

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103036.D
 Acq On : 16 Feb 2018 00:37
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Feb 16 04:50:06 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 79 | 0.00 |
| 2 | 1,4-Dioxane | 40.000 | 40.368 | -0.9 | 78 | -0.04 |
| 3 | Pyridine | 40.000 | 40.832 | -2.1 | 78 | -0.02 |
| 4 | n-Nitrosodimethylamine | 40.000 | 37.960 | 5.1 | 73 | -0.04 |
| 5 S | 2-Fluorophenol | 80.000 | 79.695 | 0.4 | 79 | 0.00 |
| 6 | Aniline | 40.000 | 38.907 | 2.7 | 77 | 0.00 |
| 7 S | Phenol-d6 | 80.000 | 79.308 | 0.9 | 79 | 0.00 |
| 8 | 2-Chlorophenol | 40.000 | 40.355 | -0.9 | 79 | 0.00 |
| 9 | Benzaldehyde | 40.000 | 34.819 | 13.0 | 68 | 0.00 |
| 10 C | Phenol | 40.000 | 43.317 | -8.3 | 87 | 0.00 |
| 11 | bis(2-Chloroethyl)ether | 40.000 | 39.503 | 1.2 | 78 | 0.00 |
| 12 | 1,3-Dichlorobenzene | 40.000 | 38.982 | 2.5 | 77 | 0.00 |
| 13 C | 1,4-Dichlorobenzene | 40.000 | 39.817 | 0.5 | 79 | 0.00 |
| 14 | 1,2-Dichlorobenzene | 40.000 | 39.395 | 1.5 | 78 | 0.00 |
| 15 | Benzyl Alcohol | 40.000 | 39.548 | 1.1 | 76 | 0.00 |
| 16 | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.029 | 9.9 | 70 | 0.00 |
| 17 | 2-Methylphenol | 40.000 | 38.930 | 2.7 | 77 | 0.00 |
| 18 | Hexachloroethane | 40.000 | 32.718 | 18.2 | 63 | 0.00 |
| 19 P | n-Nitroso-di-n-propylamine | 40.000 | 36.427 | 8.9 | 74 | 0.00 |
| 20 | 3+4-Methylphenols | 40.000 | 37.165 | 7.1 | 72 | 0.00 |
| 21 I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 79 | 0.00 |
| 22 | Acetophenone | 40.000 | 36.394 | 9.0 | 74 | 0.00 |
| 23 S | Nitrobenzene-d5 | 80.000 | 90.431 | -13.0 | 85 | 0.00 |
| 24 | Nitrobenzene | 40.000 | 42.597 | -6.5 | 82 | 0.00 |
| 25 | Isophorone | 40.000 | 37.302 | 6.7 | 75 | 0.00 |
| 26 C | 2-Nitrophenol | 40.000 | 36.015 | 10.0 | 74 | 0.00 |
| 27 | 2,4-Dimethylphenol | 40.000 | 36.893 | 7.8 | 72 | 0.00 |
| 28 | bis(2-Chloroethoxy)methane | 40.000 | 39.092 | 2.3 | 78 | 0.00 |
| 29 C | 2,4-Dichlorophenol | 40.000 | 38.902 | 2.7 | 74 | 0.00 |
| 30 | 1,2,4-Trichlorobenzene | 40.000 | 38.338 | 4.2 | 77 | 0.00 |
| 31 | Naphthalene | 40.000 | 38.137 | 4.7 | 76 | 0.00 |
| 32 | Benzoic acid | 40.000 | 30.706 | 23.2 | 56 | -0.04 |
| 33 | 4-Chloroaniline | 40.000 | 38.667 | 3.3 | 77 | 0.00 |
| 34 C | Hexachlorobutadiene | 40.000 | 38.056 | 4.9 | 75 | 0.00 |
| 35 | Caprolactam | 40.000 | 38.631 | 3.4 | 74 | -0.01 |
| 36 C | 4-Chloro-3-methylphenol | 40.000 | 38.249 | 4.4 | 74 | 0.00 |
| 37 | 2-Methylnaphthalene | 40.000 | 37.811 | 5.5 | 76 | 0.00 |
| 38 I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 75 | 0.00 |
| 39 | 1,2,4,5-Tetrachlorobenzene | 40.000 | 41.084 | -2.7 | 78 | 0.00 |
| 40 P | Hexachlorocyclopentadiene | 40.000 | 2.898 | 92.8# | 5 | 0.00 |
| 41 S | 2,4,6-Tribromophenol | 80.000 | 72.657 | 9.2 | 64 | 0.00 |
| 42 C | 2,4,6-Trichlorophenol | 40.000 | 38.557 | 3.6 | 69 | 0.00 |
| 43 | 2,4,5-Trichlorophenol | 40.000 | 37.651 | 5.9 | 66 | 0.00 |
| 44 S | 2-Fluorobiphenyl | 80.000 | 80.214 | -0.3 | 74 | 0.00 |

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|------|----------------------------|--------|--------|--------|-------|----------|
| 45 | 1,1'-Biphenyl | 40.000 | 39.367 | 1.6 | 75 | 0.00 |
| 46 | 2-Chloronaphthalene | 40.000 | 39.824 | 0.4 | 75 | 0.00 |
| 47 | 2-Nitroaniline | 40.000 | 49.134 | -22.8 | 94 | 0.00 |
| 48 | Acenaphthylene | 40.000 | 38.322 | 4.2 | 73 | 0.00 |
| 49 | Dimethylphthalate | 40.000 | 39.951 | 0.1 | 76 | 0.00 |
| 50 | 2,6-Dinitrotoluene | 40.000 | 39.927 | 0.2 | 71 | 0.00 |
| 51 C | Acenaphthene | 40.000 | 36.919 | 7.7 | 71 | 0.00 |
| 52 | 3-Nitroaniline | 40.000 | 49.599 | -24.0 | 89 | 0.00 |
| 53 P | 2,4-Dinitrophenol | 40.000 | 11.606 | 71.0# | 7 | 0.00 |
| 54 | Dibenzofuran | 40.000 | 38.382 | 4.0 | 73 | 0.00 |
| 55 P | 4-Nitrophenol | 40.000 | 28.712 | 28.2# | 52 | 0.00 |
| 56 | 2,4-Dinitrotoluene | 40.000 | 37.001 | 7.5 | 69 | 0.00 |
| 57 | Fluorene | 40.000 | 39.255 | 1.9 | 73 | 0.00 |
| 58 | 2,3,4,6-Tetrachlorophenol | 40.000 | 32.846 | 17.9 | 59 | 0.00 |
| 59 | Diethylphthalate | 40.000 | 38.605 | 3.5 | 73 | 0.00 |
| 60 | 4-Chlorophenyl-phenylether | 40.000 | 41.283 | -3.2 | 77 | 0.00 |
| 61 | 4-Nitroaniline | 40.000 | 48.202 | -20.5 | 88 | 0.00 |
| 62 | Azobenzene | 40.000 | 37.267 | 6.8 | 71 | 0.00 |
| 63 I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 66 | 0.00 |
| 64 | 4,6-Dinitro-2-methylphenol | 40.000 | 13.749 | 65.6# | 10 | 0.00 |
| 65 c | n-Nitrosodiphenylamine | 40.000 | 43.263 | -8.2 | 72 | 0.00 |
| 66 | 4-Bromophenyl-phenylether | 40.000 | 42.668 | -6.7 | 71 | 0.00 |
| 67 | Hexachlorobenzene | 40.000 | 40.207 | -0.5 | 67 | 0.00 |
| 68 | Atrazine | 40.000 | 41.000 | -2.5 | 66 | 0.00 |
| 69 C | Pentachlorophenol | 40.000 | 25.477 | 36.3# | 40 | 0.00 |
| 70 | Phenanthrene | 40.000 | 37.932 | 5.2 | 64 | 0.00 |
| 71 | Anthracene | 40.000 | 38.621 | 3.4 | 65 | 0.00 |
| 72 | Carbazole | 40.000 | 37.559 | 6.1 | 63 | 0.00 |
| 73 | Di-n-butylphthalate | 40.000 | 43.469 | -8.7 | 71 | 0.00 |
| 74 C | Fluoranthene | 40.000 | 34.596 | 13.5 | 58 | 0.00 |
| 75 I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 64 | 0.00 |
| 76 | Benzidine | 40.000 | 30.224 | 24.4 | 45 | 0.00 |
| 77 | Pyrene | 40.000 | 36.257 | 9.4 | 58 | 0.00 |
| 78 S | Terphenyl-d14 | 80.000 | 75.639 | 5.5 | 62 | 0.00 |
| 79 | Butylbenzylphthalate | 40.000 | 41.669 | -4.2 | 66 | 0.00 |
| 80 | Benzo(a)anthracene | 40.000 | 39.546 | 1.1 | 65 | 0.00 |
| 81 | 3,3'-Dichlorobenzidine | 40.000 | 40.241 | -0.6 | 62 | 0.00 |
| 82 | Chrysene | 40.000 | 37.878 | 5.3 | 62 | 0.00 |
| 83 | Bis(2-ethylhexyl)phthalate | 40.000 | 46.374 | -15.9 | 73 | 0.00 |
| 84 c | Di-n-octyl phthalate | 40.000 | 48.576 | -21.4# | 75 | 0.00 |
| 85 | Indeno(1,2,3-cd)pyrene | 40.000 | 35.108 | 12.2 | 61 | 0.00 |
| 86 I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 65 | 0.00 |
| 87 | Benzo(b)fluoranthene | 40.000 | 41.047 | -2.6 | 66 | 0.00 |

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|------|------------------------|--------|--------|------|-------|----------|
| 88 | Benzo(k)fluoranthene | 40.000 | 38.076 | 4.8 | 61 | 0.00 |
| 89 C | Benzo(a)pyrene | 40.000 | 38.743 | 3.1 | 63 | 0.00 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 37.191 | 7.0 | 61 | 0.00 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 36.626 | 8.4 | 61 | 0.00 |

(#) = Out of Range

SPCC's out = 0 CCC's out = 2