

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\  
 Data File : BF117336.D  
 Acq On : 4 Oct 2019 00:11  
 Operator : JU  
 Sample : K5165-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 NBP-2019

Manual Integrations  
 APPROVED

mohammad  
 10/7/2019 8:26:15 AM

Quant Time: Oct 04 05:29:25 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.81  | 152  | 46762    | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8             | 8.09  | 136  | 156403   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10           | 9.84  | 164  | 57718    | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10           | 11.33 | 188  | 92780    | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12               | 13.97 | 240  | 85038    | 20.00  | ng    | 0.00     |
| 87) Perylene-d12               | 15.43 | 264  | 64209    | 20.00  | ng    | 0.01     |
| System Monitoring Compounds    |       |      |          |        |       |          |
| 5) 2-Fluorophenol              | 5.44  | 112  | 265891   | 88.77  | ng    | 0.00     |
| 7) Phenol-d6                   | 6.46  | 99   | 374664   | 96.79  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.37  | 82   | 220311   | 74.01  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol       | 10.63 | 330  | 45871    | 95.09  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl           | 9.16  | 172  | 327922   | 88.83  | ng    | -0.01    |
| 79) Terphenyl-d14              | 12.91 | 244  | 303761   | 66.77  | ng    | 0.00     |
| Target Compounds               |       |      |          |        |       |          |
| 50) Dimethylphthalate          | 9.56  | 163  | 28720    | 7.028  | ng    | 99       |
| 71) Phenanthrene               | 11.35 | 178  | 65108    | 12.355 | ng    | 98       |
| 72) Anthracene                 | 11.40 | 178  | 18825m   | 3.499  | ng    |          |
| 75) Fluoranthene               | 12.54 | 202  | 142606   | 26.336 | ng    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 129203   | 18.108 | ng    | 95       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 67605    | 11.899 | ng    | 98       |
| 83) Chrysene                   | 14.00 | 228  | 61313    | 11.065 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 11158    | 2.567  | ng    | # 96     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.89 | 276  | 24062    | 5.952  | ng    | # 90     |
| 88) Benzo(b)fluoranthene       | 15.01 | 252  | 59238m   | 15.231 | ng    |          |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 20442m   | 5.548  | ng    |          |
| 90) Benzo(a)pyrene             | 15.37 | 252  | 38376    | 11.244 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene     | 16.89 | 278  | 5937     | 2.184  | ng    | # 64     |
| 92) Benzo(a,h,i)perylene       | 17.33 | 276  | 24237    | 8.946  | ng    | 94       |

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

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