

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061022\  
 Data File : BN020090.D  
 Acq On : 09 Jun 2022 20:55  
 Operator : CG/JU  
 Sample : PB145380BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS380

Quant Time: Jun 10 02:43:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN053122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 10 02:40:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.830  | 152  | 4445     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.612 | 136  | 14636    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.451 | 164  | 8938     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.187 | 188  | 18619    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.376 | 240  | 14687    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.703 | 264  | 10692    | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.290  | 96   | 3549     | 0.701 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.201 | 152  | 8938     | 0.383 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.220 | 212  | 19001    | 0.428 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.323  | 88   | 9064     | 1.702 | ng/ul#  | 70       |
| 5) Naphthalene              | 10.661 | 128  | 15588    | 0.338 | ng/ul   | 100      |
| 7) 2-Methylnaphthalene      | 12.278 | 142  | 10292    | 0.348 | ng/ul#  | 100      |
| 8) 1-Methylnaphthalene      | 12.498 | 142  | 10710    | 0.388 | ng/ul#  | 100      |
| 10) Acenaphthylene          | 14.169 | 152  | 15010    | 0.339 | ng/ul   | 99       |
| 11) Acenaphthene            | 14.511 | 153  | 11533    | 0.338 | ng/ul   | 99       |
| 12) Fluorene                | 15.496 | 166  | 13152    | 0.336 | ng/ul   | 99       |
| 14) Pentachlorophenol       | 16.850 | 266  | 1578     | 0.403 | ng/ul   | 89       |
| 15) Phenanthrene            | 17.230 | 178  | 21976    | 0.333 | ng/ul   | 99       |
| 16) Anthracene              | 17.323 | 178  | 19407    | 0.340 | ng/ul   | 99       |
| 19) Fluoranthene            | 19.253 | 202  | 24644    | 0.393 | ng/ul   | 98       |
| 20) Pyrene                  | 19.611 | 202  | 24978    | 0.395 | ng/ul   | 99       |
| 21) Benzo(a)anthracene      | 21.362 | 228  | 19813    | 0.368 | ng/ul   | 99       |
| 22) Chrysene                | 21.414 | 228  | 21381    | 0.352 | ng/ul   | 100      |
| 24) Benzo(b)fluoranthene    | 23.001 | 252  | 18419    | 0.375 | ng/ul   | 96       |
| 25) Benzo(k)fluoranthene    | 23.045 | 252  | 17575    | 0.365 | ng/ul   | 99       |
| 26) Benzo(a)pyrene          | 23.603 | 252  | 16513    | 0.368 | ng/ul#  | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.097 | 276  | 17215    | 0.336 | ng/ul#  | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.111 | 278  | 14069    | 0.337 | ng/ul#  | 81       |
| 29) Benzo(g,h,i)perylene    | 26.825 | 276  | 14657    | 0.338 | ng/ul   | 97       |
| -----                       |        |      |          |       |         |          |

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

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