**TABLE G-1**

Data Validation Summary

*Omega Chemical Corporation Superfund Site*

| Analyte | Method | Precision (Relative % Deviation) | Accuracy (Percent Recovery) | Completeness (Percent) |
|---|---|---|---|---|
| Trace volatiles | CLP VOA | 70 to 130% | **30** | **90** |
| 1,2-dibromoethane, 1,2-dibromo-3-chloropropane | CLP VOA SIM for low detection | 70 to 130% | **30** | **90** |
| 1,4 dioxane | CLP for SVOA SIM for low detection | 40 to 130% | 50 | 90 |

Notes:

CLP = Contract Laboratory Program methods and QC limits

VOA = volatile organic analytes

SIM = selective ion monitoring; methodology used with gas chromatography/mass spectroscopy (GC/MS) measurements for lower detection of analytes as needed by regulatory criteria (shown in the Quality Assurance Project Plan Table A-1)

**TABLE G-2**
Data Validation Summary
*Omega Chemical Corporation Superfund Site*

| SDG | Sample | Analyte | Flag | Reason |
|---|---|---|---|---|
| **Trace Volatiles** | | | | |
| Y3WK7 | Y3WM6 | Methylene chloride | UJ | MB |
| | Y3WM3, Y3WM4, Y3WM5 | Chloroform | UJ | FB |
| | All Samples in this SDG | Acetone<br>1,2-dibromo-3-chloropropane | J (detects)/<br>UJ (nondetects) | IC/CCV RRF |
| | Y3WK9, Y3WL0, Y3WL4, and Y3WL7 through Y3WM6 | 2-Butanone | | |
| | Y3WK7, Y3WK8, Y3WL1 through Y3WL3, Y3WL5, and Y3WL6 | 1,1-Dichloroethene | J (detects)/<br>UJ (nondetects) | CCV %D |
| | Y3WK7, Y3WL2, and Y3WL9 | Dichlorodifluoromethane<br>chloromethane<br>bromomethane<br>chloroethane<br>carbon disulfide | J (detects)/<br>UJ (nondetects) | Surrogates |
| | Y3WK7, Y3WK8, Y3WL1, and Y3WL2 | trans-1,2-Dichloroethene<br>cis-1,2-dichloroethene | J (detects) | |
| | Y3WL3 | cis-1,2-Dichloroethene | | |
| | Y3WL6, Y3WM4, and Y3WM5 | 1,1-Dichloroethene<br>cis-1,2-dichloroethene | | |
| | Y3WK7 | trans-1,2-Dichloroethene | J (detects)/<br>UJ (nondetects) | Calibration |
| Y4N51 | Y4N55, Y4N57 through Y4N62, Y4N66, and Y4N68 | chloroform | UJ | FB |
| | Y4N53, Y4N55 through Y4N70, and Y4N73 | 2-Butanone | J (detects)/<br>UJ (nondetects) | IC/CCV RRF |
| | Y4N51 | Dichlorodifluoromethane<br>chloromethane<br>bromomethane<br>chloroethane<br>carbon disulfide | J (detects)/<br>UJ (nondetects) | CCV %D |
| | Y4N57 through Y4N62, Y4N66, Y4N69, and Y4N73 | 1,1-Dichloroethene<br>cis-1,2-dichloroethene | J (detects) | CCV %D |
| | Y4N64 and Y4N65 | 1,1-Dichloroethene<br>trans-1,2-dichloroethene<br>cis-1,2-dichloroethene | | |
| | Y4N68 and Y4N70 | 1,1-Dichloroethene | | |
| | Y4N64 | 1,1-Dichloroethane<br>benzene | | |
| | Y4N66 | Trichloroethene | | |
| | Y4N58 | All analytes except trichloroethene | J (detects)/<br>UJ (nondetects) | IS |
| | Y4N59 | All analytes except tetrachloroethene | | |
| | Y4N64 | 1,1,1-Trichloroethane<br>cyclohexane<br>carbon tetrachloride<br>benzene<br>methylcyclohexane<br>1,2-dichloropropane<br>bromodichloromethane<br>cis-1,3-dichloropropane<br>4-methyl-2-pentanone<br>toluene<br>trans-1,3-dichloropropene<br>1,1,2-trichloroethane<br>2-hexanone<br>dibromochloromethane<br>1,2-dibromoethane<br>chlorobenzene<br>ethylbenzene<br>o-xylene<br>m,p-xylenes<br>styrene<br>isopropylbenzene<br>1,1,2,2-tetrachloroethane | | |
| | Y4N57, Y4N61, Y4N64, and Y4N66 | Bromoform<br>1,3-dichlorobenzene<br>1,4-dichlorobenzene<br>1,2-dichlorobenzene<br>1,2-dibromo-3-chloropropane<br>1,2,4-trichlorobenzene<br>1,2,3-trichlorobenzene | | |

**TABLE G-2**
Data Validation Summary
*Omega Chemical Corporation Superfund Site*

| SDG | Sample | Analyte | Flag | Reason |
|---|---|---|---|---|
| Y4N71 | Y4N76 | Methylene chloride | U (detects) | MB |
| | Y4N76, Y4N81 | Benzene | J (detects) | Surrogates |
| | Y4N76 | Bromomethane<br>Carbon disulfide<br>Chloroethane<br>Chloromethane<br>Dichlorodifluoromethane | | |
| | Y4N76, Y4N81 | Ethylbenzene<br>Isopropylbenzene<br>Styrene<br>Tetrachloroethene<br>Toluene<br>Trichloroethene<br>m,p-Xylene<br>o-Xylene | | |
| | Y4N74, Y4N75, Y4N76, Y4N78, Y4N79, Y4N80, Y4N81, Y4N82, Y4N83, Y4N84, Y4N85, Y4N86, Y4N87, Y4N88, Y4N89, Y4N90, Y4N91, Y4N71DL, Y4N72DL, Y4N76DL, Y4N77DL, Y4N83DL | 1,1-Dichloroethene<br>cis-1,Dichloroethene<br>trans-1,2-Dichloroethene | | |
| | Y4N81 | 1,1,2,2-Tetrachloroethane<br>1,2-Dibromo-3-chloropropane | | |
| | Y4N76 | 2-Hexanone<br>4-Methyl-2-pentanone | | |
| | Y4N72, Y4N76, Y4N83, Y4N89 | Vinyl chloride | | |
| | Y4N76 | 1,1-Dichloroethane<br>Bromochloromethane<br>Bromoform<br>Chloroform<br>Dibromochloromethane | | |
| | Y4N76, Y4N81 | 1,1,2-Trichloroethane<br>cis-1,3-Dichloropropene<br>trans-1,3-Dichloropropene | | |
| | Y4N76, Y4N81 | Bromodichloromethane<br>Cyclohexane<br>Methylcyclohexane | | |
| | Y4N77 | 1,1,1-Trichloroethane<br>1,1,2-Trichloro-1,2,2-trifluoroethane<br>1,2-Dibromoethane<br>1,2-Dichloroethane<br>Carbon tetrachloride<br>Methyl acetate<br>Methyl tert-butyl ether<br>Methylene chloride<br>Trichlorofluoromethane | J (detects)/<br>UJ (nondetects) | Surrogates |
| | Y4N77, Y4N78, Y4N72DL | Bromomethane<br>Carbon disulfide<br>Chloroethane<br>Chloromethane<br>Dichlorodifluoromethane | | |
| | Y4N78, Y4N82, Y4N89, Y4N90, Y4N91, Y4N76DL, Y4N83DL | 1,2,3-Trichlorobenzene<br>1,2,4-Trichlorobenzene<br>1,2-Dichlorobenzene<br>1,3-Dichlorobenzene<br>1,4-Dichlorobenzene<br>Chlorobenzene | | |
| | Y4N76 | 1,1,2,2-Tetrachloroethane<br>1,2-Dibromo-3-chloropropane | | |
| | Y4N77 | Analytes associated with 1,4-Difluorobenzene-d4 | J (detects)/<br>UJ (nondetects) | IS |
| | Y4N76 | Analytes associated with Chlorobenzene-d5 | J (detects)/<br>R (nondetects) | |
| | Y4N81 | Analytes associated with Chlorobenzene-d5 | J (detects)/<br>UJ (nondetects) | |
| | Y4N76 | Analytes associated with 1,4-Difluorobenzene-d4 | | |

**TABLE G-2**
Data Validation Summary
*Omega Chemical Corporation Superfund Site*

| SDG | Sample | Analyte | Flag | Reason |
|---|---|---|---|---|
| Y4NB2 | Y4NC2DL, Y4NC3, Y4NC4DL, Y4NC5DL, Y4NC6DL | Methylene chloride | U (detects) | MB |
| | Y4NB3DL, Y4NB4DL | Bromoform | J (detects)/ UJ (nondetects) | CCV %D |
| | Y4NB2, Y4NB3, Y4NB4, Y4NB5, Y4NB6, Y4NB7, Y4NB8, Y4NB9, Y4NC0, Y4NC1, Y4NC2, Y4NC4, Y4NC5, Y4NC6, Y4NC6MS, Y4NC6MSD, Y4NC7 | 1,2,3-Trichlorobenzene | | |
| | Y4NB3, Y4NB4, Y4NB6, Y4NC4, Y4NC5, Y4NC6, Y4NC6MS, Y4NC6MSD, Y4NC6DL | 1,1-Dichloroethene<br>cis-1,2-Dichloroethene<br>trans-1,2-Dichloroethene | J (detects)/ UJ (nondetects) | Surrogates |
| | Y4NC5, Y4NC6, Y4NC6MS, Y4NC6MSD | 1,1-Dichloroethane<br>Bromochloromethane<br>Bromoform<br>Chloroform<br>Dibromochloromethane | | |
| | Y4NB5, Y4NC6, Y4NC6MS, Y4NC6MSD | 1,1,2-Trichloroethane<br>cis-1,3-Dichloropropene<br>trans-1,3-Dichloropropene | | |
| | Y4NB2, Y4NB4 | Bromomethane<br>Carbon disulfide<br>Chloroethane<br>Chloromethane<br>Dichlorodifluoromethane | | |
| | Y4NB2, Y4NC0, Y4NB3DL | 1,1,2,2-Tetrachloroethane<br>1,2-Dibromo-3-chloropropane | | |
| | Y4NB3 | Bromomethane<br>Carbon disulfide<br>Chloroethane<br>Chloromethane<br>Dichlorodifluoromethane | | |
| Y4Q41 | Y4Q41 through Y4Q49 and Y4Q55 through Y4Q59 | Acetone | UJ | FB/MB |
| | Y4Q51 | 2-Butanone | UJ | FB |
| | All Samples in this SDG | Acetone | J (detects)/ UJ (nondetects) | IC/CCV RRF |
| | Y4Q46 throughY4Q57 | Bromomethane | J (detects)/ UJ (nondetects) | CCV %D |
| | Y4Q44 | cis-1,2-Dichloroethene | J (detects) | Surrogates |
| | Y4Q50, Y4Q51, Y4Q55, Y4Q56, and Y4Q59 | trans-1,2-Dichloroethene<br>cis-1,2-dichloroethene | | |
| | Y4Q53 | 1,1-Dichloroethene<br>cis-1,2-dichloroethene | | |
| | Y4Q46 through Y4Q49, Y4Q52, Y4Q54, Y4Q57, and Y4Q60 | 1,1-Dichloroethene<br>trans-1,2-dichloroethene<br>cis-1,2-dichloroethene | | |
| | Y4Q59 | 1,1-Dichloroethane | | |
| | Y4Q60 | 1,1-Dichloroethane<br>chloroform | | |
| Y4ZA6 | Y4ZA6, Y4ZB1, Y4ZB4, and Y4ZC5 | Tetrachloroethene | UJ | FB |
| | Y4ZB8 | Chloromethane | | |
| | All Samples in this SDG | Acetone | J (detects)/ UJ (nondetects) | IC/CCV RRF |
| | Y4ZA6, Y4ZA7, Y4ZA8, Y4ZB3, Y4ZB5, Y4ZC0, and Y4ZC4 | 2-Butanone | | |
| | Y4ZB5 and Y4ZB6 | trans-1,2-Dichloroethene<br>cis-1,2-dichloroethene | J (detects) | Surrogates |
| | Y4ZB7 and Y4ZC4 | 1,1-Dichloroethene<br>cis-1,2-dichloroethene | | |
| | Y4ZB9 and Y4ZC1 | 1,1-Dichloroethene<br>trans-1,2-dichloroethene<br>cis-1,2-dichloroethene | | |
| Y5129 | All Samples in this SDG | Bromomethane | J (detects)/ UJ (nondetects) | IC %RSD |

**TABLE G-2**
Data Validation Summary
*Omega Chemical Corporation Superfund Site*

| SDG | Sample | Analyte | Flag | Reason |
|---|---|---|---|---|
| **1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Trace Volatiles Selective Ion Monitoring** | | | | |
| Y3WK7 | All Samples in this SDG | 1,2-Dibromo-3-chloropropane | J (detects)/<br>UJ (nondetects) | IC/CCV RRF |
| Y4N51 | No data has been qualified for this SDG. | | | |
| Y4Q41 | Y4Q42 through Y4Q45 and Y4Q48 through Y4Q52 | 1,2-Dibromo-3-chloropropane | J (detects)/<br>UJ (nondetects) | CCV %D |
| Y5129 | No data has been qualified for this SDG. | | | |
| Y4N71 | Y4N82, Y4N83, Y4N84, Y4N85, Y4N86, Y4N87, Y4N88, Y4N89, Y4N90, Y4N91 | 1,2-Dibromo-3-chloropropane | J (detects)/<br>R (nondetects) | IS |
| Y4NB2 | Y4NB9, Y4NC0, Y4NC1, Y4NC2, Y4NC3, Y4NC4, Y4NC5, Y4NC6, Y4NC7 | 1,2-Dibromo-3-chloropropane | J (detects)/<br>R (nondetects) | CCV RRF |
| | Y4NB2, Y4NB3, Y4NB4, Y4NB5, Y4NB6, Y4NB7, Y4NB8, Y4NB9, Y4NC0, Y4NC1, Y4NC2, Y4NC3, Y4NC4, Y4NC5, Y4NC6, Y4NC7 | 1,2-Dibromo-3-chloropropane | J (detects)/<br>R (nondetects) | IS |
| **1,4-Dioxane (Semivolatile)** | | | | |
| Y3WK7 | No data has been qualified for this SDG. | | | |
| Y4N51 | No data has been qualified for this SDG. | | | |
| Y4ZA6 | Y4ZB1 | 1,4-Dioxane | J (detects)/<br>UJ (nondetects) | Holding Time |
| **Semivolatiles** | | | | |
| Y5129 | Y5129 and Y5130 | 4-chloroaniline<br>hexachlorocyclopentadiene<br>3,3'-dichlorobenzidine | R (nondetects) | Low DMC |
| | Y5129 | 2-nitroaniline<br>3-nitroaniline<br>2,4-dinitrophenol<br>4-nitrophenol<br>4-nitroaniline | | |
| | Y5129 and Y5130 | Pentachlorophenol | J (detects)/<br>UJ (nondetects) | CCV %D |
| | Y5130 | Pyrene<br>butylbenzylphthalate<br>3,3'-dichlorobenzidine<br>benzo(a)anthracene<br>bis(2-ethylhexyl)phthalate<br>chrysene<br>Di-n-octylphthalate<br>benzo(a)fluoranthene<br>benzo(k)fluoranthene<br>benzo(a)pyrene<br>indeno(1,2,3-cd)pyrene<br>dibenzo(a,h)anthracene<br>benzo(g,h,i)perylene | J (detects)/<br>UJ (nondetects) | IS |
| **Semivolatiles Selective Ion Monitoring** | | | | |
| Y5129 | Y5129 and Y5130 | Pentachlorophenol | J (detects)/<br>UJ (nondetects) | CCV RRF |

**TABLE G-3**
Field Duplicate Summary
*Omega Chemical Corporation Superfund Site*

| Parent Sample | Field Duplicate | Sample Date | Analysis Method | Analyte | Units | Primary Sample Value | Primary Sample RL | Primary Sample MDL | Field Duplicate Value | Field Duplicate RL | Field Duplicate MDL | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 0.02 U | 2 | 0.02 | 0.02 U | 2 | 0.02 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0005 R | 0.05 | 0.0005 | 0.0005 R | 0.05 | 0.0005 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0005 U | 0.05 | 0.0005 | 0.0005 U | 0.05 | 0.0005 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 U | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 0.19 U | 0.5 | 0.19 | 0.19 U | 0.5 | 0.19 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,1-Dichloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,1-Dichloroethene | µg/L | 0.16 U | 0.5 | 0.16 | 0.16 U | 0.5 | 0.16 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.066 U | 0.5 | 0.066 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 U | 0.5 | 0.32 | 0.32 U | 0.5 | 0.32 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.098 U | 0.5 | 0.098 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,2-Dichloroethane | µg/L | 0.22 U | 0.5 | 0.22 | 0.22 U | 0.5 | 0.22 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Acetone | µg/L | 2 U | 5 | 2 | 2 U | 5 | 2 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Bromomethane | µg/L | 0.2 U | 0.5 | 0.2 | 0.2 U | 0.5 | 0.2 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Carbon tetrachloride | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Chloroethane | µg/L | 0.13 U | 0.5 | 0.13 | 0.13 U | 0.5 | 0.13 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Chloroform | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Chloromethane | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | cis-1,2-Dichloroethene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Methyl ethyl ketone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Methyl tert-butyl ether | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Tetrachloroethene | µg/L | 4.5 | 0.5 | 0.096 | 4.3 | 0.5 | 0.096 | 4.5% |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | trans-1,2-Dichloroethene | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Trichloroethene | µg/L | 0.83 | 0.5 | 0.072 | 0.79 | 0.5 | 0.072 | 4.9% |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW18A-W-0-670 | OC2-MW18A-W-1-671 | 27-Feb-08 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 8.1 | 2 | 0.02 | 7.9 | 2 | 0.02 | 2.5% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0005 R | 0.05 | 0.0005 | 0.0005 J | 0.05 | 0.0005 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0005 U | 0.05 | 0.0005 | 0.0005 U | 0.05 | 0.0005 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 U | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 11 | 0.5 | 0.19 | 11 | 0.5 | 0.19 | 0.0% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,1-Dichloroethane | µg/L | 3.9 | 0.5 | 0.1 | 3.9 | 0.5 | 0.1 | 0.0% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,1-Dichloroethene | µg/L | 15 J | 0.5 | 0.16 | 17 J | 0.5 | 0.16 | 12.5% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.066 U | 0.5 | 0.066 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 UJ | 0.5 | 0.32 | 0.32 UJ | 0.5 | 0.32 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.098 U | 0.5 | 0.098 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,2-Dichloroethane | µg/L | 0.22 U | 0.5 | 0.22 | 0.22 U | 0.5 | 0.22 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Acetone | µg/L | 2 UJ | 5 | 2 | 2 UJ | 5 | 2 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Bromomethane | µg/L | 0.2 U | 0.5 | 0.2 | 0.2 U | 0.5 | 0.2 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Carbon tetrachloride | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Chloroethane | µg/L | 0.13 U | 0.5 | 0.13 | 0.13 U | 0.5 | 0.13 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Chloroform | µg/L | 0.62 J | 0.5 | 0.12 | 0.67 J | 0.5 | 0.12 | 7.8% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Chloromethane | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | cis-1,2-Dichloroethene | µg/L | 1.4 J | 0.5 | 0.089 | 1.4 J | 0.5 | 0.089 | 0.0% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Methyl ethyl ketone | µg/L | 1.7 UJ | 5 | 1.7 | 1.7 UJ | 5 | 1.7 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Methyl tert-butyl ether | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |

**TABLE G-3**
Field Duplicate Summary
*Omega Chemical Corporation Superfund Site*

| Parent Sample | Field Duplicate | Sample Date | Analysis Method | Analyte | Units | Primary Sample Value | Primary Sample RL | Primary Sample MDL | Field Duplicate Value | Field Duplicate RL | Field Duplicate MDL | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Tetrachloroethene | µg/L | 25 | 0.5 | 0.38 | 25 | 0.5 | 0.38 | 0.0% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | trans-1,2-Dichloroethene | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Trichloroethene | µg/L | 37 | 0.5 | 0.29 | 38 | 0.5 | 0.29 | 2.7% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 4.3 | 0.5 | 0.1 | 4.1 | 0.5 | 0.1 | 4.8% |
| OC2-MW20A-W-0-699 | OC2-MW20A-W-1-700 | 03-Mar-08 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 3.1 | 2 | 0.02 | 3.2 | 2 | 0.02 | 3.2% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0005 J | 0.05 | 0.0005 | 0.0005 R | 0.05 | 0.0005 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0005 U | 0.05 | 0.0005 | 0.0005 U | 0.05 | 0.0005 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 U | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 38 | 0.5 | 1.9 | 31 | 0.5 | 1.9 | 20.3% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,1-Dichloroethane | µg/L | 0.97 | 0.5 | 0.1 | 1.2 | 0.5 | 0.1 | 21.2% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,1-Dichloroethene | µg/L | 25 J | 0.5 | 1.6 | 24 J | 0.5 | 1.6 | 4.1% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.066 U | 0.5 | 0.066 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 UJ | 0.5 | 0.32 | 0.32 UJ | 0.5 | 0.32 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.098 U | 0.5 | 0.098 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,2-Dichloroethane | µg/L | 1.1 | 0.5 | 0.22 | 0.97 | 0.5 | 0.22 | 12.6% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Acetone | µg/L | 2 UJ | 5 | 2 | 2 UJ | 5 | 2 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Bromomethane | µg/L | 0.2 UJ | 0.5 | 0.2 | 0.2 U | 0.5 | 0.2 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Carbon disulfide | µg/L | 0.1 UJ | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Carbon tetrachloride | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Chloroethane | µg/L | 0.13 UJ | 0.5 | 0.13 | 0.13 U | 0.5 | 0.13 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Chloroform | µg/L | 8.6 | 0.5 | 0.12 | 8.5 | 0.5 | 0.12 | 1.2% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Chloromethane | µg/L | 0.15 UJ | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | cis-1,2-Dichloroethene | µg/L | 4.4 J | 0.5 | 0.089 | 4.3 J | 0.5 | 0.089 | 2.3% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 UJ | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Methyl ethyl ketone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Methyl tert-butyl ether | µg/L | 0.32 J | 0.5 | 0.12 | 0.3 J | 0.5 | 0.12 | 6.5% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Tetrachloroethene | µg/L | 100 | 0.5 | 0.96 | 100 | 0.5 | 0.96 | 0.0% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | trans-1,2-Dichloroethene | µg/L | 3.6 J | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Trichloroethene | µg/L | 43 | 0.5 | 0.72 | 45 | 0.5 | 0.72 | 4.5% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 7.4 | 0.5 | 0.1 | 7.7 | 0.5 | 0.1 | 4.0% |
| OC2-MW25A-W-0-687 | OC2-MW25A-W-1-688 | 29-Feb-08 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 2.9 | 2 | 0.02 | 2.7 | 2 | 0.02 | 7.1% |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0005 R | 0.05 | 0.0005 | 0.0005 R | 0.05 | 0.0005 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0005 U | 0.05 | 0.0005 | 0.0005 U | 0.05 | 0.0005 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 U | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 120 | 0.5 | 1.9 | 91 | 0.5 | 1.9 | 27.5% |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,1-Dichloroethane | µg/L | 0.94 | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,1-Dichloroethene | µg/L | 25 J | 0.5 | 0.16 | 21 J | 0.5 | 0.16 | 17.4% |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.066 U | 0.5 | 0.066 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 U | 0.5 | 0.32 | 0.32 U | 0.5 | 0.32 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.098 U | 0.5 | 0.098 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,2-Dichloroethane | µg/L | 0.22 U | 0.5 | 0.22 | 0.22 U | 0.5 | 0.22 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Acetone | µg/L | 2 U | 5 | 2 | 2 U | 5 | 2 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Bromomethane | µg/L | 0.2 U | 0.5 | 0.2 | 0.2 U | 0.5 | 0.2 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Carbon tetrachloride | µg/L | 0.2 J | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Chloroethane | µg/L | 0.13 U | 0.5 | 0.13 | 0.13 U | 0.5 | 0.13 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Chloroform | µg/L | 1 | 0.5 | 0.12 | 0.96 | 0.5 | 0.12 | 4.1% |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Chloromethane | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | cis-1,2-Dichloroethene | µg/L | 4.8 J | 0.5 | 0.089 | 4.5 J | 0.5 | 0.089 | 6.5% |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.21 J | 0.5 | 0.072 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |

**TABLE G-3**
Field Duplicate Summary
*Omega Chemical Corporation Superfund Site*

| Parent Sample | Field Duplicate | Sample Date | Analysis Method | Analyte | Units | Primary Sample Value | Primary Sample RL | Primary Sample MDL | Field Duplicate Value | Field Duplicate RL | Field Duplicate MDL | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Methyl ethyl ketone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Methyl tert-butyl ether | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Tetrachloroethene | µg/L | 73 | 0.5 | 0.96 | 67 | 0.5 | 0.96 | 8.6% |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | trans-1,2-Dichloroethene | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Trichloroethene | µg/L | 99 | 0.5 | 0.72 | 93 | 0.5 | 0.72 | 6.3% |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 43 | 0.5 | 1 | 37 | 0.5 | 1 | 15.0% |
| OC2-MW26C-W-0-709 | OC2-MW26C-W-1-710 | 05-Mar-08 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 0.02 U | 2 | 0.02 | 0.02 U | 2 | 0.02 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0077 R | 0.05 | 0.0077 | 0.0077 R | 0.05 | 0.0077 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0078 U | 0.05 | 0.0078 | 0.0078 U | 0.05 | 0.0078 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 U | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 0.19 U | 0.5 | 0.19 | 0.31 J | 0.5 | 0.19 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,1-Dichloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,1-Dichloroethene | µg/L | 0.44 J | 0.5 | 0.16 | 0.52 J | 0.5 | 0.16 | 16.7% |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.5 J | 0.5 | 0.075 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.5 J | 0.5 | 0.066 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 U | 0.5 | 0.32 | 0.5 J | 0.5 | 0.32 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.5 J | 0.5 | 0.098 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,2-Dichloroethane | µg/L | 0.22 U | 0.5 | 0.22 | 0.22 U | 0.5 | 0.22 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.5 J | 0.5 | 0.082 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.5 J | 0.5 | 0.072 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Acetone | µg/L | 2 U | 5 | 2 | 2 U | 5 | 2 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.5 J | 0.5 | 0.11 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Bromomethane | µg/L | 0.2 U | 0.5 | 0.2 | 0.2 U | 0.5 | 0.2 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Carbon tetrachloride | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Chloroethane | µg/L | 0.13 U | 0.5 | 0.13 | 0.13 U | 0.5 | 0.13 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Chloroform | µg/L | 0.24 UJ | 0.5 | 0.24 | 0.48 UJ | 0.5 | 0.48 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Chloromethane | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | cis-1,2-Dichloroethene | µg/L | 1.2 J | 0.5 | 0.089 | 1.4 J | 0.5 | 0.089 | 15.4% |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Methyl ethyl ketone | µg/L | 1.7 UJ | 5 | 1.7 | 1.7 UJ | 5 | 1.7 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Methyl tert-butyl ether | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Tetrachloroethene | µg/L | 15 | 0.5 | 0.19 | 33 | 0.5 | 0.38 | 75.0% |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | trans-1,2-Dichloroethene | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Trichloroethene | µg/L | 3.7 | 0.5 | 0.072 | 4.3 | 0.5 | 0.072 | 15.0% |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N60 | Y4N61 | 03-Mar-09 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 13 | 2 | 0.02 | 13 | 2 | 0.02 | 0.0% |
| Y4N71 | Y4N72 | 05-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0077 R | 0.05 | 0.0077 | 0.0077 R | 0.05 | 0.0077 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0078 U | 0.05 | 0.0078 | 0.0078 U | 0.05 | 0.0078 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 U | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 170 | 0.5 | 3.8 | 170 | 0.5 | 3.8 | 0.0% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,1-Dichloroethane | µg/L | 0.43 J | 0.5 | 0.1 | 0.49 J | 0.5 | 0.1 | 13.0% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,1-Dichloroethene | µg/L | 120 J | 0.5 | 0.16 | 140 J | 0.5 | 0.16 | 15.4% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.066 U | 0.5 | 0.066 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 U | 0.5 | 0.32 | 0.32 U | 0.5 | 0.32 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.098 U | 0.5 | 0.098 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,2-Dichloroethane | µg/L | 1.9 | 0.5 | 0.22 | 1.8 | 0.5 | 0.22 | 5.4% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Acetone | µg/L | 2 U | 5 | 2 | 2 U | 5 | 2 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |

**TABLE G-3**
Field Duplicate Summary
*Omega Chemical Corporation Superfund Site*

| Parent Sample | Field Duplicate | Sample Date | Analysis Method | Analyte | Units | Primary Sample Value | Primary Sample RL | Primary Sample MDL | Field Duplicate Value | Field Duplicate RL | Field Duplicate MDL | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Bromomethane | µg/L | 4 UJ | 10 | 4 | 4 UJ | 10 | 4 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Carbon tetrachloride | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Chloroethane | µg/L | 0.13 U | 0.5 | 0.13 | 0.13 U | 0.5 | 0.13 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Chloroform | µg/L | 24 | 0.5 | 2.4 | 24 | 0.5 | 2.4 | 0.0% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Chloromethane | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | cis-1,2-Dichloroethene | µg/L | 0.86 | 0.5 | 0.089 | 0.9 | 0.5 | 0.089 | 4.5% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Methyl ethyl ketone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Methyl tert-butyl ether | µg/L | 0.28 J | 0.5 | 0.12 | 0.32 J | 0.5 | 0.12 | 13.3% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Tetrachloroethene | µg/L | 120 | 0.5 | 1.9 | 120 | 0.5 | 1.9 | 0.0% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | trans-1,2-Dichloroethene | µg/L | 0.11 U | 0.5 | 0.11 | 0.21 J | 0.5 | 0.11 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Trichloroethene | µg/L | 44 | 0.5 | 1.4 | 44 | 0.5 | 1.4 | 0.0% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 77 | 0.5 | 2 | 78 | 0.5 | 2 | 1.3% |
| Y4N71 | Y4N72 | 05-Mar-09 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 0.02 U | 2 | 0.02 | 0.02 U | 2 | 0.02 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0077 R | 0.05 | 0.0077 | 0.0077 R | 0.05 | 0.0077 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0078 U | 0.05 | 0.0078 | 0.0078 U | 0.05 | 0.0078 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 U | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 0.19 U | 0.5 | 0.19 | 0.19 U | 0.5 | 0.19 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,1-Dichloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,1-Dichloroethene | µg/L | 0.16 U | 0.5 | 0.16 | 0.16 U | 0.5 | 0.16 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.066 U | 0.5 | 0.066 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 U | 0.5 | 0.32 | 0.32 U | 0.5 | 0.32 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.098 U | 0.5 | 0.098 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,2-Dichloroethane | µg/L | 0.22 U | 0.5 | 0.22 | 0.22 U | 0.5 | 0.22 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Acetone | µg/L | 2 U | 5 | 2 | 2 U | 5 | 2 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Bromomethane | µg/L | 0.2 UJ | 0.5 | 0.2 | 0.2 UJ | 0.5 | 0.2 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Carbon tetrachloride | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Chloroethane | µg/L | 0.13 U | 0.5 | 0.13 | 0.13 U | 0.5 | 0.13 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Chloroform | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Chloromethane | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | cis-1,2-Dichloroethene | µg/L | 0.22 J | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Methyl ethyl ketone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Methyl tert-butyl ether | µg/L | 1.1 | 0.5 | 0.12 | 1.1 | 0.5 | 0.12 | 0.0% |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Tetrachloroethene | µg/L | 0.096 U | 0.5 | 0.096 | 0.096 U | 0.5 | 0.096 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | trans-1,2-Dichloroethene | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Trichloroethene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4N85 | Y4N86 | 09-Mar-09 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 0.02 U | 2 | 0.02 | 2.3 | 2 | 0.02 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0077 R | 0.05 | 0.0077 | 0.0077 R | 0.05 | 0.0077 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0078 U | 0.05 | 0.0078 | 0.0078 U | 0.05 | 0.0078 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 UJ | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 0.19 U | 0.5 | 0.19 | 45 | 0.5 | 0.95 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,1-Dichloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,1-Dichloroethene | µg/L | 0.16 U | 0.5 | 0.16 | 7.7 J | 0.5 | 0.16 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 UJ | 0.5 | 0.075 | 0.075 UJ | 0.5 | 0.075 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.066 U | 0.5 | 0.066 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 UJ | 0.5 | 0.32 | 0.32 U | 0.5 | 0.32 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.098 U | 0.5 | 0.098 | NC |

**TABLE G-3**
Field Duplicate Summary
*Omega Chemical Corporation Superfund Site*

| Parent Sample | Field Duplicate | Sample Date | Analysis Method | Analyte | Units | Primary Sample Value | Primary Sample RL | Primary Sample MDL | Field Duplicate Value | Field Duplicate RL | Field Duplicate MDL | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,2-Dichloroethane | µg/L | 0.22 U | 0.5 | 0.22 | 0.22 U | 0.5 | 0.22 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Acetone | µg/L | 2 U | 5 | 2 | 2 U | 5 | 2 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Bromomethane | µg/L | 0.2 UJ | 0.5 | 0.2 | 0.2 UJ | 0.5 | 0.2 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Carbon disulfide | µg/L | 0.1 UJ | 0.5 | 0.1 | 0.1 UJ | 0.5 | 0.1 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Carbon tetrachloride | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Chloroethane | µg/L | 0.13 UJ | 0.5 | 0.13 | 0.13 UJ | 0.5 | 0.13 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Chloroform | µg/L | 0.12 U | 0.5 | 0.12 | 0.52 | 0.5 | 0.12 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Chloromethane | µg/L | 0.15 UJ | 0.5 | 0.15 | 0.15 UJ | 0.5 | 0.15 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | cis-1,2-Dichloroethene | µg/L | 0.089 U | 0.5 | 0.089 | 1.8 J | 0.5 | 0.089 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 UJ | 0.5 | 0.15 | 0.15 UJ | 0.5 | 0.15 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Methyl ethyl ketone | µg/L | 1.7 UJ | 5 | 1.7 | 1.7 UJ | 5 | 1.7 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Methyl tert-butyl ether | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Tetrachloroethene | µg/L | 0.096 U | 0.5 | 0.096 | 44 | 0.5 | 0.48 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | trans-1,2-Dichloroethene | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Trichloroethene | µg/L | 0.072 U | 0.5 | 0.072 | 61 | 0.5 | 0.36 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 0.1 U | 0.5 | 0.1 | 15 | 0.5 | 0.1 | NC |
| Y4NB2 | Y4NB4 | 13-Mar-09 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 7.1 | 2 | 0.02 | 7.4 | 2 | 0.02 | 4.1% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.0077 R | 0.05 | 0.0077 | 0.0077 R | 0.05 | 0.0077 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | SIMVOL | 1,2-Dibromoethane | µg/L | 0.0078 U | 0.05 | 0.0078 | 0.0078 U | 0.05 | 0.0078 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,1,1-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.085 U | 0.5 | 0.085 | 0.085 U | 0.5 | 0.085 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 30 | 0.5 | 1.5 | 63 | 0.5 | 1.9 | 71.0% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,1,2-Trichloroethane | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,1-Dichloroethane | µg/L | 0.32 J | 0.5 | 0.1 | 0.29 J | 0.5 | 0.1 | 9.8% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,1-Dichloroethene | µg/L | 59 J | 0.5 | 0.16 | 56 J | 0.5 | 0.16 | 5.2% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.075 UJ | 0.5 | 0.075 | 0.075 UJ | 0.5 | 0.075 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.066 U | 0.5 | 0.066 | 0.066 U | 0.5 | 0.066 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.32 U | 0.5 | 0.32 | 0.32 U | 0.5 | 0.32 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,2-Dibromoethane | µg/L | 0.079 U | 0.5 | 0.079 | 0.079 U | 0.5 | 0.079 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,2-Dichlorobenzene | µg/L | 0.098 U | 0.5 | 0.098 | 0.098 U | 0.5 | 0.098 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,2-Dichloroethane | µg/L | 0.22 U | 0.5 | 0.22 | 0.22 U | 0.5 | 0.22 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,2-Dichloropropane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,3-Dichlorobenzene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 1,4-Dichlorobenzene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | 2-Hexanone | µg/L | 1.7 U | 5 | 1.7 | 1.7 U | 5 | 1.7 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Acetone | µg/L | 2 U | 5 | 2 | 2 U | 5 | 2 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Benzene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Bromochloromethane | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Bromodichloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Bromomethane | µg/L | 0.2 U | 0.5 | 0.2 | 0.2 U | 0.5 | 0.2 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Carbon tetrachloride | µg/L | 0.099 U | 0.5 | 0.099 | 0.099 U | 0.5 | 0.099 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Chlorobenzene | µg/L | 0.087 U | 0.5 | 0.087 | 0.087 U | 0.5 | 0.087 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Chloroethane | µg/L | 0.13 U | 0.5 | 0.13 | 0.13 U | 0.5 | 0.13 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Chloroform | µg/L | 14 | 0.5 | 0.12 | 14 J | 0.5 | 0.12 | 0.0% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Chloromethane | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | cis-1,2-Dichloroethene | µg/L | 2.1 J | 0.5 | 0.089 | 1.8 J | 0.5 | 0.089 | 15.4% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | cis-1,3-Dichloropropene | µg/L | 0.072 U | 0.5 | 0.072 | 0.072 U | 0.5 | 0.072 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Cyclohexane | µg/L | 0.081 U | 0.5 | 0.081 | 0.081 U | 0.5 | 0.081 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Dibromochloromethane | µg/L | 0.078 U | 0.5 | 0.078 | 0.078 U | 0.5 | 0.078 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.15 U | 0.5 | 0.15 | 0.15 U | 0.5 | 0.15 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Ethylbenzene | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Isopropylbenzene | µg/L | 0.075 U | 0.5 | 0.075 | 0.075 U | 0.5 | 0.075 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | m,p-Xylenes | µg/L | 0.077 U | 0.5 | 0.077 | 0.077 U | 0.5 | 0.077 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Methyl acetate | µg/L | 0.39 U | 0.5 | 0.39 | 0.39 U | 0.5 | 0.39 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Methyl cyclohexane | µg/L | 0.092 U | 0.5 | 0.092 | 0.092 U | 0.5 | 0.092 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Methyl ethyl ketone | µg/L | 1.7 UJ | 5 | 1.7 | 1.7 UJ | 5 | 1.7 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Methyl isobutyl ketone | µg/L | 0.74 U | 5 | 0.74 | 0.74 U | 5 | 0.74 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Methyl tert-butyl ether | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | o-Xylene | µg/L | 0.082 U | 0.5 | 0.082 | 0.082 U | 0.5 | 0.082 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Styrene | µg/L | 0.067 U | 0.5 | 0.067 | 0.067 U | 0.5 | 0.067 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Tetrachloroethene | µg/L | 74 | 0.5 | 0.77 | 84 | 0.5 | 0.96 | 12.7% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Toluene | µg/L | 0.089 U | 0.5 | 0.089 | 0.089 U | 0.5 | 0.089 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | trans-1,2-Dichloroethene | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | trans-1,3-Dichloropropene | µg/L | 0.17 U | 0.5 | 0.17 | 0.17 U | 0.5 | 0.17 | NC |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Trichloroethene | µg/L | 70 | 0.5 | 0.58 | 72 | 0.5 | 0.72 | 2.8% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 14 | 0.5 | 0.8 | 22 | 0.5 | 1 | 44.4% |
| Y4NC4 | Y4NC5 | 16-Mar-09 | TVOL | Vinyl chloride | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.028 J | 0.05 | 0.028 | 0.028 U | 0.05 | 0.028 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 SIMVOL | 1,2-Dibromoethane | µg/L | 0.01 UJ | 0.05 | 0.01 | 0.01 U | 0.05 | 0.01 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,1,1-Trichloroethane | µg/L | 0.89 | 0.5 | 0.1 | 0.79 | 0.5 | 0.1 | 11.9% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |

**TABLE G-3**
Field Duplicate Summary
*Omega Chemical Corporation Superfund Site*

| Parent Sample | Field Duplicate | Sample Date | Analysis Method | Analyte | Units | Primary Sample Value | Primary Sample RL | Primary Sample MDL | Field Duplicate Value | Field Duplicate RL | Field Duplicate MDL | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 53 | 0.5 | 1.3 | 52 | 0.5 | 1.3 | 1.9% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,1,2-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,1-Dichloroethane | µg/L | 5.4 | 0.5 | 0.1 | 4.9 | 0.5 | 0.1 | 9.7% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,1-Dichloroethene | µg/L | 95 J | 0.5 | 1.4 | 94 J | 0.5 | 1.4 | 1.1% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.48 U | 0.5 | 0.48 | 0.48 U | 0.5 | 0.48 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dibromoethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dichloroethane | µg/L | 0.82 | 0.5 | 0.1 | 0.84 | 0.5 | 0.1 | 2.4% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dichloropropane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,3-Dichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 1,4-Dichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | 2-Hexanone | µg/L | 1 U | 5 | 1 | 1 U | 5 | 1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Acetone | µg/L | 190 J | 5 | 2.2 | 160 J | 5 | 28 | 17.1% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Benzene | µg/L | 0.13 J | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Bromochloromethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Bromodichloromethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Bromomethane | µg/L | 0.11 UJ | 0.5 | 0.11 | 0.11 UJ | 0.5 | 0.11 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Carbon tetrachloride | µg/L | 0.14 J | 0.5 | 0.1 | 0.13 J | 0.5 | 0.1 | 7.4% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Chlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Chloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Chloroform | µg/L | 3.1 | 0.5 | 0.1 | 2.7 | 0.5 | 0.1 | 13.8% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Chloromethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | cis-1,2-Dichloroethene | µg/L | 14 J | 0.5 | 0.1 | 13 J | 0.5 | 0.1 | 7.4% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | cis-1,3-Dichloropropene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Cyclohexane | µg/L | 1.5 | 0.5 | 0.1 | 0.21 J | 0.5 | 0.1 | ##### |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Dibromochloromethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.23 J | 0.5 | 0.1 | 0.17 J | 0.5 | 0.1 | 30.0% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Ethylbenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Isopropylbenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | m,p-Xylenes | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Methyl acetate | µg/L | 0.48 U | 0.5 | 0.48 | 0.48 U | 0.5 | 0.48 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Methyl cyclohexane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Methyl ethyl ketone | µg/L | 1 U | 5 | 1 | 1 U | 5 | 1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Methyl isobutyl ketone | µg/L | 1 U | 5 | 1 | 1 U | 5 | 1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Methyl tert-butyl ether | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 J | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | o-Xylene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Styrene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Tetrachloroethene | µg/L | 120 | 0.5 | 1.3 | 130 | 0.5 | 1.3 | 8.0% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Toluene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | trans-1,2-Dichloroethene | µg/L | 0.12 J | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | trans-1,3-Dichloropropene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Trichloroethene | µg/L | 120 | 0.5 | 1.3 | 120 | 0.5 | 1.3 | 0.0% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 18 | 0.5 | 0.1 | 14 | 0.5 | 0.1 | 25.0% |
| Y4Q52 | Y4Q53 | 07-Apr-09 | SOM01.2 TVOL | Vinyl chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 SIMVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.028 U | 0.05 | 0.028 | 0.028 U | 0.05 | 0.028 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 SIMVOL | 1,2-Dibromoethane | µg/L | 0.01 U | 0.05 | 0.01 | 0.01 U | 0.05 | 0.01 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,1,1-Trichloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 170 | 0.5 | 2.5 | 79 | 0.5 | 2.5 | 73.1% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,1,2-Trichloroethane | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,1-Dichloroethane | µg/L | 0.39 J | 0.5 | 0.1 | 0.34 J | 0.5 | 0.1 | 13.7% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,1-Dichloroethene | µg/L | 69 | 0.5 | 2.8 | 34 | 0.5 | 2.8 | 68.0% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.48 U | 0.5 | 0.48 | 0.48 U | 0.5 | 0.48 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dibromoethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dichloroethane | µg/L | 0.66 | 0.5 | 0.1 | 0.63 | 0.5 | 0.1 | 4.7% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,2-Dichloropropane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,3-Dichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 1,4-Dichlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | 2-Hexanone | µg/L | 1 U | 5 | 1 | 1 U | 5 | 1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Acetone | µg/L | 2.2 UJ | 5 | 2.2 | 2.2 UJ | 5 | 2.2 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Benzene | µg/L | 0.15 J | 0.5 | 0.1 | 0.11 J | 0.5 | 0.1 | 30.8% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Bromochloromethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Bromodichloromethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Bromoform | µg/L | 0.11 U | 0.5 | 0.11 | 0.11 U | 0.5 | 0.11 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Bromomethane | µg/L | 0.11 UJ | 0.5 | 0.11 | 0.11 UJ | 0.5 | 0.11 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Carbon disulfide | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Carbon tetrachloride | µg/L | 0.23 J | 0.5 | 0.1 | 0.22 J | 0.5 | 0.1 | 4.4% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Chlorobenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Chloroethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Chloroform | µg/L | 9.2 | 0.5 | 0.1 | 8.2 | 0.5 | 0.1 | 11.5% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Chloromethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | cis-1,2-Dichloroethene | µg/L | 7.2 J | 0.5 | 0.1 | 6.3 J | 0.5 | 0.1 | 13.3% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | cis-1,3-Dichloropropene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Cyclohexane | µg/L | 1.7 | 0.5 | 0.1 | 0.4 J | 0.5 | 0.1 | ##### |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Dibromochloromethane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.16 J | 0.5 | 0.1 | 0.14 J | 0.5 | 0.1 | 13.3% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Ethylbenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Isopropylbenzene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | m,p-Xylenes | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Methyl acetate | µg/L | 0.48 U | 0.5 | 0.48 | 0.48 U | 0.5 | 0.48 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Methyl cyclohexane | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Methyl ethyl ketone | µg/L | 1 U | 5 | 1 | 1 U | 5 | 1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Methyl isobutyl ketone | µg/L | 1 U | 5 | 1 | 1 U | 5 | 1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Methyl tert-butyl ether | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Methylene chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | o-Xylene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Styrene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Tetrachloroethene | µg/L | 110 | 0.5 | 2.5 | 63 | 0.5 | 2.5 | 54.3% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Toluene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | trans-1,2-Dichloroethene | µg/L | 0.14 J | 0.5 | 0.1 | 0.13 J | 0.5 | 0.1 | 7.4% |

**TABLE G-3**
Field Duplicate Summary
*Omega Chemical Corporation Superfund Site*

| Parent Sample | Field Duplicate | Sample Date | Analysis Method | Analyte | Units | Primary Sample Value | Primary Sample RL | Primary Sample MDL | Field Duplicate Value | Field Duplicate RL | Field Duplicate MDL | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | trans-1,3-Dichloropropene | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Trichloroethene | µg/L | 250 | 0.5 | 2.5 | 140 | 0.5 | 2.5 | 56.4% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 63 | 0.5 | 2.5 | 25 | 0.5 | 2.5 | 86.4% |
| Y4Q55 | Y4Q56 | 07-Apr-09 | SOM01.2 TVOL | Vinyl chloride | µg/L | 0.1 U | 0.5 | 0.1 | 0.1 U | 0.5 | 0.1 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 CSVOL | 1,4-Dioxane (p-dioxane) | µg/L | 0.39 J | 2 | | 0.43 J | 2 | | 9.8% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,1,1-Trichloroethane | µg/L | 0.0619 U | 0.5 | 0.0619 | 0.0619 U | 0.5 | 0.0619 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | µg/L | 0.156 U | 0.5 | 0.156 | 0.156 U | 0.5 | 0.156 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | µg/L | 20 | 5 | 0.0798 | 22 | 5 | 0.0798 | 9.5% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,1,2-Trichloroethane | µg/L | 0.155 U | 0.5 | 0.155 | 0.155 U | 0.5 | 0.155 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,1-Dichloroethane | µg/L | 0.0789 U | 0.5 | 0.0789 | 0.0789 U | 0.5 | 0.0789 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,1-Dichloroethene | µg/L | 6.7 J | 0.5 | 0.0749 | 6.1 | 0.5 | 0.0749 | 9.4% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,2,3-Trichlorobenzene | µg/L | 0.295 U | 0.5 | 0.295 | 0.295 U | 0.5 | 0.295 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,2,4-Trichlorobenzene | µg/L | 0.119 U | 0.5 | 0.119 | 0.119 U | 0.5 | 0.119 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,2-Dibromo-3-chloropropane | µg/L | 0.19 U | 0.5 | 0.19 | 0.19 U | 0.5 | 0.19 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,2-Dibromoethane | µg/L | 0.0843 U | 0.5 | 0.0843 | 0.0843 U | 0.5 | 0.0843 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,2-Dichlorobenzene | µg/L | 0.0752 U | 0.5 | 0.0752 | 0.0752 U | 0.5 | 0.0752 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,2-Dichloroethane | µg/L | 0.134 U | 0.5 | 0.134 | 0.134 U | 0.5 | 0.134 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,2-Dichloropropane | µg/L | 0.101 U | 0.5 | 0.101 | 0.101 U | 0.5 | 0.101 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,3-Dichlorobenzene | µg/L | 0.112 U | 0.5 | 0.112 | 0.112 U | 0.5 | 0.112 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 1,4-Dichlorobenzene | µg/L | 0.0751 U | 0.5 | 0.0751 | 0.0751 U | 0.5 | 0.0751 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | 2-Hexanone | µg/L | 1.45 U | 5 | 1.45 | 1.45 U | 5 | 1.45 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Acetone | µg/L | 14 | 5 | 2.22 | 13 | 5 | 2.22 | 7.4% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Benzene | µg/L | 0.0759 U | 0.5 | 0.0759 | 0.0759 U | 0.5 | 0.0759 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Bromochloromethane | µg/L | 0.09 U | 0.5 | 0.09 | 0.09 U | 0.5 | 0.09 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Bromodichloromethane | µg/L | 0.249 U | 0.5 | 0.249 | 0.249 U | 0.5 | 0.249 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Bromoform | µg/L | 0.106 U | 0.5 | 0.106 | 0.106 U | 0.5 | 0.106 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Bromomethane | µg/L | 0.0721 U | 0.5 | 0.0721 | 0.0721 U | 0.5 | 0.0721 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Carbon disulfide | µg/L | 0.138 U | 0.5 | 0.138 | 0.138 U | 0.5 | 0.138 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Carbon tetrachloride | µg/L | 0.24 J | 0.5 | 0.061 | 0.23 J | 0.5 | 0.061 | 4.3% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Chlorobenzene | µg/L | 0.0835 U | 0.5 | 0.0835 | 0.0835 U | 0.5 | 0.0835 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Chloroethane | µg/L | 0.076 U | 0.5 | 0.076 | 0.076 U | 0.5 | 0.076 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Chloroform | µg/L | 0.93 | 0.5 | 0.082 | 0.81 | 0.5 | 0.082 | 13.8% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Chloromethane | µg/L | 0.0582 U | 0.5 | 0.0582 | 0.12 UJ | 0.5 | 0.0582 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | cis-1,2-Dichloroethene | µg/L | 1.3 J | 0.5 | 0.1 | 1.1 | 0.5 | 0.1 | 16.7% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | cis-1,3-Dichloropropene | µg/L | 0.12 U | 0.5 | 0.12 | 0.12 U | 0.5 | 0.12 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Cyclohexane | µg/L | 0.0584 U | 0.5 | 0.0584 | 0.0584 U | 0.5 | 0.0584 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Dibromochloromethane | µg/L | 0.142 U | 0.5 | 0.142 | 0.142 U | 0.5 | 0.142 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Dichlorodifluoromethane (Freon 12) | µg/L | 0.0637 U | 0.5 | 0.0637 | 0.0637 U | 0.5 | 0.0637 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Ethylbenzene | µg/L | 0.0753 U | 0.5 | 0.0753 | 0.0753 U | 0.5 | 0.0753 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Isopropylbenzene | µg/L | 0.0768 U | 0.5 | 0.0768 | 0.0768 U | 0.5 | 0.0768 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | m,p-Xylenes | µg/L | 0.0934 U | 0.5 | 0.0934 | 0.0934 U | 0.5 | 0.0934 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Methyl acetate | µg/L | 0.209 U | 0.5 | 0.209 | 0.209 U | 0.5 | 0.209 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Methyl cyclohexane | µg/L | 0.101 U | 0.5 | 0.101 | 0.101 U | 0.5 | 0.101 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Methyl ethyl ketone | µg/L | 1.87 U | 5 | 1.87 | 1.87 U | 5 | 1.87 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Methyl isobutyl ketone | µg/L | 1.17 U | 5 | 1.17 | 1.17 U | 5 | 1.17 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Methyl tert-butyl ether | µg/L | 0.111 U | 0.5 | 0.111 | 0.111 U | 0.5 | 0.111 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Methylene chloride | µg/L | 0.0249 U | 0.5 | 0.0249 | 0.0249 U | 0.5 | 0.0249 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | o-Xylene | µg/L | 0.0819 U | 0.5 | 0.0819 | 0.0819 U | 0.5 | 0.0819 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Styrene | µg/L | 0.0853 U | 0.5 | 0.0853 | 0.0853 U | 0.5 | 0.0853 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Tetrachloroethene | µg/L | 18 | 5 | 0.0758 | 18 | 0.5 | 0.0758 | 0.0% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Toluene | µg/L | 0.0748 U | 0.5 | 0.0748 | 0.0748 U | 0.5 | 0.0748 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | trans-1,2-Dichloroethene | µg/L | 0.0582 U | 0.5 | 0.0582 | 0.0582 U | 0.5 | 0.0582 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | trans-1,3-Dichloropropene | µg/L | 0.148 U | 0.5 | 0.148 | 0.148 U | 0.5 | 0.148 | NC |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Trichloroethene | µg/L | 91 | 5 | 0.0674 | 95 | 5 | 0.0674 | 4.3% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Trichlorofluoromethane (Freon 11) | µg/L | 9 | 0.5 | 0.0779 | 8 | 0.5 | 0.0779 | 11.8% |
| Y4ZB7 | Y4ZB8 | 03-Sep-09 | SOM01.2 TVOL | Vinyl chloride | µg/L | 0.0663 U | 0.5 | 0.0663 | 0.0663 U | 0.5 | 0.0663 | NC |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0005 | UJ | 0.05 | 0.0005 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | SIMVOL | 1,2-Dibromoethane | 0.0005 | U | 0.05 | 0.0005 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Chloroform | **0.99** | | 0.5 | 0.12 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Methyl ethyl ketone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Methylene chloride | **1.2** | | 0.5 | 0.1 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB2-W-2-667 | AB | 26-Feb-08 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0005 | R | 0.05 | 0.0005 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | SIMVOL | 1,2-Dibromoethane | 0.0005 | U | 0.05 | 0.0005 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,1-Dichloroethene | 0.16 | UJ | 0.5 | 0.16 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Chloroform | **1** | | 0.5 | 0.12 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Methyl ethyl ketone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Methylene chloride | **1.2** | | 0.5 | 0.1 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB3-W-2-678 | AB | 28-Feb-08 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | **0.0005** | **J** | 0.05 | 0.0005 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | SIMVOL | 1,2-Dibromoethane | 0.0005 | U | 0.05 | 0.0005 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | UJ | 0.5 | 0.32 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Acetone | 2 | UJ | 5 | 2 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Chloroform | **0.95** | | 0.5 | 0.12 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Methyl ethyl ketone | 1.7 | UJ | 5 | 1.7 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Methylene chloride | **1.1** | **J** | 0.5 | 0.1 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB4-W-2-701 | AB | 03-Mar-08 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0005 | R | 0.05 | 0.0005 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | SIMVOL | 1,2-Dibromoethane | 0.0005 | U | 0.05 | 0.0005 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Chloroform | **0.94** | | 0.5 | 0.12 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Methyl ethyl ketone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Methylene chloride | **1.2** | | 0.5 | 0.1 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-AB5-W-2-715 | AB | 05-Mar-08 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0005 | R | 0.05 | 0.0005 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | SIMVOL | 1,2-Dibromoethane | 0.0005 | U | 0.05 | 0.0005 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,1-Dichloroethene | 0.16 | UJ | 0.5 | 0.16 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Chloroform | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Chloromethane | **0.22** | **J** | 0.5 | 0.15 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Methyl ethyl ketone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB2-W-4-673 | TB | 27-Feb-08 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0005 | R | 0.05 | 0.0005 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | SIMVOL | 1,2-Dibromoethane | 0.0005 | U | 0.05 | 0.0005 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | UJ | 0.5 | 0.32 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Acetone | 2 | UJ | 5 | 2 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Chloroform | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Methyl ethyl ketone | 1.7 | UJ | 5 | 1.7 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB3-W-4-692 | TB | 29-Feb-08 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0005 | UJ | 0.05 | 0.0005 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | SIMVOL | 1,2-Dibromoethane | 0.0005 | U | 0.05 | 0.0005 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Chloroform | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Methyl ethyl ketone | 1.7 | U | 5 | 1.7 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| OC2-TB4-W-4-707 | TB | 04-Mar-08 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N63 | TB | 03-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0077 | R | 0.05 | 0.0077 | µg/L |
| Y4N63 | TB | 03-Mar-09 | SIMVOL | 1,2-Dibromoethane | 0.0078 | U | 0.05 | 0.0078 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Y4N63 | TB | 03-Mar-09 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Chloroform | **0.4** | **J** | 0.5 | 0.12 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Methyl ethyl ketone | 1.7 | UJ | 5 | 1.7 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N63 | TB | 03-Mar-09 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N67 | TB | 04-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0077 | R | 0.05 | 0.0077 | µg/L |
| Y4N67 | TB | 04-Mar-09 | SIMVOL | 1,2-Dibromoethane | 0.0078 | U | 0.05 | 0.0078 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Chloroform | **0.42** | **J** | 0.5 | 0.12 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Y4N67 | TB | 04-Mar-09 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Methyl ethyl ketone | 1.7 | UJ | 5 | 1.7 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N67 | TB | 04-Mar-09 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N79 | TB | 05-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0077 | R | 0.05 | 0.0077 | µg/L |
| Y4N79 | TB | 05-Mar-09 | SIMVOL | 1,2-Dibromoethane | 0.0078 | U | 0.05 | 0.0078 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Bromomethane | 0.2 | UJ | 0.5 | 0.2 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Chloroform | **0.4** | **J** | 0.5 | 0.12 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Methyl ethyl ketone | 1.7 | U | 5 | 1.7 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Y4N79 | TB | 05-Mar-09 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N79 | TB | 05-Mar-09 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N84 | TB | 06-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0077 | R | 0.05 | 0.0077 | µg/L |
| Y4N84 | TB | 06-Mar-09 | SIMVOL | 1,2-Dibromoethane | 0.0078 | U | 0.05 | 0.0078 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Bromomethane | 0.2 | UJ | 0.5 | 0.2 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Chloroform | **0.41** | **J** | 0.5 | 0.12 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Methyl ethyl ketone | 1.7 | U | 5 | 1.7 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4N84 | TB | 06-Mar-09 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0077 | R | 0.05 | 0.0077 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | SIMVOL | 1,2-Dibromoethane | 0.0078 | U | 0.05 | 0.0078 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | UJ | 0.5 | 0.075 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Chloroform | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Methyl ethyl ketone | 1.7 | UJ | 5 | 1.7 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Tetrachloroethene | 0.096 | U | 0.5 | 0.096 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4NB7 | TB | 13-Mar-09 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | SIMVOL | 1,2-Dibromo-3-chloropropane | 0.0077 | R | 0.05 | 0.0077 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | SIMVOL | 1,2-Dibromoethane | 0.0078 | U | 0.05 | 0.0078 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,1,1-Trichloroethane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,1,2,2-Tetrachloroethane | 0.085 | U | 0.5 | 0.085 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.19 | U | 0.5 | 0.19 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,1,2-Trichloroethane | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,1-Dichloroethane | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,1-Dichloroethene | 0.16 | U | 0.5 | 0.16 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,2,3-Trichlorobenzene | 0.075 | UJ | 0.5 | 0.075 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,2,4-Trichlorobenzene | 0.066 | U | 0.5 | 0.066 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,2-Dibromo-3-chloropropane | 0.32 | U | 0.5 | 0.32 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,2-Dibromoethane | 0.079 | U | 0.5 | 0.079 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,2-Dichlorobenzene | 0.098 | U | 0.5 | 0.098 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,2-Dichloroethane | 0.22 | U | 0.5 | 0.22 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,2-Dichloropropane | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,3-Dichlorobenzene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 1,4-Dichlorobenzene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | 2-Hexanone | 1.7 | U | 5 | 1.7 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Acetone | 2 | U | 5 | 2 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Benzene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Bromochloromethane | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Bromodichloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Bromoform | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Bromomethane | 0.2 | U | 0.5 | 0.2 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Carbon disulfide | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Carbon tetrachloride | 0.099 | U | 0.5 | 0.099 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Chlorobenzene | 0.087 | U | 0.5 | 0.087 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Chloroethane | 0.13 | U | 0.5 | 0.13 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Chloroform | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Chloromethane | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | cis-1,2-Dichloroethene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | cis-1,3-Dichloropropene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Cyclohexane | 0.081 | U | 0.5 | 0.081 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Dibromochloromethane | 0.078 | U | 0.5 | 0.078 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Dichlorodifluoromethane (Freon 12) | 0.15 | U | 0.5 | 0.15 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Ethylbenzene | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Isopropylbenzene | 0.075 | U | 0.5 | 0.075 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | m,p-Xylenes | 0.077 | U | 0.5 | 0.077 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Methyl acetate | 0.39 | U | 0.5 | 0.39 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Methyl cyclohexane | 0.092 | U | 0.5 | 0.092 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Methyl ethyl ketone | 1.7 | UJ | 5 | 1.7 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Methyl isobutyl ketone | 0.74 | U | 5 | 0.74 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Methyl tert-butyl ether | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Methylene chloride | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | o-Xylene | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Styrene | 0.067 | U | 0.5 | 0.067 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Tetrachloroethene | **0.34** | **J** | 0.5 | 0.096 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Toluene | 0.089 | U | 0.5 | 0.089 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | trans-1,2-Dichloroethene | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | trans-1,3-Dichloropropene | 0.17 | U | 0.5 | 0.17 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Trichloroethene | 0.072 | U | 0.5 | 0.072 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Trichlorofluoromethane (Freon 11) | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4NC7 | TB | 16-Mar-09 | TVOL | Vinyl chloride | 0.11 | U | 0.5 | 0.11 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 C | 1,4-Dioxane (p-dioxane) | | U | 2 | | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,1,1-Trichloroethane | 0.0619 | U | 0.5 | 0.0619 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,1,2,2-Tetrachloroethane | 0.156 | U | 0.5 | 0.156 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.0798 | U | 0.5 | 0.0798 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,1,2-Trichloroethane | 0.155 | U | 0.5 | 0.155 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,1-Dichloroethane | 0.0789 | U | 0.5 | 0.0789 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,1-Dichloroethene | 0.0749 | U | 0.5 | 0.0749 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,2,3-Trichlorobenzene | 0.295 | U | 0.5 | 0.295 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,2,4-Trichlorobenzene | 0.119 | U | 0.5 | 0.119 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,2-Dibromo-3-chloropropane | 0.19 | U | 0.5 | 0.19 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,2-Dibromoethane | 0.0843 | U | 0.5 | 0.0843 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,2-Dichlorobenzene | 0.0752 | U | 0.5 | 0.0752 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,2-Dichloroethane | 0.134 | U | 0.5 | 0.134 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,2-Dichloropropane | 0.101 | U | 0.5 | 0.101 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,3-Dichlorobenzene | 0.112 | U | 0.5 | 0.112 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 1,4-Dichlorobenzene | 0.0751 | U | 0.5 | 0.0751 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | 2-Hexanone | 1.45 | U | 5 | 1.45 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Acetone | 2.22 | U | 5 | 2.22 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Benzene | 0.0759 | U | 0.5 | 0.0759 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Bromochloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Bromodichloromethane | 0.249 | U | 0.5 | 0.249 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Bromoform | 0.106 | U | 0.5 | 0.106 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Bromomethane | 0.0721 | U | 0.5 | 0.0721 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Carbon disulfide | 0.138 | U | 0.5 | 0.138 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Carbon tetrachloride | 0.061 | U | 0.5 | 0.061 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Chlorobenzene | 0.0835 | U | 0.5 | 0.0835 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Chloroethane | 0.076 | U | 0.5 | 0.076 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Chloroform | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Chloromethane | 0.0582 | U | 0.5 | 0.0582 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | cis-1,2-Dichloroethene | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | cis-1,3-Dichloropropene | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Cyclohexane | 0.0584 | U | 0.5 | 0.0584 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Dibromochloromethane | 0.142 | U | 0.5 | 0.142 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Dichlorodifluoromethane (Freon 12) | 0.0637 | U | 0.5 | 0.0637 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Ethylbenzene | 0.0753 | U | 0.5 | 0.0753 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Isopropylbenzene | 0.0768 | U | 0.5 | 0.0768 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | m,p-Xylenes | 0.0934 | U | 0.5 | 0.0934 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Methyl acetate | 0.209 | U | 0.5 | 0.209 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Methyl cyclohexane | 0.101 | U | 0.5 | 0.101 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Methyl ethyl ketone | 1.87 | U | 5 | 1.87 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Methyl isobutyl ketone | 1.17 | U | 5 | 1.17 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Methyl tert-butyl ether | 0.111 | U | 0.5 | 0.111 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Methylene chloride | **0.46** | **J** | 0.5 | 0.0249 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | o-Xylene | 0.0819 | U | 0.5 | 0.0819 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Styrene | 0.0853 | U | 0.5 | 0.0853 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Tetrachloroethene | 0.0758 | U | 0.5 | 0.0758 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Toluene | 0.0748 | U | 0.5 | 0.0748 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | trans-1,2-Dichloroethene | 0.0582 | U | 0.5 | 0.0582 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | trans-1,3-Dichloropropene | 0.148 | U | 0.5 | 0.148 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Trichloroethene | 0.0674 | U | 0.5 | 0.0674 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Trichlorofluoromethane (Freon 11) | 0.0779 | U | 0.5 | 0.0779 | µg/L |
| Y4ZA9 | AB | 01-Sep-09 | SOM01.2 T' | Vinyl chloride | 0.0663 | U | 0.5 | 0.0663 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 C | 1,4-Dioxane (p-dioxane) | | U | 2 | | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,1,1-Trichloroethane | 0.0619 | U | 0.5 | 0.0619 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,1,2,2-Tetrachloroethane | 0.156 | U | 0.5 | 0.156 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 0.0798 | U | 0.5 | 0.0798 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,1,2-Trichloroethane | 0.155 | U | 0.5 | 0.155 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,1-Dichloroethane | 0.0789 | U | 0.5 | 0.0789 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,1-Dichloroethene | 0.0749 | U | 0.5 | 0.0749 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,2,3-Trichlorobenzene | 0.295 | U | 0.5 | 0.295 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,2,4-Trichlorobenzene | 0.119 | U | 0.5 | 0.119 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,2-Dibromo-3-chloropropane | 0.19 | U | 0.5 | 0.19 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,2-Dibromoethane | 0.0843 | U | 0.5 | 0.0843 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,2-Dichlorobenzene | 0.0752 | U | 0.5 | 0.0752 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,2-Dichloroethane | 0.134 | U | 0.5 | 0.134 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,2-Dichloropropane | 0.101 | U | 0.5 | 0.101 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,3-Dichlorobenzene | 0.112 | U | 0.5 | 0.112 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 1,4-Dichlorobenzene | 0.0751 | U | 0.5 | 0.0751 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | 2-Hexanone | 1.45 | U | 5 | 1.45 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Acetone | 2.22 | U | 5 | 2.22 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Benzene | 0.0759 | U | 0.5 | 0.0759 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Bromochloromethane | 0.09 | U | 0.5 | 0.09 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Bromodichloromethane | 0.249 | U | 0.5 | 0.249 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Bromoform | 0.106 | U | 0.5 | 0.106 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Bromomethane | 0.0721 | U | 0.5 | 0.0721 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Carbon disulfide | 0.138 | U | 0.5 | 0.138 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Carbon tetrachloride | 0.061 | U | 0.5 | 0.061 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Chlorobenzene | 0.0835 | U | 0.5 | 0.0835 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Chloroethane | 0.076 | U | 0.5 | 0.076 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Chloroform | 0.082 | U | 0.5 | 0.082 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Chloromethane | **0.13** | **J** | 0.5 | 0.0582 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | cis-1,2-Dichloroethene | 0.1 | U | 0.5 | 0.1 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | cis-1,3-Dichloropropene | 0.12 | U | 0.5 | 0.12 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Cyclohexane | 0.0584 | U | 0.5 | 0.0584 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Dibromochloromethane | 0.142 | U | 0.5 | 0.142 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Dichlorodifluoromethane (Freon 12) | 0.0637 | U | 0.5 | 0.0637 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Ethylbenzene | 0.0753 | U | 0.5 | 0.0753 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Isopropylbenzene | 0.0768 | U | 0.5 | 0.0768 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | m,p-Xylenes | 0.0934 | U | 0.5 | 0.0934 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Methyl acetate | 0.209 | U | 0.5 | 0.209 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Methyl cyclohexane | 0.101 | U | 0.5 | 0.101 | µg/L |

**TABLE G-4**
Field Blank Summary
*Omega Chemical Corporation Superfund Site*

| NativeID | Field Blank Type | Sample Date | Analysis Method | Analyte | Result | LabQualifier | RL | MDL | Units |
|---|---|---|---|---|---|---|---|---|---|
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Methyl ethyl ketone | 1.87 | U | 5 | 1.87 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Methyl isobutyl ketone | 1.17 | U | 5 | 1.17 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Methyl tert-butyl ether | 0.111 | U | 0.5 | 0.111 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Methylene chloride | 0.0249 | U | 0.5 | 0.0249 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | o-Xylene | 0.0819 | U | 0.5 | 0.0819 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Styrene | 0.0853 | U | 0.5 | 0.0853 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Tetrachloroethene | 0.0758 | U | 0.5 | 0.0758 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Toluene | **0.23** | **J** | 0.5 | 0.0748 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | trans-1,2-Dichloroethene | 0.0582 | U | 0.5 | 0.0582 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | trans-1,3-Dichloropropene | 0.148 | U | 0.5 | 0.148 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Trichloroethene | 0.0674 | U | 0.5 | 0.0674 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Trichlorofluoromethane (Freon 11) | 0.0779 | U | 0.5 | 0.0779 | µg/L |
| Y4ZC5 | AB | 03-Sep-09 | SOM01.2 T' | Vinyl chloride | 0.0663 | U | 0.5 | 0.0663 | µg/L |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WH7 | 26-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y3WH7 | 26-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 92 | 78 - 129 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **2949** | 55 - 104 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 97 | 80 - 131 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | 2-Butanone-d5 | 90 | 49 - 155 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | 2-Hexanone-d5 | 118 | 28 - 135 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | Benzene-d6 | 96 | 77 - 124 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | Chloroethane-d5 | 128 | 71 - 131 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | Chloroform-d | **143** | 78 - 121 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | Toluene-d8 | 93 | 77 - 121 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 76 | 73 - 121 | Percent |
| Y3WH7 | 26-Feb-08 | N | TVOL | Vinyl chloride-d3 | 119 | 65 - 131 | Percent |
| Y3WH8 | 26-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 93 | 73 - 125 | Percent |
| Y3WH8 | 26-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 95 | 78 - 129 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **300** | 55 - 104 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 99 | 80 - 131 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | 2-Butanone-d5 | 89 | 49 - 155 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | 2-Hexanone-d5 | 118 | 28 - 135 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | Benzene-d6 | 96 | 77 - 124 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | Chloroethane-d5 | **132** | 71 - 131 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | Toluene-d8 | 92 | 77 - 121 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 77 | 73 - 121 | Percent |
| Y3WH8 | 26-Feb-08 | N | TVOL | Vinyl chloride-d3 | 115 | 65 - 131 | Percent |
| Y3WH9 | 26-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 94 | 73 - 125 | Percent |
| Y3WH9 | 26-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 95 | 78 - 129 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **1680** | 55 - 104 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 100 | 80 - 131 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | 2-Butanone-d5 | 91 | 49 - 155 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | 2-Hexanone-d5 | 124 | 28 - 135 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | Benzene-d6 | 95 | 77 - 124 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | Chloroethane-d5 | 130 | 71 - 131 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | Chloroform-d | 115 | 78 - 121 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | Toluene-d8 | 94 | 77 - 121 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 76 | 73 - 121 | Percent |
| Y3WH9 | 26-Feb-08 | N | TVOL | Vinyl chloride-d3 | 120 | 65 - 131 | Percent |
| Y3WJ0 | 26-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 96 | 73 - 125 | Percent |
| Y3WJ0 | 26-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 96 | 78 - 129 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **1396** | 55 - 104 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 97 | 80 - 131 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | 2-Butanone-d5 | 94 | 49 - 155 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | 2-Hexanone-d5 | 122 | 28 - 135 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | Benzene-d6 | 95 | 77 - 124 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | Chloroethane-d5 | **132** | 71 - 131 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | Chloroform-d | 107 | 78 - 121 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | Toluene-d8 | 93 | 77 - 121 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 75 | 73 - 121 | Percent |
| Y3WJ0 | 26-Feb-08 | N | TVOL | Vinyl chloride-d3 | 123 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WJ1 | 26-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 97 | 73 - 125 | Percent |
| Y3WJ1 | 26-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 97 | 78 - 129 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 62 | 55 - 104 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | 2-Butanone-d5 | 95 | 49 - 155 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | 2-Hexanone-d5 | 106 | 28 - 135 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | Benzene-d6 | 98 | 77 - 124 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | Chloroethane-d5 | 113 | 71 - 131 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | Chloroform-d | 93 | 78 - 121 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | Toluene-d8 | 97 | 77 - 121 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 93 | 73 - 121 | Percent |
| Y3WJ1 | 26-Feb-08 | N | TVOL | Vinyl chloride-d3 | 119 | 65 - 131 | Percent |
| Y3WJ2 | 26-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 98 | 73 - 125 | Percent |
| Y3WJ2 | 26-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 102 | 78 - 129 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 70 | 55 - 104 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 98 | 80 - 131 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | 2-Butanone-d5 | 90 | 49 - 155 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | 2-Hexanone-d5 | 96 | 28 - 135 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | Benzene-d6 | 98 | 77 - 124 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | Chloroethane-d5 | 102 | 71 - 131 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | Toluene-d8 | 97 | 77 - 121 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 87 | 73 - 121 | Percent |
| Y3WJ2 | 26-Feb-08 | N | TVOL | Vinyl chloride-d3 | 116 | 65 - 131 | Percent |
| Y3WJ3 | 27-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y3WJ3 | 27-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 102 | 78 - 129 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 64 | 55 - 104 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 90 | 79 - 124 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | 2-Butanone-d5 | 93 | 49 - 155 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | 2-Hexanone-d5 | 98 | 28 - 135 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | Benzene-d6 | 97 | 77 - 124 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | Chloroethane-d5 | 96 | 71 - 131 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | Toluene-d8 | 97 | 77 - 121 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 82 | 73 - 121 | Percent |
| Y3WJ3 | 27-Feb-08 | N | TVOL | Vinyl chloride-d3 | 116 | 65 - 131 | Percent |
| Y3WJ4 | 27-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 96 | 73 - 125 | Percent |
| Y3WJ4 | 27-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 77 | 55 - 104 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | 2-Butanone-d5 | 97 | 49 - 155 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | 2-Hexanone-d5 | 106 | 28 - 135 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | Chloroethane-d5 | 98 | 71 - 131 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 89 | 73 - 121 | Percent |
| Y3WJ4 | 27-Feb-08 | N | TVOL | Vinyl chloride-d3 | **134** | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WJ5 | 27-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 97 | 73 - 125 | Percent |
| Y3WJ5 | 27-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 77 | 55 - 104 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | 2-Butanone-d5 | 90 | 49 - 155 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | 2-Hexanone-d5 | 100 | 28 - 135 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | Chloroethane-d5 | 119 | 71 - 131 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | Chloroform-d | 93 | 78 - 121 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 85 | 73 - 121 | Percent |
| Y3WJ5 | 27-Feb-08 | N | TVOL | Vinyl chloride-d3 | **134** | 65 - 131 | Percent |
| Y3WJ6 | 27-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y3WJ6 | 27-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 104 | 78 - 129 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 85 | 55 - 104 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 99 | 80 - 131 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | 2-Butanone-d5 | 82 | 49 - 155 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | 2-Hexanone-d5 | 91 | 28 - 135 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | Chloroethane-d5 | 119 | 71 - 131 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 86 | 73 - 121 | Percent |
| Y3WJ6 | 27-Feb-08 | N | TVOL | Vinyl chloride-d3 | 121 | 65 - 131 | Percent |
| Y3WJ7 | 27-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 99 | 73 - 125 | Percent |
| Y3WJ7 | 27-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 102 | 78 - 129 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 72 | 55 - 104 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 103 | 80 - 131 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | 2-Butanone-d5 | 89 | 49 - 155 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | 2-Hexanone-d5 | 97 | 28 - 135 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | Chloroethane-d5 | 113 | 71 - 131 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 87 | 73 - 121 | Percent |
| Y3WJ7 | 27-Feb-08 | N | TVOL | Vinyl chloride-d3 | **138** | 65 - 131 | Percent |
| Y3WJ8 | 27-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 96 | 73 - 125 | Percent |
| Y3WJ8 | 27-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 102 | 78 - 129 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 83 | 55 - 104 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 103 | 80 - 131 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | 2-Butanone-d5 | 84 | 49 - 155 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | 2-Hexanone-d5 | 90 | 28 - 135 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | Chloroethane-d5 | 121 | 71 - 131 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | Chloroform-d | 95 | 78 - 121 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 88 | 73 - 121 | Percent |
| Y3WJ8 | 27-Feb-08 | N | TVOL | Vinyl chloride-d3 | 130 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WJ9 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 99 | 73 - 125 | Percent |
| Y3WJ9 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 106 | 78 - 129 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 73 | 55 - 104 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 107 | 80 - 131 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 92 | 49 - 155 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 97 | 28 - 135 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | **133** | 71 - 131 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | Chloroform-d | 96 | 78 - 121 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 83 | 73 - 121 | Percent |
| Y3WJ9 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | **134** | 65 - 131 | Percent |
| Y3WK0 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 97 | 73 - 125 | Percent |
| Y3WK0 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 104 | 78 - 129 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 73 | 55 - 104 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 87 | 49 - 155 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 95 | 28 - 135 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | Benzene-d6 | 103 | 77 - 124 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | 100 | 71 - 131 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | Chloroform-d | 96 | 78 - 121 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WK0 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | 121 | 65 - 131 | Percent |
| Y3WK1 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 95 | 73 - 125 | Percent |
| Y3WK1 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 105 | 78 - 129 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 80 | 55 - 104 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 100 | 80 - 131 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 87 | 49 - 155 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 92 | 28 - 135 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | Benzene-d6 | 100 | 77 - 124 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | 120 | 71 - 131 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | Chloroform-d | 96 | 78 - 121 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 81 | 73 - 121 | Percent |
| Y3WK1 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | 120 | 65 - 131 | Percent |
| Y3WK2 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 99 | 73 - 125 | Percent |
| Y3WK2 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 101 | 78 - 129 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **1220** | 55 - 104 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 103 | 80 - 131 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 100 | 49 - 155 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 102 | 28 - 135 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | Benzene-d6 | 100 | 77 - 124 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | 96 | 71 - 131 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | Chloroform-d | 112 | 78 - 121 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | Toluene-d8 | 96 | 77 - 121 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 85 | 73 - 121 | Percent |
| Y3WK2 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | 113 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WK3 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 99 | 73 - 125 | Percent |
| Y3WK3 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 103 | 78 - 129 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 81 | 55 - 104 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 97 | 80 - 131 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 86 | 49 - 155 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 90 | 28 - 135 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | Benzene-d6 | 100 | 77 - 124 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | 117 | 71 - 131 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 85 | 73 - 121 | Percent |
| Y3WK3 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | 110 | 65 - 131 | Percent |
| Y3WK4 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 100 | 73 - 125 | Percent |
| Y3WK4 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 105 | 78 - 129 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 73 | 55 - 104 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 99 | 80 - 131 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 87 | 49 - 155 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 97 | 28 - 135 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | Benzene-d6 | 103 | 77 - 124 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | 112 | 71 - 131 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 83 | 73 - 121 | Percent |
| Y3WK4 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | **140** | 65 - 131 | Percent |
| Y3WK5 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y3WK5 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 107 | 78 - 129 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 86 | 55 - 104 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 100 | 80 - 131 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 89 | 49 - 155 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 96 | 28 - 135 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | 120 | 71 - 131 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | Chloroform-d | 96 | 78 - 121 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 83 | 73 - 121 | Percent |
| Y3WK5 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | 113 | 65 - 131 | Percent |
| Y3WK6 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y3WK6 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 105 | 78 - 129 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **1550** | 55 - 104 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 99 | 80 - 131 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 96 | 49 - 155 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 105 | 28 - 135 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | 92 | 71 - 131 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | Chloroform-d | 109 | 78 - 121 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WK6 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | 113 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WK7 | 28-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y3WK7 | 28-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 103 | 78 - 129 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **2302** | 55 - 104 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 112 | 80 - 131 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 109 | 79 - 124 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | 2-Butanone-d5 | 100 | 49 - 155 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | 2-Hexanone-d5 | 113 | 28 - 135 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | Benzene-d6 | 115 | 77 - 124 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | Chloroethane-d5 | 71 | 71 - 131 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | Chloroform-d | **170** | 78 - 121 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | Toluene-d8 | 114 | 77 - 121 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 110 | 73 - 121 | Percent |
| Y3WK7 | 28-Feb-08 | N | TVOL | Vinyl chloride-d3 | 83 | 65 - 131 | Percent |
| Y3WK8 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y3WK8 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 104 | 78 - 129 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **1017** | 55 - 104 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 114 | 80 - 131 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 110 | 79 - 124 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 107 | 49 - 155 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 122 | 28 - 135 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | Benzene-d6 | 116 | 77 - 124 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 73 | 71 - 131 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | Chloroform-d | **125** | 78 - 121 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | Toluene-d8 | 114 | 77 - 121 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 109 | 73 - 121 | Percent |
| Y3WK8 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 85 | 65 - 131 | Percent |
| Y3WK9 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 104 | 73 - 125 | Percent |
| Y3WK9 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 109 | 78 - 129 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 91 | 55 - 104 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 84 | 49 - 155 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 87 | 28 - 135 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | Benzene-d6 | 104 | 77 - 124 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 80 | 71 - 131 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WK9 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 107 | 65 - 131 | Percent |
| Y3WL0 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 100 | 73 - 125 | Percent |
| Y3WL0 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 109 | 78 - 129 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 88 | 55 - 104 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 105 | 80 - 131 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 99 | 79 - 124 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 89 | 49 - 155 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 94 | 28 - 135 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | Benzene-d6 | 106 | 77 - 124 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 80 | 71 - 131 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 89 | 73 - 121 | Percent |
| Y3WL0 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 99 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WL1 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 100 | 73 - 125 | Percent |
| Y3WL1 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 111 | 78 - 129 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **278** | 55 - 104 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 113 | 80 - 131 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 107 | 79 - 124 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 105 | 49 - 155 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 117 | 28 - 135 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | Benzene-d6 | 114 | 77 - 124 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 81 | 71 - 131 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | Chloroform-d | 109 | 78 - 121 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | Toluene-d8 | 112 | 77 - 121 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 106 | 73 - 121 | Percent |
| Y3WL1 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 91 | 65 - 131 | Percent |
| Y3WL2 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y3WL2 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 108 | 78 - 129 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **217** | 55 - 104 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 119 | 80 - 131 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 109 | 79 - 124 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 109 | 49 - 155 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 123 | 28 - 135 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | Benzene-d6 | 116 | 77 - 124 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | **67** | 71 - 131 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | Chloroform-d | 113 | 78 - 121 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | Toluene-d8 | 116 | 77 - 121 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 107 | 73 - 121 | Percent |
| Y3WL2 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 89 | 65 - 131 | Percent |
| Y3WL3 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y3WL3 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 108 | 78 - 129 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **219** | 55 - 104 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 112 | 80 - 131 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 110 | 79 - 124 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 103 | 49 - 155 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 118 | 28 - 135 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | Benzene-d6 | 115 | 77 - 124 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 72 | 71 - 131 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | Chloroform-d | 109 | 78 - 121 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | Toluene-d8 | 112 | 77 - 121 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 109 | 73 - 121 | Percent |
| Y3WL3 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 83 | 65 - 131 | Percent |
| Y3WL4 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y3WL4 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 112 | 78 - 129 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 90 | 55 - 104 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 101 | 80 - 131 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 84 | 49 - 155 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | Benzene-d6 | 104 | 77 - 124 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 83 | 71 - 131 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | Chloroform-d | 100 | 78 - 121 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 85 | 73 - 121 | Percent |
| Y3WL4 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 101 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WL5 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y3WL5 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 114 | 78 - 129 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 100 | 55 - 104 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 104 | 80 - 131 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 99 | 79 - 124 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 97 | 49 - 155 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 106 | 28 - 135 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | Benzene-d6 | 103 | 77 - 124 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 81 | 71 - 131 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | Chloroform-d | 95 | 78 - 121 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 96 | 73 - 121 | Percent |
| Y3WL5 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 84 | 65 - 131 | Percent |
| Y3WL6 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y3WL6 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 112 | 78 - 129 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | **166** | 55 - 104 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 116 | 80 - 131 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 105 | 79 - 124 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 103 | 49 - 155 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 115 | 28 - 135 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | Benzene-d6 | 112 | 77 - 124 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 75 | 71 - 131 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | Chloroform-d | 106 | 78 - 121 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | Toluene-d8 | 110 | 77 - 121 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 104 | 73 - 121 | Percent |
| Y3WL6 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 80 | 65 - 131 | Percent |
| Y3WL7 | 29-Feb-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 104 | 73 - 125 | Percent |
| Y3WL7 | 29-Feb-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 114 | 78 - 129 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | 1,1-Dichloroethene-d2 | 93 | 55 - 104 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | 2-Hexanone-d5 | 84 | 28 - 135 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | Benzene-d6 | 104 | 77 - 124 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | Chloroethane-d5 | 92 | 71 - 131 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | trans-1,3-Dichloropropene | 86 | 73 - 121 | Percent |
| Y3WL7 | 29-Feb-08 | N | TVOL | Vinyl chloride-d3 | 108 | 65 - 131 | Percent |
| Y3WL8 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 88 | 73 - 125 | Percent |
| Y3WL8 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 104 | 78 - 129 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 74 | 55 - 104 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 106 | 80 - 131 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 98 | 49 - 155 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 107 | 28 - 135 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | Benzene-d6 | 104 | 77 - 124 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | 79 | 71 - 131 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 93 | 73 - 121 | Percent |
| Y3WL8 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 95 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WL9 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 90 | 73 - 125 | Percent |
| Y3WL9 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 103 | 78 - 129 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 93 | 55 - 104 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 107 | 80 - 131 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 87 | 49 - 155 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 87 | 28 - 135 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | **69** | 71 - 131 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | Chloroform-d | 100 | 78 - 121 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 83 | 73 - 121 | Percent |
| Y3WL9 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 88 | 65 - 131 | Percent |
| Y3WM0 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 95 | 73 - 125 | Percent |
| Y3WM0 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 107 | 78 - 129 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 77 | 55 - 104 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 109 | 80 - 131 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 92 | 49 - 155 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 93 | 28 - 135 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | Benzene-d6 | 108 | 77 - 124 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | 72 | 71 - 131 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 88 | 73 - 121 | Percent |
| Y3WM0 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 98 | 65 - 131 | Percent |
| Y3WM1 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 98 | 73 - 125 | Percent |
| Y3WM1 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 108 | 78 - 129 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 71 | 55 - 104 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 108 | 80 - 131 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 98 | 49 - 155 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 100 | 28 - 135 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | 79 | 71 - 131 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 93 | 73 - 121 | Percent |
| Y3WM1 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 89 | 65 - 131 | Percent |
| Y3WM2 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y3WM2 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 112 | 78 - 129 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 78 | 55 - 104 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 105 | 80 - 131 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 87 | 49 - 155 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | Benzene-d6 | 109 | 77 - 124 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | 81 | 71 - 131 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | Chloroform-d | 100 | 78 - 121 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | Toluene-d8 | 107 | 77 - 121 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 83 | 73 - 121 | Percent |
| Y3WM2 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 110 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WM3 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y3WM3 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 112 | 78 - 129 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 99 | 55 - 104 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 96 | 49 - 155 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 100 | 28 - 135 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | 79 | 71 - 131 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 96 | 73 - 121 | Percent |
| Y3WM3 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 84 | 65 - 131 | Percent |
| Y3WM4 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 104 | 73 - 125 | Percent |
| Y3WM4 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 117 | 78 - 129 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **182** | 55 - 104 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 104 | 80 - 131 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 81 | 49 - 155 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 81 | 28 - 135 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | Benzene-d6 | 107 | 77 - 124 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | 72 | 71 - 131 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | Chloroform-d | 100 | 78 - 121 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WM4 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 93 | 65 - 131 | Percent |
| Y3WM5 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 107 | 73 - 125 | Percent |
| Y3WM5 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 115 | 78 - 129 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **210** | 55 - 104 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 101 | 80 - 131 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 90 | 28 - 135 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | Benzene-d6 | 108 | 77 - 124 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | 78 | 71 - 131 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | Chloroform-d | 100 | 78 - 121 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | Toluene-d8 | 106 | 77 - 121 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 86 | 73 - 121 | Percent |
| Y3WM5 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 92 | 65 - 131 | Percent |
| Y3WM6 | 3-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 108 | 73 - 125 | Percent |
| Y3WM6 | 3-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 115 | 78 - 129 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 73 | 55 - 104 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 105 | 80 - 131 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | 2-Butanone-d5 | 84 | 49 - 155 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | 2-Hexanone-d5 | 87 | 28 - 135 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | Benzene-d6 | 108 | 77 - 124 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | Chloroethane-d5 | 83 | 71 - 131 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | Chloroform-d | 100 | 78 - 121 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WM6 | 3-Mar-08 | N | TVOL | Vinyl chloride-d3 | 94 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WM7 | 4-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 109 | 73 - 125 | Percent |
| Y3WM7 | 4-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 120 | 78 - 129 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 90 | 55 - 104 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 107 | 80 - 131 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 101 | 79 - 124 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | 2-Hexanone-d5 | 83 | 28 - 135 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | Chloroethane-d5 | 86 | 71 - 131 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 76 | 73 - 121 | Percent |
| Y3WM7 | 4-Mar-08 | N | TVOL | Vinyl chloride-d3 | 96 | 65 - 131 | Percent |
| Y3WM8 | 4-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 107 | 73 - 125 | Percent |
| Y3WM8 | 4-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 121 | 78 - 129 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **256** | 55 - 104 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 105 | 80 - 131 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | 2-Butanone-d5 | 80 | 49 - 155 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | 2-Hexanone-d5 | 84 | 28 - 135 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | Benzene-d6 | 110 | 77 - 124 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | Chloroethane-d5 | 72 | 71 - 131 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | Toluene-d8 | 105 | 77 - 121 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 85 | 73 - 121 | Percent |
| Y3WM8 | 4-Mar-08 | N | TVOL | Vinyl chloride-d3 | 96 | 65 - 131 | Percent |
| Y3WM9 | 4-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 109 | 73 - 125 | Percent |
| Y3WM9 | 4-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 116 | 78 - 129 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **1889** | 55 - 104 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 103 | 80 - 131 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | 2-Hexanone-d5 | 91 | 28 - 135 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | Benzene-d6 | 107 | 77 - 124 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | Chloroethane-d5 | 74 | 71 - 131 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | Toluene-d8 | 105 | 77 - 121 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WM9 | 4-Mar-08 | N | TVOL | Vinyl chloride-d3 | 88 | 65 - 131 | Percent |
| Y3WN0 | 4-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 109 | 73 - 125 | Percent |
| Y3WN0 | 4-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 119 | 78 - 129 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **671** | 55 - 104 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 109 | 80 - 131 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | Chloroethane-d5 | 92 | 71 - 131 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | Chloroform-d | 105 | 78 - 121 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 83 | 73 - 121 | Percent |
| Y3WN0 | 4-Mar-08 | N | TVOL | Vinyl chloride-d3 | 100 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WN1 | 4-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 109 | 73 - 125 | Percent |
| Y3WN1 | 4-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 119 | 78 - 129 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **1131** | 55 - 104 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 105 | 80 - 131 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | 2-Hexanone-d5 | 91 | 28 - 135 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | Benzene-d6 | 109 | 77 - 124 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | Chloroethane-d5 | **57** | 71 - 131 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | Toluene-d8 | 105 | 77 - 121 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WN1 | 4-Mar-08 | N | TVOL | Vinyl chloride-d3 | 94 | 65 - 131 | Percent |
| Y3WN2 | 4-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 109 | 73 - 125 | Percent |
| Y3WN2 | 4-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 118 | 78 - 129 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 90 | 55 - 104 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 108 | 80 - 131 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 101 | 79 - 124 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | 2-Butanone-d5 | 84 | 49 - 155 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | 2-Hexanone-d5 | 81 | 28 - 135 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | Benzene-d6 | 106 | 77 - 124 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | Chloroethane-d5 | 81 | 71 - 131 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WN2 | 4-Mar-08 | N | TVOL | Vinyl chloride-d3 | 96 | 65 - 131 | Percent |
| Y3WN3 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 112 | 73 - 125 | Percent |
| Y3WN3 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 123 | 78 - 129 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 101 | 55 - 104 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 111 | 80 - 131 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 75 | 49 - 155 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 75 | 28 - 135 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | Benzene-d6 | 106 | 77 - 124 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | 89 | 71 - 131 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | Toluene-d8 | 105 | 77 - 121 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 81 | 73 - 121 | Percent |
| Y3WN3 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 99 | 65 - 131 | Percent |
| Y3WN4 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y3WN4 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 122 | 78 - 129 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **264** | 55 - 104 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 108 | 80 - 131 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 84 | 49 - 155 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 87 | 28 - 135 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | Benzene-d6 | 106 | 77 - 124 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | 79 | 71 - 131 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 83 | 73 - 121 | Percent |
| Y3WN4 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 103 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WN5 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 100 | 73 - 125 | Percent |
| Y3WN5 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 121 | 78 - 129 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **213** | 55 - 104 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 108 | 80 - 131 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | Benzene-d6 | 108 | 77 - 124 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | 83 | 71 - 131 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y3WN5 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 101 | 65 - 131 | Percent |
| Y3WN6 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y3WN6 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 109 | 78 - 129 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **2000** | 55 - 104 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 105 | 80 - 131 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 105 | 79 - 124 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 80 | 49 - 155 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 88 | 28 - 135 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | Benzene-d6 | 107 | 77 - 124 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | 86 | 71 - 131 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 90 | 73 - 121 | Percent |
| Y3WN6 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 91 | 65 - 131 | Percent |
| Y3WN7 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 105 | 73 - 125 | Percent |
| Y3WN7 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 123 | 78 - 129 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **270** | 55 - 104 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 104 | 80 - 131 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 104 | 79 - 124 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 77 | 49 - 155 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 84 | 28 - 135 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | Benzene-d6 | 111 | 77 - 124 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | 75 | 71 - 131 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | Toluene-d8 | 108 | 77 - 121 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 88 | 73 - 121 | Percent |
| Y3WN7 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 87 | 65 - 131 | Percent |
| Y3WN8 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 100 | 73 - 125 | Percent |
| Y3WN8 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 109 | 78 - 129 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | **1515** | 55 - 104 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 104 | 80 - 131 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 104 | 79 - 124 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 86 | 49 - 155 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 92 | 28 - 135 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | Benzene-d6 | 107 | 77 - 124 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | **65** | 71 - 131 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | Toluene-d8 | 107 | 77 - 121 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 92 | 73 - 121 | Percent |
| Y3WN8 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 96 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y3WN9 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y3WN9 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 124 | 78 - 129 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 83 | 55 - 104 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 104 | 80 - 131 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 82 | 49 - 155 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 85 | 28 - 135 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | Benzene-d6 | 108 | 77 - 124 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | 76 | 71 - 131 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 91 | 73 - 121 | Percent |
| Y3WN9 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 98 | 65 - 131 | Percent |
| Y3WP0 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 108 | 73 - 125 | Percent |
| Y3WP0 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 126 | 78 - 129 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 91 | 55 - 104 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 97 | 79 - 124 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 88 | 28 - 135 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | 87 | 71 - 131 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 87 | 73 - 121 | Percent |
| Y3WP0 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 92 | 65 - 131 | Percent |
| Y3WP1 | 5-Mar-08 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 111 | 73 - 125 | Percent |
| Y3WP1 | 5-Mar-08 | N | SIMVOL | 1,2-Dichloroethane-d4 | 127 | 78 - 129 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | 1,1-Dichloroethene-d2 | 99 | 55 - 104 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | 1,2-Dichlorobenzene-d4 | 101 | 80 - 131 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | 2-Butanone-d5 | 77 | 49 - 155 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | 2-Hexanone-d5 | 82 | 28 - 135 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | Benzene-d6 | 111 | 77 - 124 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | Chloroethane-d5 | 85 | 71 - 131 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | Toluene-d8 | 107 | 77 - 121 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | trans-1,3-Dichloropropene | 74 | 73 - 121 | Percent |
| Y3WP1 | 5-Mar-08 | N | TVOL | Vinyl chloride-d3 | 101 | 65 - 131 | Percent |
| Y4N51 | 2-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 95 | 73 - 125 | Percent |
| Y4N51 | 2-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 98 | 78 - 129 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **106** | 55 - 104 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 109 | 80 - 131 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 99 | 79 - 124 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | 2-Butanone-d5 | 93 | 49 - 155 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | 2-Hexanone-d5 | 103 | 28 - 135 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | Benzene-d6 | 111 | 77 - 124 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | Chloroethane-d5 | **65** | 71 - 131 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | Chloroform-d | 93 | 78 - 121 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | Toluene-d8 | 105 | 77 - 121 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 104 | 73 - 121 | Percent |
| Y4N51 | 2-Mar-09 | N | TVOL | Vinyl chloride-d3 | 117 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N52 | 2-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 98 | 73 - 125 | Percent |
| Y4N52 | 2-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **109** | 55 - 104 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 116 | 80 - 131 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | 2-Butanone-d5 | 84 | 49 - 155 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | 2-Hexanone-d5 | 102 | 28 - 135 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | Benzene-d6 | 109 | 77 - 124 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | Chloroethane-d5 | 90 | 71 - 131 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | Chloroform-d | 96 | 78 - 121 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 97 | 73 - 121 | Percent |
| Y4N52 | 2-Mar-09 | N | TVOL | Vinyl chloride-d3 | 119 | 65 - 131 | Percent |
| Y4N53 | 2-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y4N53 | 2-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 99 | 78 - 129 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 97 | 55 - 104 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 110 | 80 - 131 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | 2-Butanone-d5 | 78 | 49 - 155 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | 2-Hexanone-d5 | 92 | 28 - 135 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | Benzene-d6 | 109 | 77 - 124 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | Chloroethane-d5 | 80 | 71 - 131 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | Chloroform-d | 84 | 78 - 121 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 93 | 73 - 121 | Percent |
| Y4N53 | 2-Mar-09 | N | TVOL | Vinyl chloride-d3 | 110 | 65 - 131 | Percent |
| Y4N55 | 2-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 93 | 73 - 125 | Percent |
| Y4N55 | 2-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 99 | 78 - 129 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 103 | 55 - 104 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 107 | 80 - 131 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | 2-Butanone-d5 | 93 | 49 - 155 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | 2-Hexanone-d5 | 117 | 28 - 135 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | Benzene-d6 | 111 | 77 - 124 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | Chloroethane-d5 | 85 | 71 - 131 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | Chloroform-d | 90 | 78 - 121 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 108 | 73 - 121 | Percent |
| Y4N55 | 2-Mar-09 | N | TVOL | Vinyl chloride-d3 | 111 | 65 - 131 | Percent |
| Y4N56 | 3-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 96 | 73 - 125 | Percent |
| Y4N56 | 3-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 98 | 55 - 104 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 110 | 80 - 131 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | 2-Hexanone-d5 | 101 | 28 - 135 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | Benzene-d6 | 110 | 77 - 124 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | Chloroethane-d5 | 84 | 71 - 131 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | Chloroform-d | 87 | 78 - 121 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | Toluene-d8 | 105 | 77 - 121 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 97 | 73 - 121 | Percent |
| Y4N56 | 3-Mar-09 | N | TVOL | Vinyl chloride-d3 | 111 | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N57 | 3-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 96 | 73 - 125 | Percent |
| Y4N57 | 3-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 99 | 78 - 129 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **116** | 55 - 104 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 104 | 80 - 131 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | 2-Butanone-d5 | 74 | 49 - 155 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | 2-Hexanone-d5 | 71 | 28 - 135 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | Benzene-d6 | 115 | 77 - 124 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | Chloroethane-d5 | 103 | 71 - 131 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | Toluene-d8 | 107 | 77 - 121 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 87 | 73 - 121 | Percent |
| Y4N57 | 3-Mar-09 | N | TVOL | Vinyl chloride-d3 | **140** | 65 - 131 | Percent |
| Y4N58 | 3-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 104 | 73 - 125 | Percent |
| Y4N58 | 3-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 98 | 78 - 129 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **132** | 55 - 104 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 120 | 80 - 131 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 115 | 79 - 124 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | 2-Butanone-d5 | 73 | 49 - 155 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | 2-Hexanone-d5 | 68 | 28 - 135 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | Benzene-d6 | **129** | 77 - 124 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | Chloroethane-d5 | 103 | 71 - 131 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | Toluene-d8 | 113 | 77 - 121 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 85 | 73 - 121 | Percent |
| Y4N58 | 3-Mar-09 | N | TVOL | Vinyl chloride-d3 | **145** | 65 - 131 | Percent |
| Y4N59 | 3-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y4N59 | 3-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 101 | 78 - 129 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **120** | 55 - 104 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 110 | 80 - 131 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 110 | 79 - 124 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | 2-Butanone-d5 | 68 | 49 - 155 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | 2-Hexanone-d5 | 58 | 28 - 135 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | Benzene-d6 | 123 | 77 - 124 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | Chloroethane-d5 | 100 | 71 - 131 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | Toluene-d8 | 112 | 77 - 121 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 87 | 73 - 121 | Percent |
| Y4N59 | 3-Mar-09 | N | TVOL | Vinyl chloride-d3 | **138** | 65 - 131 | Percent |
| Y4N60 | 3-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y4N60 | 3-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 103 | 78 - 129 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **118** | 55 - 104 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 109 | 79 - 124 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | 2-Butanone-d5 | 65 | 49 - 155 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | 2-Hexanone-d5 | 80 | 28 - 135 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | Benzene-d6 | 123 | 77 - 124 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | Chloroethane-d5 | 92 | 71 - 131 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | Toluene-d8 | 112 | 77 - 121 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 87 | 73 - 121 | Percent |
| Y4N60 | 3-Mar-09 | N | TVOL | Vinyl chloride-d3 | **132** | 65 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N61 | 3-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 96 | 73 - 125 | Percent |
| Y4N61 | 3-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 106 | 78 - 129 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **112** | 55 - 104 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 107 | 80 - 131 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 116 | 79 - 124 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | 2-Butanone-d5 | 72 | 49 - 155 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | 2-Hexanone-d5 | 72 | 28 - 135 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | Benzene-d6 | 121 | 77 - 124 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | Chloroethane-d5 | 101 | 71 - 131 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | Toluene-d8 | 114 | 77 - 121 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 90 | 73 - 121 | Percent |
| Y4N61 | 3-Mar-09 | N | TVOL | Vinyl chloride-d3 | **135** | 65 - 131 | Percent |
| Y4N62 | 3-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 105 | 73 - 125 | Percent |
| Y4N62 | 3-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 108 | 78 - 129 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **127** | 55 - 104 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 106 | 80 - 131 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 111 | 79 - 124 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | 2-Butanone-d5 | 73 | 49 - 155 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | 2-Hexanone-d5 | 68 | 28 - 135 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | Benzene-d6 | **129** | 77 - 124 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | Chloroethane-d5 | 97 | 71 - 131 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | Toluene-d8 | 116 | 77 - 121 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 94 | 73 - 121 | Percent |
| Y4N62 | 3-Mar-09 | N | TVOL | Vinyl chloride-d3 | **134** | 65 - 131 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **121** | 55 - 104 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 111 | 80 - 131 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 106 | 79 - 124 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | 2-Butanone-d5 | 76 | 49 - 155 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | 2-Hexanone-d5 | 76 | 28 - 135 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | Benzene-d6 | 122 | 77 - 124 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | Chloroethane-d5 | 100 | 71 - 131 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | Toluene-d8 | 114 | 77 - 121 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 89 | 73 - 121 | Percent |
| Y4N63 | 3-Mar-09 | N | TVOL | Vinyl chloride-d3 | **144** | 65 - 131 | Percent |
| Y4N64 | 4-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 114 | 73 - 125 | Percent |
| Y4N64 | 4-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 98 | 78 - 129 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **113** | 55 - 104 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 112 | 80 - 131 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | **156** | 79 - 124 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | 2-Butanone-d5 | 68 | 49 - 155 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | 2-Hexanone-d5 | 39 | 28 - 135 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | Benzene-d6 | **231** | 77 - 124 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | Chloroethane-d5 | 105 | 71 - 131 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | Chloroform-d | **125** | 78 - 121 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | Toluene-d8 | **195** | 77 - 121 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | **153** | 73 - 121 | Percent |
| Y4N64 | 4-Mar-09 | N | TVOL | Vinyl chloride-d3 | **139** | 65 - 131 | Percent |
| Y4N65 | 4-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 113 | 73 - 125 | Percent |
| Y4N65 | 4-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 101 | 78 - 129 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N65 | 4-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **117** | 55 - 104 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 110 | 80 - 131 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | 2-Butanone-d5 | 78 | 49 - 155 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | 2-Hexanone-d5 | 70 | 28 - 135 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | Benzene-d6 | **143** | 77 - 124 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | Chloroethane-d5 | 96 | 71 - 131 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | Chloroform-d | 105 | 78 - 121 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | Toluene-d8 | **123** | 77 - 121 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 105 | 73 - 121 | Percent |
| Y4N65 | 4-Mar-09 | N | TVOL | Vinyl chloride-d3 | **132** | 65 - 131 | Percent |
| Y4N66 | 4-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 107 | 73 - 125 | Percent |
| Y4N66 | 4-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 102 | 78 - 129 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **124** | 55 - 104 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 107 | 80 - 131 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 119 | 79 - 124 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | 2-Butanone-d5 | 68 | 49 - 155 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | 2-Hexanone-d5 | 67 | 28 - 135 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | Benzene-d6 | **131** | 77 - 124 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | Chloroethane-d5 | 101 | 71 - 131 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | Toluene-d8 | **126** | 77 - 121 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 97 | 73 - 121 | Percent |
| Y4N66 | 4-Mar-09 | N | TVOL | Vinyl chloride-d3 | 131 | 65 - 131 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **117** | 55 - 104 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 98 | 80 - 131 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 106 | 79 - 124 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | 2-Butanone-d5 | 66 | 49 - 155 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | 2-Hexanone-d5 | 74 | 28 - 135 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | Benzene-d6 | 119 | 77 - 124 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | Chloroethane-d5 | 97 | 71 - 131 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | Chloroform-d | 95 | 78 - 121 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | Toluene-d8 | 115 | 77 - 121 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 84 | 73 - 121 | Percent |
| Y4N67 | 4-Mar-09 | N | TVOL | Vinyl chloride-d3 | **133** | 65 - 131 | Percent |
| Y4N68 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 97 | 73 - 125 | Percent |
| Y4N68 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 106 | 78 - 129 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **128** | 55 - 104 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 111 | 79 - 124 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 73 | 49 - 155 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 82 | 28 - 135 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | Benzene-d6 | 121 | 77 - 124 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 96 | 71 - 131 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | Toluene-d8 | 116 | 77 - 121 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 91 | 73 - 121 | Percent |
| Y4N68 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | **132** | 65 - 131 | Percent |
| Y4N69 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y4N69 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 103 | 78 - 129 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **120** | 55 - 104 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 113 | 80 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N69 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 72 | 49 - 155 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 78 | 28 - 135 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | Benzene-d6 | 120 | 77 - 124 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 102 | 71 - 131 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | Toluene-d8 | 114 | 77 - 121 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 83 | 73 - 121 | Percent |
| Y4N69 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | **139** | 65 - 131 | Percent |
| Y4N70 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 107 | 73 - 125 | Percent |
| Y4N70 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 102 | 78 - 129 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 91 | 55 - 104 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 107 | 80 - 131 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 68 | 49 - 155 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 64 | 28 - 135 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | Benzene-d6 | **135** | 77 - 124 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 101 | 71 - 131 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | Chloroform-d | 108 | 78 - 121 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | Toluene-d8 | **122** | 77 - 121 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 99 | 73 - 121 | Percent |
| Y4N70 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | 125 | 65 - 131 | Percent |
| Y4N71 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 106 | 73 - 125 | Percent |
| Y4N71 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 103 | 78 - 129 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 98 | 55 - 104 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 101 | 80 - 131 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 75 | 49 - 155 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 72 | 28 - 135 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | Benzene-d6 | 120 | 77 - 124 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 92 | 71 - 131 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | Chloroform-d | 109 | 78 - 121 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | Toluene-d8 | 116 | 77 - 121 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 107 | 73 - 121 | Percent |
| Y4N71 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | 129 | 65 - 131 | Percent |
| Y4N72 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y4N72 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 101 | 78 - 129 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 88 | 55 - 104 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 103 | 80 - 131 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 113 | 79 - 124 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 81 | 49 - 155 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 70 | 28 - 135 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | Benzene-d6 | 120 | 77 - 124 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 99 | 71 - 131 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | Chloroform-d | 119 | 78 - 121 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | Toluene-d8 | 117 | 77 - 121 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 108 | 73 - 121 | Percent |
| Y4N72 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | **139** | 65 - 131 | Percent |
| Y4N73 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y4N73 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 104 | 78 - 129 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **129** | 55 - 104 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 113 | 80 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N73 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 105 | 79 - 124 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 69 | 49 - 155 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 76 | 28 - 135 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | Benzene-d6 | 124 | 77 - 124 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 97 | 71 - 131 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | Toluene-d8 | 112 | 77 - 121 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 90 | 73 - 121 | Percent |
| Y4N73 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | **135** | 65 - 131 | Percent |
| Y4N74 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 100 | 73 - 125 | Percent |
| Y4N74 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 108 | 78 - 129 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **125** | 55 - 104 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 88 | 80 - 131 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 119 | 49 - 155 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 103 | 28 - 135 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | Benzene-d6 | 106 | 77 - 124 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 88 | 71 - 131 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | Chloroform-d | 105 | 78 - 121 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 112 | 73 - 121 | Percent |
| Y4N74 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | 126 | 65 - 131 | Percent |
| Y4N75 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y4N75 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 110 | 78 - 129 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **126** | 55 - 104 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 82 | 80 - 131 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 106 | 79 - 124 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 111 | 49 - 155 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 98 | 28 - 135 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | Benzene-d6 | 104 | 77 - 124 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 85 | 71 - 131 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | Toluene-d8 | 96 | 77 - 121 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 111 | 73 - 121 | Percent |
| Y4N75 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | 121 | 65 - 131 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | 1,1,2,2-Tetrachloroethane | **57** | 73 - 125 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **195** | 55 - 104 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 117 | 80 - 131 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | 1,2-Dichloroethane-d4 | 99 | 78 - 129 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | **607** | 79 - 124 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 118 | 49 - 155 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | **469** | 28 - 135 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | Benzene-d6 | **955** | 77 - 124 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | **144** | 71 - 131 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | Chloroform-d | **174** | 78 - 121 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | Toluene-d8 | **1057** | 77 - 121 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | **1234** | 73 - 121 | Percent |
| Y4N76 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | **190** | 65 - 131 | Percent |
| Y4N77 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 99 | 73 - 125 | Percent |
| Y4N77 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 106 | 78 - 129 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 67 | 55 - 104 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 98 | 80 - 131 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N77 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 72 | 49 - 155 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 76 | 28 - 135 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | Benzene-d6 | 119 | 77 - 124 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | **64** | 71 - 131 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | Chloroform-d | 82 | 78 - 121 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | Toluene-d8 | 116 | 77 - 121 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 90 | 73 - 121 | Percent |
| Y4N77 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | 83 | 65 - 131 | Percent |
| Y4N78 | 5-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 104 | 73 - 125 | Percent |
| Y4N78 | 5-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 108 | 78 - 129 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **128** | 55 - 104 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | **78** | 80 - 131 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 109 | 49 - 155 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 97 | 28 - 135 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | Benzene-d6 | 98 | 77 - 124 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | **33** | 71 - 131 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | Toluene-d8 | 91 | 77 - 121 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 98 | 73 - 121 | Percent |
| Y4N78 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | 119 | 65 - 131 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **129** | 55 - 104 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 80 | 80 - 131 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | 2-Butanone-d5 | 112 | 49 - 155 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | 2-Hexanone-d5 | 99 | 28 - 135 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | Chloroethane-d5 | 84 | 71 - 131 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | Toluene-d8 | 96 | 77 - 121 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 107 | 73 - 121 | Percent |
| Y4N79 | 5-Mar-09 | N | TVOL | Vinyl chloride-d3 | 118 | 65 - 131 | Percent |
| Y4N80 | 6-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y4N80 | 6-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 113 | 78 - 129 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **127** | 55 - 104 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 83 | 80 - 131 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | 2-Butanone-d5 | 107 | 49 - 155 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | 2-Hexanone-d5 | 93 | 28 - 135 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | Chloroethane-d5 | 84 | 71 - 131 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | Chloroform-d | 100 | 78 - 121 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | Toluene-d8 | 95 | 77 - 121 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 98 | 73 - 121 | Percent |
| Y4N80 | 6-Mar-09 | N | TVOL | Vinyl chloride-d3 | 120 | 65 - 131 | Percent |
| Y4N81 | 6-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 121 | 73 - 125 | Percent |
| Y4N81 | 6-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 109 | 78 - 129 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **111** | 55 - 104 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 99 | 80 - 131 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | **236** | 79 - 124 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | 2-Butanone-d5 | 73 | 49 - 155 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N81 | 6-Mar-09 | N | TVOL | 2-Hexanone-d5 | 48 | 28 - 135 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | Benzene-d6 | **268** | 77 - 124 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | Chloroethane-d5 | 93 | 71 - 131 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | Chloroform-d | 89 | 78 - 121 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | Toluene-d8 | **257** | 77 - 121 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | **228** | 73 - 121 | Percent |
| Y4N81 | 6-Mar-09 | N | TVOL | Vinyl chloride-d3 | 130 | 65 - 131 | Percent |
| Y4N82 | 6-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 89 | 73 - 125 | Percent |
| Y4N82 | 6-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 92 | 78 - 129 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **124** | 55 - 104 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | **78** | 80 - 131 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | 2-Butanone-d5 | 107 | 49 - 155 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | 2-Hexanone-d5 | 95 | 28 - 135 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | Chloroethane-d5 | 84 | 71 - 131 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | Toluene-d8 | 95 | 77 - 121 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 104 | 73 - 121 | Percent |
| Y4N82 | 6-Mar-09 | N | TVOL | Vinyl chloride-d3 | 119 | 65 - 131 | Percent |
| Y4N83 | 6-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 90 | 73 - 125 | Percent |
| Y4N83 | 6-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 95 | 78 - 129 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **108** | 55 - 104 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 96 | 80 - 131 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 92 | 79 - 124 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | 2-Butanone-d5 | 82 | 49 - 155 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | 2-Hexanone-d5 | 87 | 28 - 135 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | Benzene-d6 | 110 | 77 - 124 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | Chloroethane-d5 | 98 | 71 - 131 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | Toluene-d8 | 104 | 77 - 121 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 97 | 73 - 121 | Percent |
| Y4N83 | 6-Mar-09 | N | TVOL | Vinyl chloride-d3 | **137** | 65 - 131 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **133** | 55 - 104 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 81 | 80 - 131 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 106 | 79 - 124 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | 2-Butanone-d5 | 111 | 49 - 155 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | 2-Hexanone-d5 | 101 | 28 - 135 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | Benzene-d6 | 103 | 77 - 124 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | Chloroethane-d5 | 89 | 71 - 131 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | Toluene-d8 | 95 | 77 - 121 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 102 | 73 - 121 | Percent |
| Y4N84 | 6-Mar-09 | N | TVOL | Vinyl chloride-d3 | 127 | 65 - 131 | Percent |
| Y4N85 | 9-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y4N85 | 9-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 94 | 78 - 129 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **136** | 55 - 104 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 83 | 80 - 131 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 109 | 79 - 124 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | 2-Butanone-d5 | 90 | 49 - 155 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | 2-Hexanone-d5 | 81 | 28 - 135 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | Benzene-d6 | 106 | 77 - 124 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N85 | 9-Mar-09 | N | TVOL | Chloroethane-d5 | 82 | 71 - 131 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 109 | 73 - 121 | Percent |
| Y4N85 | 9-Mar-09 | N | TVOL | Vinyl chloride-d3 | 113 | 65 - 131 | Percent |
| Y4N86 | 9-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 91 | 73 - 125 | Percent |
| Y4N86 | 9-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 99 | 78 - 129 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **139** | 55 - 104 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 89 | 80 - 131 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | 2-Butanone-d5 | 90 | 49 - 155 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | 2-Hexanone-d5 | 72 | 28 - 135 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | Chloroethane-d5 | 85 | 71 - 131 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 105 | 73 - 121 | Percent |
| Y4N86 | 9-Mar-09 | N | TVOL | Vinyl chloride-d3 | 112 | 65 - 131 | Percent |
| Y4N87 | 9-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 93 | 73 - 125 | Percent |
| Y4N87 | 9-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 96 | 78 - 129 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **140** | 55 - 104 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 85 | 80 - 131 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 107 | 79 - 124 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | 2-Butanone-d5 | 89 | 49 - 155 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | 2-Hexanone-d5 | 83 | 28 - 135 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | Benzene-d6 | 106 | 77 - 124 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | Chloroethane-d5 | 83 | 71 - 131 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 100 | 73 - 121 | Percent |
| Y4N87 | 9-Mar-09 | N | TVOL | Vinyl chloride-d3 | 117 | 65 - 131 | Percent |
| Y4N88 | 9-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 91 | 73 - 125 | Percent |
| Y4N88 | 9-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 97 | 78 - 129 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **139** | 55 - 104 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 80 | 80 - 131 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 104 | 79 - 124 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | 2-Butanone-d5 | 87 | 49 - 155 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | 2-Hexanone-d5 | 76 | 28 - 135 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | Benzene-d6 | 107 | 77 - 124 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | Chloroethane-d5 | 85 | 71 - 131 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 102 | 73 - 121 | Percent |
| Y4N88 | 9-Mar-09 | N | TVOL | Vinyl chloride-d3 | 116 | 65 - 131 | Percent |
| Y4N89 | 9-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y4N89 | 9-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **137** | 55 - 104 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | **79** | 80 - 131 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 104 | 79 - 124 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | 2-Butanone-d5 | 103 | 49 - 155 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | 2-Hexanone-d5 | 86 | 28 - 135 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | Benzene-d6 | 100 | 77 - 124 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4N89 | 9-Mar-09 | N | TVOL | Chloroethane-d5 | 95 | 71 - 131 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | Chloroform-d | 104 | 78 - 121 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | Toluene-d8 | 95 | 77 - 121 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 99 | 73 - 121 | Percent |
| Y4N89 | 9-Mar-09 | N | TVOL | Vinyl chloride-d3 | **132** | 65 - 131 | Percent |
| Y4N90 | 9-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y4N90 | 9-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 96 | 78 - 129 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **137** | 55 - 104 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | **75** | 80 - 131 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 104 | 79 - 124 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | 2-Butanone-d5 | 103 | 49 - 155 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | 2-Hexanone-d5 | 85 | 28 - 135 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | Chloroethane-d5 | 94 | 71 - 131 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 106 | 73 - 121 | Percent |
| Y4N90 | 9-Mar-09 | N | TVOL | Vinyl chloride-d3 | 130 | 65 - 131 | Percent |
| Y4N91 | 9-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y4N91 | 9-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 97 | 78 - 129 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **135** | 55 - 104 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | **75** | 80 - 131 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | 2-Butanone-d5 | 98 | 49 - 155 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | Chloroethane-d5 | 93 | 71 - 131 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 99 | 73 - 121 | Percent |
| Y4N91 | 9-Mar-09 | N | TVOL | Vinyl chloride-d3 | 129 | 65 - 131 | Percent |
| Y4NB2 | 13-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 81 | 73 - 125 | Percent |
| Y4NB2 | 13-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 79 | 78 - 129 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 64 | 55 - 104 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 90 | 80 - 131 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | 2-Butanone-d5 | 82 | 49 - 155 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | 2-Hexanone-d5 | 79 | 28 - 135 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | Chloroethane-d5 | **64** | 71 - 131 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 105 | 73 - 121 | Percent |
| Y4NB2 | 13-Mar-09 | N | TVOL | Vinyl chloride-d3 | 74 | 65 - 131 | Percent |
| Y4NB3 | 13-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y4NB3 | 13-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 91 | 78 - 129 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **131** | 55 - 104 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 98 | 80 - 131 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | 2-Butanone-d5 | 80 | 49 - 155 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | 2-Hexanone-d5 | 82 | 28 - 135 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4NB3 | 13-Mar-09 | N | TVOL | Chloroethane-d5 | **18** | 71 - 131 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | Chloroform-d | 100 | 78 - 121 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 112 | 73 - 121 | Percent |
| Y4NB3 | 13-Mar-09 | N | TVOL | Vinyl chloride-d3 | 73 | 65 - 131 | Percent |
| Y4NB4 | 13-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 95 | 73 - 125 | Percent |
| Y4NB4 | 13-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 95 | 78 - 129 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **129** | 55 - 104 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 86 | 80 - 131 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 106 | 79 - 124 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | 2-Butanone-d5 | 86 | 49 - 155 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | 2-Hexanone-d5 | 81 | 28 - 135 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | Benzene-d6 | 100 | 77 - 124 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | Chloroethane-d5 | **68** | 71 - 131 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | Toluene-d8 | 103 | 77 - 121 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 110 | 73 - 121 | Percent |
| Y4NB4 | 13-Mar-09 | N | TVOL | Vinyl chloride-d3 | 75 | 65 - 131 | Percent |
| Y4NB5 | 13-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 97 | 73 - 125 | Percent |
| Y4NB5 | 13-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 87 | 78 - 129 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 77 | 55 - 104 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 90 | 80 - 131 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | 2-Butanone-d5 | 100 | 49 - 155 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | 2-Hexanone-d5 | 81 | 28 - 135 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | Chloroethane-d5 | 91 | 71 - 131 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | Chloroform-d | 113 | 78 - 121 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | **126** | 73 - 121 | Percent |
| Y4NB5 | 13-Mar-09 | N | TVOL | Vinyl chloride-d3 | 74 | 65 - 131 | Percent |
| Y4NB6 | 13-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 110 | 73 - 125 | Percent |
| Y4NB6 | 13-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 110 | 78 - 129 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **197** | 55 - 104 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 89 | 80 - 131 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 105 | 79 - 124 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | 2-Hexanone-d5 | 87 | 28 - 135 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | Chloroethane-d5 | 76 | 71 - 131 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 104 | 73 - 121 | Percent |
| Y4NB6 | 13-Mar-09 | N | TVOL | Vinyl chloride-d3 | 78 | 65 - 131 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 66 | 55 - 104 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 101 | 80 - 131 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 101 | 79 - 124 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | 2-Butanone-d5 | 88 | 49 - 155 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | 2-Hexanone-d5 | 92 | 28 - 135 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | Chloroethane-d5 | 89 | 71 - 131 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | Chloroform-d | 103 | 78 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4NB7 | 13-Mar-09 | N | TVOL | Toluene-d8 | 91 | 77 - 121 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 106 | 73 - 121 | Percent |
| Y4NB7 | 13-Mar-09 | N | TVOL | Vinyl chloride-d3 | 79 | 65 - 131 | Percent |
| Y4NB8 | 13-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 110 | 73 - 125 | Percent |
| Y4NB8 | 13-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 110 | 78 - 129 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 66 | 55 - 104 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 83 | 80 - 131 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | 2-Butanone-d5 | 91 | 49 - 155 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | 2-Hexanone-d5 | 103 | 28 - 135 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | Chloroethane-d5 | 88 | 71 - 131 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 117 | 73 - 121 | Percent |
| Y4NB8 | 13-Mar-09 | N | TVOL | Vinyl chloride-d3 | 77 | 65 - 131 | Percent |
| Y4NB9 | 16-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 107 | 73 - 125 | Percent |
| Y4NB9 | 16-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 108 | 78 - 129 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 65 | 55 - 104 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 98 | 80 - 131 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 96 | 49 - 155 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 85 | 28 - 135 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 77 | 71 - 131 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | Chloroform-d | 106 | 78 - 121 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 114 | 73 - 121 | Percent |
| Y4NB9 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 79 | 65 - 131 | Percent |
| Y4NC0 | 16-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 120 | 73 - 125 | Percent |
| Y4NC0 | 16-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 119 | 78 - 129 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 67 | 55 - 104 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 83 | 80 - 131 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 107 | 79 - 124 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 93 | 49 - 155 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 79 | 28 - 135 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | Benzene-d6 | 104 | 77 - 124 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 78 | 71 - 131 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | Chloroform-d | 105 | 78 - 121 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 120 | 73 - 121 | Percent |
| Y4NC0 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 81 | 65 - 131 | Percent |
| Y4NC1 | 16-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 114 | 73 - 125 | Percent |
| Y4NC1 | 16-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 115 | 78 - 129 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 75 | 55 - 104 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 91 | 80 - 131 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 108 | 79 - 124 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 91 | 49 - 155 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 108 | 28 - 135 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 92 | 71 - 131 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | Chloroform-d | 102 | 78 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4NC1 | 16-Mar-09 | N | TVOL | Toluene-d8 | 97 | 77 - 121 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 119 | 73 - 121 | Percent |
| Y4NC1 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 76 | 65 - 131 | Percent |
| Y4NC2 | 16-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 108 | 73 - 125 | Percent |
| Y4NC2 | 16-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 109 | 78 - 129 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 77 | 55 - 104 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 87 | 80 - 131 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 109 | 79 - 124 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 94 | 49 - 155 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 93 | 71 - 131 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | Chloroform-d | 104 | 78 - 121 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 119 | 73 - 121 | Percent |
| Y4NC2 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 78 | 65 - 131 | Percent |
| Y4NC3 | 16-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 123 | 73 - 125 | Percent |
| Y4NC3 | 16-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 129 | 78 - 129 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 66 | 55 - 104 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 105 | 80 - 131 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 75 | 49 - 155 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 86 | 28 - 135 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | Benzene-d6 | 97 | 77 - 124 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 90 | 71 - 131 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | Chloroform-d | 89 | 78 - 121 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | Toluene-d8 | 95 | 77 - 121 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 97 | 73 - 121 | Percent |
| Y4NC3 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 86 | 65 - 131 | Percent |
| Y4NC4 | 16-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 98 | 73 - 125 | Percent |
| Y4NC4 | 16-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 107 | 78 - 129 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **522** | 55 - 104 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 81 | 80 - 131 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 110 | 79 - 124 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 95 | 49 - 155 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 91 | 28 - 135 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 92 | 71 - 131 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | Chloroform-d | 120 | 78 - 121 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 112 | 73 - 121 | Percent |
| Y4NC4 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 78 | 65 - 131 | Percent |
| Y4NC5 | 16-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y4NC5 | 16-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 112 | 78 - 129 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **503** | 55 - 104 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 90 | 80 - 131 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 101 | 49 - 155 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 96 | 28 - 135 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 97 | 71 - 131 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | Chloroform-d | **124** | 78 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4NC5 | 16-Mar-09 | N | TVOL | Toluene-d8 | 96 | 77 - 121 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 119 | 73 - 121 | Percent |
| Y4NC5 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 80 | 65 - 131 | Percent |
| Y4NC6 | 16-Mar-09 | N | SIMVOL | 1,1,2,2-Tetrachloroethane | 113 | 73 - 125 | Percent |
| Y4NC6 | 16-Mar-09 | N | SIMVOL | 1,2-Dichloroethane-d4 | 108 | 78 - 129 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | **1203** | 55 - 104 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 122 | 79 - 124 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 96 | 49 - 155 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 70 | 28 - 135 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | Benzene-d6 | 116 | 77 - 124 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 76 | 71 - 131 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | Chloroform-d | **157** | 78 - 121 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | Toluene-d8 | 117 | 77 - 121 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | **144** | 73 - 121 | Percent |
| Y4NC6 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 82 | 65 - 131 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | 1,1-Dichloroethene-d2 | 70 | 55 - 104 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | 1,2-Dichlorobenzene-d4 | 95 | 80 - 131 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | 2-Butanone-d5 | 89 | 49 - 155 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | Benzene-d6 | 100 | 77 - 124 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | Chloroethane-d5 | 94 | 71 - 131 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | Chloroform-d | 108 | 78 - 121 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | Toluene-d8 | 97 | 77 - 121 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | trans-1,3-Dichloropropene | 108 | 73 - 121 | Percent |
| Y4NC7 | 16-Mar-09 | N | TVOL | Vinyl chloride-d3 | 77 | 65 - 131 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 105 | 78 - 129 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 92 | 55 - 104 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 92 | 49 - 155 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 99 | 28 - 135 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 117 | 77 - 124 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 93 | 71 - 131 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 92 | 78 - 121 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 108 | 77 - 121 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 93 | 73 - 121 | Percent |
| Y4Q41 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 87 | 65 - 131 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 95 | 73 - 125 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 103 | 78 - 129 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **107** | 55 - 104 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 100 | 80 - 131 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 110 | 49 - 155 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 119 | 28 - 135 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 120 | 77 - 124 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 93 | 71 - 131 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 112 | 77 - 121 | Percent |
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 101 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4Q42 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 86 | 65 - 131 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 83 | 73 - 125 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 85 | 55 - 104 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 100 | 80 - 131 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 110 | 49 - 155 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 116 | 28 - 135 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 119 | 77 - 124 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 98 | 71 - 131 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 112 | 77 - 121 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 99 | 73 - 121 | Percent |
| Y4Q43 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 96 | 65 - 131 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 98 | 73 - 125 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 104 | 78 - 129 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **109** | 55 - 104 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 97 | 80 - 131 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 104 | 79 - 124 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 99 | 49 - 155 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 109 | 28 - 135 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 121 | 77 - 124 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 99 | 71 - 131 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 101 | 78 - 121 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 115 | 77 - 121 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 101 | 73 - 121 | Percent |
| Y4Q44 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 91 | 65 - 131 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 81 | 73 - 125 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 98 | 78 - 129 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 103 | 55 - 104 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 100 | 79 - 124 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 92 | 49 - 155 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 104 | 28 - 135 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 116 | 77 - 124 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 95 | 71 - 131 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 110 | 77 - 121 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 96 | 73 - 121 | Percent |
| Y4Q45 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 88 | 65 - 131 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 95 | 73 - 125 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 107 | 78 - 129 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **848** | 55 - 104 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 95 | 80 - 131 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 102 | 79 - 124 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 90 | 49 - 155 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 103 | 28 - 135 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 120 | 77 - 124 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 91 | 71 - 131 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 85 | 78 - 121 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 115 | 77 - 121 | Percent |
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 100 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4Q46 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 86 | 65 - 131 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 92 | 73 - 125 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 101 | 78 - 129 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **1089** | 55 - 104 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 98 | 80 - 131 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 101 | 79 - 124 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 109 | 49 - 155 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 121 | 28 - 135 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 118 | 77 - 124 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 90 | 71 - 131 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 88 | 78 - 121 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 114 | 77 - 121 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 105 | 73 - 121 | Percent |
| Y4Q47 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 86 | 65 - 131 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 84 | 73 - 125 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 96 | 78 - 129 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **785** | 55 - 104 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 91 | 80 - 131 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 123 | 49 - 155 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 113 | 28 - 135 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 110 | 77 - 124 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 83 | 71 - 131 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 82 | 78 - 121 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 106 | 77 - 121 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 98 | 73 - 121 | Percent |
| Y4Q48 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 74 | 65 - 131 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 86 | 73 - 125 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 94 | 78 - 129 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **782** | 55 - 104 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 89 | 80 - 131 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 92 | 79 - 124 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 112 | 49 - 155 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 101 | 28 - 135 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 107 | 77 - 124 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 81 | 71 - 131 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 80 | 78 - 121 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 93 | 73 - 121 | Percent |
| Y4Q49 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 74 | 65 - 131 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 89 | 73 - 125 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 101 | 78 - 129 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **353** | 55 - 104 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 96 | 80 - 131 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 94 | 49 - 155 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 105 | 28 - 135 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 115 | 77 - 124 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 95 | 71 - 131 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 96 | 78 - 121 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 110 | 77 - 121 | Percent |
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 95 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4Q50 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 85 | 65 - 131 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 78 | 73 - 125 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 94 | 78 - 129 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **352** | 55 - 104 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 96 | 49 - 155 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 107 | 28 - 135 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 110 | 77 - 124 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 93 | 71 - 131 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 96 | 78 - 121 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 105 | 77 - 121 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 95 | 73 - 121 | Percent |
| Y4Q51 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 83 | 65 - 131 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 91 | 73 - 125 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 102 | 78 - 129 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **603** | 55 - 104 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 90 | 49 - 155 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 100 | 28 - 135 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 113 | 77 - 124 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 94 | 71 - 131 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 107 | 77 - 121 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 93 | 73 - 121 | Percent |
| Y4Q52 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 84 | 65 - 131 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 95 | 73 - 125 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 101 | 78 - 129 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **507** | 55 - 104 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 94 | 49 - 155 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 106 | 28 - 135 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 111 | 77 - 124 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 96 | 71 - 131 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 95 | 78 - 121 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 107 | 77 - 121 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 94 | 73 - 121 | Percent |
| Y4Q53 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 91 | 65 - 131 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 97 | 73 - 125 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **471** | 55 - 104 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 89 | 80 - 131 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 92 | 79 - 124 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 92 | 49 - 155 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 104 | 28 - 135 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 107 | 77 - 124 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 94 | 71 - 131 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 91 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4Q54 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 88 | 65 - 131 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 108 | 73 - 125 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 103 | 78 - 129 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **273** | 55 - 104 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 97 | 80 - 131 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 95 | 49 - 155 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 108 | 28 - 135 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 115 | 77 - 124 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 99 | 71 - 131 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 107 | 78 - 121 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 110 | 77 - 121 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 99 | 73 - 121 | Percent |
| Y4Q55 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 91 | 65 - 131 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 84 | 73 - 125 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 91 | 78 - 129 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **225** | 55 - 104 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 96 | 80 - 131 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 92 | 49 - 155 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 108 | 28 - 135 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 113 | 77 - 124 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 97 | 71 - 131 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 105 | 78 - 121 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 109 | 77 - 121 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 95 | 73 - 121 | Percent |
| Y4Q56 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 91 | 65 - 131 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 105 | 78 - 129 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **468** | 55 - 104 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 89 | 80 - 131 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 91 | 79 - 124 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 94 | 49 - 155 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 105 | 28 - 135 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 107 | 77 - 124 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 95 | 71 - 131 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 109 | 78 - 121 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 91 | 73 - 121 | Percent |
| Y4Q57 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 92 | 65 - 131 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 80 | 73 - 125 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 89 | 78 - 129 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 97 | 55 - 104 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 106 | 80 - 131 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 109 | 79 - 124 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 116 | 49 - 155 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 133 | 28 - 135 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 124 | 77 - 124 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 95 | 71 - 131 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | 111 | 78 - 121 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 116 | 77 - 121 | Percent |
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 102 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4Q58 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 103 | 65 - 131 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 84 | 73 - 125 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 92 | 78 - 129 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **704** | 55 - 104 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 99 | 80 - 131 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 101 | 79 - 124 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 113 | 49 - 155 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 133 | 28 - 135 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 114 | 77 - 124 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 78 | 71 - 131 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | **149** | 78 - 121 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 110 | 77 - 121 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 98 | 73 - 121 | Percent |
| Y4Q59 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 79 | 65 - 131 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 110 | 73 - 125 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **386** | 55 - 104 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 107 | 80 - 131 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 104 | 79 - 124 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 123 | 49 - 155 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 134 | 28 - 135 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | Benzene-d6 | 118 | 77 - 124 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 110 | 71 - 131 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | Chloroform-d | **126** | 78 - 121 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | Toluene-d8 | 115 | 77 - 121 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 104 | 73 - 121 | Percent |
| Y4Q60 | 7-Apr-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 102 | 65 - 131 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 101 | 73 - 125 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 78 | 55 - 104 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 90 | 78 - 129 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 92 | 79 - 124 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 74 | 49 - 155 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 81 | 28 - 135 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 99 | 71 - 131 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 97 | 77 - 121 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 90 | 73 - 121 | Percent |
| Y4ZA6 | 1-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 93 | 65 - 131 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 99 | 73 - 125 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 77 | 55 - 104 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 95 | 80 - 131 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 86 | 78 - 129 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 76 | 49 - 155 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 81 | 28 - 135 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 100 | 71 - 131 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 91 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4ZA7 | 1-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 94 | 65 - 131 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 98 | 73 - 125 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 78 | 55 - 104 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 96 | 80 - 131 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 86 | 78 - 129 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 72 | 49 - 155 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 80 | 28 - 135 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 103 | 77 - 124 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 101 | 71 - 131 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 91 | 73 - 121 | Percent |
| Y4ZA8 | 1-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 96 | 65 - 131 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 91 | 73 - 125 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 76 | 55 - 104 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 96 | 80 - 131 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 86 | 78 - 129 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 73 | 49 - 155 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 82 | 28 - 135 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 99 | 71 - 131 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 91 | 73 - 121 | Percent |
| Y4ZA9 | 1-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 93 | 65 - 131 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 102 | 73 - 125 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 76 | 55 - 104 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 95 | 80 - 131 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 88 | 78 - 129 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 82 | 49 - 155 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 90 | 28 - 135 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 98 | 71 - 131 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 95 | 78 - 121 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 96 | 73 - 121 | Percent |
| Y4ZB0 | 2-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 93 | 65 - 131 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 106 | 73 - 125 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 79 | 55 - 104 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 94 | 78 - 129 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 91 | 28 - 135 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 104 | 77 - 124 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 108 | 71 - 131 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 98 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4ZB1 | 2-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 100 | 65 - 131 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 105 | 73 - 125 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 83 | 55 - 104 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 94 | 78 - 129 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 97 | 79 - 124 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 90 | 28 - 135 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 107 | 71 - 131 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 99 | 78 - 121 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 98 | 73 - 121 | Percent |
| Y4ZB2 | 2-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 101 | 65 - 131 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 100 | 73 - 125 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 81 | 55 - 104 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 85 | 78 - 129 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 91 | 79 - 124 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 75 | 49 - 155 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 79 | 28 - 135 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 99 | 71 - 131 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 91 | 73 - 121 | Percent |
| Y4ZB3 | 2-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 94 | 65 - 131 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 83 | 55 - 104 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 95 | 78 - 129 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 92 | 49 - 155 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 88 | 28 - 135 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 105 | 77 - 124 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 108 | 71 - 131 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 102 | 78 - 121 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 100 | 73 - 121 | Percent |
| Y4ZB4 | 2-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 103 | 65 - 131 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 108 | 73 - 125 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **335** | 55 - 104 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 89 | 78 - 129 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 83 | 49 - 155 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 93 | 28 - 135 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 95 | 71 - 131 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 96 | 77 - 121 | Percent |
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 95 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4ZB5 | 2-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 91 | 65 - 131 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 107 | 73 - 125 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **278** | 55 - 104 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 102 | 80 - 131 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 93 | 78 - 129 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 103 | 79 - 124 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 111 | 77 - 124 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 94 | 71 - 131 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 107 | 78 - 121 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 101 | 73 - 121 | Percent |
| Y4ZB6 | 2-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 89 | 65 - 131 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 114 | 73 - 125 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **106** | 55 - 104 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 95 | 80 - 131 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 104 | 78 - 129 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 96 | 79 - 124 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 95 | 49 - 155 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 99 | 28 - 135 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 104 | 77 - 124 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 113 | 71 - 131 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 105 | 78 - 121 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 102 | 77 - 121 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 107 | 73 - 121 | Percent |
| Y4ZB7 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 100 | 65 - 131 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 108 | 73 - 125 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 103 | 55 - 104 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 96 | 80 - 131 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 100 | 78 - 129 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 89 | 49 - 155 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 95 | 28 - 135 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 101 | 77 - 124 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 98 | 71 - 131 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 103 | 78 - 121 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 103 | 73 - 121 | Percent |
| Y4ZB8 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 93 | 65 - 131 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 105 | 73 - 125 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **473** | 55 - 104 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 99 | 78 - 129 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 85 | 28 - 135 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 103 | 77 - 124 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 106 | 71 - 131 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 115 | 78 - 121 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 101 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4ZB9 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 100 | 65 - 131 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 100 | 73 - 125 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 84 | 55 - 104 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 85 | 78 - 129 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 92 | 79 - 124 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 74 | 49 - 155 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 81 | 28 - 135 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 100 | 77 - 124 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 94 | 71 - 131 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 90 | 73 - 121 | Percent |
| Y4ZC0 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 92 | 65 - 131 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 109 | 73 - 125 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **410** | 55 - 104 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 101 | 78 - 129 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 88 | 49 - 155 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 88 | 28 - 135 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 103 | 77 - 124 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 106 | 71 - 131 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 114 | 78 - 121 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 103 | 73 - 121 | Percent |
| Y4ZC1 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 100 | 65 - 131 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 108 | 73 - 125 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 78 | 55 - 104 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 91 | 80 - 131 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 94 | 78 - 129 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 104 | 79 - 124 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 86 | 49 - 155 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 93 | 28 - 135 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 111 | 77 - 124 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 96 | 71 - 131 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 97 | 78 - 121 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 102 | 73 - 121 | Percent |
| Y4ZC2 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 86 | 65 - 131 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 103 | 73 - 125 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 81 | 55 - 104 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 93 | 78 - 129 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 93 | 79 - 124 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 85 | 49 - 155 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 82 | 28 - 135 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 99 | 71 - 131 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 98 | 78 - 121 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 99 | 77 - 121 | Percent |
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 97 | 73 - 121 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y4ZC3 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 91 | 65 - 131 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 97 | 73 - 125 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | **112** | 55 - 104 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 84 | 78 - 129 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 91 | 79 - 124 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 70 | 49 - 155 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 79 | 28 - 135 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 102 | 77 - 124 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 101 | 71 - 131 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 101 | 77 - 121 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 88 | 73 - 121 | Percent |
| Y4ZC4 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 95 | 65 - 131 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1,2,2-Tetrachloroethane | 99 | 73 - 125 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 84 | 55 - 104 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 94 | 80 - 131 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloroethane-d4 | 99 | 78 - 129 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 94 | 79 - 124 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 94 | 49 - 155 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 89 | 28 - 135 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 103 | 77 - 124 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 109 | 71 - 131 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 107 | 78 - 121 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 100 | 77 - 121 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 98 | 73 - 121 | Percent |
| Y4ZC5 | 3-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 100 | 65 - 131 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | 2,4-Dichlorophenol-d3 | 68 | 37 - 105 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | 2-Chlorophenol-d4 | 67 | 41 - 106 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | 2-Nitrophenol-d4 | 69 | 40 - 108 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | 4,6-Dinitro-2-methylpheno | 57 | 22 - 104 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | 4-Chloroaniline-d4 | 3 | 1 - 145 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | 4-Methylphenol-d8 | 63 | 25 - 111 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | 4-Nitrophenol-d4 | **2** | 33 - 116 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Acenaphthylene-d8 | 74 | 41 - 107 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Anthracene-d10 | 86 | 44 - 110 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Benzo(a)pyrene-d12 | **0** | 32 - 121 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Bis(2-chloroethyl)ether-d | 59 | 40 - 105 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Dimethylphthalate-d6 | 91 | 47 - 114 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Fluorene-d10 | 89 | 42 - 111 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Nitrobenzene-d5 | 61 | 43 - 108 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Phenol-d5 | 67 | 39 - 106 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 CSVOL | Pyrene-d10 | 82 | 52 - 119 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 SIMSVOL | 2-Methylnaphthalene-d10 | 80 | 50 - 150 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 SIMSVOL | Fluoranthene-d10 | 84 | 50 - 150 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 88 | 73 - 125 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 89 | 78 - 129 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 83 | 55 - 104 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 98 | 79 - 124 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 77 | 49 - 155 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 67 | 28 - 135 | Percent |

**TABLE G-5**
Surrogate Summary
*Omega Chemical Corporation Superfund Site*

| FieldID | Sample Date | QAQC Type | Analysis Method | Analyte | Result | Acceptance Criteria | Units |
|---|---|---|---|---|---|---|---|
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 99 | 77 - 124 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 119 | 71 - 131 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 96 | 78 - 121 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 98 | 77 - 121 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 100 | 73 - 121 | Percent |
| Y5129 | 15-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 100 | 65 - 131 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | 2,4-Dichlorophenol-d3 | 76 | 37 - 105 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | 2-Chlorophenol-d4 | 77 | 41 - 106 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | 2-Nitrophenol-d4 | 82 | 40 - 108 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | 4,6-Dinitro-2-methylpheno | 63 | 22 - 104 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | 4-Chloroaniline-d4 | 2 | 1 - 145 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | 4-Methylphenol-d8 | 67 | 25 - 111 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | 4-Nitrophenol-d4 | 100 | 33 - 116 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Acenaphthylene-d8 | 73 | 41 - 107 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Anthracene-d10 | 75 | 44 - 110 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Benzo(a)pyrene-d12 | **0** | 32 - 121 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Bis(2-chloroethyl)ether-d | 71 | 40 - 105 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Dimethylphthalate-d6 | 83 | 47 - 114 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Fluorene-d10 | 90 | 42 - 111 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Nitrobenzene-d5 | 77 | 43 - 108 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Phenol-d5 | 77 | 39 - 106 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 CSVOL | Pyrene-d10 | 69 | 52 - 119 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 SIMSVOL | 2-Methylnaphthalene-d10 | 89 | 50 - 150 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 SIMSVOL | Fluoranthene-d10 | 110 | 50 - 150 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 SIMVOL | 1,1,2,2-Tetrachloroethane | 79 | 73 - 125 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 SIMVOL | 1,2-Dichloroethane-d4 | 97 | 78 - 129 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | 1,1-Dichloroethene-d2 | 78 | 55 - 104 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichlorobenzene-d4 | 93 | 80 - 131 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | 1,2-Dichloropropane-d6 | 95 | 79 - 124 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | 2-Butanone-d5 | 91 | 49 - 155 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | 2-Hexanone-d5 | 80 | 28 - 135 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | Benzene-d6 | 93 | 77 - 124 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | Chloroethane-d5 | 110 | 71 - 131 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | Chloroform-d | 94 | 78 - 121 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | Toluene-d8 | 94 | 77 - 121 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | trans-1,3-Dichloropropene | 100 | 73 - 121 | Percent |
| Y5130 | 15-Sep-09 | N | SOM01.2 TVOL | Vinyl chloride-d3 | 95 | 65 - 131 | Percent |

**TABLE _NOT TO BE INCLUDED_in report___**

Laboratory Control and Duplicate Summary

*Omega*

| FieldID | Analysis Method | Analyte | RL | MDL | Units | Expected Value | Result | Recovery | Acceptance Criteria |
|---|---|---|---|---|---|---|---|---|---|
| LCS Data is unavailable electronically at this time. | | | | | | | | | |

**TABLE __NOT TO BE INCLUDED in report___**

Matrix Spike/Matrix Spike Duplicate Summary

*Omega*

| Sample ID | Analysis Method | Analyte | MS Recovery | SD Recovery | RPD | Acceptance Criteria | RPD Criteria |
|---|---|---|---|---|---|---|---|
| MS/MSD Data is unavailable electronically at this time. | | | | | | | |