

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
 Data File : BF111609.D  
 Acq On : 20 Dec 2018 00:01  
 Operator : JU/SJ  
 Sample : J6194-09 2X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-01-121818-B

Manual Integrations  
 APPROVED

Sohil  
 12/20/2018 12:42:19 PM

Quant Time: Dec 20 04:25:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 19 17:39:39 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.89  | 152  | 218926   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.17  | 136  | 836144   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.93  | 164  | 399759   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.41 | 188  | 633254   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.04 | 240  | 535847   | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 15.52 | 264  | 421656   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.51  | 112  | 589395   | 45.89  | ng    | 0.00      |
| 7) Phenol-d6                | 6.51  | 99   | 772758   | 47.28  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 441150   | 30.71  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 185656   | 39.31  | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 833816   | 30.40  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.99 | 244  | 664905   | 23.53  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 10) Phenol                  | 6.52  | 94   | 68492    | 3.714  | ng    | Qvalue 96 |
| 31) Naphthalene             | 8.20  | 128  | 88893    | 2.213  | ng    | 95        |
| 50) Dimethylphthalate       | 9.64  | 163  | 100873   | 3.451  | ng    | 97        |
| 58) Fluorene                | 10.47 | 166  | 69988    | 2.670  | ng    | 99        |
| 71) Phenanthrene            | 11.43 | 178  | 350604   | 10.440 | ng    | 94        |
| 72) Anthracene              | 11.49 | 178  | 77775    | 2.307  | ng    | 94        |
| 75) Fluoranthene            | 12.62 | 202  | 372845   | 10.963 | ng    | 95        |
| 78) Pyrene                  | 12.85 | 202  | 373296   | 9.865  | ng    | 95        |
| 81) Benzo(a)anthracene      | 14.03 | 228  | 213487   | 6.981  | ng    | 96        |
| 83) Chrysene                | 14.07 | 228  | 187058   | 6.224  | ng    | 97        |
| 86) Indeno(1,2,3-cd)pyrene  | 16.99 | 276  | 63935    | 2.502  | ng    | # 88      |
| 88) Benzo(b)fluoranthene    | 15.09 | 252  | 202896m  | 8.233  | ng    |           |
| 89) Benzo(k)fluoranthene    | 15.11 | 252  | 64855m   | 2.764  | ng    |           |
| 90) Benzo(a)pyrene          | 15.45 | 252  | 132227   | 5.906  | ng    | 96        |
| 92) Benzo(a,h,i)perylene    | 17.43 | 276  | 58727    | 3.068  | ng    | # 88      |

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

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