

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE031816\  
 Data File : BE091475.D  
 Acq On : 17 Mar 2016 20:23  
 Operator : UM/SJ  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

UMANGI  
 3/18/2016 6:10:54 PM

Quant Time: Mar 18 14:17:24 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE031816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 18 02:38:58 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 57154    | 5.00  | ng    | 0.00     |
| 6) Naphthalene-d8           | 10.61 | 136  | 273787   | 5.00  | ng    | 0.00     |
| 10) Acenaphthene-d10        | 14.45 | 164  | 159819   | 5.00  | ng    | 0.00     |
| 16) Phenanthrene-d10        | 17.18 | 188  | 381109   | 5.00  | ng    | 0.00     |
| 22) Chrysene-d12            | 21.34 | 240  | 539489   | 5.00  | ng    | 0.00     |
| 28) Perylene-d12            | 23.81 | 264  | 456464   | 5.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.42  | 112  | 72005    | 6.98  | ng    | 0.00     |
| 5) Phenol-d6                | 6.99  | 99   | 101320   | 8.28  | ng    | 0.00     |
| 7) Nitrobenzene-d5          | 8.98  | 82   | 72552    | 6.19  | ng    | 0.00     |
| 11) 2,4,6-Tribromophenol    | 15.92 | 330  | 28015m   | 6.58  | ng    | -0.01    |
| 12) 2-Fluorobiphenyl        | 13.07 | 172  | 221896   | 4.98  | ng    | 0.00     |
| 24) Terphenyl-d14           | 19.80 | 244  | 343856   | 5.10  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane              | 3.37  | 88   | 34111    | 5.26  | ng    | 95       |
| 3) n-Nitrosodimethylamine   | 3.66  | 42   | 60702    | 12.39 | ng    | # 91     |
| 8) Naphthalene              | 10.65 | 128  | 352730   | 4.81  | ng    | 99       |
| 9) 2-Methylnaphthalene      | 12.27 | 142  | 238057   | 5.16  | ng    | 95       |
| 13) Acenaphthylene          | 14.16 | 152  | 415324   | 5.26  | ng    | 98       |
| 14) Acenaphthene            | 14.50 | 154  | 266582   | 4.69  | ng    | 99       |
| 15) Fluorene                | 15.48 | 166  | 335354   | 5.09  | ng    | 100      |
| 17) Hexachlorobenzene       | 16.48 | 284  | 87719    | 3.62  | ng    | 99       |
| 18) Pentachlorophenol       | 16.83 | 266  | 45163    | 19.19 | ng    | 93       |
| 19) Phenanthrene            | 17.22 | 178  | 566966   | 4.73  | ng    | 99       |
| 20) Anthracene              | 17.31 | 178  | 547368   | 5.16  | ng    | 99       |
| 21) Fluoranthene            | 19.23 | 202  | 700828   | 5.47  | ng    | 100      |
| 23) Pyrene                  | 19.59 | 202  | 741719   | 3.71  | ng    | 99       |
| 25) Benzo(a)anthracene      | 21.31 | 228  | 807520m  | 4.52  | ng    |          |
| 27) Indeno(1,2,3-cd)pyrene  | 26.40 | 276  | 842660   | 5.56  | ng    | 99       |
| 29) Benzo(b)fluoranthene    | 23.04 | 252  | 758085   | 4.58  | ng    | 96       |
| 30) Benzo(k)fluoranthene    | 23.09 | 252  | 771573   | 4.71  | ng    | 93       |
| 31) Benzo(a)pyrene          | 23.69 | 252  | 714721   | 5.11  | ng    | # 95     |
| 32) Dibenzo(a,h)anthracene  | 26.42 | 278  | 710477   | 6.05  | ng    | 97       |
| 33) Benzo(g,h,i)perylene    | 27.18 | 276  | 714165   | 5.37  | ng    | 98       |

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

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