

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080422\  
 Data File : BN021010.D  
 Acq On : 05 Aug 2022 04:09  
 Operator : CG/JU  
 Sample : PB146642BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS642

Quant Time: Aug 05 04:54:26 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 03 16:31:11 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.810  | 152  | 2667     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.602 | 136  | 8449     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.457 | 164  | 4753     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.210 | 188  | 9195     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.412 | 240  | 7469     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.754 | 264  | 6120     | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.211  | 96   | 2321     | 0.680 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.202 | 152  | 4594     | 0.371 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.245 | 212  | 9142     | 0.396 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.240  | 88   | 6532     | 1.858 | ng/ul# | 82       |
| 5) Naphthalene              | 10.651 | 128  | 8773     | 0.338 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.279 | 142  | 5319     | 0.338 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.494 | 142  | 5809     | 0.369 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.174 | 152  | 7443     | 0.335 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.517 | 153  | 6147     | 0.334 | ng/ul  | 99       |
| 12) Fluorene                | 15.511 | 166  | 6697     | 0.333 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.876 | 266  | 904      | 0.638 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.248 | 178  | 10831    | 0.329 | ng/ul  | 100      |
| 16) Anthracene              | 17.345 | 178  | 8753     | 0.344 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.277 | 202  | 11685    | 0.353 | ng/ul  | 99       |
| 20) Pyrene                  | 19.640 | 202  | 11965    | 0.351 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.398 | 228  | 8609     | 0.353 | ng/ul  | 100      |
| 22) Chrysene                | 21.448 | 228  | 11216    | 0.349 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.043 | 252  | 9820     | 0.347 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 23.090 | 252  | 10428    | 0.349 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.654 | 252  | 8994     | 0.348 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.176 | 276  | 9718     | 0.315 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.196 | 278  | 7758     | 0.318 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.910 | 276  | 8688     | 0.316 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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