

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111424\  
 Data File : BF140377.D  
 Acq On : 14 Nov 2024 21:54  
 Operator : RC/JU  
 Sample : P4722-08DL 2X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-2(0-6)DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024  
 Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 15 00:30:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 13 14:40:06 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 137496   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 500452   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 231647   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 343646   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 249695   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 178555   | 20.000 | ng    | -0.02    |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 411590   | 51.110 | ng    | 0.01     |
| 7) Phenol-d6                | 6.516  | 99   | 532252   | 48.783 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 342877   | 35.697 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 89556    | 38.877 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 584873   | 40.588 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 450848   | 31.341 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.175  | 128  | 56490    | 2.225  | ng    | 99       |
| 52) Acenaphthene            | 9.939  | 154  | 45039    | 3.433  | ng    | 97       |
| 55) Dibenzofuran            | 10.116 | 168  | 37557    | 2.022  | ng    | 96       |
| 58) Fluorene                | 10.457 | 166  | 39750    | 2.709  | ng    | 99       |
| 71) Phenanthrene            | 11.422 | 178  | 494923   | 30.659 | ng    | 99       |
| 72) Anthracene              | 11.475 | 178  | 126783   | 8.014  | ng    | 98       |
| 73) Carbazole               | 11.633 | 167  | 45373    | 2.904  | ng    | 98       |
| 75) Fluoranthene            | 12.616 | 202  | 739589   | 40.836 | ng    | 100      |
| 78) Pyrene                  | 12.845 | 202  | 694308   | 32.508 | ng    | 99       |
| 81) Benzo(a)anthracene      | 14.033 | 228  | 347397   | 21.169 | ng    | 98       |
| 83) Chrysene                | 14.068 | 228  | 296320   | 19.790 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 17.033 | 276  | 119520   | 10.836 | ng    | 95       |
| 88) Benzo(b)fluoranthene    | 15.104 | 252  | 309451m  | 26.494 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.121 | 252  | 80593m   | 8.446  | ng    |          |
| 90) Benzo(a)pyrene          | 15.474 | 252  | 196874   | 21.705 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 17.045 | 278  | 28476    | 3.123  | ng    | # 85     |
| 92) Benzo(g,h,i)perylene    | 17.492 | 276  | 120148   | 12.890 | ng    | 100      |
| -----                       |        |      |          |        |       |          |

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

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