

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\  
 Data File : BF099416.D  
 Acq On : 13 Oct 2017 1:10  
 Operator : SJ/JU  
 Sample : I5729-14  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 7W-(1-2)

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 3:06:38 PM

Quant Time: Oct 13 05:01:13 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 11 16:25:21 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 111539   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 433807   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.89  | 164  | 169035   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.37 | 188  | 244915   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.02 | 240  | 209077   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.49 | 264  | 174200   | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.48  | 112  | 677214   | 96.65  | ng    | 0.01     |
| 7) Phenol-d6                | 6.49  | 99   | 827592   | 95.75  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 500999   | 74.06  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.68 | 330  | 116059   | 83.91  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.21  | 172  | 787225   | 77.75  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.96 | 244  | 532885   | 57.96  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.50  | 94   | 27635    | 2.859  | ng    | 95       |
| 31) Naphthalene             | 8.16  | 128  | 49496    | 2.429  | ng    | 100      |
| 37) 2-Methylnaphthalene     | 8.85  | 142  | 35401    | 2.673  | ng    | 98       |
| 49) Dimethylphthalate       | 9.60  | 163  | 182972   | 14.342 | ng    | 99       |
| 51) Acenaphthene            | 9.92  | 154  | 34476    | 3.259  | ng    | 99       |
| 54) Dibenzofuran            | 10.09 | 168  | 56225    | 3.992  | ng    | 97       |
| 57) Fluorene                | 10.43 | 166  | 38973    | 3.443  | ng    | 97       |
| 70) Phenanthrene            | 11.40 | 178  | 729144   | 55.619 | ng    | 99       |
| 71) Anthracene              | 11.45 | 178  | 121486   | 9.057  | ng    | 99       |
| 72) Carbazole               | 11.61 | 167  | 77870    | 5.928  | ng    | 100      |
| 73) Di-n-butylphthalate     | 11.93 | 149  | 41543    | 2.627  | ng    | 97       |
| 74) Fluoranthene            | 12.60 | 202  | 985225   | 74.217 | ng    | 98       |
| 77) Pyrene                  | 12.83 | 202  | 871864   | 54.687 | ng    | 99       |
| 80) Benzo(a)anthracene      | 14.01 | 228  | 421896   | 33.325 | ng    | 99       |
| 82) Chrysene                | 14.04 | 228  | 365206   | 30.300 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.97 | 276  | 137661   | 14.278 | ng    | 99       |
| 87) Benzo(b)fluoranthene    | 15.06 | 252  | 414694m  | 38.718 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.09 | 252  | 143280m  | 13.544 | ng    |          |
| 89) Benzo(a)pyrene          | 15.43 | 252  | 252716   | 25.705 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene  | 16.97 | 278  | 34532    | 4.389  | ng    | # 77     |
| 91) Benzo(g,h,i)perylene    | 17.43 | 276  | 133010   | 17.102 | ng    | 95       |

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

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