



Associated Laboratories

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Client: Savvy Rest
Address: 4414 Ivy Commons
Charlottesville, VA 22903

Attn: Toshy Penny

Lab Request: 335556
Report Date: 02/21/2014
Date Received: 01/29/2014
Client ID: 13103

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

| <u>Sample #</u> | <u>Client Sample ID</u> |
|-----------------|-------------------------|
| 335556-001 | Dunlop |
| 335556-002 | Talalay |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Nina Prasad
President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date reported.

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| | | |
|----------------------|-------------------------|-------------------|
| Matrix: Solid | Client: Savvy Rest | Collector: Client |
| Sampled: 01/17/2014 | Site: | |
| Sample #: 335556-001 | Client Sample #: Dunlop | Sample Type: |

| Analyte | Result | DF | RDL | Units | Analyzed | By | Notes |
|--------------------------------|-----------------------|----|----------------------|-------|----------|----------|-------|
| Method: EPA 8260 <i>NELAC</i> | Prep Method: EPA 5035 | | QCBatchID: QC1143639 | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1,1-Trichloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1,2,2-Tetrachloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1,2-Trichloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1,2-Trichlorotrifluoroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1-Dichloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1-Dichloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1-Dichloropropene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2,3-Trichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2,3-Trichloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2,4-Trichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2,4-Trimethylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dibromo-3-chloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dibromoethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dichloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dichloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,3,5-Trimethylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,3-Dichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,3-Dichloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,4-Dichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 2,2-Dichloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 2-Butanone (MEK) | ND | 50 | 5000 | ug/Kg | 02/04/14 | nicollez | |
| 2-Chloroethyl Vinyl Ether | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 2-Chlorotoluene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 4-Chlorotoluene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 4-Isopropyltoluene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 4-Methyl-2-pentanone (MIBK) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Acetone | ND | 50 | 5000 | ug/Kg | 02/04/14 | nicollez | |
| Allyl Chloride | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Benzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromochloromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromodichloromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromoform | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromomethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Carbon Tetrachloride | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chlorodibromomethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chloroform | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chloromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| cis-1,2-Dichloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| cis-1,3-dichloropropene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| cis-1,4-dichloro-2-butene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Dibromomethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Dichlorodifluoromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Di-isopropyl ether (DIPE) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Ethylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Ethyl-tertbutylether (ETBE) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |

ND = Not Detected or < RDL

RDL = Reporting Detection Limit DF = Dilution Factor

ASSOCIATED LABORATORIES

Analytical Results Report

DRAFT REPORT

Lab Request 335556, Page 2 of 5



| | | |
|----------------------|-------------------------|-------------------|
| Matrix: Solid | Client: Savvy Rest | Collector: Client |
| Sampled: 01/17/2014 | Site: | |
| Sample #: 335556-001 | Client Sample #: Dunlop | Sample Type: |

| Analyte | Result | DF | RDL | Units | Analyzed | By | Notes |
|-----------------------------|--------|----|-----|-------|----------|----------|-------|
| Hexachlorobutadiene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Isopropylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| m and p-Xylene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Methylene chloride | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Naphthalene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| N-butylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| N-propylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| o-Xylene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Sec-butylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Styrene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| t-Butyl alcohol (TBA) | ND | 50 | 500 | ug/Kg | 02/04/14 | nicollez | |
| Tert-amylmethylether (TAME) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Tert-butylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Tetrachloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Toluene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| trans-1,2-dichloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| trans-1,3-dichloropropene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| trans-1,4-dichloro-2-butene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Trichloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Trichlorofluoromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Vinyl Chloride | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Xylenes (Total) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |

| Analyte | % Recovery | Limits | Notes |
|------------------------------|------------|--------|-------|
| 1,2-Dichloroethane-d4 (SUR) | 120 | 70-145 | |
| 4-Bromofluorobenzene (SUR) | 112 | 70-145 | |
| Dibromodifluoromethane (SUR) | 103 | 70-145 | |
| Toluene-d8 (SUR) | 118 | 70-145 | |

ND = Not Detected or < RDL

RDL = Reporting Detection Limit DF = Dilution Factor



| | | |
|----------------------|--------------------------|-------------------|
| Matrix: Solid | Client: Savvy Rest | Collector: Client |
| Sampled: 01/17/2014 | Site: | |
| Sample #: 335556-002 | Client Sample #: Talalay | Sample Type: |

| Analyte | Result | DF | RDL | Units | Analyzed | By | Notes |
|--------------------------------|-----------------------|----|----------------------|-------|----------|----------|-------|
| Method: EPA 8260 NELAC | Prep Method: EPA 5035 | | QCBatchID: QC1143639 | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1,1-Trichloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1,2-Tetrachloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1,2-Trichloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1,2-Trichlorotrifluoroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1-Dichloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1-Dichloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,1-Dichloropropene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2,3-Trichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2,3-Trichloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2,4-Trichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2,4-Trimethylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dibromo-3-chloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dibromoethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dichloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,2-Dichloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,3,5-Trimethylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,3-Dichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,3-Dichloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 1,4-Dichlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 2,2-Dichloropropane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 2-Butanone (MEK) | ND | 50 | 5000 | ug/Kg | 02/04/14 | nicollez | |
| 2-Chloroethyl Vinyl Ether | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 2-Chlorotoluene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 4-Chlorotoluene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 4-Isopropyltoluene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| 4-Methyl-2-pentanone (MIBK) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Acetone | ND | 50 | 5000 | ug/Kg | 02/04/14 | nicollez | |
| Allyl Chloride | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Benzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromochloromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromodichloromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromoform | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Bromomethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Carbon Tetrachloride | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chlorobenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chlorodibromomethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chloroethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chloroform | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Chloromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| cis-1,2-Dichloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| cis-1,3-dichloropropene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| cis-1,4-dichloro-2-butene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Dibromomethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Dichlorodifluoromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Di-isopropyl ether (DIPE) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Ethylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Ethyl-tertbutylether (ETBE) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |

ND = Not Detected or < RDL

RDL = Reporting Detection Limit DF = Dilution Factor

ASSOCIATED LABORATORIES

Analytical Results Report

DRAFT REPORT

Lab Request 335556, Page 4 of 5



| | | |
|----------------------|--------------------------|-------------------|
| Matrix: Solid | Client: Savvy Rest | Collector: Client |
| Sampled: 01/17/2014 | Site: | |
| Sample #: 335556-002 | Client Sample #: Talalay | Sample Type: |

| Analyte | Result | DF | RDL | Units | Analyzed | By | Notes |
|-----------------------------|--------|----|-----|-------|----------|----------|-------|
| Hexachlorobutadiene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Isopropylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| m and p-Xylene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Methylene chloride | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Naphthalene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| N-butylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| N-propylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| o-Xylene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Sec-butylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Styrene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| t-Butyl alcohol (TBA) | ND | 50 | 500 | ug/Kg | 02/04/14 | nicollez | |
| Tert-amylmethylether (TAME) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Tert-butylbenzene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Tetrachloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Toluene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| trans-1,2-dichloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| trans-1,3-dichloropropene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| trans-1,4-dichloro-2-butene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Trichloroethene | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Trichlorofluoromethane | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Vinyl Chloride | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |
| Xylenes (Total) | ND | 50 | 250 | ug/Kg | 02/04/14 | nicollez | |

| Analyte | % Recovery | Limits | Notes |
|------------------------------|------------|--------|-------|
| 1,2-Dichloroethane-d4 (SUR) | 125 | 70-145 | |
| 4-Bromofluorobenzene (SUR) | 116 | 70-145 | |
| Dibromodifluoromethane (SUR) | 109 | 70-145 | |
| Toluene-d8 (SUR) | 127 | 70-145 | |

ND = Not Detected or < RDL

RDL = Reporting Detection Limit DF = Dilution Factor

ASSOCIATED LABORATORIES

Analytical Results Report

DRAFT REPORT

Lab Request 335556, Page 5 of 5



ASSOCIATED LABORATORIES QC SUMMARY FOR LAB REQUEST #335556

| | | | |
|-------------------------------|----------------------|----------------------------|--|
| QC Batch ID: QC1143639 | Analyst: nicollez | Method: EPA 8260B | |
| Matrix: Solid | Analyzed: 02/04/2014 | Instrument: VOA-MS (group) | |

| <i>Blank Summary</i> | | | | | |
|--------------------------------|--------------|-------|-----|-------|--|
| Analyte | Blank Result | Units | RDL | Notes | |
| QC1143639MB1 | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | ug/Kg | 5 | | |
| 1,1,1-Trichloroethane | ND | ug/Kg | 5 | | |
| 1,1,2,2-Tetrachloroethane | ND | ug/Kg | 5 | | |
| 1,1,2-Trichloroethane | ND | ug/Kg | 5 | | |
| 1,1,2-Trichlorotrifluoroethane | ND | ug/Kg | 5 | | |
| 1,1-Dichloroethane | ND | ug/Kg | 5 | | |
| 1,1-Dichloroethane | ND | ug/Kg | 5 | | |
| 1,1-Dichloropropene | ND | ug/Kg | 5 | | |
| 1,2,3-Trichlorobenzene | ND | ug/Kg | 5 | | |
| 1,2,3-Trichloropropane | ND | ug/Kg | 5 | | |
| 1,2,4-Trichlorobenzene | ND | ug/Kg | 5 | | |
| 1,2,4-Trimethylbenzene | ND | ug/Kg | 5 | | |
| 1,2-Dibromo-3-chloropropane | ND | ug/Kg | 5 | | |
| 1,2-Dibromoethane | ND | ug/Kg | 5 | | |
| 1,2-Dichlorobenzene | ND | ug/Kg | 5 | | |
| 1,2-Dichloroethane | ND | ug/Kg | 5 | | |
| 1,2-Dichloropropane | ND | ug/Kg | 5 | | |
| 1,3,5-Trimethylbenzene | ND | ug/Kg | 5 | | |
| 1,3-Dichlorobenzene | ND | ug/Kg | 5 | | |
| 1,3-Dichloropropane | ND | ug/Kg | 5 | | |
| 1,4-Dichlorobenzene | ND | ug/Kg | 5 | | |
| 2,2-Dichloropropane | ND | ug/Kg | 5 | | |
| 2-Butanone (MEK) | ND | ug/Kg | 100 | | |
| 2-Chloroethyl Vinyl Ether | ND | ug/Kg | 5 | | |
| 2-Chlorotoluene | ND | ug/Kg | 5 | | |
| 4-Chlorotoluene | ND | ug/Kg | 5 | | |
| 4-Isopropyltoluene | ND | ug/Kg | 5 | | |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/Kg | 5 | | |
| Acetone | ND | ug/Kg | 100 | | |
| Allyl Chloride | ND | ug/Kg | 5 | | |
| Benzene | ND | ug/Kg | 5 | | |
| Bromobenzene | ND | ug/Kg | 5 | | |
| Bromochloromethane | ND | ug/Kg | 5 | | |
| Bromodichloromethane | ND | ug/Kg | 5 | | |
| Bromoform | ND | ug/Kg | 5 | | |
| Bromomethane | ND | ug/Kg | 5 | | |
| Carbon Tetrachloride | ND | ug/Kg | 5 | | |
| Chlorobenzene | ND | ug/Kg | 5 | | |
| Chlorodibromomethane | ND | ug/Kg | 5 | | |
| Chloroethane | ND | ug/Kg | 5 | | |
| Chloroform | ND | ug/Kg | 5 | | |
| Chloromethane | ND | ug/Kg | 5 | | |
| cis-1,2-Dichloroethene | ND | ug/Kg | 5 | | |
| cis-1,3-dichloropropene | ND | ug/Kg | 5 | | |
| cis-1,4-dichloro-2-butene | ND | ug/Kg | 5 | | |
| Dibromomethane | ND | ug/Kg | 5 | | |
| Dichlorodifluoromethane | ND | ug/Kg | 5 | | |
| Di-isopropyl ether (DIPE) | ND | ug/Kg | 5 | | |

ND = Not Detected or < RDL MDL = Method Detection Limit RDL = Reporting Detection Limit DF = Dilution Factor



ASSOCIATED LABORATORIES QC SUMMARY FOR LAB REQUEST #335556

| | | | |
|-------------------------------|----------------------|----------------------------|--|
| QC Batch ID: QC1143639 | Analyst: nicolez | Method: EPA 8260B | |
| Matrix: Solid | Analyzed: 02/04/2014 | Instrument: VOA-MS (group) | |

| Analyte | Blank Result | Units | RDL | Notes |
|-----------------------------|--------------|-------|-----|-------|
| QC1143639MB1 | | | | |
| Ethylbenzene | ND | ug/Kg | 5 | |
| Ethyl-tertbutylether (ETBE) | ND | ug/Kg | 5 | |
| Hexachlorobutadiene | ND | ug/Kg | 5 | |
| Isopropylbenzene | ND | ug/Kg | 5 | |
| m and p-Xylene | ND | ug/Kg | 5 | |
| Methylene chloride | ND | ug/Kg | 5 | |
| Methyl-t-butyl Ether (MTBE) | ND | ug/Kg | 5 | |
| Naphthalene | ND | ug/Kg | 5 | |
| N-butylbenzene | ND | ug/Kg | 5 | |
| N-propylbenzene | ND | ug/Kg | 5 | |
| o-Xylene | ND | ug/Kg | 5 | |
| Sec-butylbenzene | ND | ug/Kg | 5 | |
| Styrene | ND | ug/Kg | 5 | |
| t-Butyl alcohol (TBA) | ND | ug/Kg | 10 | |
| Tert-amylmethylether (TAME) | ND | ug/Kg | 5 | |
| Tert-butylbenzene | ND | ug/Kg | 5 | |
| Tetrachloroethene | ND | ug/Kg | 5 | |
| Toluene | ND | ug/Kg | 5 | |
| TPH Gasoline | ND | ug/Kg | 100 | |
| trans-1,2-dichloroethene | ND | ug/Kg | 5 | |
| trans-1,3-dichloropropene | ND | ug/Kg | 5 | |
| trans-1,4-dichloro-2-butene | ND | ug/Kg | 5 | |
| Trichloroethene | ND | ug/Kg | 5 | |
| Trichlorofluoromethane | ND | ug/Kg | 5 | |
| Vinyl Chloride | ND | ug/Kg | 5 | |
| Xylenes (Total) | ND | ug/Kg | 5 | |

Lab Control Spike/ Lab Control Spike Duplicate Summary

| Analyte | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|-----------------------------|--------------|------|--------------|------|-------|------------|------|-----|--------|-----|-------|
| | LCS | LCSD | LCS | LCSD | | LCS | LCSD | RPD | %Rec | RPD | |
| QC1143639LCS1 | | | | | | | | | | | |
| 1,1-Dichloroethene | 50 | | 52 | | ug/Kg | 104 | | | 59-172 | | |
| Benzene | 50 | | 54 | | ug/Kg | 108 | | | 62-137 | | |
| Chlorobenzene | 50 | | 54 | | ug/Kg | 108 | | | 60-133 | | |
| Methyl-t-butyl Ether (MTBE) | 50 | | 47 | | ug/Kg | 94 | | | 62-137 | | |
| Toluene | 50 | | 55 | | ug/Kg | 110 | | | 59-139 | | |
| Trichloroethene | 50 | | 53 | | ug/Kg | 106 | | | 66-142 | | |

Matrix Spike/Matrix Spike Duplicate Summary

| Analyte | Sample Amount | Spike Amount | | Spike Result | | Units | Recoveries | | | Limits | | Notes |
|------------------------------------|---------------|--------------|-----|--------------|-----|-------|------------|-----|------|--------|-----|-------|
| | | MS | MSD | MS | MSD | | MS | MSD | RPD | %Rec | RPD | |
| QC1143639MS1, QC1143639MSD1 | | | | | | | | | | | | |
| Source: 335718-001 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 50 | 50 | 42 | 46 | ug/Kg | 84 | 92 | 9.1 | 59-172 | 22 | |
| Benzene | ND | 50 | 50 | 46 | 51 | ug/Kg | 92 | 102 | 10.3 | 62-137 | 24 | |
| Chlorobenzene | ND | 50 | 50 | 53 | 51 | ug/Kg | 106 | 102 | 3.8 | 60-133 | 24 | |
| Methyl-t-butyl Ether (MTBE) | ND | 50 | 50 | 46 | 48 | ug/Kg | 92 | 96 | 4.3 | 62-137 | 21 | |
| Toluene | ND | 50 | 50 | 52 | 52 | ug/Kg | 104 | 104 | 0.0 | 59-139 | 21 | |
| Trichloroethene | ND | 50 | 50 | 48 | 50 | ug/Kg | 96 | 100 | 4.1 | 66-142 | 21 | |

ND = Not Detected or < RDL MDL = Method Detection Limit RDL = Reporting Detection Limit DF = Dilution Factor



Notes and Definitions

| | |
|------------|--|
| B | Analyte was present in an associated method blank. Associated sample data was reported with qualifier. |
| C | Laboratory Contamination. |
| D | The sample duplicate RPD was not within control limits, the sample data was reported without further clarification. |
| DF | Dilution Factor |
| DW | Sample result is calculated on a dry weigh basis |
| J | Reported value is estimated |
| L | The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier. |
| M | The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification. |
| MDL | Method Detection Limit |
| NC | The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply. |
| ND | Analyte was not detected or was less than the detection limit. |
| P | Sample was received without proper preservation according to EPA guidelines. |
| Q1 | Analyte Calibration Verification exceeds criteria and the result was reported with qualifier. |
| Q2 | Analyte calibration was not verified and the result was estimated and reported with qualifier. |
| Q3 | Analyte initial calibration was not available or exceeds criteria. The result was estimated and reported with qualifier. |
| RDL | Reporting Detection Limit |
| S | The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification. |
| T | Sample was extracted/analyzed past the holding time. |
| T2 | Sample was analyzed ASAP but received and analyzed past the 15 minute holding time. |
| TIC | Tentatively Identified Compounds |

ND = Not Detected or < RDL MDL = Method Detection Limit RDL = Reporting Detection Limit DF = Dilution Factor

