

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040216\  
 Data File : BE091592.D  
 Acq On : 1 Apr 2016 16:05  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Apr 01 23:46:32 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE033016.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 30 18:45:59 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 36641    | 5.00 | ng    | -0.02    |
| 6) Naphthalene-d8         | 10.59 | 136  | 174116   | 5.00 | ng    | 0.00     |
| 10) Acenaphthene-d10      | 14.42 | 164  | 107720   | 5.00 | ng    | -0.03    |
| 16) Phenanthrene-d10      | 17.16 | 188  | 276027   | 5.00 | ng    | -0.01    |
| 22) Chrysene-d12          | 21.31 | 240  | 347920   | 5.00 | ng    | -0.02    |
| 28) Perylene-d12          | 23.77 | 264  | 314316   | 5.00 | ng    | -0.02    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.41  | 112 | 3531  | 0.37 | ng | -0.02 |
| 5) Phenol-d6                | 6.97  | 99  | 4815  | 0.37 | ng | -0.02 |
| 7) Nitrobenzene-d5          | 8.96  | 82  | 4099  | 0.35 | ng | -0.02 |
| 11) 2,4,6-Tribromophenol    | 15.91 | 330 | 1206  | 0.25 | ng | -0.01 |
| 12) 2-Fluorobiphenyl        | 13.05 | 172 | 11756 | 0.38 | ng | -0.02 |
| 24) Terphenyl-d14           | 19.78 | 244 | 16776 | 0.38 | ng | 0.00  |

|                            |       |     |        |      |    |        |
|----------------------------|-------|-----|--------|------|----|--------|
| Target Compounds           |       |     |        |      |    | Qvalue |
| 2) 1,4-Dioxane             | 3.35  | 88  | 1818   | 0.32 | ng | # 93   |
| 3) n-Nitrosodimethylamine  | 3.64  | 42  | 2345   | 0.35 | ng | # 96   |
| 8) Naphthalene             | 10.63 | 128 | 14007  | 0.39 | ng | 97     |
| 9) 2-Methylnaphthalene     | 12.25 | 142 | 9002   | 0.38 | ng | 94     |
| 13) Acenaphthylene         | 14.14 | 152 | 16787  | 0.39 | ng | # 92   |
| 14) Acenaphthene           | 14.49 | 154 | 10304  | 0.39 | ng | 97     |
| 15) Fluorene               | 15.47 | 166 | 13001  | 0.38 | ng | 100    |
| 17) Hexachlorobenzene      | 16.46 | 284 | 3962m  | 0.39 | ng |        |
| 18) Pentachlorophenol      | 16.81 | 266 | 1558   | 0.27 | ng | 88     |
| 19) Phenanthrene           | 17.19 | 178 | 24424  | 0.38 | ng | 99     |
| 20) Anthracene             | 17.29 | 178 | 21442  | 0.36 | ng | 100    |
| 21) Fluoranthene           | 19.20 | 202 | 26764  | 0.35 | ng | 100    |
| 23) Pyrene                 | 19.57 | 202 | 27880  | 0.39 | ng | 99     |
| 25) Benzo(a)anthracene     | 21.29 | 228 | 31029m | 0.38 | ng |        |
| 26) Chrysene               | 21.36 | 228 | 28046m | 0.40 | ng |        |
| 27) Indeno(1,2,3-cd)pyrene | 26.33 | 276 | 32435  | 0.40 | ng | 100    |
| 29) Benzo(b)fluoranthene   | 23.01 | 252 | 28664  | 0.38 | ng | 99     |
| 30) Benzo(k)fluoranthene   | 23.06 | 252 | 28729  | 0.39 | ng | 96     |
| 31) Benzo(a)pyrene         | 23.65 | 252 | 26888  | 0.39 | ng | 97     |
| 32) Dibenzo(a,h)anthracene | 26.35 | 278 | 26554  | 0.39 | ng | 99     |
| 33) Benzo(g,h,i)perylene   | 27.12 | 276 | 27390  | 0.39 | ng | 98     |

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

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