

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF040319\  
 Data File : BF113563.D  
 Acq On : 4 Apr 2019 00:47  
 Operator : JU/SJ  
 Sample : K2196-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HD-01-040119

Manual Integrations  
 APPROVED

Sohil  
 4/4/2019 10:57:57 AM

Quant Time: Apr 04 06:05:50 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 04:05:31 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.69  | 152  | 119839   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 7.96  | 136  | 400578   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.72  | 164  | 173202   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.20 | 188  | 347923   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 13.84 | 240  | 326077   | 20.00  | ng    | 0.00        |
| 87) Perylene-d12            | 15.25 | 264  | 240530   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.29  | 112  | 471120   | 67.04  | ng    | 0.00        |
| 7) Phenol-d6                | 6.33  | 99   | 604295   | 69.77  | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 7.25  | 82   | 345207   | 50.48  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 10.51 | 330  | 146541   | 70.43  | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.05  | 172  | 628381   | 58.41  | ng    | 0.00        |
| 79) Terphenyl-d14           | 12.79 | 244  | 756861   | 47.26  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 32) Benzoic acid            | 7.75  | 122  | 13981    | 3.332  | ng    | Qvalue # 73 |
| 50) Dimethylphthalate       | 9.44  | 163  | 40904    | 3.204  | ng    | # 98        |
| 71) Phenanthrene            | 11.23 | 178  | 83824    | 4.849  | ng    | 97          |
| 75) Fluoranthene            | 12.42 | 202  | 201352   | 10.869 | ng    | 98          |
| 78) Pyrene                  | 12.64 | 202  | 230965   | 9.309  | ng    | 98          |
| 81) Benzo(a)anthracene      | 13.83 | 228  | 101725   | 5.408  | ng    | 98          |
| 83) Chrysene                | 13.86 | 228  | 112734   | 5.912  | ng    | 97          |
| 86) Indeno(1,2,3-cd)pyrene  | 16.62 | 276  | 47530    | 2.700  | ng    | 98          |
| 88) Benzo(b)fluoranthene    | 14.86 | 252  | 118843m  | 8.072  | ng    |             |
| 89) Benzo(k)fluoranthene    | 14.88 | 252  | 27341m   | 2.069  | ng    |             |
| 90) Benzo(a)pyrene          | 15.20 | 252  | 75692    | 5.785  | ng    | # 92        |
| 92) Benzo(g,h,i)perylene    | 17.04 | 276  | 54680    | 4.379  | ng    | 94          |

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

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