

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE030718\  
 Data File : BE095719.D  
 Acq On : 7 Mar 2018 12:16  
 Operator : SJ/JU  
 Sample : PB107119BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB107119BS

Quant Time: Mar 07 14:22:14 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 12:12:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.43  | 152  | 1269     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.27 | 136  | 5248     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 15.00 | 164  | 3131     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.71 | 188  | 7099     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.80 | 240  | 7200     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.43 | 264  | 6583     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.92  | 112 | 1303  | 0.39 | ng | 0.00 |
| 5) Phenol-d6                | 7.56  | 99  | 1897  | 0.41 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.61  | 82  | 1939  | 0.36 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.80 | 152 | 3298  | 0.38 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.47 | 330 | 406   | 0.39 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.64 | 172 | 4874  | 0.35 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.69 | 212 | 31214 | 0.34 | ng | 0.00 |
| 29) Terphenyl-d14           | 20.24 | 244 | 5088  | 0.35 | ng | 0.00 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.64  | 88  | 784   | 0.392  | ng | # 91 |
| 3) n-Nitrosodimethylamine      | 4.00  | 42  | 913   | 0.369  | ng | 85   |
| 6) bis(2-Chloroethyl)ether     | 7.83  | 93  | 1818  | 0.382  | ng | 96   |
| 9) Naphthalene                 | 11.31 | 128 | 22743 | 0.376  | ng | 99   |
| 10) Hexachlorobutadiene        | 11.57 | 225 | 1404  | 0.398  | ng | 96   |
| 12) 2-Methylnaphthalene        | 12.88 | 142 | 3866  | 0.370  | ng | 96   |
| 16) Acenaphthylene             | 14.73 | 152 | 6106  | 0.347  | ng | 99   |
| 17) Acenaphthene               | 15.06 | 154 | 3849  | 0.348  | ng | 94   |
| 18) Fluorene                   | 16.03 | 166 | 4774  | 0.349  | ng | # 78 |
| 20) 4-Bromophenyl-phenylether  | 16.90 | 248 | 1531  | 0.344  | ng | # 76 |
| 21) Hexachlorobenzene          | 17.02 | 284 | 1588  | 0.344  | ng | # 83 |
| 22) Pentachlorophenol          | 17.36 | 266 | 357   | 0.389  | ng | # 81 |
| 23) Phenanthrene               | 17.74 | 178 | 7677  | 0.346  | ng | 99   |
| 24) Anthracene                 | 17.84 | 178 | 6911  | 0.339  | ng | # 95 |
| 26) Fluoranthene               | 19.72 | 202 | 9183  | 0.336  | ng | # 97 |
| 28) Pyrene                     | 20.06 | 202 | 11100 | 0.377  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.78 | 228 | 8438  | 0.359  | ng | 98   |
| 31) Chrysene                   | 21.84 | 228 | 8062  | 0.345  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 21.66 | 149 | 14863 | 0.358  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 27.23 | 276 | 8317  | 0.367  | ng | # 93 |
| 35) Benzo(b)fluoranthene       | 23.61 | 252 | 8130  | 0.347  | ng | # 89 |
| 36) Benzo(k)fluoranthene       | 23.66 | 252 | 7824  | 0.335  | ng | 94   |
| 37) Benzo(a)pyrene             | 24.30 | 252 | 7481  | 0.354  | ng | 92   |
| 38) Dibenzo(a,h)anthracene     | 27.25 | 278 | 6818  | 0.363  | ng | 97   |
| 39) Benzo(g,h,i)perylene       | 28.10 | 276 | 6923  | 0.344  | ng | # 92 |

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

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