

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062416\  
 Data File : BF088349.D  
 Acq On : 24 Jun 2016 23:44  
 Operator : UM/SJ  
 Sample : H3598-16 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PM-STA-1393(0-4)

Manual Integrations  
 APPROVED

sohil  
 6/27/2016 8:12:23 PM

Quant Time: Jun 25 05:04:53 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 22 14:55:14 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.58  | 152  | 75748m   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 7.87  | 136  | 315019   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.61  | 164  | 133538   | 20.00  | ng    | -0.03    |
| 63) Phenanthrene-d10        | 11.10 | 188  | 211593   | 20.00  | ng    | -0.02    |
| 75) Chrysene-d12            | 13.74 | 240  | 144328   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.10 | 264  | 151499   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.16  | 112  | 223863   | 50.52  | ng    | -0.01    |
| 7) Phenol-d6                | 6.25  | 99   | 289316   | 53.88  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.15  | 82   | 197349   | 36.58  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.41 | 330  | 51538    | 36.55  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 8.95  | 172  | 362140   | 39.65  | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.67 | 244  | 226618   | 35.73  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 48) Acenaphthylene          | 9.47  | 152  | 238844   | 17.38  | ng    | 99       |
| 49) Dimethylphthalate       | 9.35  | 163  | 44368    | 4.59   | ng    | 100      |
| 70) Phenanthrene            | 11.12 | 178  | 187867   | 16.92  | ng    | 98       |
| 71) Anthracene              | 11.16 | 178  | 287085   | 25.63  | ng    | 99       |
| 72) Carbazole               | 11.34 | 167  | 29342    | 2.80   | ng    | 96       |
| 74) Fluoranthene            | 12.31 | 202  | 1078111  | 92.01  | ng    | 99       |
| 77) Pyrene                  | 12.54 | 202  | 1200780  | 112.12 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.73 | 228  | 923370m  | 112.27 | ng    |          |
| 82) Chrysene                | 13.76 | 228  | 680587m  | 87.96  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.34 | 276  | 363099   | 50.51  | ng    | # 100    |
| 87) Benzo(b)fluoranthene    | 14.73 | 252  | 1039504m | 98.44  | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.75 | 252  | 392507m  | 49.28  | ng    |          |
| 89) Benzo(a)pyrene          | 15.04 | 252  | 654295   | 76.59  | ng    | 98       |
| 90) Dibenzo(a,h)anthracene  | 16.34 | 278  | 89663m   | 11.30  | ng    |          |
| 91) Benzo(g,h,i)perylene    | 16.71 | 276  | 306614   | 37.57  | ng    | 97       |

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

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