Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034574.D
Acq On : 14 Oct 2024 16:49
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN101424

Quant Time: Oct 14 17:54:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 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 | 90 | 0.00 |
| 2 | | 1,4-Dioxane | 0.482 | 0.494 | -2.5 | 88 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.439 | 0.414 | 5.7 | 87 | 0.00 |
| 4 | S | 2-Fluorophenol | 1.084 | 1.027 | 5.3 | 87 | 0.00 |
| 5 | S | Phenol-d6 | 1.124 | 1.026 | 8.7 | 87 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 0.919 | 0.747 | 18.7 | 75 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 96 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.261 | 0.232 | 11.1 | 91 | 0.00 |
| 9 | | Naphthalene | 1.046 | 1.025 | 2.0 | 95 | 0.00 |
| 10 | | Hexachlorobutadiene | 0.228 | 0.226 | 0.9 | 95 | 0.00 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.600 | 0.597 | 0.5 | 97 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.674 | 0.668 | 0.9 | 96 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.177 | 0.150 | 15.3 | 107 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.379 | 1.299 | 5.8 | 98 | 0.00 |
| 16 | | Acenaphthylene | 1.626 | 1.495 | 8.1 | 100 | 0.00 |
| 17 | | Acenaphthene | 1.151 | 1.116 | 3.0 | 100 | 0.00 |
| 18 | | Fluorene | 1.471 | 1.463 | 0.5 | 103 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 109 | 0.00 |
| 20 | | 4,6-Dinitro-2-methylphenol | 0.005 | 0.006 | -20.0 | 122 | 0.00 |
| 21 | | 4-Bromophenyl-phenylether | 0.217 | 0.209 | 3.7 | 103 | 0.00 |
| 22 | | Hexachlorobenzene | 0.293 | 0.302 | -3.1 | 108 | 0.00 |
| 23 | | Atrazine | 0.173 | 0.165 | 4.6 | 108 | 0.00 |
| 24 | | Pentachlorophenol | 0.084 | 0.058 | 31.0# | 98 | 0.00 |
| 25 | | Phenanthrene | 1.055 | 1.057 | -0.2 | 108 | 0.00 |
| 26 | | Anthracene | 0.916 | 0.883 | 3.6 | 109 | 0.00 |
| 27 | SURR | Fluoranthene-d10 | 0.973 | 0.967 | 0.6 | 114 | 0.00 |
| 28 | | Fluoranthene | 1.202 | 1.193 | 0.7 | 114 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 126 | 0.00 |
| 30 | | Pyrene | 3.925 | 2.719 | 30.7# | 113 | 0.00 |
| 31 | S | Terphenyl-d14 | 1.950 | 1.407 | 27.8# | 116 | 0.00 |
| 32 | | Benzo(a)anthracene | 0.000 | 0.000 | 0.0 | 0# | -21.01# |
| 33 | | Chrysene | 3.584 | 2.623 | 26.8# | 113 | 0.00 |
| 34 | | Bis(2-ethylhexyl)phthalate | 0.000 | 0.000 | 0.0 | 0# | -21.01# |
| 35 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 99 | 0.00 |
| 36 | | Indeno(1,2,3-cd)pyrene | 1.554 | 1.457 | 6.2 | 92 | 0.00 |
| 37 | | Benzo(b)fluoranthene | 1.337 | 1.272 | 4.9 | 101 | 0.00 |
| 38 | | Benzo(k)fluoranthene | 1.523 | 1.616 | -6.1 | 104 | 0.00 |
| 39 | C | Benzo(a)pyrene | 1.161 | 1.130 | 2.7 | 100 | 0.00 |
| 40 | | Dibenzo(a,h)anthracene | 1.189 | 1.096 | 7.8 | 91 | 0.00 |
| 41 | | Benzo(g,h,i)perylene | 1.421 | 1.349 | 5.1 | 92 | 0.00 |

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

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BNA_N
**ClientSampleId :**
ICVBN101424