

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071522\  
 Data File : BG054303.D  
 Acq On : 15 Jul 2022 15:25  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG071522

Quant Time: Jul 15 18:41:07 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 15 15:54:11 2022  
 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  | 104   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.314 | 4.2  | 103   | 0.00     |
| 3    | Pyridine                    | 40.000 | 41.805 | -4.5 | 102   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 42.761 | -6.9 | 105   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.592 | 0.5  | 102   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.542 | 1.1  | 100   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.673 | 1.7  | 100   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.018 | 2.5  | 100   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.300 | -3.2 | 108   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.902 | 0.2  | 102   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.644 | 3.4  | 101   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.995 | 2.5  | 100   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.314 | 4.2  | 98    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.235 | 1.9  | 101   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.827 | 2.9  | 96    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.227 | 4.4  | 96    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.524 | 3.7  | 97    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.743 | 3.1  | 99    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.487 | 3.8  | 96    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 37.950 | 5.1  | 96    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 98    | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.316 | -3.3 | 98    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 83.158 | -3.9 | 98    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.224 | -5.6 | 101   | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.587 | -4.0 | 98    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.888 | -4.7 | 97    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.022 | -2.6 | 98    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.807 | -2.0 | 96    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.106 | -2.8 | 97    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.964 | -4.9 | 100   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 41.555 | -3.9 | 99    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.376 | 1.6  | 98    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.116 | -2.8 | 99    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.775 | -4.4 | 98    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.480 | -6.2 | 106   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.025 | -2.6 | 100   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.937 | -2.3 | 99    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.449 | -1.1 | 98    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 101   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.521 | -3.8 | 98    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 39.015 | 2.5  | 102   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.808 | -6.0 | 103   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.840 | -7.1 | 100   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.004 | -5.0 | 103   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 82.740 | -3.4 | 99    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.659 | -1.6 | 99    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.098 | -2.7 | 100   | 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 | 42.173 | -5.4 | 100   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.041 | -2.6 | 99    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.036 | -2.6 | 100   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.472 | -3.7 | 101   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.548 | -3.9 | 101   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.560 | -6.4 | 104   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.527 | 1.2  | 103   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.628 | -1.6 | 100   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.353 | -3.4 | 99    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.730 | -4.3 | 100   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.995 | -2.5 | 100   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.666 | -4.2 | 99    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.952 | -2.4 | 100   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.177 | -2.9 | 100   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.979 | -4.9 | 102   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.287 | -3.2 | 100   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 99    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.661 | -6.7 | 100   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.403 | -3.5 | 100   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.345 | -3.4 | 99    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.280 | -5.7 | 101   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.579 | -3.9 | 101   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.902 | -2.3 | 101   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.485 | -3.7 | 101   | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.724 | -4.3 | 101   | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.990 | -5.0 | 103   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.554 | -3.9 | 102   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.358 | -3.4 | 102   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 102   | 0.00     |
| 77   | Benzydine                  | 40.000 | 38.506 | 3.7  | 96    | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.889 | -7.2 | 102   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 85.763 | -7.2 | 103   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.113 | -2.8 | 100   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 41.623 | -4.1 | 102   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.388 | -3.5 | 99    | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.520 | -3.8 | 101   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.846 | -2.1 | 100   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.519 | -3.8 | 100   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.290 | -3.2 | 100   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.235 | -3.1 | 99    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.120 | -5.3 | 103   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.765 | -4.4 | 101   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.653 | -4.1 | 101   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.337 | -3.3 | 100   | 0.01     |

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Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range

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