# Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121323.D
Acq On : 18 Aug 2020 17:01
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF081820

Quant Time: Aug 18 17:30:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 18 15:43:38 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 | 79 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 38.067 | 4.8 | 80 | -0.02 |
| 3 | | Pyridine | 40.000 | 39.240 | 1.9 | 82 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 37.213 | 7.0 | 77 | -0.02 |
| 5 | S | 2-Fluorophenol | 80.000 | 76.124 | 4.8 | 80 | 0.00 |
| 6 | | Aniline | 40.000 | 37.898 | 5.3 | 81 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 74.926 | 6.3 | 81 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 37.550 | 6.1 | 79 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 36.644 | 8.4 | 78 | 0.00 |
| 10 | C | Phenol | 40.000 | 37.657 | 5.9 | 80 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 37.201 | 7.0 | 79 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 37.107 | 7.2 | 79 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 37.380 | 6.5 | 79 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 38.101 | 4.7 | 80 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 37.978 | 5.1 | 80 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.898 | 7.8 | 78 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 36.941 | 7.6 | 80 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 37.493 | 6.3 | 79 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 36.739 | 8.2 | 79 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 38.088 | 4.8 | 82 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 79 | 0.00 |
| 22 | | Acetophenone | 40.000 | 37.461 | 6.3 | 82 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 74.866 | 6.4 | 80 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 37.458 | 6.4 | 80 | 0.00 |
| 25 | | Isophorone | 40.000 | 37.078 | 7.3 | 80 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 37.482 | 6.3 | 77 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 37.225 | 6.9 | 79 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 36.554 | 8.6 | 78 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 37.928 | 5.2 | 80 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 37.225 | 6.9 | 79 | 0.00 |
| 31 | | Naphthalene | 40.000 | 37.530 | 6.2 | 80 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 35.429 | 11.4 | 72 | -0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 37.664 | 5.8 | 81 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 36.949 | 7.6 | 80 | 0.00 |
| 35 | | Caprolactam | 40.000 | 36.981 | 7.5 | 79 | -0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 37.664 | 5.8 | 80 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 37.184 | 7.0 | 79 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 37.304 | 6.7 | 80 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 79 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 37.547 | 6.1 | 79 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 34.711 | 13.2 | 71 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 75.306 | 5.9 | 78 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 37.983 | 5.0 | 77 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 36.902 | 7.7 | 76 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | S | 2-Fluorobiphenyl | 80.000 | 79.708 | 0.4 | 82 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 37.461 | 6.3 | 79 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 37.204 | 7.0 | 79 | 0.00 |
| 48 | | 2-Nitroaniline | 40.000 | 37.894 | 5.3 | 79 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 37.545 | 6.1 | 80 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 36.363 | 9.1 | 78 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 37.378 | 6.6 | 78 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 36.986 | 7.5 | 79 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 37.669 | 5.8 | 80 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 33.465 | 16.3 | 69 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 37.933 | 5.2 | 82 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 38.295 | 4.3 | 77 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 38.220 | 4.5 | 80 | 0.00 |
| 58 | | Fluorene | 40.000 | 37.175 | 7.1 | 80 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 36.901 | 7.7 | 76 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 36.477 | 8.8 | 78 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 37.101 | 7.2 | 80 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 37.216 | 7.0 | 79 | 0.00 |
| 63 | | Azobenzene | 40.000 | 37.310 | 6.7 | 79 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 80 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 38.690 | 3.3 | 75 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 36.844 | 7.9 | 79 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 37.277 | 6.8 | 79 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 37.104 | 7.2 | 80 | 0.00 |
| 69 | | Atrazine | 40.000 | 35.466 | 11.3 | 76 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 38.810 | 3.0 | 74 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 37.326 | 6.7 | 81 | 0.00 |
| 72 | | Anthracene | 40.000 | 37.262 | 6.8 | 80 | 0.00 |
| 73 | | Carbazole | 40.000 | 37.408 | 6.5 | 81 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 35.993 | 10.0 | 77 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 37.626 | 5.9 | 81 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 82 | 0.00 |
| 77 | | Benzidine | 40.000 | 38.735 | 3.2 | 82 | 0.00 |
| 78 | | Pyrene | 40.000 | 37.622 | 5.9 | 82 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 73.533 | 8.1 | 84 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 36.147 | 9.6 | 77 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 38.123 | 4.7 | 85 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 36.952 | 7.6 | 80 | 0.00 |
| 83 | | Chrysene | 40.000 | 37.184 | 7.0 | 81 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 36.070 | 9.8 | 78 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 35.435 | 11.4 | 75 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 82 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 37.027 | 7.4 | 81 | -0.01 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(b)fluoranthene | 40.000 | 37.954 | 5.1 | 84 | -0.01 |
| 89 | Benzo(k)fluoranthene | 40.000 | 35.606 | 11.0 | 78 | -0.01 |
| 90 C | Benzo(a)pyrene | 40.000 | 37.504 | 6.2 | 83 | -0.01 |
| 91 | Dibenzo(a,h)anthracene | 40.000 | 37.297 | 6.8 | 82 | -0.02 |
| 92 | Benzo(g,h,i)perylene | 40.000 | 37.109 | 7.2 | 81 | -0.02 |

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