

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102723\  
 Data File : BF135992.D  
 Acq On : 27 Oct 2023 19:06  
 Operator : CG\JU  
 Sample : 04767-02DL 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E-1(0-5)DL

Quant Time: Oct 27 22:34:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 26 03:58:01 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2023  
 Supervised By :mohammad ahmed 10/28/2023

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 183947   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 725998   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.863  | 164  | 350283   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 537940   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.009 | 240  | 362135   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.498 | 264  | 338022   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.445  | 112  | 564038   | 47.349 | ng    | 0.00     |
| 7) Phenol-d6                | 6.451  | 99   | 690804   | 46.580 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.381  | 82   | 387475   | 40.285 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.651 | 330  | 143008   | 46.643 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.180  | 172  | 749607   | 34.267 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.951 | 244  | 544449   | 25.119 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 31) Naphthalene             | 8.128  | 128  | 159080   | 4.532  | ng    | 98       |
| 38) 1-Methylnaphthalene     | 8.916  | 142  | 83309    | 3.839  | ng    | 100      |
| 49) Acenaphthylene          | 9.722  | 152  | 186700   | 6.028  | ng    | 98       |
| 52) Acenaphthene            | 9.892  | 154  | 74252    | 3.741  | ng    | 98       |
| 55) Dibenzofuran            | 10.069 | 168  | 161805   | 5.643  | ng    | 97       |
| 58) Fluorene                | 10.410 | 166  | 79376    | 3.700  | ng    | 99       |
| 71) Phenanthrene            | 11.380 | 178  | 1237706  | 45.477 | ng    | 100      |
| 72) Anthracene              | 11.427 | 178  | 481754   | 17.288 | ng    | 98       |
| 73) Carbazole               | 11.580 | 167  | 58911    | 2.370  | ng    | 98       |
| 75) Fluoranthene            | 12.574 | 202  | 1230850  | 42.988 | ng    | 97       |
| 78) Pyrene                  | 12.804 | 202  | 1211385  | 39.840 | ng    | 100      |
| 81) Benzo(a)anthracene      | 14.004 | 228  | 656356   | 26.656 | ng    | 95       |
| 83) Chrysene                | 14.039 | 228  | 564781   | 23.550 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 17.003 | 276  | 155770   | 8.127  | ng    | 96       |
| 88) Benzo(b)fluoranthene    | 15.062 | 252  | 599058m  | 29.779 | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.086 | 252  | 200509m  | 10.149 | ng    |          |
| 90) Benzo(a)pyrene          | 15.433 | 252  | 435427   | 23.486 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene  | 17.021 | 278  | 44229    | 2.698  | ng    | 92       |
| 92) Benzo(g,h,i)perylene    | 17.456 | 276  | 141504   | 10.755 | ng    | 99       |
| -----                       |        |      |          |        |       |          |

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

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