

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE022615\  
 Data File : BE089710.D  
 Acq On : 27 Feb 2015 4:00  
 Operator : TP/JJ  
 Sample : PB81904BSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB81904BSD

Manual Integrations  
 APPROVED

apatel  
 2/27/2015 4:13:17 PM

Quant Time: Feb 27 13:57:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SIM-BE022615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 27 13:38:44 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 9.33  | 152  | 43191    | 5.00  | ng    | 0.00     |
| 7) Naphthalene-d8           | 12.23 | 136  | 181848   | 5.00  | ng    | 0.00     |
| 13) Acenaphthene-d10        | 16.41 | 164  | 83705    | 5.00  | ng    | 0.00     |
| 17) Phenanthrene-d10        | 19.76 | 188  | 148241   | 5.00  | ng    | 0.00     |
| 20) Chrysene-d12            | 23.65 | 240  | 130476   | 5.00  | ng    | 0.00     |
| 27) Perylene-d12            | 25.33 | 264  | 99134    | 5.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 3) 2-Fluorophenol           | 6.49  | 112  | 156774   | 15.00 | ng    | 0.00     |
| 4) Phenol-d6                | 8.61  | 99   | 210902   | 14.86 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 10.60 | 82   | 118582   | 10.51 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 18.31 | 330  | 19654    | 13.60 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 14.87 | 172  | 202697   | 10.90 | ng    | 0.00     |
| 22) Terphenyl-d14           | 22.30 | 244  | 186723   | 11.81 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 2) n-Nitrosodimethylamine   | 3.32  | 42   | 64538    | 8.74  | ng    | # 77     |
| 5) Phenol                   | 8.64  | 94   | 150495   | 9.71  | ng    | # 61     |
| 6) bis(2-Chloroethyl)ether  | 8.82  | 93   | 122090   | 10.05 | ng    | # 98     |
| 9) Nitrobenzene             | 10.64 | 77   | 126140   | 11.78 | ng    | 97       |
| 10) 2,4-Dimethylphenol      | 11.57 | 122  | 86721    | 10.41 | ng    | 99       |
| 11) 2,4-Dichlorophenol      | 11.95 | 162  | 68358    | 11.21 | ng    | 96       |
| 12) Hexachlorobutadiene     | 12.62 | 225  | 32675    | 9.44  | ng    | 100      |
| 16) 2,4-Dinitrophenol       | 16.65 | 184  | 13089    | 14.71 | ng    | # 86     |
| 18) Hexachlorobenzene       | 18.99 | 284  | 39688    | 10.29 | ng    | 88       |
| 19) Pentachlorophenol       | 19.43 | 266  | 28557    | 12.33 | ng    | 94       |
| 21) Benzidine               | 21.96 | 184  | 304227   | 17.04 | ng    | 98       |
| 23) Benzo(a)anthracene      | 23.63 | 228  | 1034905m | 11.16 | ng    |          |
| 24) 3,3'-Dichlorobenzidine  | 23.63 | 252  | 81444    | 9.70  | ng    | # 97     |
| 25) Chrysene                | 23.69 | 228  | 1095921m | 9.61  | ng    |          |
| 26) Indeno(1,2,3-cd)pyrene  | 26.74 | 276  | 199456   | 8.96  | ng    | # 79     |
| 28) Benzo(b)fluoranthene    | 24.91 | 252  | 182962   | 9.92  | ng    | 99       |
| 29) Benzo(k)fluoranthene    | 24.94 | 252  | 270854   | 9.91  | ng    | 99       |
| 30) Benzo(a)pyrene          | 25.27 | 252  | 187091   | 10.10 | ng    | 99       |
| 31) Dibenzo(a,h)anthracene  | 26.77 | 278  | 161917   | 9.61  | ng    | 100      |

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

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