Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023114.D
Acq On : 09 Dec 2022 20:47
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 10 03:16:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 07:44:40 2022
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 | 107 | 0.00 |
| 2 | | 1,4-Dioxane | 0.395 | 0.402 | -1.8 | 106 | 0.00 |
| 3 | | n-Nitrosodimethylamine | 0.388 | 0.380 | 2.1 | 109 | 0.00 |
| 4 | S | 2-Fluorophenol | 0.745 | 0.737 | 1.1 | 105 | 0.00 |
| 5 | S | Phenol-d6 | 0.947 | 0.918 | 3.1 | 107 | 0.00 |
| 6 | | bis(2-Chloroethyl)ether | 1.076 | 1.095 | -1.8 | 106 | 0.00 |
| 7 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 104 | 0.00 |
| 8 | S | Nitrobenzene-d5 | 0.264 | 0.256 | 3.0 | 108 | 0.00 |
| 9 | | Naphthalene | 1.019 | 1.016 | 0.3 | 106 | 0.01 |
| 10 | | Hexachlorobutadiene | 0.194 | 0.202 | -4.1 | 108 | 0.00 |
| 11 | SURR | 2-Methylnaphthalene-d10 | 0.678 | 0.627 | 7.5 | 102 | 0.00 |
| 12 | | 2-Methylnaphthalene | 0.152 | 0.149 | 2.0 | 106 | 0.00 |
| 13 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 101 | 0.01 |
| 14 | S | 2,4,6-Tribromophenol | 0.145 | 0.141 | 2.8 | 108 | 0.00 |
| 15 | S | 2-Fluorobiphenyl | 1.598 | 1.633 | -2.2 | 102 | 0.00 |
| 16 | | Acenaphthylene | 1.611 | 1.515 | 6.0 | 103 | 0.01 |
| 17 | | Acenaphthene | 1.184 | 1.167 | 1.4 | 102 | 0.01 |
| 18 | | Fluorene | 1.325 | 1.303 | 1.7 | 101 | 0.00 |
| 19 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 98 | 0.00 |
| 20 | | 4,6-Dinitro-2-methylphenol | 0.057 | 0.043 | 24.6 | 93 | 0.00 |
| 21 | | 4-Bromophenyl-phenylether | 0.213 | 0.215 | -0.9 | 104 | 0.00 |
| 22 | | Hexachlorobenzene | 0.280 | 0.288 | -2.9 | 101 | 0.01 |
| 23 | | Atrazine | 0.150 | 0.138 | 8.0 | 101 | 0.01 |
| 24 | | Pentachlorophenol | 0.097 | 0.076 | 21.6 | 93 | 0.00 |
| 25 | | Phenanthrene | 1.192 | 1.164 | 2.3 | 100 | 0.01 |
| 26 | | Anthracene | 0.950 | 0.892 | 6.1 | 102 | 0.00 |
| 27 | SURR | Fluoranthene-d10 | 0.936 | 0.968 | -3.4 | 108 | 0.00 |
| 28 | | Fluoranthene | 1.276 | 1.250 | 2.0 | 102 | 0.00 |
| 29 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 100 | 0.00 |
| 30 | | Pyrene | 1.464 | 1.501 | -2.5 | 103 | 0.00 |
| 31 | S | Terphenyl-d14 | 0.649 | 0.600 | 7.6 | 87 | 0.00 |
| 32 | | Benzo(a)anthracene | 1.289 | 1.259 | 2.3 | 105 | 0.00 |
| 33 | | Chrysene | 1.449 | 1.494 | -3.1 | 103 | 0.00 |
| 34 | | Bis(2-ethylhexyl)phthalate | 0.545 | 0.527 | 3.3 | 108 | 0.00 |
| 35 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 113 | 0.00 |
| 36 | | Indeno(1,2,3-cd)pyrene | 1.793 | 1.875 | -4.6 | 125 | 0.00 |
| 37 | | Benzo(b)fluoranthene | 1.658 | 1.610 | 2.9 | 114 | 0.00 |
| 38 | | Benzo(k)fluoranthene | 1.684 | 1.667 | 1.0 | 117 | 0.00 |
| 39 | C | Benzo(a)pyrene | 1.244 | 1.261 | -1.4 | 128 | 0.00 |
| 40 | | Dibenzo(a,h)anthracene | 1.439 | 1.465 | -1.8 | 121 | 0.00 |
| 41 | | Benzo(g,h,i)perylene | 1.537 | 1.430 | 7.0 | 107 | 0.00 |

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

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