

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE033016\  
 Data File : BE091553.D  
 Acq On : 30 Mar 2016 12:10  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Mar 30 12:39:59 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE032516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 19:00:32 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 42483    | 5.00 | ng    | -0.02    |
| 6) Naphthalene-d8         | 10.59 | 136  | 195099   | 5.00 | ng    | 0.00     |
| 10) Acenaphthene-d10      | 14.42 | 164  | 118791   | 5.00 | ng    | -0.03    |
| 16) Phenanthrene-d10      | 17.16 | 188  | 300065   | 5.00 | ng    | -0.01    |
| 22) Chrysene-d12          | 21.31 | 240  | 419917   | 5.00 | ng    | -0.02    |
| 28) Perylene-d12          | 23.76 | 264  | 361890   | 5.00 | ng    | -0.03    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.41  | 112 | 4766  | 0.58 | ng | -0.02 |
| 5) Phenol-d6                | 6.97  | 99  | 6103  | 0.54 | ng | -0.02 |
| 7) Nitrobenzene-d5          | 8.88  | 82  | 465   | 0.05 | ng | -0.10 |
| 11) 2,4,6-Tribromophenol    | 15.91 | 330 | 2018  | 1.00 | ng | -0.01 |
| 12) 2-Fluorobiphenyl        | 13.05 | 172 | 13696 | 0.41 | ng | -0.02 |
| 24) Terphenyl-d14           | 19.78 | 244 | 22710 | 0.33 | ng | 0.00  |

|                            |       |     |        |        |    |      |
|----------------------------|-------|-----|--------|--------|----|------|
| Target Compounds           |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane             | 3.35  | 88  | 2449   | 0.44   | ng | # 91 |
| 3) n-Nitrosodimethylamine  | 3.64  | 42  | 3103   | 0.58   | ng | 98   |
| 8) Naphthalene             | 10.63 | 128 | 16567  | 0.42   | ng | 97   |
| 9) 2-Methylnaphthalene     | 12.24 | 142 | 10675  | 0.43   | ng | # 87 |
| 13) Acenaphthylene         | 14.14 | 152 | 22460  | 0.54   | ng | # 94 |
| 14) Acenaphthene           | 14.49 | 154 | 11778  | 0.40   | ng | 96   |
| 15) Fluorene               | 15.47 | 166 | 15887  | 0.44   | ng | 99   |
| 17) Hexachlorobenzene      | 16.46 | 284 | 4361   | 0.41   | ng | 96   |
| 18) Pentachlorophenol      | 16.81 | 266 | 2881   | 0.91   | ng | 89   |
| 19) Phenanthrene           | 17.19 | 178 | 28883  | 0.42   | ng | 100  |
| 20) Anthracene             | 17.29 | 178 | 26688  | 0.47   | ng | 100  |
| 21) Fluoranthene           | 19.21 | 202 | 36418  | 0.57   | ng | 100  |
| 23) Pyrene                 | 19.57 | 202 | 37312  | 0.38   | ng | 100  |
| 25) Benzo(a)anthracene     | 21.29 | 228 | 39217m | 0.40   | ng |      |
| 26) Chrysene               | 21.36 | 228 | 34184m | 0.27   | ng |      |
| 27) Indeno(1,2,3-cd)pyrene | 26.33 | 276 | 38767  | 0.39   | ng | 100  |
| 29) Benzo(b)fluoranthene   | 23.01 | 252 | 36078  | 0.45   | ng | 98   |
| 30) Benzo(k)fluoranthene   | 23.06 | 252 | 34479  | 0.43   | ng | 96   |
| 31) Benzo(a)pyrene         | 23.65 | 252 | 33381  | 0.60   | ng | 97   |
| 32) Dibenzo(a,h)anthracene | 26.35 | 278 | 31962  | 0.45   | ng | 100  |
| 33) Benzo(g,h,i)perylene   | 27.12 | 276 | 32798  | 0.44   | ng | 99   |

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

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