

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022817\  
 Data File : BF093265.D  
 Acq On : 1 Mar 2017 1:19  
 Operator : SJ/MA  
 Sample : I1997-02DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-W4-WSWDL

Manual Integrations  
 APPROVED

mohammad  
 3/1/2017 4:06:52 PM

Quant Time: Mar 01 03:09:54 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 17:31:55 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 137411   | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8          | 8.10  | 136  | 490719   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10        | 9.85  | 164  | 204743   | 20.00 | ng    | -0.05    |
| 63) Phenanthrene-d10        | 11.33 | 188  | 344266   | 20.00 | ng    | -0.05    |
| 75) Chrysene-d12            | 13.97 | 240  | 291682   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12            | 15.40 | 264  | 209360   | 20.00 | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.41  | 112  | 181685   | 22.68 | ng    | -0.03    |
| 7) Phenol-d6                | 6.46  | 99   | 232358   | 22.55 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 129411   | 14.69 | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 10.64 | 330  | 27475    | 18.55 | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 9.17  | 172  | 220835   | 19.54 | ng    | -0.05    |
| 78) Terphenyl-d14           | 12.91 | 244  | 176374   | 14.21 | ng    | -0.06    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 48) Acenaphthylene          | 9.71  | 152  | 53039    | 2.65  | ng    | 97       |
| 49) Dimethylphthalate       | 9.56  | 163  | 61302    | 4.45  | ng    | 97       |
| 51) Acenaphthene            | 9.88  | 154  | 63252    | 5.28  | ng    | 95       |
| 54) Dibenzofuran            | 10.05 | 168  | 55179    | 3.44  | ng    | 92       |
| 57) Fluorene                | 10.40 | 166  | 64106m   | 5.20  | ng    |          |
| 70) Phenanthrene            | 11.36 | 178  | 976349   | 49.50 | ng    | 99       |
| 71) Anthracene              | 11.41 | 178  | 262694   | 13.26 | ng    | 96       |
| 72) Carbazole               | 11.57 | 167  | 75718    | 4.00  | ng    | 98       |
| 74) Fluoranthene            | 12.56 | 202  | 1438550  | 70.71 | ng    | 92       |
| 77) Pyrene                  | 12.79 | 202  | 1377915  | 63.12 | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.96 | 228  | 624189   | 34.99 | ng    | 99       |
| 82) Chrysene                | 14.00 | 228  | 450072   | 26.95 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.80 | 276  | 204436   | 15.80 | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 15.00 | 252  | 548062m  | 39.77 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.01 | 252  | 116575m  | 9.80  | ng    |          |
| 89) Benzo(a)pyrene          | 15.35 | 252  | 354853   | 29.77 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene  | 16.80 | 278  | 52239    | 5.42  | ng    | # 80     |
| 91) Benzo(g,h,i)perylene    | 17.22 | 276  | 193024   | 19.83 | ng    | # 91     |

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

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