

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE121515\  
 Data File : BE091352.D  
 Acq On : 15 Dec 2015 9:50  
 Operator : UM/SJ  
 Sample : SSTDCCC0.4EC  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 15 10:20:50 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM02.2-EPA-SIM-BE121515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 04:50:57 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.92  | 152  | 4398     | 0.40   | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 9.57  | 136  | 20259    | 0.40   | ng/ul  | 0.00     |
| 8) Acenaphthene-d10         | 13.37 | 164  | 7405     | 0.40   | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 16.09 | 188  | 23469    | 0.40   | ng/ul  | -0.01    |
| 18) Chrysene-d12            | 20.23 | 240  | 19273    | 0.40   | ng/ul  | 0.00     |
| 22) Perylene-d12            | 22.11 | 264  | 15591    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 2) 1,4-Dioxane-d8           | 2.95  | 96   | 5762     | 1.86   | ng/uL  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.08 | 152  | 7056     | 0.52   | ng/ul  | 0.00     |
| 16) Fluoranthene-d10        | 18.07 | 212  | 17214    | 0.43   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) 1,4-Dioxane              | 2.97  | 88   | 6376     | 1.66   | ng/ul  | 99       |
| 5) Naphthalene              | 9.61  | 128  | 17281    | 0.43   | ng/ul  | 94       |
| 7) 2-Methylnaphthalene      | 11.15 | 142  | 8210     | 0.52   | ng/ul  | 92       |
| 9) Acenaphthylene           | 13.12 | 152  | 13836    | 0.40   | ng/ul  | 96       |
| 10) Acenaphthene            | 13.43 | 153  | 10275    | 0.38   | ng/ul  | 93       |
| 11) Fluorene                | 14.42 | 166  | 14098    | 0.41   | ng/ul  | 88       |
| 13) Pentachlorophenol       | 15.87 | 266  | 688      | 0.41   | ng/ul# | 84       |
| 14) Phenanthrene            | 16.12 | 178  | 97445    | 0.45   | ng/ul  | 96       |
| 15) Anthracene              | 16.21 | 178  | 81501    | 0.46   | ng/ul  | 95       |
| 17) Fluoranthene            | 18.10 | 202  | 88696    | 0.45   | ng/ul  | 98       |
| 19) Pyrene                  | 18.48 | 202  | 77053    | 0.36   | ng/ul  | 100      |
| 20) Benzo(a)anthracene      | 20.20 | 228  | 13204    | 0.35   | ng/ul  | 94       |
| 21) Chrysene                | 20.26 | 228  | 23182    | 0.42   | ng/ul  | 96       |
| 23) Benzo(b)fluoranthene    | 21.56 | 252  | 18175    | 0.47   | ng/ul  | 98       |
| 24) Benzo(k)fluoranthene    | 21.58 | 252  | 21376    | 0.46   | ng/ul  | 96       |
| 25) Benzo(a)pyrene          | 22.02 | 252  | 17249    | 0.43   | ng/ul  | 98       |
| 26) Indeno(1,2,3-cd)pyrene  | 23.71 | 276  | 74949    | 0.46   | ng/ul  | 91       |
| 27) Dibenzo(a,h)anthracene  | 23.66 | 278  | 12886    | 0.42   | ng/ul  | 96       |
| 28) Benzo(g,h,i)perylene    | 24.26 | 276  | 69060    | 0.41   | ng/ul  | 97       |

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

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