

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\  
 Data File : BF111302.D  
 Acq On : 12 Dec 2018 3:21  
 Operator : JU/SJ  
 Sample : J6195-05 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-121018-A

Manual Integrations  
 APPROVED

Sohil  
 12/12/2018 5:30:19 PM

Quant Time: Dec 12 04:49:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 10 01:15:27 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 260340   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.07  | 136  | 1030791  | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.83  | 164  | 444903   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.32 | 188  | 667255   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.95 | 240  | 578575   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.39 | 264  | 479979   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.40  | 112  | 398470   | 24.17  | ng    | 0.00     |
| 7) Phenol-d6                | 6.42  | 99   | 513845   | 25.08  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 288210   | 15.68  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 82675    | 20.98  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 535894   | 14.03  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.90 | 244  | 374342   | 15.52  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 50) Dimethylphthalate       | 9.55  | 163  | 84116    | 2.562  | ng    | 99       |
| 71) Phenanthrene            | 11.34 | 178  | 310771   | 9.234  | ng    | 92       |
| 72) Anthracene              | 11.39 | 178  | 90063    | 2.558  | ng    | 94       |
| 75) Fluoranthene            | 12.53 | 202  | 361446   | 11.757 | ng    | 96       |
| 78) Pyrene                  | 12.75 | 202  | 346327   | 8.376  | ng    | 97       |
| 81) Benzo(a)anthracene      | 13.94 | 228  | 191424   | 5.930  | ng    | 94       |
| 83) Chrysene                | 13.97 | 228  | 173808   | 5.223  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.79 | 276  | 66717    | 2.484  | ng    | 94       |
| 88) Benzo(b)fluoranthene    | 14.97 | 252  | 204041m  | 7.687  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.00 | 252  | 69012m   | 2.765  | ng    |          |
| 90) Benzo(a)pyrene          | 15.33 | 252  | 147276   | 6.025  | ng    | 98       |
| 92) Benzo(a,h,i)perylene    | 17.22 | 276  | 68771    | 3.578  | ng    | 98       |

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

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