

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\  
 Data File : BF101215.D  
 Acq On : 7 Dec 2017 19:46  
 Operator : SJ/JU  
 Sample : I6717-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB-3(0-10)

Manual Integrations  
 APPROVED

Sohil  
 12/8/2017 11:12:20 AM

Quant Time: Dec 08 00:10:29 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 04 13:07:49 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.84  | 152  | 44761    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.12  | 136  | 160505   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 9.88  | 164  | 64208    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.37 | 188  | 113702   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 14.02 | 240  | 92811    | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.50 | 264  | 76003    | 20.00  | ng    | 0.01     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 306317   | 113.08 | ng    | 0.00     |
| 7) Phenol-d6                | 6.48  | 99   | 353215   | 107.40 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 199697   | 74.22  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.67 | 330  | 71995    | 93.34  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 406302   | 86.58  | ng    | -0.01    |
| 78) Terphenyl-d14           | 12.96 | 244  | 335649   | 79.10  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.49  | 94   | 8756     | 2.394  | ng    | 90       |
| 49) Dimethylphthalate       | 9.59  | 163  | 47102    | 9.096  | ng    | 99       |
| 70) Phenanthrene            | 11.40 | 178  | 43816    | 6.998  | ng    | 97       |
| 74) Fluoranthene            | 12.59 | 202  | 60761    | 8.754  | ng    | 94       |
| 77) Pyrene                  | 12.82 | 202  | 56828    | 8.873  | ng    | 95       |
| 80) Benzo(a)anthracene      | 14.01 | 228  | 26968    | 4.602  | ng    | 99       |
| 82) Chrysene                | 14.04 | 228  | 23152    | 4.254  | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.99 | 276  | 10574    | 2.185  | ng    | 92       |
| 87) Benzo(b)fluoranthene    | 15.07 | 252  | 24302m   | 5.338  | ng    |          |
| 89) Benzo(a)pyrene          | 15.44 | 252  | 17491    | 4.226  | ng    | 95       |
| 91) Benzo(g,h,i)perylene    | 17.44 | 276  | 9888     | 2.876  | ng    | 94       |

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

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