

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100617\  
 Data File : BE094176.D  
 Acq On : 6 Oct 2017 12:37  
 Operator : SJ/JU  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Oct 06 13:37:25 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 06 13:34:13 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 1314     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.69 | 136  | 6119     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.51 | 164  | 3614     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.24 | 188  | 10939    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.40 | 240  | 10354    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.91 | 264  | 9733     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.50  | 112 | 1741  | 0.35 | ng | 0.00 |
| 5) Phenol-d6                | 7.09  | 99  | 2505  | 0.36 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.04  | 82  | 2022  | 0.34 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152 | 3823  | 0.41 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.00 | 330 | 589   | 0.25 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.13 | 172 | 4959  | 0.42 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.26 | 212 | 44442 | 0.42 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.85 | 244 | 7808  | 0.41 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.41  | 88  | 1020  | 0.398  | ng | # 91 |
| 3) n-Nitrosodimethylamine      | 3.74  | 42  | 1017  | 0.311  | ng | # 94 |
| 6) bis(2-Chloroethyl)ether     | 7.33  | 93  | 2015  | 0.376  | ng | 94   |
| 9) Naphthalene                 | 10.74 | 128 | 28106 | 0.407  | ng | 100  |
| 10) Hexachlorobutadiene        | 11.01 | 225 | 1055  | 0.407  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.35 | 142 | 4576  | 0.409  | ng | 98   |
| 16) Acenaphthylene             | 14.23 | 152 | 7350  | 0.406  | ng | 100  |
| 17) Acenaphthene               | 14.57 | 154 | 4933  | 0.436  | ng | 97   |
| 18) Fluorene                   | 15.55 | 166 | 6363  | 0.414  | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.42 | 248 | 2538  | 0.566  | ng | # 85 |
| 21) Hexachlorobenzene          | 16.55 | 284 | 2243  | 0.792  | ng | 89   |
| 22) Pentachlorophenol          | 16.91 | 266 | 622   | 0.240  | ng | # 76 |
| 23) Phenanthrene               | 17.27 | 178 | 15292 | 0.546  | ng | 99   |
| 24) Anthracene                 | 17.37 | 178 | 11339 | 0.386  | ng | 99   |
| 26) Fluoranthene               | 19.29 | 202 | 13387 | 0.427  | ng | 99   |
| 28) Pyrene                     | 19.65 | 202 | 14243 | 0.434  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.38 | 228 | 13674 | 0.392  | ng | 99   |
| 31) Chrysene                   | 21.44 | 228 | 13349 | 0.397  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 29706 | 0.178  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.54 | 276 | 13432 | 0.373  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 23.13 | 252 | 13101 | 0.373  | ng | 100  |
| 36) Benzo(k)fluoranthene       | 23.18 | 252 | 13289 | 0.395  | ng | 99   |
| 37) Benzo(a)pyrene             | 23.79 | 252 | 12276 | 0.387  | ng | 99   |
| 38) Dibenzo(a,h)anthracene     | 26.56 | 278 | 11516 | 0.383  | ng | 100  |
| 39) Benzo(g,h,i)perylene       | 27.36 | 276 | 11616 | 0.391  | ng | 98   |

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

