

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120825\
 Data File : BP026256.D
 Acq On : 08 Dec 2025 17:49
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 08 18:09:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 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 | 76 | 0.00 |
| 2 | 1,4-Dioxane | 40.000 | 43.243 | -8.1 | 85 | 0.00 |
| 3 | Pyridine | 40.000 | 39.813 | 0.5 | 79 | 0.00 |
| 4 | n-Nitrosodimethylamine | 40.000 | 40.369 | -0.9 | 81 | 0.00 |
| 5 S | 2-Fluorophenol | 80.000 | 80.946 | -1.2 | 78 | 0.00 |
| 6 | Aniline | 40.000 | 37.467 | 6.3 | 78 | 0.00 |
| 7 S | Phenol-d6 | 80.000 | 77.318 | 3.4 | 77 | 0.00 |
| 8 | 2-Chlorophenol | 40.000 | 40.015 | -0.0 | 77 | 0.00 |
| 9 | Benzaldehyde | 40.000 | 50.014 | -25.0# | 80 | 0.00 |
| 10 C | Phenol | 40.000 | 38.246 | 4.4 | 77 | 0.00 |
| 11 | bis(2-Chloroethyl)ether | 40.000 | 38.299 | 4.3 | 76 | 0.00 |
| 12 | 1,3-Dichlorobenzene | 40.000 | 41.666 | -4.2 | 79 | 0.00 |
| 13 C | 1,4-Dichlorobenzene | 40.000 | 41.613 | -4.0 | 79 | 0.00 |
| 14 | 1,2-Dichlorobenzene | 40.000 | 40.935 | -2.3 | 78 | 0.00 |
| 15 | Benzyl Alcohol | 40.000 | 38.937 | 2.7 | 80 | 0.00 |
| 16 | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.667 | 3.3 | 80 | 0.00 |
| 17 | 2-Methylphenol | 40.000 | 38.700 | 3.2 | 79 | 0.00 |
| 18 | Hexachloroethane | 40.000 | 42.821 | -7.1 | 81 | 0.00 |
| 19 P | n-Nitroso-di-n-propylamine | 40.000 | 38.404 | 4.0 | 80 | 0.00 |
| 20 | 3+4-Methylphenols | 40.000 | 37.930 | 5.2 | 79 | 0.00 |
| 21 I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 75 | 0.00 |
| 22 | Acetophenone | 40.000 | 41.165 | -2.9 | 79 | 0.00 |
| 23 S | Nitrobenzene-d5 | 80.000 | 84.573 | -5.7 | 80 | 0.00 |
| 24 | Nitrobenzene | 40.000 | 41.833 | -4.6 | 79 | 0.00 |
| 25 | Isophorone | 40.000 | 41.749 | -4.4 | 83 | 0.00 |
| 26 C | 2-Nitrophenol | 40.000 | 43.722 | -9.3 | 80 | 0.00 |
| 27 | 2,4-Dimethylphenol | 40.000 | 39.570 | 1.1 | 85 | 0.00 |
| 28 | bis(2-Chloroethoxy)methane | 40.000 | 40.558 | -1.4 | 80 | 0.00 |
| 29 C | 2,4-Dichlorophenol | 40.000 | 42.422 | -6.1 | 79 | 0.00 |
| 30 | 1,2,4-Trichlorobenzene | 40.000 | 43.524 | -8.8 | 79 | 0.00 |
| 31 | Naphthalene | 40.000 | 41.598 | -4.0 | 79 | 0.00 |
| 32 | Benzoic acid | 40.000 | 49.354 | -23.4 | 146 | 0.03 |
| 33 | 4-Chloroaniline | 40.000 | 40.518 | -1.3 | 81 | 0.00 |
| 34 C | Hexachlorobutadiene | 40.000 | 44.636 | -11.6 | 79 | 0.00 |
| 35 | Caprolactam | 40.000 | 40.650 | -1.6 | 82 | 0.00 |
| 36 C | 4-Chloro-3-methylphenol | 40.000 | 41.741 | -4.4 | 83 | 0.00 |
| 37 | 2-Methylnaphthalene | 40.000 | 41.574 | -3.9 | 80 | 0.00 |
| 38 | 1-Methylnaphthalene | 40.000 | 42.238 | -5.6 | 81 | 0.00 |
| 39 I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 79 | -0.01 |
| 40 | 1,2,4,5-Tetrachlorobenzene | 40.000 | 42.780 | -7.0 | 81 | 0.00 |
| 41 P | Hexachlorocyclopentadiene | 40.000 | 43.202 | -8.0 | 106 | 0.00 |
| 42 S | 2,4,6-Tribromophenol | 80.000 | 88.251 | -10.3 | 84 | 0.00 |
| 43 C | 2,4,6-Trichlorophenol | 40.000 | 42.945 | -7.4 | 83 | 0.00 |
| 44 | 2,4,5-Trichlorophenol | 40.000 | 42.718 | -6.8 | 84 | 0.00 |
| 45 S | 2-Fluorobiphenyl | 80.000 | 86.067 | -7.6 | 82 | 0.00 |
| 46 | 1,1'-Biphenyl | 40.000 | 41.211 | -3.0 | 81 | 0.00 |
| 47 | 2-Chloronaphthalene | 40.000 | 41.538 | -3.8 | 80 | 0.00 |

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| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48 | 2-Nitroaniline | 40.000 | 42.032 | -5.1 | 86 | 0.00 |
| 49 | Acenaphthylene | 40.000 | 41.886 | -4.7 | 83 | 0.00 |
| 50 | Dimethylphthalate | 40.000 | 42.234 | -5.6 | 84 | 0.00 |
| 51 | 2,6-Dinitrotoluene | 40.000 | 44.047 | -10.1 | 84 | 0.00 |
| 52 C | Acenaphthene | 40.000 | 40.916 | -2.3 | 82 | 0.00 |
| 53 | 3-Nitroaniline | 40.000 | 40.033 | -0.1 | 82 | -0.01 |
| 54 P | 2,4-Dinitrophenol | 40.000 | 52.634 | -31.6# | 291 | 0.00 |
| 55 | Dibenzofuran | 40.000 | 42.053 | -5.1 | 82 | 0.00 |
| 56 P | 4-Nitrophenol | 40.000 | 37.656 | 5.9 | 85 | 0.00 |
| 57 | 2,4-Dinitrotoluene | 40.000 | 42.834 | -7.1 | 84 | 0.00 |
| 58 | Fluorene | 40.000 | 42.553 | -6.4 | 84 | -0.01 |
| 59 | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.605 | -6.5 | 84 | -0.02 |
| 60 | Diethylphthalate | 40.000 | 42.026 | -5.1 | 85 | 0.00 |
| 61 | 4-Chlorophenyl-phenylether | 40.000 | 42.749 | -6.9 | 82 | 0.00 |
| 62 | 4-Nitroaniline | 40.000 | 37.907 | 5.2 | 80 | 0.00 |
| 63 | Azobenzene | 40.000 | 41.276 | -3.2 | 85 | -0.01 |
| 64 I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 79 | 0.00 |
| 65 | 4,6-Dinitro-2-methylphenol | 40.000 | 48.215 | -20.5 | 139 | 0.00 |
| 66 c | n-Nitrosodiphenylamine | 40.000 | 42.273 | -5.7 | 83 | -0.01 |
| 67 | 4-Bromophenyl-phenylether | 40.000 | 43.984 | -10.0 | 83 | -0.02 |
| 68 | Hexachlorobenzene | 40.000 | 44.519 | -11.3 | 84 | 0.00 |
| 69 | Atrazine | 40.000 | 42.622 | -6.6 | 84 | -0.01 |
| 70 C | Pentachlorophenol | 40.000 | 43.162 | -7.9 | 86 | 0.00 |
| 71 | Phenanthrene | 40.000 | 41.686 | -4.2 | 82 | 0.00 |
| 72 | Anthracene | 40.000 | 42.079 | -5.2 | 82 | -0.01 |
| 73 | Carbazole | 40.000 | 40.502 | -1.3 | 81 | 0.00 |
| 74 | Di-n-butylphthalate | 40.000 | 43.907 | -9.8 | 86 | -0.01 |
| 75 C | Fluoranthene | 40.000 | 42.279 | -5.7 | 82 | 0.00 |
| 76 I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 75 | 0.00 |
| 77 | Benzidine | 40.000 | 38.599 | 3.5 | 79 | -0.02 |
| 78 | Pyrene | 40.000 | 42.391 | -6.0 | 81 | -0.01 |
| 79 S | Terphenyl-d14 | 80.000 | 88.811 | -11.0 | 83 | -0.01 |
| 80 | Butylbenzylphthalate | 40.000 | 43.045 | -7.6 | 82 | 0.00 |
| 81 | Benzo(a)anthracene | 40.000 | 40.921 | -2.3 | 77 | 0.00 |
| 82 | 3,3'-Dichlorobenzidine | 40.000 | 41.223 | -3.1 | 77 | -0.02 |
| 83 | Chrysene | 40.000 | 41.954 | -4.9 | 77 | 0.00 |
| 84 | Bis(2-ethylhexyl)phthalate | 40.000 | 43.071 | -7.7 | 83 | 0.00 |
| 85 c | Di-n-octyl phthalate | 40.000 | 43.771 | -9.4 | 82 | -0.01 |
| 86 I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 72 | -0.02 |
| 87 | Indeno(1,2,3-cd)pyrene | 40.000 | 42.148 | -5.4 | 72 | -0.04 |
| 88 | Benzo(b)fluoranthene | 40.000 | 42.480 | -6.2 | 76 | -0.02 |
| 89 | Benzo(k)fluoranthene | 40.000 | 41.701 | -4.3 | 75 | -0.02 |
| 90 C | Benzo(a)pyrene | 40.000 | 41.961 | -4.9 | 75 | -0.02 |
| 91 | Dibenzo(a,h)anthracene | 40.000 | 41.935 | -4.8 | 72 | -0.03 |
| 92 | Benzo(g,h,i)perylene | 40.000 | 42.466 | -6.2 | 72 | -0.07 |

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|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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