

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121322\  
 Data File : BN023159.D  
 Acq On : 13 Dec 2022 11:35  
 Operator : CG/JU  
 Sample : PB149494BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS494

Quant Time: Dec 13 23:58:24 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 : Tue Dec 13 23:52:47 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.019  | 152  | 6301     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.837 | 136  | 19737    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.664 | 164  | 11604    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.407 | 188  | 27001    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.589 | 240  | 25336    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.045 | 264  | 22158    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.357  | 96   | 3726     | 0.493 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.421 | 152  | 8678     | 0.289 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.429 | 212  | 23628    | 0.252 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.395  | 88   | 9804     | 1.243 | ng/ul# | 74       |
| 5) Naphthalene              | 10.887 | 128  | 19451    | 0.325 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.492 | 142  | 10313    | 0.275 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.712 | 142  | 11144    | 0.293 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.381 | 152  | 14172    | 0.248 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.724 | 153  | 12147    | 0.268 | ng/ul  | 98       |
| 12) Fluorene                | 15.709 | 166  | 15181    | 0.296 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.056 | 266  | 4680     | 0.829 | ng/ul# | 100      |
| 15) Phenanthrene            | 17.449 | 178  | 27449    | 0.296 | ng/ul  | 99       |
| 16) Anthracene              | 17.538 | 178  | 22498    | 0.283 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.462 | 202  | 32470    | 0.248 | ng/ul  | 98       |
| 20) Pyrene                  | 19.824 | 202  | 33691    | 0.263 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.572 | 228  | 32345    | 0.334 | ng/ul  | 99       |
| 22) Chrysene                | 21.627 | 228  | 33491    | 0.315 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 23.294 | 252  | 33703    | 0.300 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.343 | 252  | 32790    | 0.276 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.934 | 252  | 28872    | 0.338 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.610 | 276  | 37454    | 0.369 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.634 | 278  | 29733    | 0.368 | ng/ul  | 100      |
| 29) Benzo(g,h,i)perylene    | 27.402 | 276  | 31714    | 0.358 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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