

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
 Data File : BN035973.D  
 Acq On : 18 Jan 2025 04:14  
 Operator : RC/JU  
 Sample : PB166107BS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS107

Quant Time: Jan 18 05:29:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN123124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 14 10:40:45 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.820  | 152  | 2572     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.616 | 136  | 5155     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.455 | 164  | 2613     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.195 | 188  | 5199     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.372 | 240  | 4328     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.666 | 264  | 4460     | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.285  | 96   | 1716     | 0.662 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.206 | 152  | 2435     | 0.363 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.220 | 212  | 4475     | 0.391 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.318  | 88   | 2427     | 0.859 | ng/ul# | 85       |
| 5) Naphthalene              | 10.666 | 128  | 2526     | 0.184 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.277 | 142  | 1548     | 0.178 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.497 | 142  | 1540     | 0.175 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.172 | 152  | 2117     | 0.173 | ng/ul  | 95       |
| 11) Acenaphthene            | 14.519 | 153  | 1578     | 0.185 | ng/ul  | 98       |
| 12) Fluorene                | 15.505 | 166  | 1672     | 0.183 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.845 | 266  | 659      | 0.529 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.238 | 178  | 2654     | 0.185 | ng/ul  | 96       |
| 16) Anthracene              | 17.326 | 178  | 2416     | 0.175 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.248 | 202  | 2953     | 0.196 | ng/ul  | 97       |
| 20) Pyrene                  | 19.610 | 202  | 3052     | 0.194 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.354 | 228  | 2738     | 0.185 | ng/ul  | 99       |
| 22) Chrysene                | 21.407 | 228  | 2790     | 0.190 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.973 | 252  | 2676     | 0.199 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.020 | 252  | 2759     | 0.200 | ng/ul# | 88       |
| 26) Benzo(a)pyrene          | 23.567 | 252  | 2379     | 0.189 | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.008 | 276  | 3083     | 0.189 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.025 | 278  | 2402     | 0.187 | ng/ul# | 89       |
| 29) Benzo(g,h,i)perylene    | 26.726 | 276  | 2462     | 0.190 | ng/ul  | 93       |
| -----                       |        |      |          |       |        |          |

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

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Quant Time: Jan 18 05:29:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN123124.M  
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