

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\  
 Data File : BF111444.D  
 Acq On : 15 Dec 2018 3:26  
 Operator : JU/SJ  
 Sample : J6208-17DL 4X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-5DL

Manual Integrations  
 APPROVED

Sohil  
 12/17/2018 2:37:17 PM

Quant Time: Dec 15 04:53:20 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 14 13:26:17 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 179676   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.07  | 136  | 906113   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.83  | 164  | 355362   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.32 | 188  | 540963   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.96 | 240  | 419069   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.39 | 264  | 319041   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.41  | 112  | 296358   | 27.45  | ng    | 0.00      |
| 7) Phenol-d6                | 6.43  | 99   | 374955   | 26.11  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 214409   | 14.09  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 68489    | 21.52  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 374796   | 16.29  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.90 | 244  | 252175   | 14.13  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Acenaphthylene          | 9.69  | 152  | 77538    | 2.282  | ng    | Qvalue 92 |
| 52) Acenaphthene            | 9.86  | 154  | 81353    | 3.789  | ng    | 99        |
| 55) Dibenzofuran            | 10.03 | 168  | 67635    | 2.170  | ng    | # 94      |
| 58) Fluorene                | 10.37 | 166  | 119977   | 5.307  | ng    | 99        |
| 71) Phenanthrene            | 11.34 | 178  | 1399100  | 50.192 | ng    | 95        |
| 72) Anthracene              | 11.39 | 178  | 422081   | 14.806 | ng    | 93        |
| 73) Carbazole               | 11.54 | 167  | 79474    | 2.696  | ng    | # 96      |
| 75) Fluoranthene            | 12.53 | 202  | 2131457  | 78.162 | ng    | 100       |
| 78) Pyrene                  | 12.76 | 202  | 1976278  | 66.889 | ng    | 97        |
| 81) Benzo(a)anthracene      | 13.94 | 228  | 914501   | 40.134 | ng    | 99        |
| 83) Chrysene                | 13.98 | 228  | 777351   | 32.384 | ng    | 98        |
| 86) Indeno(1,2,3-cd)pyrene  | 16.81 | 276  | 202311   | 11.678 | ng    | # 89      |
| 88) Benzo(b)fluoranthene    | 14.98 | 252  | 689013m  | 37.043 | ng    |           |
| 89) Benzo(k)fluoranthene    | 15.00 | 252  | 243263m  | 13.687 | ng    |           |
| 90) Benzo(a)pyrene          | 15.33 | 252  | 474119   | 28.266 | ng    | 98        |
| 91) Dibenzo(a,h)anthracene  | 16.82 | 278  | 55400    | 4.187  | ng    | 95        |
| 92) Benzo(g,h,i)perylene    | 17.24 | 276  | 163648   | 12.600 | ng    | # 93      |

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

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