

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062323\  
 Data File : BF133948.D  
 Acq On : 23 Jun 2023 17:54  
 Operator : CG\JU  
 Sample : 03330-01 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMPOSITE-MC03

Manual Integrations  
 APPROVED

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

Quant Time: Jun 23 18:41:17 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  | 99296    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 349291   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 148447   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 260549   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.051 | 240  | 163299   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 135768   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 345735   | 60.616 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 410512   | 55.293 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 262169   | 40.881 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 95619    | 50.886 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 488511   | 46.779 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 449211   | 42.565 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene              | 11.416 | 178  | 86484    | 6.542  | ng    | 98       |
| 75) Fluoranthene              | 12.616 | 202  | 198613   | 14.149 | ng    | 98       |
| 78) Pyrene                    | 12.845 | 202  | 180835   | 11.888 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 86170    | 7.629  | ng    | 94       |
| 83) Chrysene                  | 14.080 | 228  | 78517    | 7.349  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 22255    | 2.814  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.115 | 276  | 35355    | 3.785  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 103620m  | 12.564 | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 24129m   | 3.003  | ng    |          |
| 90) Benzo(a)pyrene            | 15.498 | 252  | 62448    | 8.159  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.586 | 276  | 33979    | 4.432  | ng #  | 86       |
| -----                         |        |      |          |        |       |          |

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

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