

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030415\  
 Data File : BF077608.D  
 Acq On : 5 Mar 2015 6:24  
 Operator : TP/IZ  
 Sample : G1424-07  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB20

Manual Integrations  
 APPROVED

mohammad  
 3/5/2015 2:11:30 PM

Quant Time: Mar 05 09:28:09 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 13:27:09 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.22  | 152  | 61333    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.80  | 136  | 256417   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.97 | 164  | 125954   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.81 | 188  | 245293   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 16.10 | 240  | 280545   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 17.80 | 264  | 277966   | 20.00  | ng    | -0.05    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.52  | 112  | 374087   | 101.82 | ng    | 0.00     |
| 7) Phenol-d6                | 6.79  | 99   | 450899   | 95.46  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.91  | 82   | 278442   | 67.53  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.95 | 330  | 116048   | 95.69  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.15 | 172  | 561977   | 69.57  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.81 | 244  | 660573   | 55.05  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 10.65 | 163  | 29185    | 3.30   | ng    | 99       |
| 70) Phenanthrene            | 12.84 | 178  | 125635   | 8.84   | ng    | 99       |
| 71) Anthracene              | 12.90 | 178  | 34108m   | 2.42   | ng    |          |
| 74) Fluoranthene            | 14.32 | 202  | 157693   | 10.15  | ng    | 99       |
| 77) Pyrene                  | 14.60 | 202  | 203046   | 11.83  | ng    | 99       |
| 80) Benzo(a)anthracene      | 16.08 | 228  | 105531   | 6.42   | ng    | 96       |
| 82) Chrysene                | 16.12 | 228  | 107947   | 6.99   | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 19.22 | 276  | 59545m   | 3.38   | ng    |          |
| 87) Benzo(b)fluoranthene    | 17.37 | 252  | 103651m  | 6.41   | ng    |          |
| 88) Benzo(k)fluoranthene    | 17.39 | 252  | 41708m   | 2.63   | ng    |          |
| 89) Benzo(a)pyrene          | 17.74 | 252  | 95968    | 6.23   | ng    | # 94     |
| 91) Benzo(g,h,i)perylene    | 19.65 | 276  | 65800    | 4.44   | ng    | 98       |

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

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