

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111120\  
 Data File : BP003918.D  
 Acq On : 11 Nov 2020 13:23  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 11 14:30:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 13:41:24 2020  
 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  | 108   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.720 | -1.8 | 117   | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.885 | -2.2 | 115   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 43.739 | -9.3 | 124   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 86.605 | -8.3 | 122   | 0.00     |
| 6    | Aniline                     | 40.000 | 35.994 | 10.0 | 100   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 72.598 | 9.3  | 101   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.751 | 5.6  | 105   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.521 | 6.2  | 109   | 0.00     |
| 10 C | Phenol                      | 40.000 | 35.896 | 10.3 | 101   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 35.587 | 11.0 | 100   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.312 | 4.2  | 110   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.678 | 5.8  | 107   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.515 | 6.2  | 106   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.621 | 5.9  | 102   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.287 | 14.3 | 97    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 36.716 | 8.2  | 102   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 43.747 | -9.4 | 121   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.780 | 3.0  | 106   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.510 | 1.2  | 109   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 102   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.758 | 3.1  | 106   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.772 | 0.3  | 107   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.842 | -2.1 | 111   | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.124 | -0.3 | 107   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.818 | -9.5 | 113   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 37.051 | 7.4  | 101   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.576 | 11.1 | 97    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.925 | 2.7  | 104   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.100 | 4.7  | 105   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.565 | 8.6  | 101   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 32.808 | 18.0 | 88    | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 36.539 | 8.7  | 99    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.004 | 2.5  | 108   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.735 | 3.2  | 100   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 37.127 | 7.2  | 99    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 36.201 | 9.5  | 100   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 35.695 | 10.8 | 99    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 97    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.271 | 4.3  | 101   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.246 | 6.9  | 94    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.063 | -5.1 | 107   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.004 | -0.0 | 102   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.613 | 3.5  | 99    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.536 | 6.8  | 99    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.795 | 8.0  | 98    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.254 | 6.9  | 98    | 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 | 40.364 | -0.9  | 100   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 37.068 | 7.3   | 97    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 36.873 | 7.8   | 97    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.910 | 2.7   | 100   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 36.613 | 8.5   | 97    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 38.157 | 4.6   | 98    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 38.032 | 4.9   | 96    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.799 | 3.0   | 103   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 37.536 | 6.2   | 93    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.769 | 0.6   | 100   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.134 | -0.3  | 107   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.322 | -3.3  | 105   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.447 | -3.6  | 109   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.149 | -0.4  | 108   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.190 | -8.0  | 110   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.209 | -3.0  | 108   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 106   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 38.448 | 3.9   | 111   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.726 | 5.7   | 107   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 37.872 | 5.3   | 108   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.732 | 8.2   | 106   | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.060 | 2.3   | 108   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 32.423 | 18.9  | 88    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.408 | 9.0   | 105   | 0.00     |
| 72   | Anthracene                 | 40.000 | 36.960 | 7.6   | 106   | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.695 | 8.3   | 105   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.208 | -0.5  | 110   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 33.400 | 16.5  | 95    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 90    | 0.01     |
| 77   | Benzydine                  | 40.000 | 43.578 | -8.9  | 97    | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.838 | 2.9   | 93    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 77.650 | 2.9   | 95    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.797 | -12.0 | 101   | 0.01     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.820 | 5.4   | 92    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.256 | 1.9   | 93    | 0.00     |
| 83   | Chrysene                   | 40.000 | 36.657 | 8.4   | 90    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.301 | -5.8  | 98    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.770 | -6.9  | 98    | 0.01     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 89    | 0.02     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 35.491 | 11.3  | 88    | 0.02     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 35.916 | 10.2  | 91    | 0.01     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 35.622 | 10.9  | 87    | 0.01     |
| 90 C | Benzo(a)pyrene             | 40.000 | 36.135 | 9.7   | 89    | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 35.710 | 10.7  | 88    | 0.02     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 35.852 | 10.4  | 89    | 0.02     |

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(#) = Out of Range                      SPCC's out = 0    CCC's out = 0