

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\  
 Data File : BF115955.D  
 Acq On : 2 Aug 2019 19:11  
 Operator : HP/JU  
 Sample : K4130-20  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1S-H-(0-30)-COMP

Manual Integrations  
 APPROVED

mohammad  
 8/8/2019 4:44:29 PM

Quant Time: Aug 03 00:57:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 15:31:51 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 128425   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 501339   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.89  | 164  | 265987   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.38 | 188  | 485571   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.03 | 240  | 367340   | 20.00  | ng    | 0.00     |
| 87) Perylene-d12            | 15.49 | 264  | 366488   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 761077   | 99.21  | ng    | 0.00     |
| 7) Phenol-d6                | 6.49  | 99   | 992492   | 102.54 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 637566   | 73.41  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 259836   | 100.76 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.21  | 172  | 1038833  | 73.15  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.96 | 244  | 1206434  | 69.20  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.49  | 94   | 41767    | 3.664  | ng    | 79       |
| 50) Dimethylphthalate       | 9.60  | 163  | 117576   | 6.492  | ng    | 99       |
| 52) Acenaphthene            | 9.92  | 154  | 39353    | 2.813  | ng    | 99       |
| 58) Fluorene                | 10.44 | 166  | 31559    | 2.016  | ng    | 99       |
| 71) Phenanthrene            | 11.40 | 178  | 608185   | 24.500 | ng    | 100      |
| 72) Anthracene              | 11.46 | 178  | 205126   | 8.165  | ng    | 99       |
| 75) Fluoranthene            | 12.60 | 202  | 1451862  | 55.867 | ng    | 97       |
| 78) Pyrene                  | 12.83 | 202  | 1309962  | 47.307 | ng    | 99       |
| 81) Benzo(a)anthracene      | 14.02 | 228  | 761526   | 32.434 | ng    | 99       |
| 83) Chrysene                | 14.05 | 228  | 649599   | 28.498 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene  | 16.97 | 276  | 323615   | 16.903 | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.07 | 252  | 754760m  | 35.617 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.09 | 252  | 204898m  | 9.927  | ng    |          |
| 90) Benzo(a)pyrene          | 15.43 | 252  | 509392   | 26.891 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 16.97 | 278  | 82526m   | 5.033  | ng    |          |
| 92) Benzo(g,h,i)perylene    | 17.42 | 276  | 302050   | 18.757 | ng    | 99       |

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

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