

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032516\  
 Data File : BE091522.D  
 Acq On : 25 Mar 2016 13:28  
 Operator : UM/SJ  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

Quant Time: Mar 25 16:07:33 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 15:55:56 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 39776    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.59 | 136  | 185198   | 5.00 | ng    | 0.00     |
| 10) Acenaphthene-d10      | 14.43 | 164  | 105509   | 5.00 | ng    | 0.00     |
| 16) Phenanthrene-d10      | 17.17 | 188  | 277654   | 5.00 | ng    | 0.00     |
| 22) Chrysene-d12          | 21.33 | 240  | 268288   | 5.00 | ng    | 0.00     |
| 28) Perylene-d12          | 23.78 | 264  | 287728   | 5.00 | ng    | 0.00     |

|                             |       |     |      |      |    |      |
|-----------------------------|-------|-----|------|------|----|------|
| System Monitoring Compounds |       |     |      |      |    |      |
| 4) 2-Fluorophenol           | 5.42  | 112 | 1419 | 0.16 | ng | 0.00 |
| 5) Phenol-d6                | 6.99  | 99  | 1869 | 0.16 | ng | 0.00 |
| 7) Nitrobenzene-d5          | 8.97  | 82  | 1369 | 0.17 | ng | 0.00 |
| 11) 2,4,6-Tribromophenol    | 15.91 | 330 | 312m | 0.10 | ng | 0.00 |
| 12) 2-Fluorobiphenyl        | 13.06 | 172 | 5838 | 0.22 | ng | 0.00 |
| 24) Terphenyl-d14           | 19.78 | 244 | 8334 | 0.26 | ng | 0.00 |

|                            |       |     |        |        |    |      |
|----------------------------|-------|-----|--------|--------|----|------|
| Target Compounds           |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane             | 3.37  | 88  | 1225   | 0.25   | ng | 89   |
| 3) n-Nitrosodimethylamine  | 3.68  | 42  | 748    | 0.11   | ng | # 94 |
| 8) Naphthalene             | 10.65 | 128 | 7404   | 0.16   | ng | # 94 |
| 9) 2-Methylnaphthalene     | 12.26 | 142 | 4326   | 0.15   | ng | 99   |
| 13) Acenaphthylene         | 14.15 | 152 | 7005   | 0.16   | ng | # 86 |
| 14) Acenaphthene           | 14.49 | 154 | 5033   | 0.15   | ng | 93   |
| 15) Fluorene               | 15.47 | 166 | 6030   | 0.15   | ng | 99   |
| 17) Hexachlorobenzene      | 16.48 | 284 | 1815   | 0.15   | ng | 93   |
| 18) Pentachlorophenol      | 16.81 | 266 | 412    | 0.09   | ng | 89   |
| 19) Phenanthrene           | 17.21 | 178 | 12614  | 0.16   | ng | 99   |
| 20) Anthracene             | 17.30 | 178 | 9261   | 0.13   | ng | 100  |
| 21) Fluoranthene           | 19.22 | 202 | 10686  | 0.12   | ng | 98   |
| 23) Pyrene                 | 19.57 | 202 | 11532  | 0.17   | ng | 98   |
| 25) Benzo(a)anthracene     | 21.31 | 228 | 11768m | 0.16   | ng |      |
| 26) Chrysene               | 21.36 | 228 | 16300m | 0.22   | ng |      |
| 27) Indeno(1,2,3-cd)pyrene | 26.35 | 276 | 11480  | 0.15   | ng | 100  |
| 29) Benzo(b)fluoranthene   | 23.02 | 252 | 12298m | 0.14   | ng |      |
| 30) Benzo(k)fluoranthene   | 23.08 | 252 | 10200  | 0.11   | ng | 97   |
| 31) Benzo(a)pyrene         | 23.67 | 252 | 8894   | 0.11   | ng | # 96 |
| 32) Dibenzo(a,h)anthracene | 26.39 | 278 | 9673   | 0.12   | ng | 97   |
| 33) Benzo(g,h,i)perylene   | 27.15 | 276 | 10732  | 0.13   | ng | 98   |

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

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