

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE101617\  
 Data File : BE094414.D  
 Acq On : 16 Oct 2017 13:00  
 Operator : SJ/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Manual Integrations  
 APPROVED

Sohil  
 10/17/2017 5:14:23 PM

Quant Time: Oct 16 14:39:24 2017

Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 16 13:38:25 2017

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 1394     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.71 | 136  | 7322     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.52 | 164  | 4065     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.27 | 188  | 6421     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.43 | 240  | 9508     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.97 | 264  | 8912     | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.53  | 112 | 3693  | 0.70 | ng | 0.01  |
| 5) Phenol-d6                | 7.11  | 99  | 5896  | 0.80 | ng | -0.01 |
| 8) Nitrobenzene-d5          | 9.06  | 82  | 5133  | 0.72 | ng | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 8980  | 0.80 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.03 | 330 | 1383  | 0.53 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.15 | 172 | 11720 | 0.87 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.29 | 212 | 88702 | 1.43 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.87 | 244 | 15182 | 0.88 | ng | 0.00  |

#### Target Compounds

|                                |       |     |        |          | Qvalue |
|--------------------------------|-------|-----|--------|----------|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88  | 1793   | 0.660 ng | # 88   |
| 3) n-Nitrosodimethylamine      | 3.74  | 42  | 1850   | 0.533 ng | # 88   |
| 6) bis(2-Chloroethyl)ether     | 7.33  | 93  | 4297   | 0.755 ng | 98     |
| 9) Naphthalene                 | 10.74 | 128 | 64265  | 0.777 ng | 100    |
| 10) Hexachlorobutadiene        | 11.03 | 225 | 2603   | 0.840 ng | 97     |
| 12) 2-Methylnaphthalene        | 12.36 | 142 | 10849  | 0.810 ng | 98     |
| 16) Acenaphthylene             | 14.24 | 152 | 17652  | 0.866 ng | 100    |
| 17) Acenaphthene               | 14.58 | 154 | 10905  | 0.856 ng | 98     |
| 18) Fluorene                   | 15.58 | 166 | 14155  | 0.819 ng | 99     |
| 20) 4-Bromophenyl-phenylether  | 16.42 | 248 | 2366   | 0.898 ng | # 1    |
| 21) Hexachlorobenzene          | 16.58 | 284 | 5167   | 3.108 ng | # 61   |
| 22) Pentachlorophenol          | 16.97 | 266 | 360    | 0.236 ng | 87     |
| 23) Phenanthrene               | 17.30 | 178 | 20780m | 1.265 ng |        |
| 24) Anthracene                 | 17.40 | 178 | 15644m | 0.908 ng |        |
| 26) Fluoranthene               | 19.32 | 202 | 26854  | 1.459 ng | 99     |
| 28) Pyrene                     | 19.68 | 202 | 27863  | 0.925 ng | 99     |
| 30) Benzo(a)anthracene         | 21.42 | 228 | 25526  | 0.797 ng | # 65   |
| 31) Chrysene                   | 21.47 | 228 | 24832  | 0.804 ng | # 66   |
| 32) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 69586  | 0.454 ng | # 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.66 | 276 | 25162  | 0.761 ng | 98     |
| 35) Benzo(b)fluoranthene       | 23.18 | 252 | 24155  | 0.751 ng | # 46   |
| 36) Benzo(k)fluoranthene       | 23.23 | 252 | 23475  | 0.762 ng | # 45   |
| 37) Benzo(a)pyrene             | 23.85 | 252 | 22814  | 0.785 ng | # 39   |
| 38) Dibenzo(a,h)anthracene     | 26.66 | 278 | 21629  | 0.786 ng | # 49   |
| 39) Benzo(g,h,i)perylene       | 27.49 | 276 | 20553  | 0.755 ng | # 59   |

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

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