

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF051719\  
 Data File : BF114378.D  
 Acq On : 18 May 2019 4:41  
 Operator : JU/SJ  
 Sample : K2866-04DL 2X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-COMP-2DL

Manual Integrations  
 APPROVED

mohammad  
 5/21/2019 2:16:55 PM

Quant Time: May 18 06:48:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 10 15:56:46 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 175360   | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.13  | 136  | 713397   | 20.00  | ng    | 0.00           |
| 39) Acenaphthene-d10        | 9.89  | 164  | 341212   | 20.00  | ng    | 0.00           |
| 64) Phenanthrene-d10        | 11.38 | 188  | 612062   | 20.00  | ng    | 0.01           |
| 76) Chrysene-d12            | 14.03 | 240  | 405365   | 20.00  | ng    | 0.00           |
| 87) Perylene-d12            | 15.50 | 264  | 367680   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.47  | 112  | 644777   | 59.17  | ng    | 0.00           |
| 7) Phenol-d6                | 6.49  | 99   | 869824   | 67.49  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 373624   | 29.39  | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 167211   | 47.40  | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 935707   | 41.48  | ng    | 0.00           |
| 79) Terphenyl-d14           | 12.96 | 244  | 828667   | 42.14  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 50) Dimethylphthalate       | 9.60  | 163  | 124328   | 4.964  | ng    | Qvalue<br># 98 |
| 52) Acenaphthene            | 9.92  | 154  | 197744   | 9.551  | ng    | 96             |
| 58) Fluorene                | 10.43 | 166  | 139656   | 5.955  | ng    | 98             |
| 71) Phenanthrene            | 11.41 | 178  | 1960394  | 65.835 | ng    | 99             |
| 72) Anthracene              | 11.46 | 178  | 456101   | 15.250 | ng    | 98             |
| 73) Carbazole               | 11.61 | 167  | 69014    | 2.420  | ng    | # 83           |
| 74) Di-n-butylphthalate     | 11.93 | 149  | 288324   | 8.775  | ng    | # 96           |
| 75) Fluoranthene            | 12.60 | 202  | 1795596  | 55.996 | ng    | 99             |
| 78) Pyrene                  | 12.84 | 202  | 2735404  | 83.883 | ng    | 98             |
| 81) Benzo(a)anthracene      | 14.02 | 228  | 1135393  | 43.305 | ng    | 99             |
| 83) Chrysene                | 14.06 | 228  | 1030014  | 40.076 | ng    | 100            |
| 86) Indeno(1,2,3-cd)pyrene  | 16.99 | 276  | 239929   | 10.563 | ng    | 97             |
| 88) Benzo(b)fluoranthene    | 15.07 | 252  | 721774m  | 30.641 | ng    |                |
| 89) Benzo(k)fluoranthene    | 15.10 | 252  | 276002m  | 12.755 | ng    |                |
| 90) Benzo(a)pyrene          | 15.44 | 252  | 568530   | 27.424 | ng    | 98             |
| 91) Dibenzo(a,h)anthracene  | 16.99 | 278  | 86793    | 5.038  | ng    | # 90           |
| 92) Benzo(g,h,i)perylene    | 17.43 | 276  | 233560   | 13.529 | ng    | 97             |

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

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