

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\  
 Data File : BM003473.D  
 Acq On : 11 Dec 2015 03:35  
 Operator : UM/IZ  
 Sample : G4725-02  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB2(2-4)

Manual Integrations  
 APPROVED

MMdadoda  
 12/11/2015 6:00:54 PM

Quant Time: Dec 11 07:38:54 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 09 18:52:47 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.72  | 152  | 75142    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.51 | 136  | 316486   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.37 | 164  | 160699   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.12 | 188  | 318908   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.31 | 240  | 317843   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 23.56 | 264  | 321365   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 691416   | 163.59 | ng    | 0.00     |
| 7) Phenol-d6                | 6.90  | 99   | 909803   | 155.02 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.88  | 82   | 542689   | 106.32 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.86 | 330  | 236669   | 147.47 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.99 | 172  | 1109503  | 94.07  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.75 | 244  | 1100380  | 81.64  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.92  | 94   | 14697    | 2.36   | ng    | # 75     |
| 37) 2-Methylnaphthalene     | 12.18 | 142  | 24568    | 2.16   | ng    | 98       |
| 49) Dimethylphthalate       | 13.83 | 163  | 146153   | 11.04  | ng    | # 99     |
| 70) Phenanthrene            | 17.16 | 178  | 165780   | 9.26   | ng    | 99       |
| 71) Anthracene              | 17.25 | 178  | 39062    | 2.20   | ng    | 100      |
| 74) Fluoranthene            | 19.18 | 202  | 215370   | 11.67  | ng    | 97       |
| 77) Pyrene                  | 19.54 | 202  | 188802   | 8.47   | ng    | 99       |
| 80) Benzo(a)anthracene      | 21.29 | 228  | 96425    | 5.06   | ng    | 98       |
| 82) Chrysene                | 21.34 | 228  | 84568m   | 4.61   | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 25.83 | 276  | 49965    | 2.59   | ng    | # 100    |
| 87) Benzo(b)fluoranthene    | 22.89 | 252  | 106938m  | 5.47   | ng    |          |
| 89) Benzo(a)pyrene          | 23.46 | 252  | 81220    | 4.42   | ng    | # 94     |
| 91) Benzo(a,h,i)perylene    | 26.53 | 276  | 49816    | 2.75   | ng    | 98       |

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

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