

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\  
 Data File : BF115774.D  
 Acq On : 25 Jul 2019 22:40  
 Operator : HP/JU  
 Sample : K3983-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-1

Manual Integrations  
 APPROVED

mohammad  
 7/26/2019 3:23:16 PM

Quant Time: Jul 26 07:36:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 25 13:16:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min)   |
|--------------------------------|-------|------|----------|--------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4      | 6.87  | 152  | 140206   | 20.00  | ng    | 0.00       |
| 21) Naphthalene-d8             | 8.15  | 136  | 508530   | 20.00  | ng    | 0.00       |
| 39) Acenaphthene-d10           | 9.90  | 164  | 294688   | 20.00  | ng    | 0.00       |
| 64) Phenanthrene-d10           | 11.39 | 188  | 513454   | 20.00  | ng    | 0.00       |
| 76) Chrysene-d12               | 14.03 | 240  | 339908   | 20.00  | ng    | 0.00       |
| 87) Perylene-d12               | 15.50 | 264  | 417541   | 20.00  | ng    | 0.00       |
| System Monitoring Compounds    |       |      |          |        |       |            |
| 5) 2-Fluorophenol              | 5.49  | 112  | 839152   | 97.90  | ng    | 0.00       |
| 7) Phenol-d6                   | 6.50  | 99   | 1112240  | 102.26 | ng    | 0.00       |
| 23) Nitrobenzene-d5            | 7.43  | 82   | 702057   | 80.27  | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol       | 10.69 | 330  | 325362   | 94.59  | ng    | 0.00       |
| 45) 2-Fluorobiphenyl           | 9.23  | 172  | 1220818  | 72.51  | ng    | 0.00       |
| 79) Terphenyl-d14              | 12.97 | 244  | 1206747  | 65.51  | ng    | 0.00       |
| Target Compounds               |       |      |          |        |       |            |
| 50) Dimethylphthalate          | 9.62  | 163  | 335497   | 15.132 | ng    | Qvalue 100 |
| 58) Fluorene                   | 10.45 | 166  | 38009    | 2.040  | ng    | 98         |
| 71) Phenanthrene               | 11.42 | 178  | 735372   | 27.941 | ng    | 100        |
| 72) Anthracene                 | 11.46 | 178  | 177232   | 6.516  | ng    | 98         |
| 73) Carbazole                  | 11.62 | 167  | 92230    | 3.867  | ng    | 98         |
| 75) Fluoranthene               | 12.60 | 202  | 1120143  | 40.275 | ng    | 98         |
| 78) Pyrene                     | 12.83 | 202  | 968060   | 33.615 | ng    | 99         |
| 81) Benzo(a)anthracene         | 14.02 | 228  | 501705   | 22.404 | ng    | 98         |
| 83) Chrysene                   | 14.06 | 228  | 454399   | 20.214 | ng    | 97         |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 69987    | 4.602  | ng    | # 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 284624   | 14.903 | ng    | 95         |
| 88) Benzo(b)fluoranthene       | 15.07 | 252  | 595418m  | 22.146 | ng    |            |
| 89) Benzo(k)fluoranthene       | 15.09 | 252  | 218637m  | 9.121  | ng    |            |
| 90) Benzo(a)pyrene             | 15.43 | 252  | 427868   | 18.516 | ng    | 97         |
| 91) Dibenzo(a,h)anthracene     | 16.97 | 278  | 76106m   | 3.751  | ng    |            |
| 92) Benzo(g,h,i)perylene       | 17.42 | 276  | 254604   | 12.584 | ng    | 98         |

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

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