

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091924\  
 Data File : BN034049.D  
 Acq On : 19 Sep 2024 13:22  
 Operator : JU/RC  
 Sample : P3845-21DL 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RR-PAH-WPDL

Quant Time: Sep 19 13:47:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 18 16:09:28 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.430  | 152  | 5064     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.191 | 136  | 22842    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.083 | 164  | 14470    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.833 | 188  | 42455    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.062 | 240  | 35048    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.192 | 264  | 35046    | 0.400 | ng    | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.069  | 112  | 753      | 0.052 | ng    | 0.00     |
| 5) Phenol-d6                | 6.622  | 99   | 885      | 0.053 | ng    | -0.01    |
| 8) Nitrobenzene-d5          | 8.568  | 82   | 548      | 0.031 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 11.788 | 152  | 1463     | 0.043 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.579 | 330  | 292      | 0.045 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.693 | 172  | 2468     | 0.042 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 18.880 | 212  | 4415     | 0.041 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.503 | 244  | 3684     | 0.053 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 9) Naphthalene              | 10.233 | 128  | 46960    | 0.749 | ng    | 99       |
| 12) 2-Methylnaphthalene     | 11.863 | 142  | 11297    | 0.277 | ng    | 99       |
| 16) Acenaphthylene          | 13.794 | 152  | 82463    | 1.331 | ng    | 100      |
| 17) Acenaphthene            | 14.137 | 154  | 33545    | 0.755 | ng    | 99       |
| 18) Fluorene                | 15.142 | 166  | 39098    | 0.671 | ng    | 99       |
| 25) Phenanthrene            | 16.870 | 178  | 45452    | 0.373 | ng    | 100      |
| 26) Anthracene              | 16.970 | 178  | 33675    | 0.338 | ng    | 99       |
| 28) Fluoranthene            | 18.913 | 202  | 53784    | 0.381 | ng    | 97       |
| 30) Pyrene                  | 19.280 | 202  | 34067    | 0.230 | ng    | 100      |
| 32) Benzo(a)anthracene      | 21.044 | 228  | 6977     | 0.063 | ng    | 98       |
| 33) Chrysene                | 21.098 | 228  | 11132    | 0.084 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene  | 25.282 | 276  | 51133    | 0.340 | ng    | 100      |
| 37) Benzo(b)fluoranthene    | 22.563 | 252  | 43235    | 0.315 | ng    | 98       |
| 38) Benzo(k)fluoranthene    | 22.604 | 252  | 27216    | 0.189 | ng    | # 91     |
| 39) Benzo(a)pyrene          | 23.098 | 252  | 19732    | 0.176 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene  | 25.300 | 278  | 38158    | 0.327 | ng    | 98       |
| 41) Benzo(g,h,i)perylene    | 25.920 | 276  | 13249    | 0.101 | ng    | 98       |
| -----                       |        |      |          |       |       |          |

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

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