

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
 Data File : BF111614.D  
 Acq On : 20 Dec 2018 2:20  
 Operator : JU/SJ  
 Sample : J6199-11 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SU-02-121818-B

Manual Integrations  
 APPROVED

Sohil  
 12/20/2018 12:42:36 PM

Quant Time: Dec 20 04:39:27 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   | 6.90  | 152  | 187716   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.18  | 136  | 656071   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.93  | 164  | 296911   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.42 | 188  | 529391   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.05 | 240  | 486290   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12            | 15.52 | 264  | 334513   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.50  | 112  | 253789   | 23.05 | ng    | -0.01    |
| 7) Phenol-d6                | 6.51  | 99   | 322383   | 23.00 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 173593   | 15.40 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.71 | 330  | 70845    | 20.19 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.25  | 172  | 313639   | 15.40 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.00 | 244  | 316873   | 12.36 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 71) Phenanthrene            | 11.44 | 178  | 188211   | 6.704 | ng    | 93       |
| 75) Fluoranthene            | 12.63 | 202  | 281881   | 9.915 | ng    | 94       |
| 78) Pyrene                  | 12.86 | 202  | 271604   | 7.909 | ng    | 95       |
| 81) Benzo(a)anthracene      | 14.04 | 228  | 126585   | 4.561 | ng    | 97       |
| 83) Chrysene                | 14.07 | 228  | 119864   | 4.394 | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.09 | 252  | 124379m  | 6.362 | ng    |          |
| 90) Benzo(a)pyrene          | 15.46 | 252  | 81408    | 4.583 | ng    | 96       |
| 92) Benzo(g,h,i)perylene    | 17.44 | 276  | 43236    | 2.847 | ng    | 90       |

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

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