

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102324\
 Data File : BM048208.D
 Acq On : 23 Oct 2024 17:46
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM102324

Quant Time: Oct 23 18:24:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 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 | 112 | 0.00 |
| 2 | 1,4-Dioxane | 40.000 | 39.945 | 0.1 | 108 | 0.00 |
| 3 | Pyridine | 40.000 | 40.973 | -2.4 | 111 | 0.00 |
| 4 | n-Nitrosodimethylamine | 40.000 | 40.338 | -0.8 | 108 | 0.00 |
| 5 S | 2-Fluorophenol | 80.000 | 82.401 | -3.0 | 113 | 0.00 |
| 6 | Aniline | 40.000 | 43.503 | -8.8 | 113 | 0.00 |
| 7 S | Phenol-d6 | 80.000 | 82.954 | -3.7 | 113 | 0.00 |
| 8 | 2-Chlorophenol | 40.000 | 41.149 | -2.9 | 112 | 0.00 |
| 9 | Benzaldehyde | 40.000 | 41.579 | -3.9 | 116 | 0.00 |
| 10 C | Phenol | 40.000 | 41.460 | -3.7 | 113 | 0.00 |
| 11 | bis(2-Chloroethyl)ether | 40.000 | 40.903 | -2.3 | 111 | 0.00 |
| 12 | 1,3-Dichlorobenzene | 40.000 | 40.347 | -0.9 | 111 | 0.00 |
| 13 C | 1,4-Dichlorobenzene | 40.000 | 40.653 | -1.6 | 113 | 0.00 |
| 14 | 1,2-Dichlorobenzene | 40.000 | 40.244 | -0.6 | 111 | 0.00 |
| 15 | Benzyl Alcohol | 40.000 | 42.221 | -5.6 | 112 | 0.00 |
| 16 | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.805 | 0.5 | 110 | 0.00 |
| 17 | 2-Methylphenol | 40.000 | 42.135 | -5.3 | 114 | 0.00 |
| 18 | Hexachloroethane | 40.000 | 39.627 | 0.9 | 109 | 0.00 |
| 19 P | n-Nitroso-di-n-propylamine | 40.000 | 41.253 | -3.1 | 112 | 0.00 |
| 20 | 3+4-Methylphenols | 40.000 | 42.469 | -6.2 | 112 | 0.00 |
| 21 I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 113 | 0.00 |
| 22 | Acetophenone | 40.000 | 41.085 | -2.7 | 113 | 0.00 |
| 23 S | Nitrobenzene-d5 | 80.000 | 82.156 | -2.7 | 112 | 0.00 |
| 24 | Nitrobenzene | 40.000 | 41.202 | -3.0 | 113 | 0.00 |
| 25 | Isophorone | 40.000 | 41.856 | -4.6 | 114 | 0.00 |
| 26 C | 2-Nitrophenol | 40.000 | 42.964 | -7.4 | 114 | 0.00 |
| 27 | 2,4-Dimethylphenol | 40.000 | 42.323 | -5.8 | 114 | 0.00 |
| 28 | bis(2-Chloroethoxy)methane | 40.000 | 41.401 | -3.5 | 112 | 0.00 |
| 29 C | 2,4-Dichlorophenol | 40.000 | 42.403 | -6.0 | 114 | 0.00 |
| 30 | 1,2,4-Trichlorobenzene | 40.000 | 40.422 | -1.1 | 112 | 0.00 |
| 31 | Naphthalene | 40.000 | 40.790 | -2.0 | 113 | 0.00 |
| 32 | Benzoic acid | 40.000 | 45.048 | -12.6 | 117 | 0.00 |
| 33 | 4-Chloroaniline | 40.000 | 44.536 | -11.3 | 113 | 0.00 |
| 34 C | Hexachlorobutadiene | 40.000 | 40.200 | -0.5 | 112 | 0.00 |
| 35 | Caprolactam | 40.000 | 44.661 | -11.7 | 117 | 0.00 |
| 36 C | 4-Chloro-3-methylphenol | 40.000 | 42.954 | -7.4 | 116 | 0.00 |
| 37 | 2-Methylnaphthalene | 40.000 | 40.999 | -2.5 | 113 | 0.00 |
| 38 | 1-Methylnaphthalene | 40.000 | 41.192 | -3.0 | 113 | 0.00 |
| 39 I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 114 | 0.00 |
| 40 | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.942 | 0.1 | 113 | 0.00 |
| 41 P | Hexachlorocyclopentadiene | 40.000 | 39.553 | 1.1 | 108 | 0.00 |
| 42 S | 2,4,6-Tribromophenol | 80.000 | 86.036 | -7.5 | 116 | 0.00 |
| 43 C | 2,4,6-Trichlorophenol | 40.000 | 41.519 | -3.8 | 114 | 0.00 |
| 44 | 2,4,5-Trichlorophenol | 40.000 | 42.345 | -5.9 | 116 | 0.00 |
| 45 S | 2-Fluorobiphenyl | 80.000 | 80.513 | -0.6 | 112 | 0.00 |
| 46 | 1,1'-Biphenyl | 40.000 | 40.549 | -1.4 | 114 | 0.00 |
| 47 | 2-Chloronaphthalene | 40.000 | 40.220 | -0.5 | 113 | 0.00 |

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| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48 | 2-Nitroaniline | 40.000 | 43.851 | -9.6 | 116 | 0.00 |
| 49 | Acenaphthylene | 40.000 | 41.532 | -3.8 | 115 | 0.00 |
| 50 | Dimethylphthalate | 40.000 | 41.360 | -3.4 | 115 | 0.00 |
| 51 | 2,6-Dinitrotoluene | 40.000 | 43.266 | -8.2 | 117 | 0.00 |
| 52 C | Acenaphthene | 40.000 | 40.748 | -1.9 | 114 | 0.00 |
| 53 | 3-Nitroaniline | 40.000 | 46.854 | -17.1 | 120 | 0.00 |
| 54 P | 2,4-Dinitrophenol | 40.000 | 43.448 | -8.6 | 118 | 0.00 |
| 55 | Dibenzofuran | 40.000 | 40.907 | -2.3 | 114 | 0.00 |
| 56 P | 4-Nitrophenol | 40.000 | 45.193 | -13.0 | 120 | 0.00 |
| 57 | 2,4-Dinitrotoluene | 40.000 | 44.531 | -11.3 | 117 | 0.00 |
| 58 | Fluorene | 40.000 | 41.239 | -3.1 | 114 | 0.00 |
| 59 | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.671 | -6.7 | 116 | 0.00 |
| 60 | Diethylphthalate | 40.000 | 42.183 | -5.5 | 117 | 0.00 |
| 61 | 4-Chlorophenyl-phenylether | 40.000 | 41.120 | -2.8 | 115 | 0.00 |
| 62 | 4-Nitroaniline | 40.000 | 47.619 | -19.0 | 119 | 0.00 |
| 63 | Azobenzene | 40.000 | 42.033 | -5.1 | 113 | 0.00 |
| 64 I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 118 | 0.00 |
| 65 | 4,6-Dinitro-2-methylphenol | 40.000 | 43.670 | -9.2 | 115 | 0.00 |
| 66 c | n-Nitrosodiphenylamine | 40.000 | 40.148 | -0.4 | 114 | 0.00 |
| 67 | 4-Bromophenyl-phenylether | 40.000 | 40.179 | -0.4 | 115 | 0.00 |
| 68 | Hexachlorobenzene | 40.000 | 40.178 | -0.4 | 115 | 0.00 |
| 69 | Atrazine | 40.000 | 49.108 | -22.8 | 119 | 0.00 |
| 70 C | Pentachlorophenol | 40.000 | 43.445 | -8.6 | 119 | 0.00 |
| 71 | Phenanthrene | 40.000 | 40.615 | -1.5 | 116 | 0.00 |
| 72 | Anthracene | 40.000 | 41.275 | -3.2 | 117 | 0.00 |
| 73 | Carbazole | 40.000 | 42.204 | -5.5 | 117 | 0.00 |
| 74 | Di-n-butylphthalate | 40.000 | 42.401 | -6.0 | 118 | 0.00 |
| 75 C | Fluoranthene | 40.000 | 41.189 | -3.0 | 117 | 0.00 |
| 76 I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 118 | 0.00 |
| 77 | Benzidine | 40.000 | 40.617 | -1.5 | 81 | 0.00 |
| 78 | Pyrene | 40.000 | 40.650 | -1.6 | 118 | 0.00 |
| 79 S | Terphenyl-d14 | 80.000 | 81.390 | -1.7 | 117 | 0.00 |
| 80 | Butylbenzylphthalate | 40.000 | 42.969 | -7.4 | 121 | 0.00 |
| 81 | Benzo(a)anthracene | 40.000 | 40.829 | -2.1 | 119 | 0.00 |
| 82 | 3,3'-Dichlorobenzidine | 40.000 | 42.007 | -5.0 | 115 | 0.00 |
| 83 | Chrysene | 40.000 | 40.707 | -1.8 | 119 | 0.00 |
| 84 | Bis(2-ethylhexyl)phthalate | 40.000 | 43.186 | -8.0 | 120 | 0.00 |
| 85 c | Di-n-octyl phthalate | 40.000 | 43.588 | -9.0 | 122 | 0.00 |
| 86 I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 122 | 0.00 |
| 87 | Indeno(1,2,3-cd)pyrene | 40.000 | 41.250 | -3.1 | 121 | 0.00 |
| 88 | Benzo(b)fluoranthene | 40.000 | 41.010 | -2.5 | 121 | 0.00 |
| 89 | Benzo(k)fluoranthene | 40.000 | 40.410 | -1.0 | 119 | 0.00 |
| 90 C | Benzo(a)pyrene | 40.000 | 41.334 | -3.3 | 121 | 0.00 |
| 91 | Dibenzo(a,h)anthracene | 40.000 | 41.249 | -3.1 | 120 | 0.00 |
| 92 | Benzo(g,h,i)perylene | 40.000 | 40.968 | -2.4 | 121 | 0.00 |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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