

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE090215\  
 Data File : BE090707.D  
 Acq On : 2 Sep 2015 16:45  
 Operator : UM/IZ  
 Sample : G3484-04MS  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MW01-082815MS

Quant Time: Sep 02 23:05:18 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 23:04:24 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 46484    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.30 | 136  | 225805   | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.17 | 164  | 124620   | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.91 | 188  | 302880   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12          | 21.07 | 240  | 359251   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12          | 23.36 | 264  | 334206   | 5.00 | ng    | 0.00     |

|                             |       |     |        |       |    |       |
|-----------------------------|-------|-----|--------|-------|----|-------|
| System Monitoring Compounds |       |     |        |       |    |       |
| 4) 2-Fluorophenol           | 5.18  | 112 | 22395  | 2.48  | ng | 0.00  |
| 5) Phenol-d6                | 6.75  | 99  | 22316  | 1.72  | ng | 0.00  |
| 7) Nitrobenzene-d5          | 8.69  | 82  | 45180  | 3.03  | ng | -0.02 |
| 13) 2,4,6-Tribromophenol    | 15.68 | 330 | 51199  | 13.88 | ng | 0.00  |
| 14) 2-Fluorobiphenyl        | 12.79 | 172 | 120203 | 3.48  | ng | 0.00  |
| 27) Terphenyl-d14           | 19.53 | 244 | 259405 | 6.53  | ng | 0.00  |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.16  | 88  | 4370   | 0.56   | ng | 98   |
| 3) n-Nitrosodimethylamine      | 3.45  | 42  | 5373   | 0.58   | ng | # 90 |
| 8) Nitrobenzene                | 8.74  | 77  | 43429  | 2.43   | ng | 98   |
| 9) Naphthalene                 | 10.35 | 128 | 123885 | 2.52   | ng | 100  |
| 10) Hexachlorobutadiene        | 10.65 | 225 | 16712  | 2.17   | ng | 100  |
| 11) 2-Methylnaphthalene        | 11.97 | 142 | 93708  | 3.52   | ng | 98   |
| 15) Acenaphthylene             | 13.88 | 152 | 778194 | 3.91   | ng | 100  |
| 16) Acenaphthene               | 14.22 | 154 | 119459 | 3.59   | ng | 89   |
| 17) Fluorene                   | 15.22 | 166 | 173918 | 4.19   | ng | 96   |
| 19) 4-Bromophenyl-phenylether  | 16.11 | 248 | 47120  | 4.56   | ng | 95   |
| 20) Hexachlorobenzene          | 16.23 | 284 | 206329 | 4.17   | ng | 97   |
| 21) Pentachlorophenol          | 16.58 | 266 | 63243  | 14.64  | ng | 91   |
| 22) Phenanthrene               | 16.95 | 178 | 314930 | 4.20   | ng | 99   |
| 23) Anthracene                 | 17.03 | 178 | 309988 | 4.95   | ng | 100  |
| 24) Fluoranthene               | 18.95 | 202 | 387032 | 4.90   | ng | 99   |
| 26) Pyrene                     | 19.31 | 202 | 410748 | 5.52   | ng | 99   |
| 28) Benzo(a)anthracene         | 21.05 | 228 | 382561 | 4.86   | ng | 98   |
| 29) Chrysene                   | 21.11 | 228 | 386418 | 4.66   | ng | 99   |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 234606 | 7.58   | ng | 99   |
| 31) Indeno(1,2,3-cd)pyrene     | 25.72 | 276 | 416255 | 4.90   | ng | 98   |
| 33) Benzo(b)fluoranthene       | 22.66 | 252 | 365610 | 5.05   | ng | 100  |
| 34) Benzo(k)fluoranthene       | 22.71 | 252 | 388585 | 4.60   | ng | 99   |
| 35) Benzo(a)pyrene             | 23.26 | 252 | 348232 | 5.37   | ng | 100  |
| 36) Dibenzo(a,h)anthracene     | 25.74 | 278 | 343172 | 4.36   | ng | 99   |
| 37) Benzo(g,h,i)perylene       | 26.45 | 276 | 352949 | 4.73   | ng | 99   |

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

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