

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062922\  
 Data File : BN020580.D  
 Acq On : 29 Jun 2022 21:34  
 Operator : CG/JU  
 Sample : PB145663BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS663

Quant Time: Jun 29 22:02:18 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 00:17:34 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.741  | 152  | 2882     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.522 | 136  | 9487     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.371 | 164  | 5518     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.110 | 188  | 11407    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.301 | 240  | 8929     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.581 | 264  | 6436     | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.193  | 96   | 2516     | 0.754 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.117 | 152  | 5624     | 0.361 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.145 | 212  | 12271    | 0.417 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.227  | 88   | 6518     | 1.912 | ng/ul# | 80       |
| 5) Naphthalene              | 10.572 | 128  | 10372    | 0.354 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.194 | 142  | 6499     | 0.331 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.409 | 142  | 6903     | 0.371 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.089 | 152  | 9269     | 0.354 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.431 | 153  | 7500     | 0.358 | ng/ul  | 99       |
| 12) Fluorene                | 15.421 | 166  | 8473     | 0.341 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 16.781 | 266  | 957      | 0.416 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.152 | 178  | 14265    | 0.360 | ng/ul  | 99       |
| 16) Anthracene              | 17.245 | 178  | 11771    | 0.344 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.173 | 202  | 15729    | 0.386 | ng/ul  | 99       |
| 20) Pyrene                  | 19.535 | 202  | 16051    | 0.379 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.286 | 228  | 11054    | 0.345 | ng/ul  | 99       |
| 22) Chrysene                | 21.339 | 228  | 13932    | 0.390 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.891 | 252  | 11722    | 0.394 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.937 | 252  | 11775    | 0.392 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.481 | 252  | 10419    | 0.385 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.917 | 276  | 10626    | 0.394 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.930 | 278  | 8528     | 0.392 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.624 | 276  | 9609     | 0.416 | ng/ul  | 99       |

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

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