

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092517\  
 Data File : BE094114.D  
 Acq On : 25 Sep 2017 22:22  
 Operator : SJ/JU  
 Sample : I5340-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 LT-TS-009

Manual Integrations  
 APPROVED

Sohil  
 9/26/2017 5:04:29 PM

Quant Time: Sep 26 02:57:59 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 25 17:37:08 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.91  | 152  | 1584     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.69 | 136  | 7616     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.51 | 164  | 4969     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.24 | 188  | 18688    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12            | 21.40 | 240  | 16016    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12            | 23.91 | 264  | 15015    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.50  | 112  | 1180     | 0.20  | ng    | 0.00     |
| 5) Phenol-d6                | 7.09  | 99   | 1843     | 0.22  | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.06  | 82   | 1453     | 0.20  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.27 | 152  | 1850     | 0.16  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.00 | 330  | 348      | 0.09  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.13 | 172  | 2271     | 0.14  | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.27 | 212  | 21154    | 0.12  | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.85 | 244  | 3164     | 0.11  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 9) Naphthalene              | 10.74 | 128  | 1056     | 0.012 | ng    | # 82     |
| 12) 2-Methylnaphthalene     | 12.35 | 142  | 156      | 0.011 | ng    | # 70     |
| 16) Acenaphthylene          | 14.23 | 152  | 3280     | 0.132 | ng    | 98       |
| 17) Acenaphthene            | 14.57 | 154  | 669      | 0.043 | ng    | 96       |
| 18) Fluorene                | 15.56 | 166  | 988m     | 0.047 | ng    |          |
| 23) Phenanthrene            | 17.27 | 178  | 38833    | 0.812 | ng    | 98       |
| 24) Anthracene              | 17.37 | 178  | 5296     | 0.106 | ng    | # 94     |
| 26) Fluoranthene            | 19.29 | 202  | 87327    | 1.630 | ng    | 99       |
| 28) Pyrene                  | 19.65 | 202  | 85336    | 1.682 | ng    | # 96     |
| 30) Benzo(a)anthracene      | 21.38 | 228  | 39806    | 0.738 | ng    | 98       |
| 31) Chrysene                | 21.44 | 228  | 46588    | 0.895 | ng    | 97       |
| 33) Indeno(1,2,3-cd)pyrene  | 26.54 | 276  | 25505    | 0.458 | ng    | 96       |
| 35) Benzo(b)fluoranthene    | 23.14 | 252  | 56691    | 1.046 | ng    | 97       |
| 36) Benzo(k)fluoranthene    | 23.18 | 252  | 18891m   | 0.364 | ng    |          |
| 37) Benzo(a)pyrene          | 23.79 | 252  | 39137    | 0.799 | ng    | 99       |
| 38) Dibenzo(a,h)anthracene  | 26.56 | 278  | 6314     | 0.136 | ng    | # 76     |
| 39) Benzo(a,h,i)perylene    | 27.37 | 276  | 25610    | 0.558 | ng    | 100      |

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

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