

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE062615\  
 Data File : BE089949.D  
 Acq On : 26 Jun 2015 18:58  
 Operator : TP/IZ  
 Sample : G2782-32MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 X1SS0610204-150624MSD

Quant Time: Jun 27 01:00:34 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BE062315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 25 16:51:27 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 23867    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.39 | 136  | 110010   | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.24 | 164  | 67948    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.98 | 188  | 164122   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12          | 21.13 | 240  | 185177   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12          | 23.47 | 264  | 163089   | 5.00 | ng    | 0.00     |

|                             |       |     |        |       |    |      |
|-----------------------------|-------|-----|--------|-------|----|------|
| System Monitoring Compounds |       |     |        |       |    |      |
| 4) 2-Fluorophenol           | 5.26  | 112 | 59222  | 13.74 | ng | 0.00 |
| 5) Phenol-d6                | 6.81  | 99  | 97338  | 14.74 | ng | 0.00 |
| 7) Nitrobenzene-d5          | 8.77  | 82  | 72622  | 8.87  | ng | 0.00 |
| 13) 2,4,6-Tribromophenol    | 15.74 | 330 | 18009  | 14.75 | ng | 0.00 |
| 14) 2-Fluorobiphenyl        | 12.87 | 172 | 162504 | 8.21  | ng | 0.00 |
| 27) Terphenyl-d14           | 19.60 | 244 | 259925 | 8.13  | ng | 0.00 |

|                                |       |     |        |        |    |       |
|--------------------------------|-------|-----|--------|--------|----|-------|
| Target Compounds               |       |     |        | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.26  | 88  | 11307  | 3.96   | ng | 99    |
| 3) n-Nitrosodimethylamine      | 3.54  | 42  | 17931  | 4.18   | ng | # 98  |
| 8) Nitrobenzene                | 8.81  | 77  | 40230  | 4.62   | ng | 96    |
| 9) Naphthalene                 | 10.44 | 128 | 103181 | 4.22   | ng | 100   |
| 10) Hexachlorobutadiene        | 10.74 | 225 | 15776  | 4.08   | ng | 99    |
| 11) 2-Methylnaphthalene        | 12.05 | 142 | 72425  | 4.33   | ng | 98    |
| 15) Acenaphthylene             | 13.96 | 152 | 509516 | 4.28   | ng | 100   |
| 16) Acenaphthene               | 14.30 | 154 | 75587  | 4.32   | ng | 97    |
| 17) Fluorene                   | 15.29 | 166 | 104153 | 4.76   | ng | 97    |
| 19) 4-Bromophenyl-phenylether  | 16.18 | 248 | 29158  | 4.36   | ng | 95    |
| 20) Hexachlorobenzene          | 16.30 | 284 | 125792 | 4.29   | ng | 98    |
| 21) Pentachlorophenol          | 16.63 | 266 | 14664  | 9.05   | ng | 89    |
| 22) Phenanthrene               | 17.01 | 178 | 170758 | 4.15   | ng | 99    |
| 23) Anthracene                 | 17.12 | 178 | 170075 | 4.45   | ng | 99    |
| 24) Fluoranthene               | 19.03 | 202 | 200193 | 4.48   | ng | 100   |
| 26) Pyrene                     | 19.38 | 202 | 214252 | 4.57   | ng | 99    |
| 28) Benzo(a)anthracene         | 21.12 | 228 | 200859 | 4.54   | ng | 98    |
| 29) Chrysene                   | 21.17 | 228 | 205676 | 4.25   | ng | 98    |
| 30) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 32067  | 8.50   | ng | 99    |
| 31) Indeno(1,2,3-cd)pyrene     | 25.88 | 276 | 185084 | 5.21   | ng | # 100 |
| 33) Benzo(b)fluoranthene       | 22.76 | 252 | 171108 | 4.96   | ng | 99    |
| 34) Benzo(k)fluoranthene       | 22.80 | 252 | 186383 | 4.77   | ng | 99    |
| 35) Benzo(a)pyrene             | 23.36 | 252 | 162579 | 5.30   | ng | 100   |
| 36) Dibenzo(a,h)anthracene     | 25.90 | 278 | 151246 | 5.30   | ng | 100   |
| 37) Benzo(g,h,i)perylene       | 26.62 | 276 | 157325 | 5.13   | ng | 100   |

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

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