# Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102824\
Data File : BE101397.D
Acq On : 28 Oct 2024 16:37
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
ICVBE102824

Quant Time: Oct 29 01:28:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 2 | | 1,4-Dioxane | 0.426 | 0.415 | 2.6 | 95 | 0.00 |
| 3 | | Pyridine | 1.204 | 1.260 | -4.7 | 102 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.466 | 0.484 | -3.9 | 97 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.141 | 1.182 | -3.6 | 99 | 0.00 |
| 6 | | Aniline | 1.213 | 1.404 | -15.7 | 101 | 0.00 |
| 7 | S | Phenol-d6 | 1.582 | 1.735 | -9.7 | 103 | 0.00 |
| 8 | | 2-Chlorophenol | 1.369 | 1.449 | -5.8 | 100 | 0.00 |
| 9 | | Benzaldehyde | 0.764 | 0.897 | -17.4 | 107 | 0.00 |
| 10 | C | Phenol | 1.717 | 1.930 | -12.4 | 102 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.408 | 1.297 | 7.9 | 85 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.476 | 1.499 | -1.6 | 97 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.507 | 1.530 | -1.5 | 98 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.475 | 1.532 | -3.9 | 99 | 0.00 |
| 15 | | Benzyl Alcohol | 0.943 | 1.031 | -9.3 | 94 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.772 | 1.856 | -4.7 | 100 | 0.00 |
| 17 | | 2-Methylphenol | 1.162 | 1.244 | -7.1 | 99 | 0.00 |
| 18 | | Hexachloroethane | 0.492 | 0.515 | -4.7 | 100 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.050 | 1.231 | -17.2 | 103 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.604 | 1.774 | -10.6 | 102 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 22 | | Acetophenone | 0.454 | 0.478 | -5.3 | 101 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.318 | 0.338 | -6.3 | 102 | 0.00 |
| 24 | | Nitrobenzene | 0.339 | 0.353 | -4.1 | 101 | 0.00 |
| 25 | | Isophorone | 0.621 | 0.670 | -7.9 | 102 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.164 | 0.179 | -9.1 | 102 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.206 | 0.215 | -4.4 | 101 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.377 | 0.394 | -4.5 | 102 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.285 | 0.300 | -5.3 | 102 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.311 | 0.314 | -1.0 | 102 | 0.00 |
| 31 | | Naphthalene | 1.019 | 1.035 | -1.6 | 101 | 0.00 |
| 32 | | Benzoic acid | 0.182 | 0.203 | -11.5 | 105 | 0.00 |
| 33 | | 4-Chloroaniline | 0.354 | 0.406 | -14.7 | 104 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.184 | 0.186 | -1.1 | 100 | 0.00 |
| 35 | | Caprolactam | 0.109 | 0.121 | -11.0 | 103 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.325 | 0.348 | -7.1 | 104 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.734 | 0.755 | -2.9 | 101 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.733 | 0.753 | -2.7 | 102 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 101 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.502 | 0.514 | -2.4 | 101 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.166 | 0.172 | -3.6 | 98 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.351 | 0.369 | -5.1 | 102 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.346 | 0.374 | -8.1 | 102 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.396 | 0.422 | -6.6 | 103 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.181 | 1.219 | -3.2 | 100 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.370 | 1.406 | -2.6 | 101 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.083 | 1.115 | -3.0 | 102 | 0.00 |

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| | | Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 48 | | 2-Nitroaniline | 0.291 | 0.330 | -13.4 | 105 | 0.00 |
| 49 | | Acenaphthylene | 1.601 | 1.671 | -4.4 | 101 | 0.00 |
| 50 | | Dimethylphthalate | 1.412 | 1.451 | -2.8 | 101 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.326 | 0.343 | -5.2 | 100 | 0.00 |
| 52 | C | Acenaphthene | 1.045 | 1.076 | -3.0 | 101 | 0.00 |
| 53 | | 3-Nitroaniline | 0.324 | 0.358 | -10.5 | 101 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.198 | 0.207 | -4.5 | 100 | 0.00 |
| 55 | | Dibenzofuran | 1.666 | 1.696 | -1.8 | 101 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.297 | 0.309 | -4.0 | 100 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.449 | 0.486 | -8.2 | 102 | 0.00 |
| 58 | | Fluorene | 1.394 | 1.435 | -2.9 | 100 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.366 | 0.389 | -6.3 | 103 | 0.00 |
| 60 | | Diethylphthalate | 1.477 | 1.510 | -2.2 | 99 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.692 | 0.710 | -2.6 | 101 | 0.00 |
| 62 | | 4-Nitroaniline | 0.361 | 0.390 | -8.0 | 101 | 0.00 |
| 63 | | Azobenzene | 1.269 | 1.319 | -3.9 | 101 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.118 | 0.123 | -4.2 | 99 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.530 | 0.552 | -4.2 | 100 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.210 | 0.220 | -4.8 | 102 | 0.00 |
| 68 | | Hexachlorobenzene | 0.276 | 0.288 | -4.3 | 101 | 0.00 |
| 69 | | Atrazine | 0.163 | 0.182 | -11.7 | 99 | 0.00 |
| 70 | C | Pentachlorophenol | 0.159 | 0.178 | -11.9 | 103 | 0.00 |
| 71 | | Phenanthrene | 0.958 | 0.987 | -3.0 | 99 | 0.00 |
| 72 | | Anthracene | 0.935 | 0.981 | -4.9 | 100 | 0.00 |
| 73 | | Carbazole | 0.957 | 0.991 | -3.6 | 99 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.053 | 1.129 | -7.2 | 99 | 0.00 |
| 75 | C | Fluoranthene | 1.163 | 1.187 | -2.1 | 99 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 97 | 0.00 |
| 77 | | Benzidine | 0.254 | 0.383 | -50.8# | 107 | 0.00 |
| 78 | | Pyrene | 1.100 | 1.187 | -7.9 | 98 | 0.00 |
| 79 | S | Terphenyl-d14 | 0.869 | 0.852 | 2.0 | 98 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.482 | 0.522 | -8.3 | 99 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.124 | 1.186 | -5.5 | 98 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.440 | 0.484 | -10.0 | 98 | 0.00 |
| 83 | | Chrysene | 1.087 | 1.131 | -4.0 | 99 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.641 | 0.714 | -11.4 | 99 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.051 | 1.167 | -11.0 | 100 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.338 | 1.374 | -2.7 | 98 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.042 | 1.098 | -5.4 | 99 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 0.974 | 1.011 | -3.8 | 99 | 0.00 |
| 90 | C | Benzo(a)pyrene | 0.912 | 0.956 | -4.8 | 99 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.106 | 1.152 | -4.2 | 98 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.140 | 1.168 | -2.5 | 99 | 0.00 |

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

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