

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112622\  
 Data File : BN022892.D  
 Acq On : 26 Nov 2022 21:45  
 Operator : CG/JU  
 Sample : PB149031BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS031

Quant Time: Nov 28 03:49:46 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN112622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 28 03:16:56 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.070  | 152  | 6837     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.892 | 136  | 19002    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.711 | 164  | 10693    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.454 | 188  | 23422    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.637 | 240  | 16323    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 24.128 | 264  | 11264    | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.412  | 96   | 4851     | 0.591 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.476 | 152  | 9973     | 0.344 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.477 | 212  | 20805    | 0.345 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.446  | 88   | 12625    | 1.475 | ng/u1  | 92       |
| 5) Naphthalene              | 10.942 | 128  | 18570    | 0.322 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.547 | 142  | 11690    | 0.324 | ng/u1  | 100      |
| 8) 1-Methylnaphthalene      | 12.762 | 142  | 12498    | 0.341 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.429 | 152  | 16216    | 0.308 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.771 | 153  | 13126    | 0.314 | ng/u1  | 98       |
| 12) Fluorene                | 15.756 | 166  | 14906    | 0.315 | ng/u1  | 100      |
| 14) Pentachlorophenol       | 17.095 | 266  | 2400     | 0.490 | ng/u1# | 100      |
| 15) Phenanthrene            | 17.497 | 178  | 25423    | 0.316 | ng/u1  | 100      |
| 16) Anthracene              | 17.585 | 178  | 21477    | 0.311 | ng/u1  | 99       |
| 19) Fluoranthene            | 19.509 | 202  | 27079    | 0.321 | ng/u1  | 99       |
| 20) Pyrene                  | 19.867 | 202  | 26775    | 0.324 | ng/u1  | 97       |
| 21) Benzo(a)anthracene      | 21.620 | 228  | 20771    | 0.333 | ng/u1  | 99       |
| 22) Chrysene                | 21.675 | 228  | 23111    | 0.338 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 23.365 | 252  | 18652    | 0.327 | ng/u1  | 99       |
| 25) Benzo(k)fluoranthene    | 23.411 | 252  | 20684    | 0.343 | ng/u1  | 99       |
| 26) Benzo(a)pyrene          | 24.014 | 252  | 14120    | 0.325 | ng/u1  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.739 | 276  | 16051    | 0.311 | ng/u1# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.766 | 278  | 12824    | 0.312 | ng/u1  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.544 | 276  | 13910    | 0.309 | ng/u1  | 99       |
| -----                       |        |      |          |       |        |          |

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

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