

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\  
 Data File : BF101793.D  
 Acq On : 28 Dec 2017 8:41  
 Operator : SJ/JU  
 Sample : I7069-10DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-22-COMP

Manual Integrations  
 APPROVED

Sohil  
 12/28/2017 2:03:33 PM

Quant Time: Dec 28 10:31:06 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 26 10:48:01 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 114824   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.07  | 136  | 418703   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.83  | 164  | 164623   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.32 | 188  | 275039   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 13.98 | 240  | 253369   | 20.00  | ng    | 0.01     |
| 86) Perylene-d12            | 15.46 | 264  | 224607   | 20.00  | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.43  | 112  | 175235   | 22.73  | ng    | 0.02     |
| 7) Phenol-d6                | 6.45  | 99   | 222502   | 23.19  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.37  | 82   | 120159   | 15.97  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.63 | 330  | 35639    | 22.47  | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 9.15  | 172  | 221212   | 20.84  | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.90 | 244  | 183818   | 17.49  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       | Qvalue   |
| 51) Acenaphthene            | 9.86  | 154  | 60120    | 5.671  | ng    | 97       |
| 54) Dibenzofuran            | 10.04 | 168  | 61284    | 4.549  | ng    | # 97     |
| 57) Fluorene                | 10.38 | 166  | 90819    | 7.969  | ng    | 97       |
| 70) Phenanthrene            | 11.35 | 178  | 675964   | 44.194 | ng    | 99       |
| 71) Anthracene              | 11.40 | 178  | 199061   | 12.741 | ng    | 99       |
| 72) Carbazole               | 11.57 | 167  | 88726    | 6.066  | ng    | 98       |
| 74) Fluoranthene            | 12.54 | 202  | 753496   | 46.933 | ng    | 98       |
| 77) Pyrene                  | 12.77 | 202  | 641035   | 33.712 | ng    | 100      |
| 80) Benzo(a)anthracene      | 13.97 | 228  | 377847   | 22.585 | ng    | 96       |
| 82) Chrysene                | 14.01 | 228  | 348020   | 22.031 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene  | 16.95 | 276  | 102020m  | 7.253  | ng    |          |
| 87) Benzo(b)fluoranthene    | 15.03 | 252  | 303101m  | 22.140 | ng    |          |
| 88) Benzo(k)fluoranthene    | 15.06 | 252  | 119956m  | 9.012  | ng    |          |
| 89) Benzo(a)pyrene          | 15.40 | 252  | 206624   | 16.372 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene  | 16.94 | 278  | 29736    | 2.744  | ng    | # 74     |
| 91) Benzo(g,h,i)perylene    | 17.40 | 276  | 93866    | 8.748  | ng    | 94       |

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

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