CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

**Matrix Spike/Matrix Spike Duplicate Summary**
**SW-846**

**SDG No.:** O3645

**Client:** LaBella Associates P.C.

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: O3645-09MS** | | **Client Sample ID: SB-04-(1-5)MS** | | | | | | **DataFile: BM041174.D** | | | |
| Benzaldehyde | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 26 | 163 | |
| Phenol | 1800 | 0 | 1800 | ug/Kg | 100 | | | | 67 | 126 | |
| bis(2-Chloroethyl)ether | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 74 | 116 | |
| 2-Chlorophenol | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 61 | 138 | |
| 2-Methylphenol | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 66 | 122 | |
| 2,2-oxybis(1-Chloropropane) | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 52 | 115 | |
| Acetophenone | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 75 | 111 | |
| 3+4-Methylphenols | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 53 | 132 | |
| N-Nitroso-di-n-propylamine | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 59 | 119 | |
| Hexachloroethane | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 65 | 117 | |
| Nitrobenzene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 70 | 119 | |
| Isophorone | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 76 | 122 | |
| 2-Nitrophenol | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 54 | 145 | |
| 2,4-Dimethylphenol | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 83 | 144 | |
| bis(2-Chloroethoxy)methane | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 68 | 112 | |
| 2,4-Dichlorophenol | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 72 | 118 | |
| Naphthalene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 72 | 110 | |
| 4-Chloroaniline | 1800 | 0 | 1400 | ug/Kg | 78 | | | | 10 | 100 | |
| Hexachlorobutadiene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 66 | 114 | |
| Caprolactam | 1800 | 0 | 1800 | ug/Kg | 100 | | | | 51 | 134 | |
| 4-Chloro-3-methylphenol | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 57 | 132 | |
| 2-Methylnaphthalene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 59 | 123 | |
| Hexachlorocyclopentadiene | 3600 | 0 | 3400 | ug/Kg | 94 | | | | 10 | 175 | |
| 2,4,6-Trichlorophenol | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 72 | 117 | |
| 2,4,5-Trichlorophenol | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 72 | 117 | |
| 1,1-Biphenyl | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 75 | 113 | |
| 2-Chloronaphthalene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 67 | 118 | |
| 2-Nitroaniline | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 69 | 127 | |
| Dimethylphthalate | 1800 | 150 | 1800 | ug/Kg | 92 | | | | 70 | 113 | |
| Acenaphthylene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 79 | 118 | |
| 2,6-Dinitrotoluene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 70 | 125 | |
| 3-Nitroaniline | 1800 | 0 | 1500 | ug/Kg | 83 | | | | 20 | 111 | |
| Acenaphthene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 70 | 121 | |
| 2,4-Dinitrophenol | 3600 | 0 | 3000 | ug/Kg | 83 | | | | 16 | 160 | |
| 4-Nitrophenol | 3600 | 0 | 4100 | ug/Kg | 114 | | | | 45 | 133 | |
| Dibenzofuran | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 72 | 110 | |
| 2,4-Dinitrotoluene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 55 | 128 | |
| Diethylphthalate | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 70 | 112 | |
| 4-Chlorophenyl-phenylether | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 71 | 108 | |
| Fluorene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 68 | 116 | |
| 4-Nitroaniline | 1800 | 0 | 1500 | ug/Kg | 83 | | | | 55 | 120 | |
| 4,6-Dinitro-2-methylphenol | 1800 | 0 | 1500 | ug/Kg | 83 | | | | 32 | 145 | |
| N-Nitrosodiphenylamine | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 73 | 118 | |
| 4-Bromophenyl-phenylether | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 65 | 121 | |
| Hexachlorobenzene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 67 | 118 | |
| Atrazine | 1800 | 0 | 2100 | ug/Kg | 117 | | | | 79 | 127 | |
| Pentachlorophenol | 3600 | 0 | 3300 | ug/Kg | 92 | | | | 47 | 128 | |

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**SDG No.:** O3645

**Client:** LaBella Associates P.C.

**Analytical Method:** SW8270E

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Phenanthrene | 1800 | 120 | 1700 | ug/Kg | 88 | | | | 72 | 113 | |
| Anthracene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 62 | 124 | |
| Carbazole | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 59 | 119 | |
| Di-n-butylphthalate | 1800 | 0 | 1800 | ug/Kg | 100 | | | | 69 | 118 | |
| Fluoranthene | 1800 | 150 | 1900 | ug/Kg | 97 | | | | 59 | 125 | |
| Pyrene | 1800 | 140 | 1800 | ug/Kg | 93 | | | | 52 | 128 | |
| Butylbenzylphthalate | 1800 | 0 | 1900 | ug/Kg | 106 | | | | 64 | 126 | |
| 3,3-Dichlorobenzidine | 1800 | 0 | 1900 | ug/Kg | 106 | | | | 10 | 164 | |
| Benzo(a)anthracene | 1800 | 0 | 1800 | ug/Kg | 100 | | | | 71 | 114 | |
| Chrysene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 57 | 121 | |
| bis(2-Ethylhexyl)phthalate | 1800 | 0 | 1800 | ug/Kg | 100 | | | | 66 | 127 | |
| Di-n-octyl phthalate | 1800 | 0 | 1900 | ug/Kg | 106 | | | | 71 | 126 | |
| Benzo(b)fluoranthene | 1800 | 130 | 1900 | ug/Kg | 99 | | | | 67 | 121 | |
| Benzo(k)fluoranthene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 74 | 114 | |
| Benzo(a)pyrene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 70 | 142 | |
| Indeno(1,2,3-cd)pyrene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 61 | 125 | |
| Dibenz(a,h)anthracene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 67 | 130 | |
| Benzo(g,h,i)perylene | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 53 | 140 | |
| 1,2,4,5-Tetrachlorobenzene | 1800 | 0 | 1600 | ug/Kg | 89 | | | | 69 | 124 | |
| 1,4-Dioxane | 1800 | 0 | 1300 | ug/Kg | 72 | | | | 46 | 112 | |
| 2,3,4,6-Tetrachlorophenol | 1800 | 0 | 1700 | ug/Kg | 94 | | | | 56 | 133 | |