

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\  
 Data File : BF095995.D  
 Acq On : 17 Jun 2017 13:37  
 Operator : SJ/MA  
 Sample : I3683-03 10X  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CC-5B

Manual Integrations  
 APPROVED

mohammad  
 6/19/2017 3:48:24 PM

Quant Time: Jun 19 02:03:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 17:12:03 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.32  | 152  | 75881    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 9.35  | 136  | 310696   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 12.17 | 164  | 129330   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 14.56 | 188  | 185549   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 18.29 | 240  | 154788   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12            | 19.96 | 264  | 146577   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.31  | 112  | 29723    | 6.24  | ng    | 0.09     |
| 7) Phenol-d6                | 6.98  | 99   | 47467m   | 8.33  | ng    | 0.07     |
| 23) Nitrobenzene-d5         | 8.29  | 82   | 25402    | 5.08  | ng    | 0.04     |
| 41) 2,4,6-Tribromophenol    | 13.49 | 330  | 8477     | 7.41  | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 11.13 | 172  | 73902    | 7.95  | ng    | 0.00     |
| 78) Terphenyl-d14           | 16.94 | 244  | 42738    | 6.85  | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 9.39  | 128  | 166391   | 10.67 | ng    | 99       |
| 37) 2-Methylnaphthalene     | 10.53 | 142  | 36008    | 3.42  | ng    | 94       |
| 51) Acenaphthene            | 12.22 | 154  | 36804    | 4.47  | ng    | 97       |
| 54) Dibenzofuran            | 12.52 | 168  | 64775    | 5.60  | ng    | 95       |
| 57) Fluorene                | 13.07 | 166  | 69090    | 6.86  | ng    | 94       |
| 70) Phenanthrene            | 14.60 | 178  | 423537   | 39.56 | ng    | 97       |
| 71) Anthracene              | 14.69 | 178  | 121758   | 10.89 | ng    | 96       |
| 72) Carbazole               | 15.00 | 167  | 64115    | 5.89  | ng    | 99       |
| 74) Fluoranthene            | 16.39 | 202  | 320652   | 30.26 | ng    | 98       |
| 77) Pyrene                  | 16.69 | 202  | 245124   | 21.22 | ng    | # 96     |
| 80) Benzo(a)anthracene      | 18.27 | 228  | 122713   | 13.64 | ng    | 94       |
| 82) Chrysene                | 18.32 | 228  | 108397m  | 12.05 | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 21.13 | 276  | 41964    | 5.45  | ng    | 98       |
| 87) Benzo(b)fluoranthene    | 19.56 | 252  | 130136   | 14.18 | ng    | # 95     |
| 88) Benzo(k)fluoranthene    | 19.59 | 252  | 42948m   | 4.90  | ng    |          |
| 89) Benzo(a)pyrene          | 19.90 | 252  | 89804    | 10.65 | ng    | 98       |
| 91) Benzo(a,h,i)perylene    | 21.46 | 276  | 35735    | 4.90  | ng    | 95       |

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

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