

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102721\  
 Data File : BN017139.D  
 Acq On : 27 Oct 2021 23:11  
 Operator : CG/JU  
 Sample : PB140250BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS250

Quant Time: Oct 28 04:06:42 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 28 01:21:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.531  | 152  | 5310     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.304 | 136  | 20436    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.183 | 164  | 12721    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.939 | 188  | 28143    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.149 | 240  | 27335    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.353 | 264  | 27263    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.059  | 96   | 4169     | 0.706 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.905 | 152  | 10766    | 0.361 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.979 | 212  | 26637    | 0.372 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.092  | 88   | 10634    | 1.677 | ng/ul# | 81       |
| 5) Naphthalene              | 10.348 | 128  | 20020    | 0.354 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.982 | 142  | 13201    | 0.337 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.202 | 142  | 13227    | 0.330 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.901 | 152  | 16404    | 0.326 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.243 | 153  | 15022    | 0.340 | ng/ul  | 99       |
| 12) Fluorene                | 15.238 | 166  | 17121    | 0.332 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.593 | 266  | 3126     | 0.493 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.977 | 178  | 30125    | 0.337 | ng/ul  | 99       |
| 16) Anthracene              | 17.070 | 178  | 23982    | 0.324 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.007 | 202  | 34324    | 0.351 | ng/ul  | 100      |
| 20) Pyrene                  | 19.374 | 202  | 34998    | 0.349 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.135 | 228  | 29585    | 0.331 | ng/ul  | 100      |
| 22) Chrysene                | 21.184 | 228  | 37499    | 0.369 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.692 | 252  | 37070    | 0.365 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.736 | 252  | 42414    | 0.368 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.256 | 252  | 31588    | 0.346 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.571 | 276  | 47122    | 0.364 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.588 | 278  | 37145    | 0.363 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.242 | 276  | 39980    | 0.365 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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