/98

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

| METHOD ID | LIMIT1 SOIL | LIMIT1 WATER | LAB CAS ID | PF CODE | SURROG FLG | Units | LAB CHEM | 97120565 | 97120566 | 97120567 | 97120568 | 97120569 | 97120570 | 97120571 | 97120572 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SAMP TYPE | S | S | W | W | W | S | S | S |
| | | | | | | | RES CODE | PP01 | PP01 | BF11 | BR11 | BT11 | PP01 | PP01 | PP01 |
| | | | | | | | SAMP ID | PH-LTU-2A-GS-1 | PH-LTU-2-GS-1 | EQUIP BLANK | RINSATE BLANK | TRIP BLANK | B41-LTU-1-GS-1 | BA-LTU-2-GS-1 | BA-LTU-1-GS-1 |
| | | | | | | | SAMP DATE | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 |
| | | | | | | | SAMP TIME | 13:20 | 13:30 | 13:50 | 14:00 | | 14:30 | 14:35 | 14:40 |
| | | | | | | | SAMP DEPTH | 1' | 1' | | | | | | |
| | | | | | | | PRESERVED | | | , N, H | , N, H | , N, H | | | |
| | | | | | | | ICED | Y | Y | Y | Y | Y | Y | Y | Y |
| | | | | | | | RECEIVED | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 | 12/29/97 |
| | | | | | | | REC TIME | 14:55 | 14:55 | 14:55 | 14:55 | 14:55 | 14:55 | 14:55 | 14:55 |
| | | | | | | | BASIS | W | W | W | W | W | W | W | W |
| | | | | | | | *Tested* | | | | | | | | |
| 418.1 | 8.0 | 0.5 | | T | | ppm | Extractable Hydrocarbons | | | | | | | | |
| | | | | | | | *Tested* | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | | 01/02/98 | 01/02/98 | 01/02/98 |
| 6010 | 5.0 | 0.5 | | T | | ppm | Antimony | < | < | < | < | | < | < | < |
| 6010 | 1.0 | 0.1 | | T | | ppm | Arsenic | 14 | 3.5 | < | < | | 7.9 | 3.1 | 3.8 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Barium | 79 | 23 | < | < | | 91 | 110 | 100 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Beryllium | < | < | < | < | | < | < | < |
| 6010 | 0.1 | 0.01 | | T | | ppm | Cadmium | 1.2 | 1.3 | < | < | | 0.9 | 1.6 | 1.3 |
| | | | | | | | *Tested* | 12/30/97 | 12/30/97 | 12/30/97 | 12/30/97 | | 12/31/97 | 12/30/97 | 12/30/97 |
| 7196 | 0.5 | 0.01 | | T | | ppm | Chromium (VI) | < | < | < | < | | < | < | < |
| | | | | | | | *Tested* | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | | 01/02/98 | 01/02/98 | 01/02/98 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Chromium Total | 15 | 15 | < | < | | 12 | 15 | 15 |
| 6010 | 0.5 | 0.1 | | T | | ppm | Cobalt | 7.0 | 8.3 | < | < | | 6.8 | 10 | 9.1 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Copper | 14 | 18 | < | < | | 15 | 15 | 17 |
| 6010 | 1.0 | 0.1 | | T | | ppm | Lead | 4.4 | 2.1 | < | < | | 3.5 | 4.2 | 3.6 |
| | | | | | | | *Tested* | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | | 12/31/97 | 12/31/97 | 12/31/97 |
| 7471 | 0.01 | 0.002 | | T | | ppm | Mercury | < | < | < | < | | < | < | < |
| | | | | | | | *Tested* | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | | 01/02/98 | 01/02/98 | 01/02/98 |
| 6010 | 0.5 | 0.1 | | T | | ppm | Molybdenum | < | < | < | < | | < | < | < |
| 6010 | 0.5 | 0.1 | | T | | ppm | Nickel | 9.9 | 14 | < | < | | 9.5 | 9.8 | 11 |
| 6010 | 1.0 | 0.1 | | T | | ppm | Selenium | < | < | < | < | | < | < | < |
| 6010 | 0.1 | 0.1 | | T | | ppm | Silver | < | < | < | < | | < | < | < |
| 6010 | 5.0 | 0.5 | | T | | ppm | Thallium | < | < | < | < | | < | < | < |
| 6010 | 0.5 | 0.1 | | T | | ppm | Vanadium | 27 | 17 | < | < | | 24 | 29 | 29 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Zinc | 34 | 27 | < | < | | 30 | 32 | 39 |
| | | | | | | | *Tested* | | | | | | | | |
| STLC | | 5.0 | | S | | ppm | Antimony | | | | | | | | |
| | | 1.0 | | S | | ppm | Arsenic | | | | | | | | |
| | | 0.1 | | S | | ppm | Barium | | | | | | | | |
| | | 0.1 | | S | | ppm | Beryllium | | | | | | | | |
| | | 0.1 | | S | | ppm | Cadmium | | | | | | | | |
| | | 0.5 | | S | | ppm | Chromium (VI) | | | | | | | | |
| | | 0.1 | | S | | ppm | Chromium Total | | | | | | | | |
| | | 0.5 | | S | | ppm | Cobalt | | | | | | | | |
| | | 0.1 | | S | | ppm | Copper | | | | | | | | |



BOE-C6-0085921

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1.0 | | S | ppm | Lead | | | | | | | | | |
| | | 0.01 | | S | ppm | Mercury | | | | | | | | | |
| | | 0.5 | | S | ppm | Molybdenum | | | | | | | | | |
| | | 0.5 | | S | ppm | Nickel | | | | | | | | | |
| | | 1.0 | | S | ppm | Selenium | | | | | | | | | |
| | | 0.1 | | S | ppm | Silver | | | | | | | | | |
| | | 5.0 | | S | ppm | Thallium | | | | | | | | | |
| | | 0.5 | | S | ppm | Vanadium | | | | | | | | | |
| | | 0.1 | | S | ppm | Zinc | | | | | | | | | |
| | | | | | | ***Tested*** | | | | | | | | | |
| TCLP | | 5.0 | | C | ppm | Antimony | | | | | | | | | |
| | | 1.0 | | C | ppm | Arsenic | | | | | | | | | |
| | | 0.1 | | C | ppm | Barium | | | | | | | | | |
| | | 0.1 | | C | ppm | Beryllium | | | | | | | | | |
| | | 0.1 | | C | ppm | Cadmium | | | | | | | | | |
| | | 0.5 | | C | ppm | Chromium (VI) | | | | | | | | | |
| | | 0.1 | | C | ppm | Chromium Total | | | | | | | | | |
| | | 0.5 | | C | ppm | Cobalt | | | | | | | | | |
| | | 0.1 | | C | ppm | Copper | | | | | | | | | |
| | | 1.0 | | C | ppm | Lead | | | | | | | | | |
| | | 0.01 | | C | ppm | Mercury | | | | | | | | | |
| | | 0.5 | | C | ppm | Molybdenum | | | | | | | | | |
| | | 0.5 | | C | ppm | Nickel | | | | | | | | | |
| | | 1.0 | | C | ppm | Selenium | | | | | | | | | |
| | | 0.1 | | C | ppm | Silver | | | | | | | | | |
| | | 5.0 | | C | ppm | Thallium | | | | | | | | | |
| | | 0.5 | | C | ppm | Vanadium | | | | | | | | | |
| | | 0.1 | | C | ppm | Zinc | | | | | | | | | |
| | | | | | | ***Tested*** | 12/30/97 | 12/30/97 | 12/30/97 | 12/30/97 | 12/31/97 | 12/30/97 | 12/30/97 | 12/30/97 |
| | | | | | | ***Dilution Factor*** | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8260 | 2.5 | 0.5 | 71-43-2 | T | ppb | Benzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-27-4 | T | ppb | Bromodichloromethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-25-2 | T | ppb | Bromoform | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 1.0 | 74-83-9 | T | ppb | Bromomethane | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 0.5 | 75-15-0 | T | ppb | Carbon Disulfide | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 56-23-5 | T | ppb | Carbon tetrachloride | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 108-90-7 | T | ppb | Chlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 124-48-1 | T | ppb | Chlorodibromomethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-00-3 | T | ppb | Chloroethane | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 0.5 | 110-75-8 | T | ppb | 2-Chloroethyl vinyl ether | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 67-66-3 | T | ppb | Chloroform | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 74-87-3 | T | ppb | Chloromethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-34-3 | T | ppb | 1,1-Dichloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 107-06-2 | T | ppb | 1,2-Dichloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-35-4 | T | ppb | 1,1-Dichloroethene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 156-60-5 | T | ppb | Trans 1,2-Dichloroethene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 78-87-5 | T | ppb | 1,2-Dichloropropane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 10061-01-5 | T | ppb | cis-1,3-Dichloropropene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 10061-02-6 | T | ppb | trans-1,3-Dichloropropene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 100-41-4 | T | ppb | Ethylbenzene | < | < | < | < | < | < | < | < |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8260 | 5.0 | 2.5 | 75-09-2 | T | | ppb | Methylene chloride | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 100-42-5 | T | | ppb | Styrene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 79-34-5 | T | | ppb | 1,1,2,2-Tetrachloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 127-18-4 | T | | ppb | Tetrachloroethene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 108-88-3 | T | | ppb | Toluene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 71-55-6 | T | | ppb | 1,1,1-Trichloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 79-00-5 | T | | ppb | 1,1,2-Trichloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 79-01-6 | T | | ppb | Trichloroethene | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 0.5 | 75-69-4 | T | | ppb | Trichlorofluoromethane | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 1.0 | 108-05-4 | T | | ppb | Vinyl acetate | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-01-4 | T | | ppb | Vinyl chloride | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 1.0 | 1330-20-7 | T | | ppb | Total Xylenes | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-71-8 | T | | ppb | Dichlorodifluoromethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 156-59-2 | T | | ppb | cis-1-2,-Dichloroethene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 594-20-7 | T | | ppb | 2,2-Dichloropropane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 74-97-5 | T | | ppb | Bromochloromethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 563-58-6 | T | | ppb | 1,1-Dichloropropene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 74-95-3 | T | | ppb | Dibromomethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 106-93-4 | T | | ppb | 1,2-Dibromoethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 142-28-9 | T | | ppb | 1,3-Dichloropropane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 98-82-8 | T | | ppb | Isopropylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 79-34-5 | T | | ppb | 1,1,2,2-Tetrachloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 96-18-4 | T | | ppb | 1,2,3-Trichloropropane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 108-86-1 | T | | ppb | Bromobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 103-65-1 | T | | ppb | n-Propylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 95-49-8 | T | | ppb | 2-Chlorotoluene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 108-67-8 | T | | ppb | 1,3,5-Trimethylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 106-43-4 | T | | ppb | 4-Chlorotoluene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 98-06-6 | T | | ppb | tert-Butylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 95-63-6 | T | | ppb | 1,2,4-Trimethylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 135-98-8 | T | | ppb | sec-Butylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 99-87-6 | T | | ppb | 4-Isopropyltoluene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 541-73-1 | T | | ppb | 1,3-Dichlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 106-46-7 | T | | ppb | 1,4-Dichlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 104-51-8 | T | | ppb | n-Butylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 95-50-1 | T | | ppb | 1,2-Dichlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 1.0 | 96-12-8 | T | | ppb | 1,2-Dibromo-3-CPA | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 120-82-1 | T | | ppb | 1,2,4-Trichlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 87-68-3 | T | | ppb | Hexachlorobutadiene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 91-20-3 | T | | ppb | Naphthalene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 87-61-6 | T | | ppb | 1,2,3-Trichlorobenzene | < | < | < | < | < | < | < | < |
| | | | | | T | % | Dibromofluoromethane | 107 | 108 | 107 | 108 | 106 | 104 | 105 | 107 |
| | | | | | T | % | Toluene-d8 | 103 | 105 | 96 | 96 | 97 | 103 | 107 | 105 |
| | | | | | T | % | 4-Bromofluorobenzene | 100 | 101 | 108 | 105 | 105 | 96 | 98 | 98 |
| | | | | | | | ***Tested*** | 12/30/97 | 12/30/97 | 12/30/97 | 12/30/97 | | 01/02/98 | 12/30/97 | 12/30/97 |
| | | | | | | | ***Dilution Factor*** | 1 | 1 | 1 | 1 | | 1 | 1 | 1 |
| 8270 | 100 | 5.0 | 83-32-9 | T | | ppb | Acenaphthene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 208-96-8 | T | | ppb | Acenaphthylene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 62-53-3 | T | | ppb | Aniline | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 120-12-7 | T | | ppb | Anthracene | < | < | < | < | | < | < | < |
| 8270 | 500 | 50 | 65-85-0 | T | | ppb | Benzoic Acid | < | < | < | < | | < | < | < |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8270 | 100 | 5.0 | 56-55-3 | T | | ppb | Benzo (a) anthracene | 130 | < | < | < | | < | < | < |
| 8270 | 250 | 25 | 205-99-2 | T | | ppb | Benzo (b) fluoranthene | < | < | < | < | | < | < | < |
| 8270 | 250 | 25 | 207-08-9 | T | | ppb | Benzo (k) fluoranthene | < | < | < | < | | < | < | < |
| 8270 | 250 | 25 | 191-24-2 | T | | ppb | Benzo (g,h,i)perylene | < | < | < | < | | < | < | < |
| 8270 | 250 | 25 | 50-32-8 | T | | ppb | Benzo (a) pyrene | < | < | < | < | | < | < | < |
| 8270 | 100 | 50 | 100-51-6 | T | | ppb | Benzyl alcohol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 111-91-1 | T | | ppb | Bis(2-chloroethoxy)methane | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 111-44-4 | T | | ppb | Bis(2-chloroethyl)ether | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 39638-32-9 | T | | ppb | Bis(2-chloroisopropyl)ether | < | < | < | < | | < | < | < |
| 8270 | 100 | 3.0 | 117-81-7 | T | | ppb | Bis(2-ethylhexyl)phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 101-55-3 | T | | ppb | 4-Bromophenyl phenyl ether | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 85-68-7 | T | | ppb | Butyl benzyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 106-47-8 | T | | ppb | 4-Chloroaniline | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 91-58-7 | T | | ppb | 2-Chloronaphthalene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 59-50-7 | T | | ppb | 4-Chloro-3-methylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 95-57-8 | T | | ppb | 2-Chlorophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 7005-72-3 | T | | ppb | 4-Chlorophenyl phenyl ehter | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 218-0109 | T | | ppb | Chrysene | 210 | < | < | < | | < | < | < |
| 8270 | 100 | 25 | 53-70-3 | T | | ppb | Dibenz(a,h)anthracene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 132-64-9 | T | | ppb | Dibenzofuran | < | < | < | < | | < | < | < |
| 8270 | 250 | 5.0 | 84-74-2 | T | | ppb | Di-N-butyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 541-73-1 | T | | ppb | 1,3-Dichlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 106-46-7 | T | | ppb | 1,4-Dichlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 95-50-1 | T | | ppb | 1,2-Dichlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 91-94-1 | T | | ppb | 3,3-Dichlorobenzidine | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 120-83-2 | T | | ppb | 2,4-Dichlorophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 84-66-2 | T | | ppb | Diethyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 105-67-9 | T | | ppb | 2,4-Dimethylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 131-11-3 | T | | ppb | Dimethyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 50 | 534-52-1 | T | | ppb | 4,6-Dinitro-2-methylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 50 | 51-28-5 | T | | ppb | 2,4-Dinitrophenol | < | < | < | < | | < | < | < |
| 8270 | 250 | 5.0 | 121-14-2 | T | | ppb | 2,4-Dinitrotoluene | < | < | < | < | | < | < | < |
| 8270 | 250 | 5.0 | 606-20-2 | T | | ppb | 2,6-Dinitrotoluene | < | < | < | < | | < | < | < |
| 8270 | 250 | 25 | 117-84-0 | T | | ppb | Di-N-octyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 206-44-0 | T | | ppb | Fluoranthene | 130 | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 86-73-7 | T | | ppb | Fluorene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 118-74-1 | T | | ppb | Hexachlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 87-68-3 | T | | ppb | Hexachlorobutadiene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 77-47-4 | T | | ppb | Hexachlorocyclopentadiene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 67-72-1 | T | | ppb | Hexachloroethane | < | < | < | < | | < | < | < |
| 8270 | 250 | 25 | 193-39-5 | T | | ppb | Indeno(1,2,3-cd)pyrene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 78-59-1 | T | | ppb | Isophorone | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 91-57-6 | T | | ppb | 2-Methylnaphthalene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 95-48-7 | T | | ppb | 2-Methylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 106-44-5 | T | | ppb | 4-Methylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 91-20-3 | T | | ppb | Naphthalene | < | < | < | < | | < | < | < |
| 8270 | 250 | 50 | 88-74-4 | T | | ppb | 2-Nitroaniline | < | < | < | < | | < | < | < |
| 8270 | 250 | 50 | 99-09-2 | T | | ppb | 3-Nitroaniline | < | < | < | < | | < | < | < |
| 8270 | 250 | 50 | 100-01-6 | T | | ppb | 4-Nitroaniline | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 98-95-3 | T | | ppb | Nitrobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 88-75-5 | T | | ppb | 2-Nitrophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 50 | 100-02-7 | T | | ppb | 4-Nitrophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 86-30-6 | T | | ppb | N-Nitrosodiphenylamine | < | < | < | < | | < | < | < |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8270 | 100 | 5.0 | 621-64-7 | T | | ppb | N-Nitroso-di-N-propylamine | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 62-75-9 | T | | ppb | N-Nitrosodimethylamine | < | < | < | < | | < | < | < |
| 8270 | 250 | 50 | 87-86-5 | T | | ppb | Pentachlorophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 85-01-8 | T | | ppb | Phenanthrene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 108-95-2 | T | | ppb | Phenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 129-00-0 | T | | ppb | Pyrene | 410 | < | < | < | | 130 | < | < |
| 8270 | 100 | 5.0 | 120-82-1 | T | | ppb | 1,2,4-Trichlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 95-95-4 | T | | ppb | 2,4,5-Trichlorophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 88-06-2 | T | | ppb | 2,4,6-Trichlorophenol | < | < | < | < | | < | < | < |
| | | | | | | | ***Tested*** | | | | | | | | |
| | | | | | | | ***Dilution Factor*** | | | | | | | | |
| 8080 | 20 | 5.0 | 12674-11-2 | T | | ppb | PCB-1016 | | | | | | | | |
| 8080 | 20 | 5.0 | 11104-28-2 | T | | ppb | PCB-1221 | | | | | | | | |
| 8080 | 20 | 5.0 | 11141-16-5 | T | | ppb | PCB-1232 | | | | | | | | |
| 8080 | 20 | 5.0 | 53469-21-9 | T | | ppb | PCB-1242 | | | | | | | | |
| 8080 | 20 | 5.0 | 12672-29-6 | T | | ppb | PCB-1248 | | | | | | | | |
| 8080 | 20 | 5.0 | 11097-69-1 | T | | ppb | PCB-1254 | | | | | | | | |
| 8080 | 20 | 5.0 | 11096-82-5 | T | | ppb | PCB-1260 | | | | | | | | |
| | | | | | | | ***Tested*** | | | | | | | | |
| | | | | | | | ***Dilution Factor*** | | | | | | | | |
| 8080 | 1.0 | 0.1 | 309-00-2 | T | | ppb | Aldrin | | | | | | | | |
| 8080 | 1.0 | 0.2 | 319-84-6 | T | | ppb | alpha-BHC | | | | | | | | |
| 8080 | 1.0 | 0.2 | 319-85-7 | T | | ppb | beta-BHC | | | | | | | | |
| 8080 | 2.0 | 0.2 | 319-86-8 | T | | ppb | gamma-BHC | | | | | | | | |
| 8080 | 1.0 | 0.2 | 58-89-9 | T | | ppb | gamma-BHC (Lindane) | | | | | | | | |
| 8080 | 10 | 0.2 | 57-74-9 | T | | ppb | Chlordane | | | | | | | | |
| 8080 | 2.0 | 0.5 | 72-54-9 | T | | ppb | 4,4'-DDD | | | | | | | | |
| 8080 | 5.0 | 0.1 | 72-55-9 | T | | ppb | 4,4'-DDE | | | | | | | | |
| 8080 | 1.0 | 0.1 | 50-29-3 | T | | ppb | 4,4'-DDT | | | | | | | | |
| 8080 | 2.0 | 0.5 | 60-57-1 | T | | ppb | Dieldrin | | | | | | | | |
| 8080 | 1.0 | 0.5 | 959-98-8 | T | | ppb | Endosulfan I | | | | | | | | |
| 8080 | 2.0 | 0.5 | 33213-65-9 | T | | ppb | Endosulfan II | | | | | | | | |
| 8080 | 10 | 0.5 | 1031-07-8 | T | | ppb | Endosulfan sulfate | | | | | | | | |
| 8080 | 2.0 | 0.02 | 72-20-8 | T | | ppb | Endrin | | | | | | | | |
| 8080 | 2.0 | 0.2 | 7421-93-4 | T | | ppb | Endrin aldehyde | | | | | | | | |
| 8080 | 1.0 | 0.1 | 76-44-8 | T | | ppb | Heptachlor | | | | | | | | |
| 8080 | 1.0 | 0.2 | 1024-57-3 | T | | ppb | Heptachlor epoxide | | | | | | | | |
| 8080 | 30 | 9.0 | 72-43-5 | T | | ppb | Methoxychlor | | | | | | | | |
| 8080 | 35 | 0.5 | 8001-35-2 | T | | ppb | Toxaphene | | | | | | | | |
| | | | | | | | ***Tested*** | | | | | | | | |
| 8015m | | | | T | | ppm | Up to & Including C-12 | | | | | | | | |
| 8015m | | | | T | | ppm | C13-22 | | | | | | | | |
| 8015m | | | | T | | ppm | C23 & Higher | | | | | | | | |
| 8015m | 8.0 | 0.5 | | T | | ppm | Total | | | | | | | | |
| | | | | | | | ***Tested*** | | | | | | | | |
| 8015m | 8.0 | 0.5 | | T | | ppm | Diesel | | | | | | | | |
| | | | | | | | ***Tested*** | | | | | | | | |
| 8015m | 5.0 | 0.05 | | T | | ppm | Gas | | | | | | | | |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9060 | 5.0 | 1.0 | | T | | ppm | *Tested* TOC | | | | | | | | | |
| 9081 | 1.0 | 1.0 | | T | | ppm | *Tested* Cation Exchange Capacity | | | | | | | | | |

(a) QC units for Method 8270 are reported in ng.



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| QC(S) | | | | | | | | QC(W) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAB SAMP NO. | R1 | T CONC | SL[a] | DL[a] | RECOVER | D RECOVER | RPD | LAB SAMP NO. | R1 | T CONC | SL[a] | DL[a] | RECOVER | D RECOVER | RPD |
| 01/02/98 | | | | | | | | 01/02/98 | | | | | | | |
| 97120565 | 0.0 | 5.0 | 5.1 | 5.0 | 102 | 100 | 2 | 97120567 | 0.00 | 3.00 | 3.07 | 3.08 | 102 | 103 | 0 |
| 97120565 | 1.4 | 5.0 | 6.5 | 6.3 | 102 | 98 | 3 | 97120567 | 0.00 | 1.00 | 1.00 | 1.00 | 100 | 100 | 0 |
| 97120565 | 7.9 | 5.0 | 13.4 | 12.9 | 110 | 100 | 4 | 97120567 | 0.000 | 0.100 | 0.084 | 0.084 | 84 | 84 | 0 |
| 97120565 | 0.00 | 1.00 | 0.93 | 0.89 | 93 | 89 | 4 | 97120567 | 0.00 | 0.100 | 0.095 | 0.096 | 95 | 96 | 1 |
| 97120565 | 0.12 | 1.00 | 0.98 | 0.95 | 86 | 83 | 3 | 97120567 | 0.00 | 0.100 | 0.093 | 0.094 | 93 | 94 | 1 |
| 12/30/97 | | | | | | | | 12/30/97 | | | | | | | |
| 97120572 | 0.00 | 1.00 | 1.00 | 1.00 | 100 | 100 | 0 | 97120567 | 0.00 | 0.50 | 0.51 | 0.50 | 102 | 100 | 2 |
| 01/02/98 | | | | | | | | 01/02/98 | | | | | | | |
| 97120565 | 1.50 | 1.00 | 2.47 | 2.38 | 97 | 88 | 4 | 97120567 | 0.00 | 0.100 | 0.094 | 0.094 | 94 | 94 | 0 |
| 97120565 | 0.70 | 1.00 | 1.59 | 1.53 | 89 | 83 | 4 | 97120567 | 0.00 | 0.100 | 0.096 | 0.096 | 96 | 96 | 0 |
| 97120565 | 1.40 | 1.00 | 2.37 | 2.28 | 97 | 88 | 4 | 97120567 | 0.000 | 0.100 | 0.096 | 0.098 | 96 | 98 | 2 |
| 97120565 | 0.44 | 1.0 | 1.2 | 1.2 | 76 | 76 | 0 | 97120567 | 0.00 | 1.00 | 0.96 | 0.95 | 96 | 95 | 1 |
| 12/31/97 | | | | | | | | 12/31/97 | | | | | | | |
| 97120565 | 0.000 | 0.020 | 0.022 | 0.024 | 110 | 120 | 9 | OCA 100 | 0.000 | 0.020 | 0.019 | 0.019 | 95 | 95 | 0 |
| 01/02/98 | | | | | | | | 01/02/98 | | | | | | | |
| 97120565 | 0.0 | 1.0 | 0.95 | 0.92 | 95 | 92 | 3 | 97120567 | 0.00 | 1.00 | 0.99 | 1.03 | 99 | 103 | 4 |
| 97120565 | 0.99 | 5.00 | 5.80 | 5.58 | 96 | 92 | 4 | 97120567 | 0.00 | 0.50 | 0.47 | 0.48 | 94 | 96 | 2 |
| 97120565 | 0.0 | 5.0 | 4.2 | 4.1 | 84 | 82 | 2 | 97120567 | 0.00 | 1.00 | 1.01 | 1.02 | 101 | 102 | 1 |
| 97120565 | 0.0 | 5.0 | 5.0 | 4.8 | 100 | 96 | 4 | 97120567 | 0.00 | 0.50 | 0.50 | 0.53 | 100 | 106 | 6 |
| 97120565 | 0.0 | 5.0 | 4.2 | 4.1 | 84 | 82 | 2 | 97120567 | 0.00 | 3.00 | 3.04 | 3.04 | 101 | 101 | 0 |
| 97120565 | 2.7 | 5.0 | 7.0 | 6.7 | 86 | 80 | 4 | 97120567 | 0.00 | 0.50 | 0.45 | 0.46 | 90 | 92 | 2 |
| 97120565 | 3.4 | 5.0 | 7.5 | 7.2 | 82 | 76 | 4 | 97120567 | 0.000 | 0.100 | 0.100 | 0.099 | 100 | 99 | 1 |



BOE-C6-0085927

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12/30/97 1 OCA 200 | 0.0 | 50 | 51 | 54 | 102 | 108 | 6 | 12/30/97 1 97120568 | 0.0 | 20 | 15 | 15 | 75 | 75 | 0 |
| OCA 200 | 0.0 | 50 | 47 | 48 | 94 | 96 | 2 | 97120568 | 0.0 | 20 | 16 | 15 | 80 | 75 | 6 |
| OCA 200 | 0.0 | 50 | 48 | 59 | 96 | 118 | 21 | 97120568 | 0.0 | 20 | 15 | 15 | 75 | 75 | 0 |



BOE-C6-0085928

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCA 200 | 0.0 | 50 | 51 | 54 | 102 | 108 | 6 | 97120568 | 0.0 | 20 | 15 | 15 | 75 | 75 | 0 |
| OCA 200 | 0.0 | 50 | 46 | 48 | 92 | 96 | 4 | 97120568 | 0.0 | 20 | 15 | 15 | 75 | 75 | 0 |
| 12/30/97 OCA200 | 0.0 | 50 | 44 | 52 | 88 | 104 | 17 | 12/30/97 OCA100 | 0.0 | 50 | 37 | 39 | 74 | 78 | 5 |



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| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCA200 | 0.0 | 100 | 69 | 65 | 69 | 65 | 6 | OCA100 | 0.0 | 100 | 55 | 63 | 55 | 63 | 14 |
| OCA200 | 0.0 | 100 | 70 | 68 | 70 | 68 | 3 | OCA100 | 0.0 | 100 | 64 | 72 | 64 | 72 | 12 |
| OCA200 | 0.0 | 50 | 38 | 38 | 76 | 76 | 0 | OCA100 | 0.0 | 50 | 26 | 27 | 52 | 54 | 4 |



BOE-C6-0085930

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCA200 | 0.0 | 50 | 41 | 44 | 82 | 88 | 7 | OCA100 | 0.0 | 50 | 39 | 36 | 78 | 72 | 8 |
| OCA200 | 0.0 | 100 | 78 | 60 | 78 | 60 | 26 | OCA100 | 0.0 | 100 | 61 | 70 | 61 | 70 | 14 |
| OCA200 | 0.0 | 100 | 70 | 68 | 70 | 68 | 3 | OCA100 | 0.0 | 100 | 22 | 30 | 22 | 30 | 31 |
| OCA200 | 0.0 | 50 | 49 | 46 | 98 | 92 | 6 | OCA100 | 0.0 | 50 | 41 | 46 | 82 | 92 | 11 |
| OCA200 | 0.0 | 50 | 40 | 40 | 80 | 80 | 0 | OCA100 | 0.0 | 50 | 27 | 29 | 54 | 58 | 7 |



BOE-C6-0085931

BOE-C6-0085932

**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

# Analysis Request and Chain of Custody Record

LAB JOB NO: _____
Page 1 of 1

REQUIRED TAT: SEE REMARKS

**CUSTOMER INFORMATION**

COMPANY: Montgomery Watson
SEND REPORT TO: Fred Strauss
ADDRESS: 250 N Madison Ave
Pasadena, CA 91101
PHONE: (626) 568-6582 FAX: (626) 796-5941

**PROJECT INFORMATION**

PROJECT NAME: The Boeing Company
NUMBER: 1206035.01090010
LOCATION: C-6 Facility
ADDRESS: 19503 S. Normandie Ave.
Los Angeles, CA 90501
SAMPLED BY: JV / CW / AN.

| SAMPLE ID | NO. OF CONTAINERS | SAMPLE DATE | SAMPLE TIME | SAMPLE MATRIX | CONTAINER TYPE | PRES. | TRPH 418.1 | Title 22 Metals | VOCs 8260 | SVOCs 8270 | PCBs 8080 | Pesticides 8080 | REMARKS/PRECAUTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PH-LTU-2A GS-1 | 2 | 12/29/97 | 1320 | SOIL | 2"x6" SS Sleeve | ICE | X | X | X | | | | Due by Mon. 1/5/98 Noon |
| PH-LTU-2-GS-1 | 2 | ↓ | 1330 | ↓ | ↓ | | X | X | X | | | | ↓ |
| EQUIPMENT BLANK | 6 | | 1350 | WATER | 3 amber 1 poly 2 VOAs | none HNO3 HCl | X | X | X | | | | Standard TAT |
| RINSATE BLANK | 6 | | 1400 | | | | X | X | X | | | | |
| TRIP BLANK | 2 | | – | | 2 VOAs | HCl | | X | | | | | |
| ~~MEA GS-1~~ B41-LTU-1-GS-1 | 1 | 12/29/97 | 1430 | SOIL | 2"x6" SS Sleeve | ICE | X | X | X | | | | ←24-HR TAT |
| BA-LTU-2-GS-1 | 2 | | 1435 | | | | X | X | X | | | | Due by Mon. 1/5/98 Noon |
| BA-LTU-1-GS-1 | 2 | | 1440 | | | | X | X | X | | | | ↓ |

Post-it™ Fax Note 7671 | Date 12/31/97 | # of pages ▶ 1
To: MARIE | From: ADAM
Co./Dept.: ORANGE COAST | Co.: MONTGOMERY WATSON
Phone #: (714) 832-0064 | Phone #: (310) 320-8926
Fax #: (714) 832-0067 | Fax #: (310) 320-8901

– ADD THESE ANALYSES –
DUE BY Wed. 1/7/98 @ NOON
ANN

Total No. of Samples: 5

Method of Shipment: Orange Coast Lab. Courier.

Relinquished By: Adam W. Venig Date/Time: 12/29/97 1500 hrs
Received By: Date/Time:
Relinquished By: Date/Time:
Received By: Date/Time:
Relinquished By: Date/Time:
Received For Lab By: Date/Time: 1:55 12-31-97

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

TOTAL P.01
BOE-C6-0085933

Lab Job No: _____
Page 1 of 1

**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

# Analysis Request and Chain of Custody Record

REQUIRED TAT: SEE REMARKS

| CUSTOMER INFORMATION | PROJECT INFORMATION |
|---|---|
| COMPANY: Montgomery Watson | PROJECT NAME: The Boeing Company |
| SEND REPORT TO: Fred Strauss | NUMBER: 1206035.01090010 |
| ADDRESS: 250 N Madison Ave | LOCATION: C-6 facility |
| Pasadena, CA 91101 | ADDRESS: 19503 S. Normandie Ave. |
| | Los Angeles, CA 90501 |
| PHONE: (626) 568-6582 FAX: (626) 796-5941 | SAMPLED BY: IV/CW/AN. |

| SAMPLE ID | NO. OF CONTAINERS | SAMPLE DATE | SAMPLE TIME | SAMPLE MATRIX | CONTAINER TYPE | PRES. | TRPH 418.1 | Title 22 Metals | VOCs 8260 | SVOCs 8270 | PCBs 8080 | Pesticides 8080 | REMARKS/PRECAUTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PH-LTU-2A GS-1 | 2 | 12/29/97 | 1320 | SOIL | 2"x6" S.S. sleeve | ICE | X | X | X | | | | Due by Mon. 1/5/98 @ Noon |
| PH-LTU-2-GS-1 | 2 | ↓ | 1330 | ↓ | ↓ | | X | X | X | | | | ↓ |
| EQUIPMENT BLANK | 6 | | 1350 | WATER | 3 amber 1 poly 2 VOAs | none HNO3 HCl | X | X | X | | | | Standard TAT |
| RINSATE BLANK | 6 | | 1400 | | | | X | X | X | | | | ↓ |
| TRIP BLANK | 2 | | – | | 2 VOAs | HCl | | X | | | | | |
| ~~MEA-GS-1~~ B41-LTU-1-GS-1 | 1 | 12/29/97 | 1430 | SOIL | 2"x6" S.S. sleeve | ICE | | X | | | | | ← 24-HR TAT |
| BA-LTU-2-GS-1 | 2 | | 1435 | | | | X | X | X | | | | Due by Mon. 1/5/98 @ Noon |
| BA-LTU-1-GS-1 | 2 | ↓ | 1440 | ↓ | ↓ | ↓ | X | X | X | | | | ↓ |

Total No. of Samples: 5

Method of Shipment: Orange Coast Lab. Courier.

Relinquished By: Adam W. Young Date/Time: 12/29/97 1500 hrs

Received By: Date/Time:

Relinquished By: Date/Time:

Received By: Date/Time:

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

BOE-C6-0085934

**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

# LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9849

Analytical Method: EPA 8260, 8270, Title 22 Metals

Date Sampled: 12/31/97
Date Received: 12/31/97
Date Reported: 01/05/98

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

| METHOD ID | LIMIT1 SOIL | LIMIT1 WATER | LAB CAS ID | PF CODE | SURROG FLG | Units | LAB CHEM | 97120582 | 97120583 | 97120584 | 97120585 | 97120586 | 97120587 | 97120588 | 97120589 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SAMP TYPE | S | S | S | S | S | S | S | W |
| | | | | | | | RES CODE | PP01 | PP01 | PP01 | PP01 | PP01 | PP01 | PP01 | BF11 |
| | | | | | | | SAMP ID | B41-LTU1-COMP | B41-LTU1-GS-4 | B41-LTU2-GS-1 | PL-LTU1-GS-3 | B37ST-GS-1 | B41-LTU2-GS-2 | B37CL-LTU1-GS-1 | EQUIP BLANK |
| | | | | | | | SAMP DATE | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 |
| | | | | | | | SAMP TIME | 08:10/08:30/10:25 | 8:45 | 9:10 | 9:25 | 10:20 | 11:10 | 10:45 | 11:00 |
| | | | | | | | SAMP DEPTH | | 4' | 1' | 3' | 1' | 2' | 1' | |
| | | | | | | | PRESERVED | | | | | | | | , N, H |
| | | | | | | | ICED | Y | Y | Y | Y | Y | Y | Y | Y |
| | | | | | | | RECEIVED | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 |
| | | | | | | | REC TIME | 11:35 | 11:35 | 11:35 | 11:35 | 11:35 | 11:35 | 11:35 | 11:35 |
| | | | | | | | BASIS | W | W | W | W | W | W | W | W |
| | | | | | | | *Tested* | | | | | | | | |
| 418.1 | 8.0 | 0.5 | | T | | ppm | Extractable Hydrocarbons | | | | | | | | |
| | | | | | | | *Tested* | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | | 01/02/98 | 01/02/98 | 01/02/98 |
| 6010 | 5.0 | 0.5 | | T | | ppm | Antimony | < | < | < | < | | < | < | < |
| 6010 | 1.0 | 0.1 | | T | | ppm | Arsenic | 8.9 | 6.5 | 5.0 | 3.4 | | 4.5 | 4.4 | < |
| 6010 | 0.1 | 0.01 | | T | | ppm | Barium | 78 | 81 | 78 | 100 | | 82 | 100 | < |
| 6010 | 0.1 | 0.01 | | T | | ppm | Beryllium | < | < | < | < | | < | < | < |
| 6010 | 0.1 | 0.01 | | T | | ppm | Cadmium | 1.1 | 0.83 | 0.87 | 1.1 | | 1.1 | 1.1 | < |
| | | | | | | | *Tested* | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | | 12/31/97 | 12/31/97 | 12/31/97 |
| 7196 | 0.5 | 0.01 | | T | | ppm | Chromium (VI) | < | < | < | < | | < | < | < |
| | | | | | | | *Tested* | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | | 01/02/98 | 01/02/98 | 01/02/98 |
| 6010 | 0.1 | 0.01 | | T | | ppm | Chromium Total | 12 | 12 | 13 | 15 | | 19 | 14 | < |
| 6010 | 0.5 | 0.1 | | T | | ppm | Cobalt | 6.1 | 6.7 | 6.0 | 6.5 | | 6.0 | 8.0 | < |
| 6010 | 0.1 | 0.01 | | T | | ppm | Copper | 14 | 15 | 13 | 15 | | 22 | 16 | < |
| 6010 | 1.0 | 0.1 | | T | | ppm | Lead | 3.8 | 3.5 | 4.8 | 6.1 | | 19 | 4.5 | < |
| | | | | | | | *Tested* | 12/31/97 | 12/31/97 | 12/31/97 | 12/31/97 | | 12/31/97 | 12/31/97 | 12/31/97 |
| 7471 | 0.01 | 0.002 | | T | | ppm | Mercury | < | < | < | < | | < | < | < |
| | | | | | | | *Tested* | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | | 01/02/98 | 01/02/98 | 01/02/98 |
| 6010 | 0.5 | 0.1 | | T | | ppm | Molybdenum | < | < | < | < | | < | < | < |
| 6010 | 0.5 | 0.1 | | T | | ppm | Nickel | 8.6 | 8.9 | 8.1 | 8.8 | | 8.7 | 9.8 | < |
| 6010 | 1.0 | 0.1 | | T | | ppm | Selenium | < | < | < | < | | < | < | < |
| 6010 | 0.1 | 0.1 | | T | | ppm | Silver | < | < | < | < | | < | < | < |
| 6010 | 5.0 | 0.5 | | T | | ppm | Thallium | < | < | < | < | | < | < | < |
| 6010 | 0.5 | 0.1 | | T | | ppm | Vanadium | 22 | 23 | 21 | 21 | | 20 | 25 | < |
| 6010 | 0.1 | 0.01 | | T | | ppm | Zinc | 31 | 28 | 35 | 40 | | 120 | 41 | < |
| | | | | | | | *Tested* | | | | | | | | |
| STLC | | 5.0 | | S | | ppm | Antimony | | | | | | | | |
| | | 1.0 | | S | | ppm | Arsenic | | | | | | | | |
| | | 0.1 | | S | | ppm | Barium | | | | | | | | |
| | | 0.1 | | S | | ppm | Beryllium | | | | | | | | |
| | | 0.1 | | S | | ppm | Cadmium | | | | | | | | |
| | | 0.5 | | S | | ppm | Chromium (VI) | | | | | | | | |
| | | 0.1 | | S | | ppm | Chromium Total | | | | | | | | |
| | | 0.5 | | S | | ppm | Cobalt | | | | | | | | |
| | | 0.1 | | S | | ppm | Copper | | | | | | | | |
| | | 1.0 | | S | | ppm | Lead | | | | | | | | |
| | | 0.01 | | S | | ppm | Mercury | | | | | | | | |



BOE-C6-0085936

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0.5 | | S | | ppm | Molybdenum | | | | | | | | |
| | | 0.5 | | S | | ppm | Nickel | | | | | | | | |
| | | 1.0 | | S | | ppm | Selenium | | | | | | | | |
| | | 0.1 | | S | | ppm | Silver | | | | | | | | |
| | | 5.0 | | S | | ppm | Thallium | | | | | | | | |
| | | 0.5 | | S | | ppm | Vanadium | | | | | | | | |
| | | 0.1 | | S | | ppm | Zinc | | | | | | | | |
| | | | | | | | *Tested* | | | | | | | | |
| TCLP | | 5.0 | | C | | ppm | Antimony | | | | | | | | |
| | | 1.0 | | C | | ppm | Arsenic | | | | | | | | |
| | | 0.1 | | C | | ppm | Barium | | | | | | | | |
| | | 0.1 | | C | | ppm | Beryllium | | | | | | | | |
| | | 0.1 | | C | | ppm | Cadmium | | | | | | | | |
| | | 0.5 | | C | | ppm | Chromium (VI) | | | | | | | | |
| | | 0.1 | | C | | ppm | Chromium Total | | | | | | | | |
| | | 0.5 | | C | | ppm | Cobalt | | | | | | | | |
| | | 0.1 | | C | | ppm | Copper | | | | | | | | |
| | | 1.0 | | C | | ppm | Lead | | | | | | | | |
| | | 0.01 | | C | | ppm | Mercury | | | | | | | | |
| | | 0.5 | | C | | ppm | Molybdenum | | | | | | | | |
| | | 0.5 | | C | | ppm | Nickel | | | | | | | | |
| | | 1.0 | | C | | ppm | Selenium | | | | | | | | |
| | | 0.1 | | C | | ppm | Silver | | | | | | | | |
| | | 5.0 | | C | | ppm | Thallium | | | | | | | | |
| | | 0.5 | | C | | ppm | Vanadium | | | | | | | | |
| | | 0.1 | | C | | ppm | Zinc | | | | | | | | |
| | | | | | | | *Tested* | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | 01/05/98 | 01/05/98 |
| | | | | | | | *Dilution Factor* | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8260 | 2.5 | 0.5 | 71-43-2 | T | | ppb | Benzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-27-4 | T | | ppb | Bromodichloromethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-25-2 | T | | ppb | Bromoform | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 1.0 | 74-83-9 | T | | ppb | Bromomethane | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 0.5 | 75-15-0 | T | | ppb | Carbon Disulfide | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 56-23-5 | T | | ppb | Carbon tetrachloride | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 108-90-7 | T | | ppb | Chlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 124-48-1 | T | | ppb | Chlorodibromomethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-00-3 | T | | ppb | Chloroethane | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 0.5 | 110-75-8 | T | | ppb | 2-Chloroethyl vinyl ether | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 67-66-3 | T | | ppb | Chloroform | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 74-87-3 | T | | ppb | Chloromethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-34-3 | T | | ppb | 1,1-Dichloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 107-06-2 | T | | ppb | 1,2-Dichloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-35-4 | T | | ppb | 1,1-Dichloroethene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 156-60-5 | T | | ppb | Trans 1,2-Dichloroethene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 78-87-5 | T | | ppb | 1,2-Dichloropropane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 10061-01-5 | T | | ppb | cis-1,3-Dichloropropene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 10061-02-6 | T | | ppb | trans-1,3-Dichloropropene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 100-41-4 | T | | ppb | Ethylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 2.5 | 75-09-2 | T | | ppb | Methylene chloride | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 100-42-5 | T | | ppb | Styrene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 79-34-5 | T | | ppb | 1,1,2,2-Tetrachloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 127-18-4 | T | | ppb | Tetrachloroethene | < | < | < | < | < | < | < | < |



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| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8260 | 2.5 | 0.5 | 108-88-3 | T | | ppb | Toluene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 71-55-6 | T | | ppb | 1,1,1-Trichloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 79-00-5 | T | | ppb | 1,1,2-Trichloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 79-01-6 | T | | ppb | Trichloroethene | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 0.5 | 75-69-4 | T | | ppb | Trichlorofluoromethane | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 1.0 | 108-05-4 | T | | ppb | Vinyl acetate | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-01-4 | T | | ppb | Vinyl chloride | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 1.0 | 1330-20-7 | T | | ppb | Total Xylenes | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 75-71-8 | T | | ppb | Dichlorodifluoromethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 156-59-2 | T | | ppb | cis-1-2,-Dichloroethene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 594-20-7 | T | | ppb | 2,2-Dichloropropane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 74-97-5 | T | | ppb | Bromochloromethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 563-58-6 | T | | ppb | 1,1-Dichloropropene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 74-95-3 | T | | ppb | Dibromomethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 106-93-4 | T | | ppb | 1,2-Dibromoethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 142-28-9 | T | | ppb | 1,3-Dichloropropane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 98-82-8 | T | | ppb | Isopropylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 79-34-5 | T | | ppb | 1,1,2,2-Tetrachloroethane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 96-18-4 | T | | ppb | 1,2,3-Trichloropropane | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 108-86-1 | T | | ppb | Bromobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 103-65-1 | T | | ppb | n-Propylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 95-49-8 | T | | ppb | 2-Chlorotoluene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 108-67-8 | T | | ppb | 1,3,5-Trimethylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 106-43-4 | T | | ppb | 4-Chlorotoluene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 98-06-6 | T | | ppb | tert-Butylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 95-63-6 | T | | ppb | 1,2,4-Trimethylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 135-98-8 | T | | ppb | sec-Butylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 99-87-6 | T | | ppb | 4-Isopropyltoluene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 541-73-1 | T | | ppb | 1,3-Dichlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 106-46-7 | T | | ppb | 1,4-Dichlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 104-51-8 | T | | ppb | n-Butylbenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 95-50-1 | T | | ppb | 1,2-Dichlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 5.0 | 1.0 | 96-12-8 | T | | ppb | 1,2-Dibromo-3-CPA | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 120-82-1 | T | | ppb | 1,2,4-Trichlorobenzene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 87-68-3 | T | | ppb | Hexachlorobutadiene | < | < | < | < | < | < | < | < |
| 8260 | 2.5 | 0.5 | 91-20-3 | T | | ppb | Naphthalene | < | < | < | < | 4.0 | < | < | < |
| 8260 | 2.5 | 0.5 | 87-61-6 | T | | ppb | 1,2,3-Trichlorobenzene | < | < | < | < | < | < | < | < |
| | | | | | T | % | Dibromofluoromethane | 105 | 94 | 98 | 102 | 97 | 100 | 113 | 110 |
| | | | | | T | % | Toluene-d8 | 88 | 97 | 92 | 89 | 101 | 93 | 96 | 94 |
| | | | | | T | % | 4-Bromofluorobenzene | 96 | 92 | 93 | 95 | 92 | 97 | 112 | 110 |
| | | | | | | | *Tested* | 01/02/98 | 01/02/98 | 01/02/98 | 01/02/98 | | 01/02/98 | 01/02/98 | 01/05/98 |
| | | | | | | | *Dilution Factor* | 1 | 2 | 1 | 1 | | 1 | 1 | 1 |
| 8270 | 100 | 5.0 | 83-32-9 | T | | ppb | Acenaphthene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 208-96-8 | T | | ppb | Acenaphthylene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 62-53-3 | T | | ppb | Aniline | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 120-12-7 | T | | ppb | Anthracene | < | < | < | < | | < | < | < |
| 8270 | 500 | 50 | 65-85-0 | T | | ppb | Benzoic Acid | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 56-55-3 | T | | ppb | Benzo (a) anthracene | < | 230 | < | < | | 430 | < | < |
| 8270 | 250 | 25 | 205-99-2 | T | | ppb | Benzo (b) fluoranthene | < | < | < | < | | 640 | < | < |
| 8270 | 250 | 25 | 207-08-9 | T | | ppb | Benzo (k) fluoranthene | < | < | < | < | | 530 | < | < |
| 8270 | 250 | 25 | 191-24-2 | T | | ppb | Benzo (g,h,i)perylene | < | < | < | < | | 1,000 | < | < |
| 8270 | 250 | 25 | 50-32-8 | T | | ppb | Benzo (a) pyrene | < | < | < | < | | 540 | < | < |
| 8270 | 100 | 50 | 100-51-6 | T | | ppb | Benzyl alcohol | < | < | < | < | | < | < | < |



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| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8270 | 100 | 5.0 | 111-91-1 | T | | ppb | Bis(2-chloroethoxy)methane | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 111-44-4 | T | | ppb | Bis(2-chloroethyl)ether | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 39638-32-9 | T | | ppb | Bis(2-chloroisopropyl)ether | < | < | < | < | | < | < | < |
| 8270 | 100 | 3.0 | 117-81-7 | T | | ppb | Bis(2-ethylhexyl)phthalate | < | < | < | < | | < | 270 | < |
| 8270 | 100 | 5.0 | 101-55-3 | T | | ppb | 4-Bromophenyl phenyl ether | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 85-68-7 | T | | ppb | Butyl benzyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 106-47-8 | T | | ppb | 4-Chloroaniline | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 91-58-7 | T | | ppb | 2-Chloronaphthalene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 59-50-7 | T | | ppb | 4-Chloro-3-methylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 95-57-8 | T | | ppb | 2-Chlorophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 7005-72-3 | T | | ppb | 4-Chlorophenyl phenyl ehter | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 218-0109 | T | | ppb | Chrysene | 120 | 230 | 100 | < | | 810 | < | < |
| 8270 | 100 | 25 | 53-70-3 | T | | ppb | Dibenz(a,h)anthracene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 132-64-9 | T | | ppb | Dibenzofuran | < | < | < | < | | < | < | < |
| 8270 | 250 | 5.0 | 84-74-2 | T | | ppb | Di-N-butyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 541-73-1 | T | | ppb | 1,3-Dichlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 106-46-7 | T | | ppb | 1,4-Dichlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 95-50-1 | T | | ppb | 1,2-Dichlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 91-94-1 | T | | ppb | 3,3-Dichlorobenzidine | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 120-83-2 | T | | ppb | 2,4-Dichlorophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 84-66-2 | T | | ppb | Diethyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 105-67-9 | T | | ppb | 2,4-Dimethylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 131-11-3 | T | | ppb | Dimethyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 50 | 534-52-1 | T | | ppb | 4,6-Dinitro-2-methylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 50 | 51-28-5 | T | | ppb | 2,4-Dinitrophenol | < | < | < | < | | < | < | < |
| 8270 | 250 | 5.0 | 121-14-2 | T | | ppb | 2,4-Dinitrotoluene | < | < | < | < | | < | < | < |
| 8270 | 250 | 5.0 | 606-20-2 | T | | ppb | 2,6-Dinitrotoluene | < | < | < | < | | < | < | < |
| 8270 | 250 | 25 | 117-84-0 | T | | ppb | Di-N-octyl phthalate | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 206-44-0 | T | | ppb | Fluoranthene | 150 | 350 | 110 | < | | 620 | < | < |
| 8270 | 100 | 5.0 | 86-73-7 | T | | ppb | Fluorene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 118-74-1 | T | | ppb | Hexachlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 87-68-3 | T | | ppb | Hexachlorobutadiene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 77-47-4 | T | | ppb | Hexachlorocyclopentadiene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 67-72-1 | T | | ppb | Hexachloroethane | < | < | < | < | | < | < | < |
| 8270 | 250 | 25 | 193-39-5 | T | | ppb | Indeno(1,2,3-cd)pyrene | < | < | < | < | | 670 | < | < |
| 8270 | 100 | 5.0 | 78-59-1 | T | | ppb | Isophorone | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 91-57-6 | T | | ppb | 2-Methylnaphthalene | < | < | < | < | | < | 590 | < |
| 8270 | 100 | 5.0 | 95-48-7 | T | | ppb | 2-Methylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 106-44-5 | T | | ppb | 4-Methylphenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 91-20-3 | T | | ppb | Naphthalene | < | < | < | < | | < | < | < |
| 8270 | 250 | 50 | 88-74-4 | T | | ppb | 2-Nitroaniline | < | < | < | < | | < | < | < |
| 8270 | 250 | 50 | 99-09-2 | T | | ppb | 3-Nitroaniline | < | < | < | < | | < | < | < |
| 8270 | 250 | 50 | 100-01-6 | T | | ppb | 4-Nitroaniline | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 98-95-3 | T | | ppb | Nitrobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 88-75-5 | T | | ppb | 2-Nitrophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 50 | 100-02-7 | T | | ppb | 4-Nitrophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 86-30-6 | T | | ppb | N-Nitrosodiphenylamine | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 621-64-7 | T | | ppb | N-Nitroso-di-N-propylamine | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 62-75-9 | T | | ppb | N-Nitrosodimethylamine | < | < | < | < | | < | < | < |
| 8270 | 250 | 50 | 87-86-5 | T | | ppb | Pentachlorophenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 85-01-8 | T | | ppb | Phenanthrene | < | < | < | < | | 190 | 250 | < |
| 8270 | 100 | 5.0 | 108-95-2 | T | | ppb | Phenol | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 129-00-0 | T | | ppb | Pyrene | 160 | 390 | 130 | < | | 690 | 120 | < |
| 8270 | 100 | 5.0 | 120-82-1 | T | | ppb | 1,2,4-Trichlorobenzene | < | < | < | < | | < | < | < |
| 8270 | 100 | 5.0 | 95-95-4 | T | | ppb | 2,4,5-Trichlorophenol | < | < | < | < | | < | < | < |



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| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8270 | 100 | 5.0 | 88-06-2 | T | | ppb | 2,4,6-Trichlorophenol | < | < | < | < | | < | < | < |
| | | | | | | | *Tested* | | | | | | | | |
| | | | | | | | *Dilution Factor* | | | | | | | | |
| 8080 | 20 | 5.0 | 12674-11-2 | T | | ppb | PCB-1016 | | | | | | | | |
| 8080 | 20 | 5.0 | 11104-28-2 | T | | ppb | PCB-1221 | | | | | | | | |
| 8080 | 20 | 5.0 | 11141-16-5 | T | | ppb | PCB-1232 | | | | | | | | |
| 8080 | 20 | 5.0 | 53469-21-9 | T | | ppb | PCB-1242 | | | | | | | | |
| 8080 | 20 | 5.0 | 12672-29-6 | T | | ppb | PCB-1248 | | | | | | | | |
| 8080 | 20 | 5.0 | 11097-69-1 | T | | ppb | PCB-1254 | | | | | | | | |
| 8080 | 20 | 5.0 | 11096-82-5 | T | | ppb | PCB-1260 | | | | | | | | |
| | | | | | | | *Tested* | | | | | | | | |
| | | | | | | | *Dilution Factor* | | | | | | | | |
| 8080 | 1.0 | 0.1 | 309-00-2 | T | | ppb | Aldrin | | | | | | | | |
| 8080 | 1.0 | 0.2 | 319-84-6 | T | | ppb | alpha-BHC | | | | | | | | |
| 8080 | 1.0 | 0.2 | 319-85-7 | T | | ppb | beta-BHC | | | | | | | | |
| 8080 | 2.0 | 0.2 | 319-86-8 | T | | ppb | gamma-BHC | | | | | | | | |
| 8080 | 1.0 | 0.2 | 58-89-9 | T | | ppb | gamma-BHC (Lindane) | | | | | | | | |
| 8080 | 10 | 0.2 | 57-74-9 | T | | ppb | Chlordane | | | | | | | | |
| 8080 | 2.0 | 0.5 | 72-54-9 | T | | ppb | 4,4'-DDD | | | | | | | | |
| 8080 | 5.0 | 0.1 | 72-55-9 | T | | ppb | 4,4'-DDE | | | | | | | | |
| 8080 | 1.0 | 0.1 | 50-29-3 | T | | ppb | 4,4'-DDT | | | | | | | | |
| 8080 | 2.0 | 0.5 | 60-57-1 | T | | ppb | Dieldrin | | | | | | | | |
| 8080 | 1.0 | 0.5 | 959-98-8 | T | | ppb | Endosulfan I | | | | | | | | |
| 8080 | 2.0 | 0.5 | 33213-65-9 | T | | ppb | Endosulfan II | | | | | | | | |
| 8080 | 10 | 0.5 | 1031-07-8 | T | | ppb | Endosulfan sulfate | | | | | | | | |
| 8080 | 2.0 | 0.02 | 72-20-8 | T | | ppb | Endrin | | | | | | | | |
| 8080 | 2.0 | 0.2 | 7421-93-4 | T | | ppb | Endrin aldehyde | | | | | | | | |
| 8080 | 1.0 | 0.1 | 76-44-8 | T | | ppb | Heptachlor | | | | | | | | |
| 8080 | 1.0 | 0.2 | 1024-57-3 | T | | ppb | Heptachlor epoxide | | | | | | | | |
| 8080 | 30 | 9.0 | 72-43-5 | T | | ppb | Methoxychlor | | | | | | | | |
| 8080 | 35 | 0.5 | 8001-35-2 | T | | ppb | Toxaphene | | | | | | | | |
| | | | | | | | *Tested* | | | | | | | | |
| 8015m | | | | T | | ppm | Up to & Including C-12 | | | | | | | | |
| 8015m | | | | T | | ppm | C13-22 | | | | | | | | |
| 8015m | | | | T | | ppm | C23 & Higher | | | | | | | | |
| 8015m | 8.0 | 0.5 | | T | | ppm | Total | | | | | | | | |
| | | | | | | | *Tested* | | | | | | | | |
| 8015m | 8.0 | 0.5 | | T | | ppm | Diesel | | | | | | | | |
| | | | | | | | *Tested* | | | | | | | | |
| 8015m | 5.0 | 0.05 | | T | | ppm | Gas | | | | | | | | |
| | | | | | | | *Tested* | | | | | | | | |
| 9060 | 5.0 | 1.0 | | T | | ppm | TOC | | | | | | | | |
| | | | | | | | *Tested* | | | | | | | | |
| 9081 | 1.0 | 1.0 | | T | | ppm | Cation Exchange Capacity | | | | | | | | |

(a) QC units for Method 8270 are reported in ng.



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| | | QC(S) | | | | | | | | QC(W) | | | | | | | | QC(S) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W<br>BR11<br>RINSATE BLANK<br>12/31/97<br>11:10<br><br>, N, H<br>Y<br>12/31/97<br>11:35<br>W | W<br>BT11<br>TRIP BLANK<br>12/31/97<br><br><br>, N, H<br>Y<br>12/31/97<br>11:35<br>W | | | | | | | | | | | | | | | | | | | |
| 97120590 | 97120591 | LAB SAMP NO. | R1 | T CONC | SL(e) | DL(e) | RECOVER | D RECOVER | RPD | LAB SAMP NO. | R1 | T CONC | SL(e) | DL(e) | RECOVER | D RECOVER | RPD | LAB SAMP NO. | R1 | T CONC |
| 01/02/98 | | 01/02/98 | | | | | | | | 01/02/98 | | | | | | | | | | |
| < | | 97120565 | 0.0 | 5.0 | 5.1 | 5.0 | 102 | 100 | 2 | 97120567 | 0.00 | 3.00 | 3.07 | 3.08 | 102 | 103 | 0 | | | |
| < | | 97120565 | 1.4 | 5.0 | 6.5 | 6.3 | 102 | 98 | 3 | 97120567 | 0.00 | 1.00 | 1.00 | 1.00 | 100 | 100 | 0 | | | |
| < | | 97120565 | 7.9 | 5.0 | 13.4 | 12.9 | 110 | 100 | 4 | 97120567 | 0.000 | 0.100 | 0.084 | 0.084 | 84 | 84 | 0 | | | |
| < | | 97120565 | 0.00 | 1.00 | 0.93 | 0.89 | 93 | 89 | 4 | 97120567 | 0.00 | 0.100 | 0.095 | 0.096 | 95 | 96 | 1 | | | |
| < | | 97120565 | 0.12 | 1.00 | 0.98 | 0.95 | 86 | 83 | 3 | 97120567 | 0.00 | 0.100 | 0.093 | 0.094 | 93 | 94 | 1 | | | |
| 12/31/97 | | 12/31/97 | | | | | | | | 12/31/97 | | | | | | | | | | |
| < | | 97120583 | 0.00 | 1.00 | 1.00 | 1.00 | 100 | 100 | 0 | 97120590 | 0.00 | 0.50 | 0.49 | 0.49 | 98 | 98 | 0 | | | |
| 01/02/98 | | 01/02/98 | | | | | | | | 01/02/98 | | | | | | | | | | |
| < | | 97120565 | 1.50 | 1.00 | 2.47 | 2.38 | 97 | 88 | 4 | 97120567 | 0.00 | 0.100 | 0.094 | 0.094 | 94 | 94 | 0 | | | |
| < | | 97120565 | 0.70 | 1.00 | 1.59 | 1.53 | 89 | 83 | 4 | 97120567 | 0.00 | 0.100 | 0.096 | 0.096 | 96 | 96 | 0 | | | |
| < | | 97120565 | 1.40 | 1.00 | 2.37 | 2.28 | 97 | 88 | 4 | 97120567 | 0.000 | 0.100 | 0.096 | 0.098 | 96 | 98 | 2 | | | |
| < | | 97120565 | 0.44 | 1.0 | 1.2 | 1.2 | 76 | 76 | 0 | 97120567 | 0.00 | 1.00 | 0.96 | 0.95 | 96 | 95 | 1 | | | |
| 12/31/97 | | 12/31/97 | | | | | | | | 12/31/97 | | | | | | | | | | |
| < | | 97120565 | 0.000 | 0.020 | 0.022 | 0.024 | 110 | 120 | 9 | OCA 100 | 0.000 | 0.020 | 0.019 | 0.019 | 95 | 95 | 0 | | | |
| 01/02/98 | | 01/02/98 | | | | | | | | 01/02/98 | | | | | | | | | | |
| < | | 97120565 | 0.0 | 1.0 | 0.95 | 0.92 | 95 | 92 | 3 | 97120567 | 0.00 | 1.00 | 0.99 | 1.03 | 99 | 103 | 4 | | | |
| < | | 97120565 | 0.99 | 5.00 | 5.80 | 5.58 | 96 | 92 | 4 | 97120567 | 0.00 | 0.50 | 0.47 | 0.48 | 94 | 96 | 2 | | | |
| < | | 97120565 | 0.0 | 5.0 | 4.2 | 4.1 | 84 | 82 | 2 | 97120567 | 0.00 | 1.00 | 1.01 | 1.02 | 101 | 102 | 1 | | | |
| < | | 97120565 | 0.0 | 5.0 | 5.0 | 4.8 | 100 | 96 | 4 | 97120567 | 0.00 | 0.50 | 0.50 | 0.53 | 100 | 106 | 6 | | | |
| < | | 97120565 | 0.0 | 5.0 | 4.2 | 4.1 | 84 | 82 | 2 | 97120567 | 0.00 | 3.00 | 3.04 | 3.04 | 101 | 101 | 0 | | | |
| < | | 97120565 | 2.7 | 5.0 | 7.0 | 6.7 | 86 | 80 | 4 | 97120567 | 0.00 | 0.50 | 0.45 | 0.46 | 90 | 92 | 2 | | | |
| < | | | 3.4 | 5.0 | 7.5 | 7.2 | 82 | 76 | 4 | 97120567 | 0.000 | 0.100 | 0.100 | 0.099 | 100 | 99 | 1 | | | |



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| < | OCA200 | 0.0 | 100 | 67 | 74 | 67 | 74 | 10 | OCA100 | 0.0 | 100 | 73 | 78 | 73 | 78 | 7 |
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| < | OCA200 | 0.0 | 50 | 43 | 47 | 86 | 94 | 9 | OCA100 | 0.0 | 50 | 44 | 48 | 88 | 96 | 9 |
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| < | OCA200 | 0.0 | 100 | 75 | 85 | 75 | 85 | 13 | OCA100 | 0.0 | 100 | 71 | 79 | 71 | 79 | 11 |
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| < | OCA200 | 0.0 | 100 | 68 | 75 | 68 | 75 | 10 | OCA100 | 0.0 | 100 | 27 | 33 | 27 | 33 | 20 |
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| < | OCA200 | 0.0 | 50 | 36 | 40 | 72 | 80 | 11 | OCA100 | 0.0 | 50 | 32 | 35 | 64 | 70 | 9 |
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BOE-C6-0085947

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| 43 | 43 | 86 | 86 | 0 |
| 43 | 42 | 86 | 84 | 2 |



BOE-C6-0085948

BOE-C6-0085950

**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

# Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 / 1

1 SOIL ANALYTICAL DUE BY WED. 1/7/98 @ NOON.

REQUIRED TAT: STANDARD TAT ON WATER

| CUSTOMER INFORMATION | | PROJECT INFORMATION | |
|---|---|---|---|
| COMPANY: | Montgomery Watson | PROJECT NAME: | The Boeing Company |
| SEND REPORT TO: | Fred Strauss | NUMBER: | 12006035.01090010 |
| ADDRESS: | 250 N Madison Ave | LOCATION: | C-6 Facility |
| | Pasadena, CA 91101 | ADDRESS: | 19503 - S. Normandie Ave |
| | | | Los Angeles, CA 90501 |
| PHONE: | (626) 568-6582 FAX: (626) 796-5941 | SAMPLED BY: | EV/CW/AN |

ANALYSIS/METHOD REQUEST

| SAMPLE ID | NO. OF CONTAINERS | SAMPLE DATE | SAMPLE TIME | SAMPLE MATRIX | CONTAINER TYPE | PRES. | TRPH 418.1 | Title 22 Metals | VOCs 8260 | SVOCs 8270 | PCBs 8080 | Pesticides 8080 | REMARKS/PRECAUTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B41-LTU1-GS-2 | 2 | 12/31/97 | 0810 | SOIL | 2"x6" SS SLEEVE | ICE | | | | | | | Composite to B41-LTU1-COMP1 |
| B41-LTU1-GS-3 | 2 | ↓ | 0830 | ↓ | ↓ | ↓ | | | | | | | ↓ |
| B41-LTU1-GS-5 | 2 | ↓ | 1025 | ↓ | ↓ | ↓ | | | | | | | ↓ |
| B41-LTU1-COMP | 2 | | | | | | X | X | X | | | | * COMPOSITE OF B41-LTU1-GS-2,3 & 5 |
| B41-LTU1-GS-4 | 2 | 12/31/97 | 0845 | ↓ | ↓ | ↓ | X | X | X | | | | |
| B41-LTU2-GS-1 | 2 | ↓ | 0910 | ↓ | ↓ | ↓ | X | X | X | | | | |
| PL-LTU1-GS-3 | 2 | ↓ | 0925 | ↓ | ↓ | ↓ | X | X | X | | | | * = COMPOSITE AT LAB |
| B37ST-GS-1 | 2 | ↓ | 1020 | ↓ | ↓ | ↓ | | X | | | | | |
| B41-LTU2-GS-2 | 2 | ↓ | 1110 | ↓ | ↓ | ↓ | X | X | X | | | | |
| B37CL-LTU1-GS-1 | 2 | ↓ | 1045 | ↓ | ↓ | ↓ | X | X | X | | | | |
| Equipment Blank | 6 | ↓ | 1100 | WATER | 3 amber 3 poly 3 VOAs | None HNO3 HCP | X | X | X | | | | |
| Rinsate Blank | 6 | ↓ | 1110 | ↓ | ↓ | ↓ | X | X | X | | | | |
| Trip Blank | 2 | ↓ | — | ↓ | 2 VOAs | HCl | | X | | | | | |

Total No. of Samples: 12

Method of Shipment: Orange Coast Courier.

| Relinquished By: | Date/Time: | Received By: | Date/Time: |
|---|---|---|---|
| Christopher Wong | 12/31/97 1135 | | |
| Relinquished By: | Date/Time: | Received By: | Date/Time: |
| Relinquished By: | Date/Time: | Received For Lab By: [illegible] | Date/Time: 12/31/97 11:35AM |

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0085951