

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\  
 Data File : BF086481.D  
 Acq On : 28 Apr 2016 23:49  
 Operator : UM/SJ  
 Sample : H2654-10  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 26WARD-2A-CS-7(0-6FTBGS)

Manual Integrations  
 APPROVED

sohil  
 4/29/2016 4:52:56 PM

Quant Time: Apr 29 02:00:50 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 27 14:20:52 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.78  | 152  | 153441   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8             | 8.08  | 136  | 606920   | 20.00  | ng    | -0.02    |
| 38) Acenaphthene-d10           | 9.82  | 164  | 247198   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10           | 11.31 | 188  | 363315   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12               | 13.95 | 240  | 278744   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12               | 15.36 | 264  | 247472   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.38  | 112  | 811941   | 91.27  | ng    | -0.01    |
| 7) Phenol-d6                   | 6.43  | 99   | 1264506  | 101.85 | ng    | -0.01    |
| 23) Nitrobenzene-d5            | 7.36  | 82   | 807778   | 71.74  | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol       | 10.61 | 330  | 215791   | 82.78  | ng    | -0.02    |
| 44) 2-Fluorobiphenyl           | 9.15  | 172  | 1070402  | 73.50  | ng    | -0.02    |
| 78) Terphenyl-d14              | 12.90 | 244  | 746699   | 59.02  | ng    | -0.01    |
| Target Compounds               |       |      |          |        |       | Qvalue   |
| 32) Benzoic acid               | 7.79  | 122  | 3362     | 9.27   | ng    | # 83     |
| 49) Dimethylphthalate          | 9.55  | 163  | 173167   | 9.31   | ng    | 98       |
| 70) Phenanthrene               | 11.33 | 178  | 107124   | 5.62   | ng    | 99       |
| 74) Fluoranthene               | 12.52 | 202  | 154172   | 8.01   | ng    | 95       |
| 77) Pyrene                     | 12.75 | 202  | 139066   | 6.92   | ng    | 98       |
| 80) Benzo(a)anthracene         | 13.94 | 228  | 78105    | 5.26   | ng    | 94       |
| 82) Chrysene                   | 13.97 | 228  | 78234m   | 4.84   | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 153958   | 14.26  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.71 | 276  | 54616    | 4.56   | ng    | # 87     |
| 87) Benzo(b)fluoranthene       | 14.96 | 252  | 96121m   | 6.60   | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.97 | 252  | 50975m   | 3.36   | ng    |          |
| 89) Benzo(a)pyrene             | 15.30 | 252  | 70684    | 5.14   | ng    | # 58     |
| 91) Benzo(a,h,i)perylene       | 17.12 | 276  | 55895    | 4.96   | ng    | 94       |

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

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