Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034262.D
Acq On : 27 Sep 2024 03:43
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**LabSampleId :**
SSTDCCC0.4

Quant Time: Sep 27 05:18:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 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 | 72 | 0.00 |
| 2 | | 1,4-Dioxane | 0.500 | 0.595 | -19.0 | 85 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.569 | 0.578 | -1.6 | 76 | 0.00 |
| 4 | S | 2-Fluorophenol | 1.135 | 0.994 | 12.4 | 67 | 0.00 |
| 5 | S | Phenol-d6 | 1.320 | 0.882 | 33.2# | 53 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.168 | 0.969 | 17.0 | 63 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 68 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.306 | 0.251 | 18.0 | 61 | 0.00 |
| 9 | | Naphthalene | 1.098 | 1.048 | 4.6 | 67 | 0.00 |
| 10 | | Hexachlorobutadiene | 0.207 | 0.212 | -2.4 | 70 | 0.00 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.591 | 0.498 | 15.7 | 60 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.714 | 0.615 | 13.9 | 61 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 56 | 0.00 |
| 14 | S | 2,4,6-Tribromophenol | 0.181 | 0.062 | 65.7# | 22# | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.627 | 1.568 | 3.6 | 55 | 0.00 |
| 16 | | Acenaphthylene | 1.712 | 1.599 | 6.6 | 58 | 0.00 |
| 17 | | Acenaphthene | 1.228 | 1.230 | -0.2 | 58 | 0.00 |
| 18 | | Fluorene | 1.612 | 1.493 | 7.4 | 54 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 52 | 0.00 |
| 20 | | 4,6-Dinitro-2-methylphenol | 0.057 | 0.005 | 91.2# | 6# | 0.00 |
| 21 | | 4-Bromophenyl-phenylether | 0.225 | 0.205 | 8.9 | 50# | 0.00 |
| 22 | | Hexachlorobenzene | 0.252 | 0.258 | -2.4 | 54 | 0.00 |
| 23 | | Atrazine | 0.186 | 0.164 | 11.8 | 50# | 0.00 |
| 24 | | Pentachlorophenol | 0.083 | 0.032 | 61.4# | 24# | 0.00 |
| 25 | | Phenanthrene | 1.149 | 1.114 | 3.0 | 52 | 0.00 |
| 26 | | Anthracene | 0.937 | 0.842 | 10.1 | 52 | 0.00 |
| 27 | SURR | Fluoranthene-d10 | 1.009 | 0.954 | 5.5 | 52 | 0.00 |
| 28 | | Fluoranthene | 1.331 | 1.276 | 4.1 | 53 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 51 | 0.00 |
| 30 | | Pyrene | 1.688 | 1.796 | -6.4 | 54 | 0.00 |
| 31 | S | Terphenyl-d14 | 0.799 | 0.750 | 6.1 | 48# | 0.00 |
| 32 | | Benzo(a)anthracene | 1.265 | 0.626 | 50.5# | 27# | 0.00 |
| 33 | | Chrysene | 1.510 | 1.502 | 0.5 | 50# | 0.00 |
| 34 | | Bis(2-ethylhexyl)phthalate | 0.527 | 0.143 | 72.9# | 13# | 0.00 |
| 35 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 53 | 0.00 |
| 36 | | Indeno(1,2,3-cd)pyrene | 1.714 | 1.752 | -2.2 | 53 | 0.00 |
| 37 | | Benzo(b)fluoranthene | 1.567 | 1.401 | 10.6 | 51 | 0.00 |
| 38 | | Benzo(k)fluoranthene | 1.645 | 1.743 | -6.0 | 57 | 0.00 |
| 39 | C | Benzo(a)pyrene | 1.277 | 1.266 | 0.9 | 56 | 0.00 |
| 40 | | Dibenzo(a,h)anthracene | 1.331 | 1.306 | 1.9 | 51 | 0.00 |
| 41 | | Benzo(g,h,i)perylene | 1.495 | 1.595 | -6.7 | 56 | 0.00 |

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

**Instrument :**
BNA_N
**LabSampleId :**
SSTDCCC0.4