

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122217\  
 Data File : BF101654.D  
 Acq On : 22 Dec 2017 15:37  
 Operator : SJ/JU  
 Sample : I6993-02 20X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROLL-OFF-4

Manual Integrations  
 APPROVED

Sohil  
 12/26/2017 1:37:17 PM

Quant Time: Dec 22 16:21:20 2017  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 22 16:07:58 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 168193   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.07  | 136  | 695035   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.82  | 164  | 308520   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.32 | 188  | 549597   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.96 | 240  | 357493   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.43 | 264  | 336800   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.43  | 112  | 62938    | 5.57   | ng    | 0.02     |
| 7) Phenol-d6                | 6.45  | 99   | 86455    | 6.15   | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 53858    | 4.31   | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.62 | 330  | 16301    | 5.48   | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.14  | 172  | 102823   | 5.17   | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.89 | 244  | 83631    | 5.64   | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 31) Naphthalene             | 8.09  | 128  | 140105   | 4.004  | ng    | 99       |
| 48) Acenaphthylene          | 9.69  | 152  | 104460   | 3.159  | ng    | 98       |
| 54) Dibenzofuran            | 10.03 | 168  | 92323    | 3.657  | ng    | 99       |
| 57) Fluorene                | 10.37 | 166  | 137957   | 6.459  | ng    | 100      |
| 70) Phenanthrene            | 11.34 | 178  | 754319   | 24.680 | ng    | 99       |
| 71) Anthracene              | 11.39 | 178  | 377331   | 12.086 | ng    | 99       |
| 72) Carbazole               | 11.56 | 167  | 158839   | 5.434  | ng    | 97       |
| 74) Fluoranthene            | 12.53 | 202  | 895280   | 27.907 | ng    | 99       |
| 77) Pyrene                  | 12.76 | 202  | 683538   | 25.477 | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.95 | 228  | 289744   | 12.274 | ng    | 98       |
| 82) Chrysene                | 13.99 | 228  | 244231   | 10.958 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.90 | 276  | 130833   | 6.592  | ng    | # 91     |
| 87) Benzo(b)fluoranthene    | 15.00 | 252  | 283773m  | 13.823 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.03 | 252  | 83056m   | 4.161  | ng    |          |
| 89) Benzo(a)pyrene          | 15.37 | 252  | 191226   | 10.105 | ng    | 98       |
| 91) Benzo(g,h,i)perylene    | 17.34 | 276  | 121645   | 7.561  | ng    | # 94     |

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

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