

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050823\  
 Data File : BF133307.D  
 Acq On : 08 May 2023 21:49  
 Operator : CG\JU  
 Sample : 02655-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-1

Quant Time: May 09 05:09:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 09 04:59:36 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/09/2023  
 Supervised By : Jagrut Upadhyay 05/09/2023

05/09/2023  
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 Upadhyay

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.722  | 152  | 188245   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.004  | 136  | 729865   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.757  | 164  | 347457   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.239 | 188  | 507337   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.875 | 240  | 335660   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.292 | 264  | 402528   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.334  | 112  | 1081371  | 86.777 | ng    | 0.00     |
| 7) Phenol-d6                | 6.363  | 99   | 1251342  | 80.902 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.287  | 82   | 753248   | 55.706 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.545 | 330  | 222979   | 63.811 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.081  | 172  | 1299785  | 62.584 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.822 | 244  | 1015125  | 52.159 | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 52) Acenaphthene            | 9.787  | 154  | 264899   | 12.275 | ng    | 99       |
| 55) Dibenzofuran            | 9.957  | 168  | 232287   | 7.891  | ng    | 99       |
| 58) Fluorene                | 10.304 | 166  | 393617   | 18.250 | ng    | 98       |
| 71) Phenanthrene            | 11.269 | 178  | 2151182  | 78.891 | ng    | 99       |
| 72) Anthracene              | 11.316 | 178  | 919226   | 32.941 | ng    | 100      |
| 73) Carbazole               | 11.469 | 167  | 252681   | 10.169 | ng    | 99       |
| 75) Fluoranthene            | 12.457 | 202  | 2137842  | 78.119 | ng    | 97       |
| 78) Pyrene                  | 12.681 | 202  | 1713639  | 59.556 | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.869 | 228  | 1011029  | 43.801 | ng    | 99       |
| 83) Chrysene                | 13.904 | 228  | 809577   | 35.082 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.669 | 276  | 441258m  | 19.272 | ng    |          |
| 88) Benzo(b)fluoranthene    | 14.892 | 252  | 1173359m | 45.819 | ng    |          |
| 89) Benzo(k)fluoranthene    | 14.916 | 252  | 344876m  | 13.586 | ng    |          |
| 90) Benzo(a)pyrene          | 15.239 | 252  | 852699   | 36.583 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 16.674 | 278  | 120065m  | 6.287  | ng    |          |
| 92) Benzo(g,h,i)perylene    | 17.080 | 276  | 380869   | 20.201 | ng    | 97       |

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

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