

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\  
 Data File : BF084148.D  
 Acq On : 26 Dec 2015 00:28  
 Operator : UM/SJ  
 Sample : G4954-04  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1SP-2(0-2)7E

Manual Integrations  
 APPROVED

Sohil  
 12/28/2015 5:58:30 PM

Quant Time: Dec 26 06:03:30 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 24 16:48:39 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 57554    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.09  | 136  | 204857   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.84  | 164  | 86463    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.32 | 188  | 130590   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.96 | 240  | 115880   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.38 | 264  | 90252    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.41  | 112  | 353872   | 104.24 | ng    | 0.00     |
| 7) Phenol-d6                | 6.45  | 99   | 409572   | 97.50  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 296235   | 84.64  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.62 | 330  | 91292    | 99.01  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.16  | 172  | 490546   | 77.63  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.90 | 244  | 298837   | 46.66  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 9.55  | 163  | 79921    | 11.16  | ng    | # 89     |
| 70) Phenanthrene            | 11.35 | 178  | 73552    | 9.50   | ng    | 99       |
| 71) Anthracene              | 11.39 | 178  | 19693    | 2.43   | ng    | 96       |
| 74) Fluoranthene            | 12.53 | 202  | 127586   | 12.10  | ng    | 95       |
| 77) Pyrene                  | 12.76 | 202  | 128867   | 12.89  | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.95 | 228  | 67183m   | 9.43   | ng    |          |
| 82) Chrysene                | 13.99 | 228  | 62907m   | 9.57   | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.79 | 276  | 26237    | 3.99   | ng    | 96       |
| 87) Benzo(b)fluoranthene    | 14.98 | 252  | 63037m   | 9.41   | ng    |          |
| 88) Benzo(k)fluoranthene    | 14.99 | 252  | 26702m   | 5.88   | ng    |          |
| 89) Benzo(a)pyrene          | 15.32 | 252  | 48901    | 8.86   | ng    | # 86     |
| 91) Benzo(a,h,i)perylene    | 17.21 | 276  | 30042    | 5.46   | ng    | 95       |

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

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