

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020524\  
 Data File : BF137274.D  
 Acq On : 05 Feb 2024 13:11  
 Operator : CG\JU  
 Sample : P1340-01DL 2X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-1DL

Quant Time: Feb 05 13:29:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF013024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 31 04:56:22 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut  
 Upadhyay  
 02/06/2024

Supervised By :mohammad  
 ahmed  
 02/07/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.792  | 152  | 58322    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 219645   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 109554   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 175023   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.968 | 240  | 127611   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 94484    | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 239143   | 67.660 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.422  | 99   | 307621   | 60.987 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 198645   | 40.491 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 64605    | 52.217 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 322927   | 40.520 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.910 | 244  | 314843   | 33.540 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 52) Acenaphthene              | 9.857  | 154  | 24692    | 4.068  | ng    | 96       |
| 55) Dibenzofuran              | 10.027 | 168  | 30144    | 3.122  | ng    | 97       |
| 58) Fluorene                  | 10.374 | 166  | 30409    | 4.017  | ng    | 98       |
| 71) Phenanthrene              | 11.339 | 178  | 434436   | 47.414 | ng    | 100      |
| 72) Anthracene                | 11.392 | 178  | 104668   | 10.960 | ng    | 98       |
| 73) Carbazole                 | 11.551 | 167  | 38729    | 4.852  | ng    | 98       |
| 75) Fluoranthene              | 12.533 | 202  | 549937   | 57.357 | ng    | 98       |
| 78) Pyrene                    | 12.763 | 202  | 474373   | 38.682 | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.957 | 228  | 245854   | 27.204 | ng    | 96       |
| 83) Chrysene                  | 13.992 | 228  | 218046   | 24.541 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 13.962 | 149  | 9221     | 2.526  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.939 | 276  | 64750    | 9.754  | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.015 | 252  | 182557m  | 31.418 | ng    |          |
| 89) Benzo(k)fluoranthene      | 15.039 | 252  | 71792m   | 11.679 | ng    |          |
| 90) Benzo(a)pyrene            | 15.386 | 252  | 123197   | 22.530 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 16.956 | 278  | 16267    | 3.058  | ng    | # 82     |
| 92) Benzo(g,h,i)perylene      | 17.386 | 276  | 56796    | 10.880 | ng    | # 95     |

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

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