

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052015\  
 Data File : BF079386.D  
 Acq On : 20 May 2015 19:00  
 Operator : TP/IZ  
 Sample : G2299-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SB03A(2.5-3.0)

Manual Integrations  
 APPROVED

apatel  
 5/21/2015 4:27:57 PM

Quant Time: May 21 02:28:42 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 00:52:28 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.08  | 152  | 66433    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.66  | 136  | 268857   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.83 | 164  | 135410   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.67 | 188  | 257293   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 15.97 | 240  | 276342   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 17.76 | 264  | 279446   | 20.00 | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.37  | 112  | 246481m  | 63.87 | ng    | 0.00     |
| 7) Phenol-d6                | 6.66  | 99   | 325903   | 63.89 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.78  | 82   | 189583   | 40.53 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.82 | 330  | 90776    | 61.97 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.01 | 172  | 344748   | 35.47 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.67 | 244  | 400418   | 34.69 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 8.70  | 128  | 31233m   | 2.44  | ng    |          |
| 37) 2-Methylnaphthalene     | 9.55  | 142  | 21439    | 2.41  | ng    | # 94     |
| 49) Dimethylphthalate       | 10.52 | 163  | 30684    | 3.09  | ng    | # 96     |
| 70) Phenanthrene            | 12.70 | 178  | 46717    | 3.25  | ng    | 97       |
| 71) Anthracene              | 12.76 | 178  | 41026m   | 2.91  | ng    |          |
| 74) Fluoranthene            | 14.17 | 202  | 103110   | 6.87  | ng    | 98       |
| 77) Pyrene                  | 14.46 | 202  | 102906   | 6.46  | ng    | 98       |
| 80) Benzo(a)anthracene      | 15.95 | 228  | 66655    | 4.40  | ng    | # 90     |
| 82) Chrysene                | 16.00 | 228  | 63363m   | 4.35  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 19.13 | 276  | 49409    | 2.66  | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 17.29 | 252  | 99454m   | 6.50  | ng    |          |
| 88) Benzo(k)fluoranthene    | 17.33 | 252  | 34355m   | 2.32  | ng    |          |
| 89) Benzo(a)pyrene          | 17.69 | 252  | 54897    | 3.90  | ng    | # 78     |
| 91) Benzo(a,h,i)perylene    | 19.53 | 276  | 48561    | 3.24  | ng    | # 92     |

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

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