

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062323\  
 Data File : BF133947.D  
 Acq On : 23 Jun 2023 17:21  
 Operator : CG\JU  
 Sample : 03331-26 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPOSTIE-SB18-27

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023  
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 18:38:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 23 02:21:26 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 103580   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 367099   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 154081   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 276451   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 183019   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 154163   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 279338   | 46.949 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 335547   | 43.326 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 204708   | 30.373 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 70705    | 36.252 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 396994   | 36.626 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 383716   | 32.442 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 52) Acenaphthene              | 9.933  | 154  | 22141    | 2.438  | ng    | 98       |
| 58) Fluorene                  | 10.451 | 166  | 25647    | 2.420  | ng    | 94       |
| 71) Phenanthrene              | 11.421 | 178  | 388338   | 27.688 | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 101854   | 6.965  | ng    | 98       |
| 73) Carbazole                 | 11.627 | 167  | 41070    | 3.015  | ng    | 98       |
| 75) Fluoranthene              | 12.616 | 202  | 754210   | 50.637 | ng    | 97       |
| 78) Pyrene                    | 12.851 | 202  | 654719   | 38.402 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 325536   | 25.715 | ng    | 97       |
| 83) Chrysene                  | 14.080 | 228  | 269120   | 22.476 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 22576    | 2.547  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.115 | 276  | 116772   | 11.010 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.121 | 252  | 294567m  | 31.455 | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 88868m   | 9.742  | ng    |          |
| 90) Benzo(a)pyrene            | 15.504 | 252  | 209397   | 24.093 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 17.127 | 278  | 27733    | 3.158  | ng    | # 80     |
| 92) Benzo(g,h,i)perylene      | 17.598 | 276  | 96884    | 11.129 | ng    | 97       |
| -----                         |        |      |          |        |       |          |

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

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