

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE080217\  
 Data File : BE093621.D  
 Acq On : 2 Aug 2017 9:40  
 Operator : SJ/JU  
 Sample : I4351-30  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 0548

Manual Integrations  
 APPROVED

Sohil  
 8/3/2017 6:06:41 PM

Quant Time: Aug 02 17:40:28 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 02 10:58:31 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.92  | 152  | 2238     | 0.40   | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.71 | 136  | 9969     | 0.40   | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.53 | 164  | 5745     | 0.40   | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.24 | 188  | 13957    | 0.40   | ng    | 0.00     |
| 27) Chrysene-d12            | 21.40 | 240  | 19517    | 0.40   | ng    | -0.01    |
| 34) Perylene-d12            | 23.91 | 264  | 16585    | 0.40   | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 4) 2-Fluorophenol           | 5.52  | 112  | 3125     | 0.47   | ng    | 0.00     |
| 5) Phenol-d6                | 7.09  | 99   | 3976     | 0.40   | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.06  | 82   | 2991     | 0.39   | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152  | 5575     | 0.35   | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.03 | 330  | 374m     | 0.32   | ng    | 0.03     |
| 15) 2-Fluorobiphenyl        | 13.16 | 172  | 8692     | 0.38   | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.28 | 212  | 61770    | 0.39   | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.86 | 244  | 12391    | 0.35   | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 9) Naphthalene              | 10.76 | 128  | 247434   | 2.144  | ng    | 99       |
| 16) Acenaphthylene          | 14.24 | 152  | 283997   | 10.344 | ng    | # 87     |
| 17) Acenaphthene            | 14.58 | 154  | 135260   | 6.983  | ng    | 99       |
| 18) Fluorene                | 15.56 | 166  | 148698   | 5.744  | ng    | # 87     |
| 23) Phenanthrene            | 17.27 | 178  | 60452m   | 1.970  | ng    |          |
| 24) Anthracene              | 17.37 | 178  | 97393m   | 2.321  | ng    |          |
| 26) Fluoranthene            | 19.31 | 202  | 131316   | 2.687  | ng    | 99       |
| 28) Pyrene                  | 19.66 | 202  | 126495   | 2.006  | ng    | # 98     |
| 30) Benzo(a)anthracene      | 21.39 | 228  | 131370   | 2.290  | ng    | 95       |
| 31) Chrysene                | 21.45 | 228  | 77981    | 1.219  | ng    | 96       |
| 33) Indeno(1,2,3-cd)pyrene  | 26.55 | 276  | 62805    | 1.084  | ng    | 96       |
| 35) Benzo(b)fluoranthene    | 23.14 | 252  | 240031   | 4.056  | ng    | # 93     |
| 36) Benzo(k)fluoranthene    | 23.19 | 252  | 34178    | 0.565  | ng    | # 92     |
| 37) Benzo(a)pyrene          | 23.80 | 252  | 222614   | 4.152  | ng    | # 91     |
| 38) Dibenzo(a,h)anthracene  | 26.56 | 278  | 73615    | 1.423  | ng    | # 88     |
| 39) Benzo(g,h,i)perylene    | 27.36 | 276  | 116176   | 2.213  | ng    | # 91     |

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

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