

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\  
 Data File : BE098874.D  
 Acq On : 11 Mar 2019 23:51  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Mar 12 16:38:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 06 15:33:24 2019  
 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                   | AvqRF | CCRF  | %Dev  | Area% | Dev(min) |
|---------|----------------------------|-------|-------|-------|-------|----------|
| 1 I     | 1,4-Dichlorobenzene-d4     | 1.000 | 1.000 | 0.0   | 112   | 0.00     |
| 2       | 1,4-Dioxane                | 0.789 | 0.738 | 6.5   | 109   | 0.00     |
| 3       | n-Nitrosodimethylamine     | 1.006 | 0.605 | 39.9# | 66    | 0.03     |
| 4 S     | 2-Fluorophenol             | 1.196 | 1.065 | 11.0  | 97    | 0.00     |
| 5 S     | Phenol-d6                  | 1.689 | 1.686 | 0.2   | 112   | 0.00     |
| 6       | bis(2-Chloroethyl)ether    | 1.304 | 1.057 | 18.9  | 95    | 0.00     |
| 7 I     | Naphthalene-d8             | 1.000 | 1.000 | 0.0   | 125   | 0.00     |
| 8 S     | Nitrobenzene-d5            | 0.419 | 0.386 | 7.9   | 128   | 0.00     |
| 9       | Naphthalene                | 4.581 | 4.582 | -0.0  | 128   | 0.00     |
| 10      | Hexachlorobutadiene        | 0.303 | 0.281 | 7.3   | 120   | 0.00     |
| 11 SURR | 2-Methylnaphthalene-d10    | 0.739 | 0.733 | 0.8   | 127   | 0.00     |
| 12      | 2-Methylnaphthalene        | 0.743 | 0.712 | 4.2   | 124   | 0.00     |
| 13 I    | Acenaphthene-d10           | 1.000 | 1.000 | 0.0   | 132   | 0.00     |
| 14 S    | 2,4,6-Tribromophenol       | 0.202 | 0.173 | 14.4  | 114   | 0.00     |
| 15 S    | 2-Fluorobiphenyl           | 1.656 | 1.681 | -1.5  | 136   | 0.00     |
| 16      | Acenaphthylene             | 2.057 | 2.014 | 2.1   | 136   | 0.00     |
| 17      | Acenaphthene               | 1.220 | 1.208 | 1.0   | 131   | -0.01    |
| 18      | Fluorene                   | 1.760 | 1.666 | 5.3   | 128   | 0.00     |
| 19 I    | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 127   | 0.00     |
| 20      | 4-Bromophenyl-phenylether  | 0.217 | 0.191 | 12.0  | 114   | 0.00     |
| 21      | Hexachlorobenzene          | 0.258 | 0.246 | 4.7   | 128   | 0.00     |
| 22      | Pentachlorophenol          | 0.052 | 0.037 | 28.8# | 123   | 0.00     |
| 23      | Phenanthrene               | 1.137 | 1.081 | 4.9   | 124   | 0.00     |
| 24      | Anthracene                 | 0.972 | 0.896 | 7.8   | 124   | 0.00     |
| 25 SURR | Fluoranthene-d10           | 6.385 | 5.702 | 10.7  | 118   | 0.00     |
| 26      | Fluoranthene               | 1.605 | 1.434 | 10.7  | 118   | 0.00     |
| 27 I    | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 116   | -0.01    |
| 28      | Pvrene                     | 1.224 | 1.236 | -1.0  | 117   | 0.00     |
| 29 S    | Terphenyl-d14              | 0.972 | 0.957 | 1.5   | 115   | 0.00     |
| 30      | Benzo(a)anthracene         | 1.248 | 1.153 | 7.6   | 109   | 0.00     |
| 31      | Chrysene                   | 1.336 | 1.346 | -0.7  | 120   | -0.01    |
| 32      | Bis(2-ethylhexyl)phthalate | 2.657 | 2.531 | 4.7   | 120   | -0.01    |
| 33      | Indeno(1,2,3-cd)pyrene     | 1.410 | 1.403 | 0.5   | 117   | -0.02    |
| 34 I    | Perylene-d12               | 1.000 | 1.000 | 0.0   | 122   | -0.01    |
| 35      | Benzo(b)fluoranthene       | 1.315 | 1.271 | 3.3   | 122   | 0.00     |
| 36      | Benzo(k)fluoranthene       | 1.377 | 1.321 | 4.1   | 123   | -0.01    |
| 37 C    | Benzo(a)pyrene             | 1.261 | 1.243 | 1.4   | 124   | 0.00     |
| 38      | Dibenzo(a,h)anthracene     | 1.193 | 1.143 | 4.2   | 118   | -0.01    |
| 39      | Benzo(a,h,i)perylene       | 1.248 | 1.195 | 4.2   | 119   | -0.01    |

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| Compound           | AvgRF                        | CCRF | %Dev Area | % Dev(min) |
|--------------------|------------------------------|------|-----------|------------|
| -----              |                              |      |           |            |
| (#) = Out of Range | SPCC's out = 0 CCC's out = 0 |      |           |            |