

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120623\  
 Data File : BF136432.D  
 Acq On : 06 Dec 2023 17:13  
 Operator : CG\JU  
 Sample : 05602-07  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROUTE-4-TP-4

Quant Time: Dec 07 00:53:22 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 12/07/2023  
 Supervised By :mohammad ahmed 12/07/2023

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.799  | 152  | 92745    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.075  | 136  | 328029   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.828  | 164  | 129079   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.322 | 188  | 217313   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.969 | 240  | 202659   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 15.451 | 264  | 162172   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 477921   | 76.102 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 558747   | 71.312 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 322506   | 53.150 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 101022   | 63.474 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 516287   | 54.577 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.916 | 244  | 542753   | 35.299 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.345 | 178  | 118556   | 9.926  | ng    | 98       |
| 72) Anthracene              | 11.392 | 178  | 40606    | 3.375  | ng    | 98       |
| 75) Fluoranthene            | 12.539 | 202  | 170614   | 13.630 | ng    | 98       |
| 78) Pyrene                  | 12.769 | 202  | 163292   | 8.227  | ng    | 97       |
| 81) Benzo(a)anthracene      | 13.963 | 228  | 73219    | 5.187  | ng    | 96       |
| 83) Chrysene                | 13.998 | 228  | 66459    | 4.785  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.016 | 252  | 55939m   | 5.045  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.045 | 252  | 21321m   | 2.040  | ng    |          |
| 90) Benzo(a)pyrene          | 15.386 | 252  | 42261    | 4.615  | ng    | 98       |
| 92) Benzo(g,h,i)perylene    | 17.398 | 276  | 19371    | 2.045  | ng    | 96       |
| -----                       |        |      |          |        |       |          |

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

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