

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\  
 Data File : BF078675.D  
 Acq On : 21 Apr 2015 9:01  
 Operator : TP/IZ  
 Sample : G1943-09 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-C-3

Manual Integrations  
 APPROVED

apatel  
 4/21/2015 5:04:43 PM

Quant Time: Apr 21 12:51:33 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 20 16:32:38 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.85  | 152  | 32030    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.02  | 136  | 132811   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 11.20 | 164  | 67045    | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 13.94 | 188  | 128089   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 17.81 | 240  | 123394   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 19.51 | 264  | 127031   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 3.87  | 112  | 17388    | 8.95  | ng    | 0.00     |
| 7) Phenol-d6                | 5.36  | 99   | 24819    | 10.19 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 6.80  | 82   | 15046    | 6.87  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 12.67 | 330  | 5608     | 10.09 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 10.02 | 172  | 35150    | 7.49  | ng    | -0.01    |
| 78) Terphenyl-d14           | 16.46 | 244  | 37749    | 6.91  | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 10.83 | 163  | 10937    | 2.17  | ng    | # 98     |
| 51) Acenaphthene            | 11.26 | 154  | 18775    | 4.79  | ng    | 99       |
| 54) Dibenzofuran            | 11.59 | 168  | 19229    | 3.21  | ng    | 99       |
| 57) Fluorene                | 12.22 | 166  | 33364    | 6.87  | ng    | 99       |
| 70) Phenanthrene            | 13.99 | 178  | 515176   | 69.53 | ng    | 100      |
| 71) Anthracene              | 14.07 | 178  | 136481   | 18.69 | ng    | 99       |
| 72) Carbazole               | 14.40 | 167  | 23498    | 3.43  | ng    | 96       |
| 74) Fluoranthene            | 15.87 | 202  | 747370   | 95.65 | ng    | 93       |
| 77) Pyrene                  | 16.18 | 202  | 609916   | 78.74 | ng    | # 93     |
| 80) Benzo(a)anthracene      | 17.79 | 228  | 298688   | 40.68 | ng    | 99       |
| 82) Chrysene                | 17.83 | 228  | 256506   | 37.19 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene  | 20.67 | 276  | 154960m  | 19.80 | ng    |          |
| 87) Benzo(b)fluoranthene    | 19.09 | 252  | 315461m  | 40.18 | ng    |          |
| 88) Benzo(k)fluoranthene    | 19.11 | 252  | 117992m  | 16.91 | ng    |          |
| 89) Benzo(a)pyrene          | 19.44 | 252  | 231771   | 33.83 | ng    | # 93     |
| 90) Dibenzo(a,h)anthracene  | 20.70 | 278  | 28934    | 4.22  | ng    | # 89     |
| 91) Benzo(a,h,i)perylene    | 20.99 | 276  | 136340   | 19.82 | ng    | 99       |

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

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