

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\  
 Data File : BF079307.D  
 Acq On : 16 May 2015 11:32  
 Operator : TP/IZ  
 Sample : G2251-13 2X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-11-D1

Manual Integrations  
 APPROVED

apatel  
 5/18/2015 3:42:50 PM

Quant Time: May 18 01:55:51 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 18 00:56:30 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.18  | 152  | 73400    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.75  | 136  | 304997   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.92 | 164  | 143977   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.77 | 188  | 265711   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 16.06 | 240  | 275359   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 17.84 | 264  | 280074   | 20.00 | ng    | 0.08     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 182625m  | 42.83 | ng    | 0.01     |
| 7) Phenol-d6                | 6.75  | 99   | 238210   | 42.26 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.87  | 82   | 135130   | 25.46 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.91 | 330  | 63902    | 41.03 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.10 | 172  | 280007   | 27.10 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.77 | 244  | 308825   | 26.85 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 70) Phenanthrene            | 12.80 | 178  | 35746    | 2.40  | ng    | 98       |
| 74) Fluoranthene            | 14.27 | 202  | 81196    | 5.24  | ng    | 95       |
| 77) Pyrene                  | 14.55 | 202  | 76106    | 4.80  | ng    | 97       |
| 80) Benzo(a)anthracene      | 16.05 | 228  | 47305m   | 3.14  | ng    |          |
| 82) Chrysene                | 16.09 | 228  | 38221    | 2.64  | ng    | 97       |
| 87) Benzo(b)fluoranthene    | 17.38 | 252  | 64930m   | 4.24  | ng    |          |
| 89) Benzo(a)pyrene          | 17.77 | 252  | 42636    | 3.02  | ng    | # 93     |

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

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