

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\  
 Data File : BF095949.D  
 Acq On : 15 Jun 2017 8:24  
 Operator : SJ/MA  
 Sample : I3663-01DL 2X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ONSITE-001-ADL

Manual Integrations  
 APPROVED

mohammad  
 6/15/2017 3:56:06 PM

Quant Time: Jun 15 09:17:19 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 05 16:15:31 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.33  | 152  | 63559    | 20.00 | ng    | -0.06    |
| 21) Naphthalene-d8             | 9.36  | 136  | 252767   | 20.00 | ng    | -0.07    |
| 38) Acenaphthene-d10           | 12.19 | 164  | 99794    | 20.00 | ng    | -0.07    |
| 63) Phenanthrene-d10           | 14.58 | 188  | 151410   | 20.00 | ng    | -0.06    |
| 75) Chrysene-d12               | 18.30 | 240  | 125785   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12               | 19.97 | 264  | 88251    | 20.00 | ng    | -0.05    |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.27  | 112  | 73267    | 18.37 | ng    | -0.02    |
| 7) Phenol-d6                   | 6.92  | 99   | 248783   | 52.10 | ng    | -0.04    |
| 23) Nitrobenzene-d5            | 8.25  | 82   | 150239   | 36.91 | ng    | -0.07    |
| 41) 2,4,6-Tribromophenol       | 13.51 | 330  | 1639     | 1.86  | ng    | -0.04    |
| 44) 2-Fluorobiphenyl           | 11.14 | 172  | 292452   | 40.78 | ng    | -0.08    |
| 78) Terphenyl-d14              | 16.96 | 244  | 193131   | 38.10 | ng    | -0.06    |
| Target Compounds               |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate          | 11.84 | 163  | 33401    | 4.41  | ng    | 99       |
| 51) Acenaphthene               | 12.24 | 154  | 18077    | 2.85  | ng    | 99       |
| 57) Fluorene                   | 13.08 | 166  | 18696    | 2.41  | ng    | 95       |
| 70) Phenanthrene               | 14.62 | 178  | 298573   | 34.18 | ng    | 99       |
| 71) Anthracene                 | 14.70 | 178  | 84770    | 9.29  | ng    | 95       |
| 72) Carbazole                  | 15.02 | 167  | 46178    | 5.20  | ng    | 95       |
| 74) Fluoranthene               | 16.40 | 202  | 502820   | 58.15 | ng    | 99       |
| 77) Pyrene                     | 16.70 | 202  | 395245   | 42.11 | ng    | 96       |
| 80) Benzo(a)anthracene         | 18.29 | 228  | 186321   | 25.48 | ng    | 97       |
| 82) Chrysene                   | 18.34 | 228  | 167964   | 22.98 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 18.37 | 149  | 131713   | 22.78 | ng    | # 98     |
| 85) Indeno(1,2,3-cd)pyrene     | 21.15 | 276  | 56756    | 9.08  | ng    | 91       |
| 87) Benzo(b)fluoranthene       | 19.57 | 252  | 167193m  | 30.26 | ng    |          |
| 88) Benzo(k)fluoranthene       | 19.60 | 252  | 46588m   | 8.82  | ng    |          |
| 89) Benzo(a)pyrene             | 19.92 | 252  | 102790   | 20.24 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 21.14 | 278  | 20796    | 4.83  | ng    | # 89     |
| 91) Benzo(a,h,i)perylene       | 21.48 | 276  | 51976    | 11.83 | ng    | 96       |

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

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