

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\  
 Data File : BF083528.D  
 Acq On : 6 Dec 2015 13:53  
 Operator : UM/IZ  
 Sample : G4614-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S26-15.5

Manual Integrations  
 APPROVED

Mmdadoda  
 12/7/2015 6:33:25 PM

Quant Time: Dec 07 05:55:18 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 05 04:12:46 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 5.73  | 152  | 196484   | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8          | 7.63  | 136  | 764093   | 20.00  | ng    | -0.05    |
| 38) Acenaphthene-d10        | 10.42 | 164  | 385053   | 20.00  | ng    | -0.05    |
| 63) Phenanthrene-d10        | 12.82 | 188  | 698593   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 17.01 | 240  | 592200   | 20.00  | ng    | -0.03    |
| 86) Perylene-d12            | 18.65 | 264  | 441917   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 4.02  | 112  | 1625452  | 125.51 | ng    | -0.01    |
| 7) Phenol-d6                | 5.30  | 99   | 2181356  | 122.25 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 6.57  | 82   | 1456052  | 89.08  | ng    | -0.03    |
| 41) 2,4,6-Tribromophenol    | 11.71 | 330  | 432397   | 121.73 | ng    | -0.05    |
| 44) 2-Fluorobiphenyl        | 9.38  | 172  | 2095799  | 73.82  | ng    | -0.05    |
| 78) Terphenyl-d14           | 15.46 | 244  | 1821153  | 68.43  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 49) Dimethylphthalate       | 10.06 | 163  | 673197   | 22.21  | ng    | 99       |
| 70) Phenanthrene            | 12.85 | 178  | 491852   | 12.10  | ng    | 99       |
| 71) Anthracene              | 12.96 | 178  | 113499   | 2.74   | ng    | 96       |
| 74) Fluoranthene            | 14.79 | 202  | 461715   | 11.46  | ng    | 97       |
| 77) Pyrene                  | 15.14 | 202  | 411144   | 9.28   | ng    | # 96     |
| 80) Benzo(a)anthracene      | 17.00 | 228  | 165748   | 4.78   | ng    | 98       |
| 82) Chrysene                | 17.06 | 228  | 155898m  | 4.52   | ng    |          |
| 87) Benzo(b)fluoranthene    | 18.28 | 252  | 122544m  | 4.94   | ng    |          |
| 89) Benzo(a)pyrene          | 18.60 | 252  | 91622    | 3.80   | ng    | 97       |

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

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