

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\  
 Data File : BF087808.D  
 Acq On : 8 Jun 2016 14:22  
 Operator : UM/SJ  
 Sample : H3379-19  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-12

Manual Integrations  
 APPROVED

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 6/9/2016 7:59:13 PM

Quant Time: Jun 09 02:15:52 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   | 6.82  | 152  | 98615    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.11  | 136  | 423468   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.87  | 164  | 200987   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.36 | 188  | 358330   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.99 | 240  | 236691   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.42 | 264  | 216498   | 20.00 | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.42  | 112  | 406921   | 70.54 | ng    | -0.01    |
| 7) Phenol-d6                | 6.46  | 99   | 571431   | 81.74 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 304285   | 41.96 | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 10.66 | 330  | 143129   | 67.44 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.19  | 172  | 591457   | 43.53 | ng    | -0.02    |
| 78) Terphenyl-d14           | 12.95 | 244  | 533698   | 51.31 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.59  | 163  | 106906   | 7.34  | ng    | 99       |
| 70) Phenanthrene            | 11.38 | 178  | 308470   | 16.41 | ng    | 97       |
| 71) Anthracene              | 11.43 | 178  | 86354    | 4.55  | ng    | 98       |
| 74) Fluoranthene            | 12.57 | 202  | 404549   | 20.39 | ng    | 93       |
| 77) Pyrene                  | 12.80 | 202  | 353178   | 20.11 | ng    | 98       |
| 80) Benzo(a)anthracene      | 13.98 | 228  | 165389   | 12.26 | ng    | 99       |
| 82) Chrysene                | 14.01 | 228  | 115577   | 9.11  | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.80 | 276  | 78272    | 6.64  | ng    | # 100    |
| 87) Benzo(b)fluoranthene    | 15.01 | 252  | 174992m  | 11.60 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.03 | 252  | 37242m   | 3.27  | ng    |          |
| 89) Benzo(a)pyrene          | 15.36 | 252  | 120934m  | 9.91  | ng    |          |
| 91) Benzo(a,h,i)perylene    | 17.22 | 276  | 79805    | 6.84  | ng    | 95       |

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

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