

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022725\  
 Data File : BF141801.D  
 Acq On : 27 Feb 2025 19:45  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF022725

Quant Time: Feb 28 01:51:40 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 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   | 117   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.486 | -3.7  | 116   | 0.00     |
| 3    | Pyridine                    | 40.000 | 42.572 | -6.4  | 119   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 43.575 | -8.9  | 119   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.443 | -3.1  | 117   | 0.00     |
| 6    | Aniline                     | 40.000 | 42.857 | -7.1  | 117   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 83.039 | -3.8  | 117   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 42.011 | -5.0  | 118   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 43.684 | -9.2  | 123   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.614 | -4.0  | 116   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.763 | -4.4  | 121   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.498 | -3.7  | 117   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.066 | -2.7  | 116   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.857 | -2.1  | 116   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.564 | -6.4  | 118   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 42.679 | -6.7  | 121   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.365 | -5.9  | 119   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 42.366 | -5.9  | 117   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.525 | -3.8  | 119   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.840 | -4.6  | 118   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 118   | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.417 | -1.0  | 117   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 94.707 | -18.4 | 128   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 45.751 | -14.4 | 125   | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.944 | -2.4  | 119   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 45.447 | -13.6 | 139   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.931 | -4.8  | 120   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.357 | -0.9  | 118   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.157 | -5.4  | 119   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.757 | -1.9  | 118   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.854 | 0.4   | 116   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 45.545 | -13.9 | 144   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.096 | -0.2  | 118   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.042 | -2.6  | 119   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.737 | -6.8  | 121   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.844 | -4.6  | 120   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.710 | 0.7   | 117   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.635 | 0.9   | 116   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 121   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.086 | -0.2  | 118   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.975 | 2.6   | 110   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.321 | -5.4  | 120   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.156 | -5.4  | 119   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.806 | -4.5  | 122   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 75.957 | 5.1   | 115   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.864 | 2.8   | 117   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.288 | 1.8   | 117   | 0.00     |

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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) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 44.684 | -11.7  | 137   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.907 | 0.2    | 118   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.250 | -0.6   | 119   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 44.292 | -10.7  | 132   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.488 | -1.2   | 121   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.938 | -9.8   | 130   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 47.494 | -18.7  | 152   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.391 | 1.5    | 118   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 49.725 | -24.3  | 130   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.704 | -14.3  | 137   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.547 | 3.6    | 117   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.607 | -6.5   | 122   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.896 | 0.3    | 117   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.546 | 3.6    | 116   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 48.866 | -22.2  | 126   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.188 | -0.5   | 119   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 117   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 45.441 | -13.6  | 143   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.431 | -1.1   | 117   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.614 | -1.5   | 117   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.697 | -1.7   | 117   | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.463 | 3.8    | 114   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 44.032 | -10.1  | 120   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.475 | 1.3    | 115   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.126 | 2.2    | 115   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.317 | 1.7    | 114   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.540 | 1.2    | 115   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.448 | 3.9    | 114   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 111   | 0.00     |
| 77   | Benzydine                  | 40.000 | 74.959 | -87.4# | 201   | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.307 | -5.8   | 113   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 82.060 | -2.6   | 111   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.655 | -9.1   | 114   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.236 | -0.6   | 112   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 43.392 | -8.5   | 116   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.491 | -1.2   | 108   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.350 | -8.4   | 113   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 46.033 | -15.1  | 114   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 112   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.754 | -9.4   | 116   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.602 | 1.0    | 115   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.608 | 1.0    | 106   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.891 | -2.2   | 112   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 43.693 | -9.2   | 115   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 43.969 | -9.9   | 116   | 0.00     |

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

(#) = Out of Range

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