

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\  
 Data File : BF087876.D  
 Acq On : 10 Jun 2016 15:58  
 Operator : UM/SJ  
 Sample : H3426-07 2X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-53

Manual Integrations  
 APPROVED

SOHIL  
 6/13/2016 7:11:02 PM

Quant Time: Jun 10 18:28:04 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 07 18:51:55 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.81  | 152  | 122255m  | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8          | 8.10  | 136  | 478048   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10        | 9.85  | 164  | 208312   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10        | 11.32 | 188  | 327887   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12            | 13.95 | 240  | 263074   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12            | 15.36 | 264  | 239352   | 20.00 | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.40  | 112  | 444902   | 62.21 | ng    | -0.02    |
| 7) Phenol-d6                | 6.44  | 99   | 567445   | 65.47 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 280160   | 34.22 | ng    | -0.05    |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 97263    | 44.22 | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 9.18  | 172  | 549001   | 38.36 | ng    | -0.03    |
| 78) Terphenyl-d14           | 12.90 | 244  | 310663   | 26.87 | ng    | -0.05    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.56  | 163  | 54898    | 3.64  | ng    | 99       |
| 70) Phenanthrene            | 11.35 | 178  | 367421   | 21.35 | ng    | 99       |
| 71) Anthracene              | 11.39 | 178  | 66283    | 3.82  | ng    | 98       |
| 72) Carbazole               | 11.55 | 167  | 38082    | 2.34  | ng    | 97       |
| 74) Fluoranthene            | 12.54 | 202  | 659568   | 36.32 | ng    | 97       |
| 77) Pyrene                  | 12.77 | 202  | 527887   | 27.04 | ng    | 99       |
| 80) Benzo(a)anthracene      | 13.94 | 228  | 282149   | 18.82 | ng    | 99       |
| 82) Chrysene                | 13.98 | 228  | 291166m  | 20.64 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.72 | 276  | 113756   | 8.68  | ng    | # 100    |
| 87) Benzo(b)fluoranthene    | 14.96 | 252  | 422044m  | 25.30 | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.98 | 252  | 52348m   | 4.16  | ng    |          |
| 89) Benzo(a)pyrene          | 15.30 | 252  | 229088m  | 16.97 | ng    |          |
| 90) Dibenzo(a,h)anthracene  | 16.73 | 278  | 32636    | 2.60  | ng    | 95       |
| 91) Benzo(g,h,i)perylene    | 17.12 | 276  | 100475   | 7.79  | ng    | 100      |

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

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