

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\  
 Data File : BF090619.D  
 Acq On : 17 Oct 2016 20:34  
 Operator : UM/SJ  
 Sample : H5227-02 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 2

Manual Integrations  
 APPROVED

SOHIL  
 10/18/2016 6:05:49 PM

Quant Time: Oct 18 01:40:02 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 17 19:19:58 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.91  | 152  | 300126   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.20  | 136  | 1164114  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.95  | 164  | 556191   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.43 | 188  | 724291   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12            | 14.09 | 240  | 740310   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.55 | 264  | 690248   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.51  | 112  | 1032924  | 63.09 | ng    | 0.00     |
| 7) Phenol-d6                | 6.54  | 99   | 1389125  | 57.10 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.47  | 82   | 814193   | 38.85 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.74 | 330  | 183520   | 37.01 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.27  | 172  | 1255394  | 37.19 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.02 | 244  | 808937   | 25.44 | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 49) Dimethylphthalate       | 9.66  | 163  | 239485   | 6.64  | ng    | 99       |
| 70) Phenanthrene            | 11.46 | 178  | 200311   | 5.18  | ng    | 99       |
| 74) Fluoranthene            | 12.65 | 202  | 314212   | 8.08  | ng    | 91       |
| 77) Pyrene                  | 12.87 | 202  | 282819   | 5.77  | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.07 | 228  | 193649m  | 4.59  | ng    |          |
| 82) Chrysene                | 14.11 | 228  | 178905m  | 4.41  | ng    |          |
| 85) Indeno(1,2,3-cd)pyrene  | 16.98 | 276  | 85500    | 3.64  | ng    | # 93     |
| 87) Benzo(b)fluoranthene    | 15.12 | 252  | 208153m  | 4.61  | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.13 | 252  | 129180m  | 2.66  | ng    |          |
| 89) Benzo(a)pyrene          | 15.48 | 252  | 168249   | 4.07  | ng    | 97       |
| 91) Benzo(g,h,i)perylene    | 17.41 | 276  | 81091    | 2.70  | ng    | 95       |

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

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