

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091624\  
 Data File : BN033994.D  
 Acq On : 16 Sep 2024 18:50  
 Operator : JU/RC  
 Sample : PB163352BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS352

Quant Time: Sep 17 00:41:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Sep 15 01:52:43 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.477  | 152  | 5888     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.233 | 136  | 15974    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.119 | 164  | 9396     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.877 | 188  | 14795    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.095 | 240  | 11345    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.237 | 264  | 12446    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.097  | 96   | 5395     | 0.891 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.834 | 152  | 9523     | 0.416 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.920 | 212  | 15937    | 0.471 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.131  | 88   | 14609    | 2.175 | ng/ul# | 78       |
| 5) Naphthalene              | 10.283 | 128  | 16582    | 0.388 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.911 | 142  | 10213    | 0.377 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.131 | 142  | 12064    | 0.433 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.837 | 152  | 12711    | 0.298 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.184 | 153  | 12679    | 0.412 | ng/ul  | 99       |
| 12) Fluorene                | 15.178 | 166  | 10824    | 0.314 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.535 | 266  | 2367     | 0.508 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.919 | 178  | 16251    | 0.372 | ng/ul  | 100      |
| 16) Anthracene              | 17.012 | 178  | 14226    | 0.363 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.948 | 202  | 17770    | 0.397 | ng/ul  | 99       |
| 20) Pyrene                  | 19.315 | 202  | 18659    | 0.393 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.080 | 228  | 16020    | 0.359 | ng/ul  | 99       |
| 22) Chrysene                | 21.130 | 228  | 17937    | 0.398 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.602 | 252  | 17277    | 0.358 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 22.643 | 252  | 19176    | 0.397 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.143 | 252  | 16289    | 0.420 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.351 | 276  | 27361    | 0.469 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.368 | 278  | 21032    | 0.465 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 25.992 | 276  | 18107    | 0.398 | ng/ul  | 98       |

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

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