

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\  
 Data File : BF078640.D  
 Acq On : 18 Apr 2015 12:50  
 Operator : TP/IZ  
 Sample : G1854-01  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SB11A

Manual Integrations  
 APPROVED

apatel  
 4/20/2015 3:58:08 PM

Quant Time: Apr 20 13:45:00 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 18 05:04:14 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.67  | 152  | 40994    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.26  | 136  | 166930   | 20.00 | ng    | 0.01     |
| 38) Acenaphthene-d10        | 10.41 | 164  | 87020    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.24 | 188  | 171039   | 20.00 | ng    | 0.02     |
| 75) Chrysene-d12            | 15.49 | 240  | 192321   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12            | 17.19 | 264  | 189913   | 20.00 | ng    | 0.03     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 4.90  | 112  | 172714   | 69.47 | ng    | 0.00     |
| 7) Phenol-d6                | 6.30  | 99   | 226324   | 72.63 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 141062   | 51.22 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.39 | 330  | 60513    | 83.85 | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 9.61  | 172  | 281404   | 46.22 | ng    | 0.01     |
| 78) Terphenyl-d14           | 14.23 | 244  | 361990   | 42.53 | ng    | 0.02     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 8.28  | 128  | 70165    | 8.08  | ng    | 99       |
| 37) 2-Methylnaphthalene     | 9.14  | 142  | 70151    | 11.89 | ng    | # 93     |
| 48) Acenaphthylene          | 10.24 | 152  | 36436    | 4.03  | ng    | # 62     |
| 49) Dimethylphthalate       | 10.12 | 163  | 22611    | 3.46  | ng    | # 86     |
| 51) Acenaphthene            | 10.46 | 154  | 31001    | 6.09  | ng    | # 92     |
| 57) Fluorene                | 11.08 | 166  | 69703    | 11.06 | ng    | # 85     |
| 70) Phenanthrene            | 12.26 | 178  | 244786   | 24.74 | ng    | # 95     |
| 71) Anthracene              | 12.33 | 178  | 61210    | 6.28  | ng    | # 68     |
| 74) Fluoranthene            | 13.74 | 202  | 261871   | 25.10 | ng    | # 98     |
| 77) Pyrene                  | 14.00 | 202  | 297102   | 24.61 | ng    | # 91     |
| 80) Benzo(a)anthracene      | 15.47 | 228  | 182286   | 15.93 | ng    | 92       |
| 82) Chrysene                | 15.52 | 228  | 150059m  | 13.96 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 18.38 | 276  | 220959   | 18.11 | ng    | # 90     |
| 87) Benzo(b)fluoranthene    | 16.75 | 252  | 261902m  | 22.31 | ng    |          |
| 88) Benzo(k)fluoranthene    | 16.77 | 252  | 108903m  | 10.44 | ng    |          |
| 89) Benzo(a)pyrene          | 17.12 | 252  | 222250   | 21.70 | ng    | # 83     |
| 90) Dibenzo(a,h)anthracene  | 18.39 | 278  | 40102m   | 3.91  | ng    |          |
| 91) Benzo(g,h,i)perylene    | 18.71 | 276  | 216622   | 21.07 | ng    | 97       |

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

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