

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE021318\  
 Data File : BE095665.D  
 Acq On : 12 Feb 2018 17:20  
 Operator : SJ/JU  
 Sample : PB106393BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB106393BSD

Manual Integrations  
 APPROVED

Sohil  
 2/13/2018 11:27:25 AM

Quant Time: Feb 13 04:13:27 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE020618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 20:27:34 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.42  | 152  | 1102     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 11.27 | 136  | 4083     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 15.00 | 164  | 2109     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.71 | 188  | 4722     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.79 | 240  | 5378     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.43 | 264  | 5105     | 0.40 | ng    | 0.00     |

## System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.92  | 112 | 1231  | 0.37 | ng | 0.00  |
| 5) Phenol-d6                | 7.55  | 99  | 1583  | 0.34 | ng | -0.01 |
| 8) Nitrobenzene-d5          | 9.61  | 82  | 1619  | 0.37 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.80 | 152 | 2343  | 0.35 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.47 | 330 | 314   | 0.33 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.64 | 172 | 3826  | 0.42 | ng | -0.02 |
| 25) Fluoranthene-d10        | 19.69 | 212 | 23284 | 0.37 | ng | 0.00  |
| 29) Terphenyl-d14           | 20.25 | 244 | 4331  | 0.38 | ng | 0.00  |

## Target Compounds

|                                |       |     |       |      |    | Qvalue |
|--------------------------------|-------|-----|-------|------|----|--------|
| 2) 1,4-Dioxane                 | 3.65  | 88  | 570   | 0.31 | ng | # 36   |
| 3) n-Nitrosodimethylamine      | 3.99  | 42  | 807   | 0.35 | ng | # 88   |
| 6) bis(2-Chloroethyl)ether     | 7.82  | 93  | 1433  | 0.34 | ng | 97     |
| 9) Naphthalene                 | 11.31 | 128 | 16476 | 0.35 | ng | 99     |
| 10) Hexachlorobutadiene        | 11.58 | 225 | 976   | 0.38 | ng | 92     |
| 12) 2-Methylnaphthalene        | 12.88 | 142 | 2760  | 0.34 | ng | 99     |
| 16) Acenaphthylene             | 14.73 | 152 | 3864  | 0.32 | ng | 99     |
| 17) Acenaphthene               | 15.06 | 154 | 2495m | 0.33 | ng |        |
| 18) Fluorene                   | 16.02 | 166 | 3009  | 0.32 | ng | # 78   |
| 20) 4-Bromophenyl-phenylether  | 16.89 | 248 | 987   | 0.35 | ng | # 66   |
| 21) Hexachlorobenzene          | 17.03 | 284 | 999   | 0.34 | ng | # 83   |
| 22) Pentachlorophenol          | 17.36 | 266 | 626   | 0.68 | ng | # 75   |
| 23) Phenanthrene               | 17.74 | 178 | 5062  | 0.35 | ng | 98     |
| 24) Anthracene                 | 17.83 | 178 | 4650  | 0.34 | ng | 96     |
| 26) Fluoranthene               | 19.72 | 202 | 6474  | 0.35 | ng | 97     |
| 28) Pyrene                     | 20.06 | 202 | 6293  | 0.28 | ng | 95     |
| 30) Benzo(a)anthracene         | 21.78 | 228 | 6265  | 0.35 | ng | 99     |
| 31) Chrysene                   | 21.84 | 228 | 6295  | 0.36 | ng | 99     |
| 32) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 13103 | 0.32 | ng | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 27.23 | 276 | 6538  | 0.38 | ng | 95     |
| 35) Benzo(b)fluoranthene       | 23.61 | 252 | 6117  | 0.35 | ng | # 91   |
| 36) Benzo(k)fluoranthene       | 23.66 | 252 | 6077  | 0.34 | ng | # 91   |
| 37) Benzo(a)pyrene             | 24.30 | 252 | 5739  | 0.35 | ng | 93     |
| 38) Dibenzo(a,h)anthracene     | 27.25 | 278 | 5352  | 0.38 | ng | 97     |
| 39) Benzo(g,h,i)perylene       | 28.10 | 276 | 5583  | 0.37 | ng | # 92   |

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

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