

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121621\  
 Data File : BN018085.D  
 Acq On : 17 Dec 2021 05:32  
 Operator : CG/JU  
 Sample : PB141345BS  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS345

Quant Time: Dec 17 06:42:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN121621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 15 17:47:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.662  | 152  | 4597     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.465 | 136  | 13814    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.314 | 164  | 8600     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.067 | 188  | 16764    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.264 | 240  | 17123    | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.538 | 264  | 14099    | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.139  | 96   | 3236     | 0.678 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.066 | 152  | 5641     | 0.350 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.102 | 212  | 18270    | 0.374 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.173  | 88   | 8979     | 1.602 | ng/ul#  | 44       |
| 5) Naphthalene              | 10.509 | 128  | 12500    | 0.330 | ng/ul   | 98       |
| 7) 2-Methylnaphthalene      | 12.143 | 142  | 7017     | 0.330 | ng/ul   | 99       |
| 8) 1-Methylnaphthalene      | 12.352 | 142  | 7697     | 0.312 | ng/ul   | 99       |
| 10) Acenaphthylene          | 14.032 | 152  | 11199    | 0.321 | ng/ul   | 99       |
| 11) Acenaphthene            | 14.374 | 153  | 10057    | 0.325 | ng/ul   | 97       |
| 12) Fluorene                | 15.374 | 166  | 10939    | 0.320 | ng/ul   | 100      |
| 14) Pentachlorophenol       | 16.738 | 266  | 1355     | 0.462 | ng/ul   | 98       |
| 15) Phenanthrene            | 17.109 | 178  | 18784    | 0.323 | ng/ul   | 99       |
| 16) Anthracene              | 17.206 | 178  | 14937    | 0.327 | ng/ul   | 99       |
| 19) Fluoranthene            | 19.129 | 202  | 24601    | 0.357 | ng/ul   | 98       |
| 20) Pyrene                  | 19.492 | 202  | 27223    | 0.352 | ng/ul   | 94       |
| 21) Benzo(a)anthracene      | 21.253 | 228  | 17117    | 0.336 | ng/ul   | 99       |
| 22) Chrysene                | 21.302 | 228  | 26134    | 0.357 | ng/ul   | 98       |
| 24) Benzo(b)fluoranthene    | 22.854 | 252  | 20841    | 0.370 | ng/ul   | 85       |
| 25) Benzo(k)fluoranthene    | 22.898 | 252  | 26560    | 0.353 | ng/ul#  | 83       |
| 26) Benzo(a)pyrene          | 23.442 | 252  | 19374    | 0.356 | ng/ul#  | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.878 | 276  | 21057    | 0.344 | ng/ul#  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.908 | 278  | 15475    | 0.345 | ng/ul#  | 84       |
| 29) Benzo(g,h,i)perylene    | 26.582 | 276  | 18574    | 0.354 | ng/ul#  | 88       |
| -----                       |        |      |          |       |         |          |

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

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