

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE080816\  
 Data File : BE092232.D  
 Acq On : 9 Aug 2016 1:14  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 LabSampleId :  
 SSTDCCC0.4

Quant Time: Aug 09 02:44:37 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-PAH-BE080216.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 08 18:55:30 2016  
 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  | 87    | 0.00     |
| 2    | 1,4-Dioxane            | 0.680 | 0.670 | 1.5  | 83    | 0.00     |
| 3    | n-Nitrosodimethylamine | 0.942 | 0.761 | 19.2 | 87    | 0.00     |
| 4 S  | 2-Fluorophenol         | 1.284 | 1.119 | 12.9 | 86    | 0.01     |
| 5 S  | Phenol-d6              | 1.711 | 1.490 | 12.9 | 82    | 0.01     |
| 6 I  | Naphthalene-d8         | 1.000 | 1.000 | 0.0  | 93    | -0.01    |
| 7 S  | Nitrobenzene-d5        | 0.395 | 0.322 | 18.5 | 80    | 0.00     |
| 8    | Naphthalene            | 1.159 | 1.113 | 4.0  | 92    | 0.00     |
| 9    | 2-Methylnaphthalene    | 0.743 | 0.700 | 5.8  | 94    | 0.00     |
| 10 I | Acenaphthene-d10       | 1.000 | 1.000 | 0.0  | 94    | -0.02    |
| 11 S | 2,4,6-Tribromophenol   | 0.162 | 0.137 | 15.4 | 95    | 0.00     |
| 12 S | 2-Fluorobiphenyl       | 1.584 | 1.531 | 3.3  | 95    | 0.00     |
| 13   | Acenaphthylene         | 8.821 | 8.367 | 5.1  | 95    | -0.02    |
| 14   | Acenaphthene           | 1.406 | 1.365 | 2.9  | 94    | 0.00     |
| 15   | Fluorene               | 1.783 | 1.663 | 6.7  | 93    | -0.01    |
| 16 I | Phenanthrene-d10       | 1.000 | 1.000 | 0.0  | 95    | -0.02    |
| 17   | Hexachlorobenzene      | 0.245 | 0.229 | 6.5  | 88    | 0.00     |
| 18   | Pentachlorophenol      | 0.068 | 0.053 | 22.1 | 91    | 0.00     |
| 19   | Phenanthrene           | 1.460 | 1.412 | 3.3  | 96    | 0.00     |
| 20   | Anthracene             | 1.331 | 1.218 | 8.5  | 92    | 0.00     |
| 21   | Fluoranthene           | 6.116 | 5.627 | 8.0  | 91    | 0.00     |
| 22 I | Chrysene-d12           | 1.000 | 1.000 | 0.0  | 83    | 0.00     |
| 23   | Pyrene                 | 5.228 | 5.227 | 0.0  | 90    | 0.00     |
| 24 S | Terphenyl-d14          | 0.718 | 0.753 | -4.9 | 95    | -0.02    |
| 25   | Benzo(a)anthracene     | 5.496 | 5.501 | -0.1 | 89    | 0.00     |
| 26   | Chrysene               | 5.505 | 5.378 | 2.3  | 86    | 0.00     |
| 27   | Indeno(1,2,3-cd)pyrene | 5.978 | 5.455 | 8.7  | 82    | 0.00     |
| 28 I | Perylene-d12           | 1.000 | 1.000 | 0.0  | 82    | 0.00     |
| 29   | Benzo(b)fluoranthene   | 1.368 | 1.285 | 6.1  | 76    | 0.00     |
| 30   | Benzo(k)fluoranthene   | 1.369 | 1.328 | 3.0  | 92    | 0.00     |
| 31 C | Benzo(a)pyrene         | 1.257 | 1.235 | 1.8  | 84    | 0.00     |
| 32   | Dibenzo(a,h)anthracene | 1.200 | 1.126 | 6.2  | 82    | 0.00     |
| 33   | Benzo(g,h,i)perylene   | 5.122 | 4.812 | 6.1  | 81    | 0.00     |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0