

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE063015\  
 Data File : BE090036.D  
 Acq On : 1 Jul 2015 7:46  
 Operator : TP/IZ  
 Sample : G2811-09  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 X1SB0510204-150625

Quant Time: Jul 01 17:22:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BE062915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 30 07:01:01 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 16       | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.38 | 136  | 18       | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.22 | 164  | 8        | 5.00 | ng    | -0.01    |
| 18) Phenanthrene-d10      | 16.96 | 188  | 55       | 5.00 | ng    | -0.02    |
| 25) Chrysene-d12          | 21.12 | 240  | 291      | 5.00 | ng    | -0.01    |
| 32) Perylene-d12          | 23.44 | 264  | 617      | 5.00 | ng    | -0.02    |

|                             |       |     |    |      |    |       |
|-----------------------------|-------|-----|----|------|----|-------|
| System Monitoring Compounds |       |     |    |      |    |       |
| 4) 2-Fluorophenol           | 5.26  | 112 | 12 | 3.26 | ng | 0.01  |
| 5) Phenol-d6                | 6.80  | 99  | 5  | 0.97 | ng | 0.00  |
| 7) Nitrobenzene-d5          | 8.76  | 82  | 1  | 0.70 | ng | 0.00  |
| 13) 2,4,6-Tribromophenol    | 15.74 | 330 | 1  | 4.27 | ng | 0.02  |
| 14) 2-Fluorobiphenyl        | 12.84 | 172 | 1  | 0.42 | ng | -0.02 |
| 27) Terphenyl-d14           | 19.58 | 244 | 35 | 0.72 | ng | 0.00  |

|                                |       |     |      |       |    |        |
|--------------------------------|-------|-----|------|-------|----|--------|
| Target Compounds               |       |     |      |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.26  | 88  | 2    | 0.91  | ng | # 1    |
| 3) n-Nitrosodimethylamine      | 3.53  | 42  | 10   | 3.36  | ng | # 1    |
| 8) Nitrobenzene                | 8.80  | 77  | 2    | 1.32  | ng | # 54   |
| 9) Naphthalene                 | 10.41 | 128 | 3    | 0.74  | ng | # 1    |
| 10) Hexachlorobutadiene        | 10.71 | 225 | 1    | 1.56  | ng | # 1    |
| 11) 2-Methylnaphthalene        | 12.04 | 142 | 1    | 0.37  | ng | # 50   |
| 15) Acenaphthylene             | 13.92 | 152 | 9    | 0.62  | ng | # 1    |
| 16) Acenaphthene               | 14.32 | 154 | 2    | 0.96  | ng | # 1    |
| 17) Fluorene                   | 15.33 | 166 | 45   | 15.91 | ng | # 46   |
| 19) 4-Bromophenyl-phenylether  | 16.13 | 248 | 6    | 2.57  | ng | # 1    |
| 20) Hexachlorobenzene          | 16.28 | 284 | 17   | 1.75  | ng | # 38   |
| 21) Pentachlorophenol          | 16.63 | 266 | 10   | 8.02  | ng | # 58   |
| 22) Phenanthrene               | 17.01 | 178 | 45   | 3.19  | ng | # 89   |
| 23) Anthracene                 | 17.01 | 178 | 45   | 3.49  | ng | # 88   |
| 24) Fluoranthene               | 19.01 | 202 | 112  | 7.12  | ng | # 92   |
| 26) Pyrene                     | 19.37 | 202 | 76   | 1.10  | ng | # 62   |
| 28) Benzo(a)anthracene         | 21.11 | 228 | 407  | 5.60  | ng | # 59   |
| 29) Chrysene                   | 21.15 | 228 | 285  | 3.78  | ng | # 59   |
| 30) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 9    | 0.56  | ng | # 1    |
| 31) Indeno(1,2,3-cd)pyrene     | 25.84 | 276 | 808  | 11.17 | ng | # 95   |
| 33) Benzo(b)fluoranthene       | 22.73 | 252 | 1235 | 9.07  | ng | # 47   |
| 34) Benzo(k)fluoranthene       | 22.73 | 252 | 1235 | 8.12  | ng | # 47   |
| 35) Benzo(a)pyrene             | 23.33 | 252 | 748  | 5.95  | ng | # 50   |
| 36) Dibenzo(a,h)anthracene     | 25.85 | 278 | 289  | 2.24  | ng | # 18   |
| 37) Benzo(g,h,i)perylene       | 26.57 | 276 | 776  | 5.93  | ng | # 60   |

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

