

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121323\  
 Data File : BF136553.D  
 Acq On : 13 Dec 2023 23:26  
 Operator : CG\JU  
 Sample : 05466-01DL 10X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB21144DL

Quant Time: Dec 14 01:46:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 09:40:27 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh  
 Patel  
 12/14/2023

Supervised By :mohammad  
 ahmed  
 12/14/2023

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.792  | 152  | 97418    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.069  | 136  | 370510   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.828  | 164  | 168999   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.316 | 188  | 262307   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.974 | 240  | 206512   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.451 | 264  | 226746   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 117216   | 17.770 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 144635   | 17.574 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 77397    | 11.293 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 26993    | 12.954 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 173731   | 14.027 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.910 | 244  | 152828   | 9.754  | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.339 | 178  | 78585    | 5.451  | ng    | 97       |
| 75) Fluoranthene            | 12.545 | 202  | 1237001  | 81.873 | ng    | 99       |
| 78) Pyrene                  | 12.769 | 202  | 961136   | 47.522 | ng    | 97       |
| 81) Benzo(a)anthracene      | 13.963 | 228  | 205722   | 14.301 | ng    | 97       |
| 83) Chrysene                | 13.998 | 228  | 307787   | 21.748 | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.015 | 252  | 164883m  | 10.635 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.045 | 252  | 58883m   | 4.030  | ng    |          |
| 90) Benzo(a)pyrene          | 15.386 | 252  | 63213    | 4.937  | ng    | 98       |
| -----                       |        |      |          |        |       |          |

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

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