

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\  
 Data File : BF097176.D  
 Acq On : 29 Jul 2017 1:37  
 Operator : SJ/JU  
 Sample : I4456-09  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-15-SS-6

Manual Integrations  
 APPROVED

Sohil  
 7/31/2017 6:52:26 PM

Quant Time: Jul 31 15:44:17 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 14:11:51 2017  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.49  | 152  | 112896   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 7.77  | 136  | 385420   | 20.00  | ng    | -0.02     |
| 38) Acenaphthene-d10        | 9.51  | 164  | 156956   | 20.00  | ng    | -0.02     |
| 63) Phenanthrene-d10        | 10.99 | 188  | 221073   | 20.00  | ng    | -0.02     |
| 75) Chrysene-d12            | 13.62 | 240  | 185858   | 20.00  | ng    | -0.01     |
| 86) Perylene-d12            | 14.96 | 264  | 143426   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.09  | 112  | 691109   | 92.28  | ng    | -0.01     |
| 7) Phenol-d6                | 6.15  | 99   | 847220   | 99.09  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.05  | 82   | 487143   | 74.15  | ng    | -0.02     |
| 41) 2,4,6-Tribromophenol    | 10.30 | 330  | 101355   | 81.73  | ng    | -0.02     |
| 44) 2-Fluorobiphenyl        | 8.85  | 172  | 579881   | 62.70  | ng    | -0.02     |
| 78) Terphenyl-d14           | 12.57 | 244  | 355464   | 38.99  | ng    | -0.02     |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.25  | 163  | 98307    | 8.248  | ng    | Qvalue 99 |
| 51) Acenaphthene            | 9.55  | 154  | 23494    | 2.634  | ng    | 97        |
| 57) Fluorene                | 10.06 | 166  | 21266    | 2.382  | ng    | # 96      |
| 70) Phenanthrene            | 11.01 | 178  | 261031   | 22.037 | ng    | 99        |
| 71) Anthracene              | 11.06 | 178  | 64958    | 5.354  | ng    | 98        |
| 72) Carbazole               | 11.22 | 167  | 33962    | 2.846  | ng    | 97        |
| 74) Fluoranthene            | 12.19 | 202  | 434342   | 37.430 | ng    | 97        |
| 77) Pyrene                  | 12.42 | 202  | 384737   | 25.286 | ng    | 99        |
| 80) Benzo(a)anthracene      | 13.60 | 228  | 192174   | 15.980 | ng    | 99        |
| 82) Chrysene                | 13.64 | 228  | 197426   | 16.813 | ng    | 97        |
| 85) Indeno(1,2,3-cd)pyrene  | 16.18 | 276  | 68106    | 6.764  | ng    | 98        |
| 87) Benzo(b)fluoranthene    | 14.60 | 252  | 230892m  | 26.780 | ng    |           |
| 88) Benzo(k)fluoranthene    | 14.63 | 252  | 52154m   | 6.348  | ng    |           |
| 89) Benzo(a)pyrene          | 14.91 | 252  | 135650   | 17.191 | ng    | # 96      |
| 90) Dibenzo(a,h)anthracene  | 16.19 | 278  | 19315m   | 2.985  | ng    |           |
| 91) Benzo(g,h,i)perylene    | 16.54 | 276  | 64153    | 9.454  | ng    | 98        |

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

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