Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111921\
Data File : BP008046.D
Acq On : 19 Nov 2021 19:43
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111921

Quant Time: Nov 20 00:32:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
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 | 35.922 | 10.2 | 99 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.087 | 2.3 | 100 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 37.979 | 5.1 | 100 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.966 | 0.0 | 102 | 0.00 |
| 6 | | Aniline | 40.000 | 38.926 | 2.7 | 105 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 80.371 | -0.5 | 103 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 37.686 | 5.8 | 106 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 42.130 | -5.3 | 106 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.860 | 2.9 | 103 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 37.280 | 6.8 | 104 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 37.162 | 7.1 | 104 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 36.966 | 7.6 | 105 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 37.287 | 6.8 | 106 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 39.701 | 0.7 | 106 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.636 | 8.4 | 104 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.025 | 2.4 | 104 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.326 | 1.7 | 106 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 37.856 | 5.4 | 106 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.357 | 1.6 | 105 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 106 | 0.00 |
| 22 | | Acetophenone | 40.000 | 37.601 | 6.0 | 107 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 77.023 | 3.7 | 105 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 38.863 | 2.8 | 106 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.328 | 1.7 | 108 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.674 | -1.7 | 109 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.936 | 2.7 | 107 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.956 | 2.6 | 108 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 39.224 | 1.9 | 107 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.632 | 3.4 | 107 | 0.00 |
| 31 | | Naphthalene | 40.000 | 38.708 | 3.2 | 108 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.194 | -5.5 | 106 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 39.447 | 1.4 | 108 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.909 | 2.7 | 109 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.453 | -1.1 | 107 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 38.883 | 2.8 | 106 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 37.513 | 6.2 | 109 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 37.382 | 6.5 | 108 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 107 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 38.319 | 4.2 | 108 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 43.815 | -9.5 | 111 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 78.667 | 1.7 | 111 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 39.417 | 1.5 | 109 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 39.453 | 1.4 | 108 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 79.195 | 1.0 | 108 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 36.919 | 7.7 | 108 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.515 | 3.7 | 109 | 0.00 |

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Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111921

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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 | 39.902 | 0.2 | 107 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 38.751 | 3.1 | 108 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 38.542 | 3.6 | 108 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 39.623 | 0.9 | 109 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 37.290 | 6.8 | 109 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 39.548 | 1.1 | 107 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 42.884 | -7.2 | 108 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 36.905 | 7.7 | 108 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 41.164 | -2.9 | 106 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 39.588 | 1.0 | 106 | 0.00 |
| 58 | | Fluorene | 40.000 | 40.458 | -1.1 | 108 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 39.129 | 2.2 | 107 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 37.287 | 6.8 | 108 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 40.552 | -1.4 | 109 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 39.362 | 1.6 | 105 | 0.00 |
| 63 | | Azobenzene | 40.000 | 37.212 | 7.0 | 107 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 107 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 41.276 | -3.2 | 107 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 38.419 | 4.0 | 108 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 38.789 | 3.0 | 109 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 38.537 | 3.7 | 108 | 0.00 |
| 69 | | Atrazine | 40.000 | 40.083 | -0.2 | 108 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 40.458 | -1.1 | 109 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 36.628 | 8.4 | 107 | 0.00 |
| 72 | | Anthracene | 40.000 | 36.838 | 7.9 | 106 | 0.00 |
| 73 | | Carbazole | 40.000 | 35.313 | 11.7 | 106 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 39.094 | 2.3 | 109 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 35.080 | 12.3 | 105 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 102 | 0.00 |
| 77 | | Benzidine | 40.000 | 38.111 | 4.7 | 83 | 0.00 |
| 78 | | Pyrene | 40.000 | 37.936 | 5.2 | 104 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 74.818 | 6.5 | 106 | -0.01 |
| 80 | | Butylbenzylphthalate | 40.000 | 39.643 | 0.9 | 105 | -0.01 |
| 81 | | Benzo(a)anthracene | 40.000 | 38.369 | 4.1 | 103 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 39.883 | 0.3 | 99 | 0.00 |
| 83 | | Chrysene | 40.000 | 38.286 | 4.3 | 102 | -0.01 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 38.454 | 3.9 | 105 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 40.471 | -1.2 | 104 | -0.01 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 95 | -0.01 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 33.695 | 15.8 | 90 | -0.02 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 38.500 | 3.8 | 97 | -0.01 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 39.127 | 2.2 | 99 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 38.453 | 3.9 | 95 | -0.01 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 33.950 | 15.1 | 90 | -0.02 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 32.983 | 17.5 | 90 | -0.02 |

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

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