

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103020\  
 Data File : BF122196.D  
 Acq On : 30 Oct 2020 23:25  
 Operator : JU/CG  
 Sample : L4564-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-GF-03-017-A

Manual Integrations  
 APPROVED

mohammad  
 11/2/2020 12:36:24 PM

Quant Time: Oct 31 03:00:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 30 10:16:54 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|-------|-----------|
| -----                       |        |      |          |       |       |           |
| Internal Standards          |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.710  | 152  | 100537   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.992  | 136  | 384272   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.745  | 164  | 184624   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.233 | 188  | 281461   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.880 | 240  | 193848   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 15.321 | 264  | 204409   | 20.00 | ng    | 0.02      |
| System Monitoring Compounds |        |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.340  | 112  | 661564   | 97.12 | ng    | 0.00      |
| 7) Phenol-d6                | 6.369  | 99   | 825521   | 94.14 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.281  | 82   | 534086   | 71.28 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.539 | 330  | 198668   | 86.99 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.069  | 172  | 889858   | 70.92 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.816 | 244  | 638121   | 62.74 | ng    | 0.00      |
| Target Compounds            |        |      |          |       |       |           |
| 10) Phenol                  | 6.381  | 94   | 49454    | 5.46  | ng    | Qvalue 91 |
| 31) Naphthalene             | 8.016  | 128  | 111251   | 5.40  | ng    | 99        |
| 35) Caprolactam             | 8.434  | 113  | 9206     | 4.92  | ng    | # 80      |
| 37) 2-Methylnaphthalene     | 8.710  | 142  | 61903    | 4.64  | ng    | 98        |
| 38) 1-Methylnaphthalene     | 8.804  | 142  | 56807    | 4.60  | ng    | 97        |
| 50) Dimethylphthalate       | 9.469  | 163  | 181840   | 13.47 | ng    | 99        |
| 52) Acenaphthene            | 9.775  | 154  | 86955    | 8.15  | ng    | 98        |
| 55) Dibenzofuran            | 9.951  | 168  | 151902   | 9.74  | ng    | 99        |
| 58) Fluorene                | 10.292 | 166  | 153556   | 12.22 | ng    | 99        |
| 71) Phenanthrene            | 11.263 | 178  | 1222854  | 79.24 | ng    | 99        |
| 72) Anthracene              | 11.310 | 178  | 325836   | 20.36 | ng    | 98        |
| 73) Carbazole               | 11.480 | 167  | 108504   | 7.62  | ng    | 97        |
| 75) Fluoranthene            | 12.451 | 202  | 997884   | 60.30 | ng    | 98        |
| 78) Pyrene                  | 12.680 | 202  | 803415   | 54.39 | ng    | 99        |
| 81) Benzo(a)anthracene      | 13.868 | 228  | 408155   | 32.13 | ng    | 98        |
| 83) Chrysene                | 13.904 | 228  | 343164   | 27.52 | ng    | 98        |
| 87) Indeno(1,2,3-cd)pyrene  | 16.739 | 276  | 180783   | 13.62 | ng    | # 94      |
| 88) Benzo(b)fluoranthene    | 14.910 | 252  | 447320m  | 32.37 | ng    |           |
| 89) Benzo(k)fluoranthene    | 14.933 | 252  | 133574m  | 10.18 | ng    |           |
| 90) Benzo(a)pyrene          | 15.262 | 252  | 313400   | 26.26 | ng    | 97        |
| 91) Dibenzo(a,h)anthracene  | 16.733 | 278  | 46087    | 4.22  | ng    | # 88      |
| 92) Benzo(g,h,i)perylene    | 17.168 | 276  | 164128   | 15.01 | ng    | 98        |
| -----                       |        |      |          |       |       |           |

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

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