

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\  
 Data File : BE096249.D  
 Acq On : 1 May 2018 7:31  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Sohil  
 5/1/2018 7:07:18 PM

Quant Time: May 01 11:55:54 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 30 14:27:29 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 730      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.19 | 136  | 2792     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.94 | 164  | 1518     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.65 | 188  | 3589     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.75 | 240  | 3612     | 0.40 | ng    | 0.01     |
| 34) Perylene-d12          | 24.35 | 264  | 3398     | 0.40 | ng    | 0.00     |

## System Monitoring Compounds

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| 4) 2-Fluorophenol           | 5.88  | 112 | 845   | 0.37 | ng | 0.01 |
| 5) Phenol-d6                | 7.52  | 99  | 1201  | 0.39 | ng | 0.01 |
| 8) Nitrobenzene-d5          | 9.54  | 82  | 1290m | 0.39 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.74 | 152 | 1646  | 0.37 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.41 | 330 | 255   | 0.35 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.57 | 172 | 2570  | 0.40 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.64 | 212 | 17180 | 0.35 | ng | 0.00 |
| 29) Terphenyl-d14           | 20.19 | 244 | 3014  | 0.38 | ng | 0.00 |

## Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.61  | 88  | 397   | 0.352 | ng | 91     |
| 3) n-Nitrosodimethylamine      | 3.97  | 42  | 528   | 0.382 | ng | # 77   |
| 6) bis(2-Chloroethyl)ether     | 7.76  | 93  | 1005  | 0.367 | ng | 92     |
| 9) Naphthalene                 | 11.24 | 128 | 11149 | 0.379 | ng | 99     |
| 10) Hexachlorobutadiene        | 11.50 | 225 | 300   | 0.230 | ng | 91     |
| 12) 2-Methylnaphthalene        | 12.81 | 142 | 1860  | 0.382 | ng | 95     |
| 16) Acenaphthylene             | 14.67 | 152 | 3198  | 0.395 | ng | 99     |
| 17) Acenaphthene               | 15.00 | 154 | 1908  | 0.392 | ng | 94     |
| 18) Fluorene                   | 15.97 | 166 | 2371  | 0.393 | ng | # 78   |
| 20) 4-Bromophenyl-phenylether  | 16.83 | 248 | 808   | 0.379 | ng | # 70   |
| 21) Hexachlorobenzene          | 16.97 | 284 | 824   | 0.388 | ng | # 80   |
| 22) Pentachlorophenol          | 17.31 | 266 | 136   | 0.274 | ng | 88     |
| 23) Phenanthrene               | 17.70 | 178 | 3901  | 0.387 | ng | 99     |
| 24) Anthracene                 | 17.78 | 178 | 3693  | 0.383 | ng | # 94   |
| 26) Fluoranthene               | 19.66 | 202 | 4805  | 0.363 | ng | 98     |
| 28) Pyrene                     | 20.00 | 202 | 216   | 0.030 | ng | # 80   |
| 30) Benzo(a)anthracene         | 21.73 | 228 | 4395  | 0.379 | ng | 97     |
| 31) Chrysene                   | 21.79 | 228 | 4415  | 0.395 | ng | 98     |
| 32) Bis(2-ethylhexyl)phthalate | 21.60 | 149 | 11567 | 0.387 | ng | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 27.13 | 276 | 4240  | 0.391 | ng | 95     |
| 35) Benzo(b)fluoranthene       | 23.55 | 252 | 4041  | 0.397 | ng | # 94   |
| 36) Benzo(k)fluoranthene       | 23.60 | 252 | 4148  | 0.396 | ng | # 87   |
| 37) Benzo(a)pyrene             | 24.23 | 252 | 3838  | 0.392 | ng | # 90   |
| 38) Dibenzo(a,h)anthracene     | 27.15 | 278 | 3568  | 0.413 | ng | 93     |
| 39) Benzo(g,h,i)perylene       | 28.00 | 276 | 3554  | 0.389 | ng | # 91   |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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