

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\  
 Data File : BF118246.D  
 Acq On : 18 Dec 2019 00:32  
 Operator : JU  
 Sample : K6117-04 2X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TR-05-121319

Manual Integrations  
 APPROVED

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 12/18/2019 2:41:22 PM

Quant Time: Dec 18 07:12:18 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 06 17:34:43 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 118198   | 20.00  | ng    | -0.01     |
| 21) Naphthalene-d8          | 8.15  | 136  | 443127   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.91  | 164  | 201927   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.40 | 188  | 317352   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.06 | 240  | 237330   | 20.00  | ng    | -0.01     |
| 87) Perylene-d12            | 15.55 | 264  | 194337   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.47  | 112  | 316956   | 46.97  | ng    | 0.00      |
| 7) Phenol-d6                | 6.49  | 99   | 397754   | 48.73  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 219663   | 27.89  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330  | 89598    | 36.53  | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 435058   | 32.78  | ng    | -0.02     |
| 79) Terphenyl-d14           | 13.00 | 244  | 413289   | 29.95  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Acenaphthylene          | 9.77  | 152  | 101248   | 5.358  | ng    | Qvalue 98 |
| 58) Fluorene                | 10.46 | 166  | 28848    | 2.148  | ng    | 98        |
| 71) Phenanthrene            | 11.43 | 178  | 168644   | 9.997  | ng    | 97        |
| 72) Anthracene              | 11.48 | 178  | 75121    | 4.464  | ng    | 98        |
| 75) Fluoranthene            | 12.63 | 202  | 285496   | 16.552 | ng    | 99        |
| 78) Pyrene                  | 12.86 | 202  | 347636   | 18.588 | ng    | 98        |
| 81) Benzo(a)anthracene      | 14.05 | 228  | 165566m  | 10.089 | ng    |           |
| 83) Chrysene                | 14.09 | 228  | 159484   | 10.174 | ng    | 95        |
| 86) Indeno(1,2,3-cd)pyrene  | 17.06 | 276  | 62880    | 4.767  | ng    | 95        |
| 88) Benzo(b)fluoranthene    | 15.11 | 252  | 141705m  | 11.025 | ng    |           |
| 89) Benzo(k)fluoranthene    | 15.14 | 252  | 51633m   | 4.182  | ng    |           |
| 90) Benzo(a)pyrene          | 15.49 | 252  | 119903   | 10.563 | ng    | 96        |
| 91) Dibenzo(a,h)anthracene  | 17.06 | 278  | 19597    | 2.013  | ng    | # 63      |
| 92) Benzo(g,h,i)perylene    | 17.52 | 276  | 67399    | 7.204  | ng    | # 93      |

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

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