

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080117\  
 Data File : BE093615.D  
 Acq On : 1 Aug 2017 14:14  
 Operator : SJ/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Aug 01 14:52:29 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 01 14:41:34 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 2338     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.71 | 136  | 10633    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.53 | 164  | 6082     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.24 | 188  | 17782    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.40 | 240  | 18949    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.91 | 264  | 15166    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 4) 2-Fluorophenol           | 5.51  | 112 | 5382   | 0.66 | ng | 0.00  |
| 5) Phenol-d6                | 7.09  | 99  | 7780   | 0.68 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 9.06  | 82  | 6351   | 0.75 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 13366  | 0.78 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.00 | 330 | 1134   | 0.51 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.15 | 172 | 19139  | 0.80 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.27 | 212 | 149218 | 0.53 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.86 | 244 | 26544  | 0.77 | ng | 0.00  |

|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.44  | 88  | 3052  | 0.786  | ng | 97    |
| 3) n-Nitrosodimethylamine      | 3.74  | 42  | 2966  | 0.772  | ng | 97    |
| 6) bis(2-Chloroethyl)ether     | 7.34  | 93  | 6949  | 0.768  | ng | # 99  |
| 9) Naphthalene                 | 10.76 | 128 | 96709 | 0.781  | ng | 99    |
| 10) Hexachlorobutadiene        | 11.04 | 225 | 3658  | 0.760  | ng | 98    |
| 12) 2-Methylnaphthalene        | 12.36 | 142 | 16012 | 0.771  | ng | 97    |
| 16) Acenaphthylene             | 14.24 | 152 | 23048 | 0.752  | ng | # 88  |
| 17) Acenaphthene               | 14.59 | 154 | 16202 | 0.779  | ng | 99    |
| 18) Fluorene                   | 15.56 | 166 | 21606 | 0.738  | ng | # 87  |
| 20) 4-Bromophenyl-phenylether  | 16.42 | 248 | 3639  | 0.525  | ng | # 1   |
| 21) Hexachlorobenzene          | 16.55 | 284 | 3962  | 0.595  | ng | # 100 |
| 22) Pentachlorophenol          | 16.91 | 266 | 1762  | 0.453  | ng | 95    |
| 23) Phenanthrene               | 17.27 | 178 | 29282 | 0.726  | ng | # 79  |
| 24) Anthracene                 | 17.37 | 178 | 41826 | 0.678  | ng | # 89  |
| 26) Fluoranthene               | 19.30 | 202 | 46074 | 0.536  | ng | 99    |
| 28) Pyrene                     | 19.66 | 202 | 47198 | 0.769  | ng | # 99  |
| 30) Benzo(a)anthracene         | 21.39 | 228 | 44213 | 0.725  | ng | 95    |
| 31) Chrysene                   | 21.45 | 228 | 48739 | 0.807  | ng | 96    |
| 32) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 54669 | 0.414  | ng | 98    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.55 | 276 | 43497 | 0.761  | ng | 93    |
| 35) Benzo(b)fluoranthene       | 23.14 | 252 | 42914 | 0.806  | ng | # 93  |
| 36) Benzo(k)fluoranthene       | 23.19 | 252 | 44035 | 0.837  | ng | # 92  |
| 37) Benzo(a)pyrene             | 23.80 | 252 | 38843 | 0.784  | ng | # 91  |
| 38) Dibenzo(a,h)anthracene     | 26.57 | 278 | 38057 | 0.813  | ng | # 89  |
| 39) Benzo(g,h,i)perylene       | 27.36 | 276 | 38196 | 0.813  | ng | # 91  |

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

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