

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\  
 Data File : BF098546.D  
 Acq On : 14 Sep 2017 23:46  
 Operator : SJ/JU  
 Sample : I5161-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RL-12-13-26

Manual Integrations  
 APPROVED

Sohil  
 9/15/2017 5:44:24 PM

Quant Time: Sep 15 06:56:52 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 02:14:50 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.65  | 152  | 137415   | 20.00  | ng    | -0.02       |
| 21) Naphthalene-d8          | 7.93  | 136  | 554917   | 20.00  | ng    | -0.02       |
| 38) Acenaphthene-d10        | 9.68  | 164  | 231668   | 20.00  | ng    | -0.02       |
| 63) Phenanthrene-d10        | 11.16 | 188  | 342463   | 20.00  | ng    | -0.02       |
| 75) Chrysene-d12            | 13.79 | 240  | 265432   | 20.00  | ng    | -0.02       |
| 86) Perylene-d12            | 15.19 | 264  | 298800   | 20.00  | ng    | -0.02       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.26  | 112  | 989636   | 106.48 | ng    | -0.02       |
| 7) Phenol-d6                | 6.30  | 99   | 1191053  | 100.93 | ng    | -0.02       |
| 23) Nitrobenzene-d5         | 7.22  | 82   | 679730   | 68.29  | ng    | -0.02       |
| 41) 2,4,6-Tribromophenol    | 10.47 | 330  | 155795   | 100.76 | ng    | -0.02       |
| 44) 2-Fluorobiphenyl        | 9.01  | 172  | 894405   | 65.44  | ng    | -0.02       |
| 78) Terphenyl-d14           | 12.74 | 244  | 502287   | 40.85  | ng    | -0.02       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.31  | 94   | 33013    | 2.409  | ng    | Qvalue # 45 |
| 20) 3+4-Methylphenols       | 7.09  | 107  | 65371    | 6.216  | ng    | # 57        |
| 31) Naphthalene             | 7.95  | 128  | 69913    | 2.549  | ng    | 96          |
| 49) Dimethylphthalate       | 9.40  | 163  | 166458   | 9.282  | ng    | 98          |
| 70) Phenanthrene            | 11.19 | 178  | 49412    | 2.722  | ng    | 98          |
| 74) Fluoranthene            | 12.37 | 202  | 70796    | 3.895  | ng    | 99          |
| 77) Pyrene                  | 12.60 | 202  | 67637    | 3.230  | ng    | 99          |
| 80) Benzo(a)anthracene      | 13.78 | 228  | 41163    | 2.645  | ng    | 99          |
| 82) Chrysene                | 13.82 | 228  | 39709m   | 2.524  | ng    |             |
| 85) Indeno(1,2,3-cd)pyrene  | 16.53 | 276  | 23006    | 2.085  | ng    | 93          |
| 87) Benzo(b)fluoranthene    | 14.80 | 252  | 54215m   | 2.886  | ng    |             |
| 89) Benzo(a)pyrene          | 15.13 | 252  | 43782    | 2.616  | ng    | # 92        |

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

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