

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032516\  
 Data File : BE091530.D  
 Acq On : 25 Mar 2016 18:26  
 Operator : UM/SJ  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 ICVBE032516

Quant Time: Mar 25 19:06:13 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 18:30:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 36694    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.59 | 136  | 173333   | 5.00 | ng    | 0.00     |
| 10) Acenaphthene-d10      | 14.43 | 164  | 100329   | 5.00 | ng    | -0.01    |
| 16) Phenanthrene-d10      | 17.17 | 188  | 259116   | 5.00 | ng    | 0.00     |
| 22) Chrysene-d12          | 21.33 | 240  | 261140   | 5.00 | ng    | 0.00     |
| 28) Perylene-d12          | 23.78 | 264  | 267559   | 5.00 | ng    | -0.01    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.42  | 112 | 2818  | 0.39 | ng | 0.00  |
| 5) Phenol-d6                | 6.99  | 99  | 3695  | 0.38 | ng | 0.00  |
| 7) Nitrobenzene-d5          | 8.97  | 82  | 3037  | 0.40 | ng | -0.01 |
| 11) 2,4,6-Tribromophenol    | 15.91 | 330 | 674m  | 0.39 | ng | -0.01 |
| 12) 2-Fluorobiphenyl        | 13.06 | 172 | 11394 | 0.40 | ng | -0.01 |
| 24) Terphenyl-d14           | 19.78 | 244 | 15923 | 0.37 | ng | 0.00  |

|                            |       |     |        |      |    |        |
|----------------------------|-------|-----|--------|------|----|--------|
| Target Compounds           |       |     |        |      |    | Qvalue |
| 2) 1,4-Dioxane             | 3.37  | 88  | 2019   | 0.41 | ng | 96     |
| 3) n-Nitrosodimethylamine  | 3.68  | 42  | 1737   | 0.41 | ng | # 92   |
| 8) Naphthalene             | 10.65 | 128 | 14070  | 0.40 | ng | # 94   |
| 9) 2-Methylnaphthalene     | 12.26 | 142 | 8499   | 0.39 | ng | 98     |
| 13) Acenaphthylene         | 14.15 | 152 | 13223  | 0.38 | ng | # 92   |
| 14) Acenaphthene           | 14.49 | 154 | 10038  | 0.40 | ng | 99     |
| 15) Fluorene               | 15.47 | 166 | 11575  | 0.38 | ng | 99     |
| 17) Hexachlorobenzene      | 16.48 | 284 | 3515   | 0.39 | ng | 92     |
| 18) Pentachlorophenol      | 16.81 | 266 | 828    | 0.43 | ng | 97     |
| 19) Phenanthrene           | 17.21 | 178 | 23506  | 0.40 | ng | 99     |
| 20) Anthracene             | 17.30 | 178 | 18262  | 0.37 | ng | 100    |
| 21) Fluoranthene           | 19.21 | 202 | 20535  | 0.37 | ng | 98     |
| 23) Pyrene                 | 19.57 | 202 | 22624  | 0.37 | ng | 98     |
| 25) Benzo(a)anthracene     | 21.31 | 228 | 22090m | 0.37 | ng |        |
| 26) Chrysene               | 21.36 | 228 | 32124m | 0.41 | ng |        |
| 27) Indeno(1,2,3-cd)pyrene | 26.35 | 276 | 22276  | 0.36 | ng | 99     |
| 29) Benzo(b)fluoranthene   | 23.02 | 252 | 21277  | 0.36 | ng | 99     |
| 30) Benzo(k)fluoranthene   | 23.08 | 252 | 22549  | 0.38 | ng | 98     |
| 31) Benzo(a)pyrene         | 23.67 | 252 | 16878  | 0.48 | ng | 100    |
| 32) Dibenzo(a,h)anthracene | 26.37 | 278 | 18966  | 0.36 | ng | 100    |
| 33) Benzo(g,h,i)perylene   | 27.15 | 276 | 20288  | 0.37 | ng | 99     |

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

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