

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM051421\  
 Data File : BM030026.D  
 Acq On : 14 May 2021 19:53  
 Operator : CG/JU  
 Sample : PB136113BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS113

Quant Time: May 14 23:14:41 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 17:21:45 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 1551     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.34 | 136  | 8471     | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.19 | 164  | 5291     | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.95 | 188  | 9783     | 0.40   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.14 | 240  | 9196     | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.29 | 264  | 8455     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.07  | 96   | 1718     | 0.71   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.95 | 152  | 3905     | 0.32   | ng/ul  | 0.02     |
| 18) Fluoranthene-d10        | 18.98 | 212  | 10245    | 0.36   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 2) 1,4-Dioxane              | 3.10  | 88   | 4249     | 1.865  | ng/ul# | 74       |
| 5) Naphthalene              | 10.39 | 128  | 7446     | 0.322  | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.02 | 142  | 4604     | 0.298  | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.23 | 142  | 4739     | 0.313  | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.92 | 152  | 6298     | 0.287  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.26 | 153  | 6186     | 0.320  | ng/ul  | 99       |
| 12) Fluorene                | 15.26 | 166  | 6404     | 0.311  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.63 | 266  | 1233     | 0.566  | ng/ul  | 98       |
| 15) Phenanthrene            | 16.99 | 178  | 9954     | 0.334  | ng/ul  | 100      |
| 16) Anthracene              | 17.10 | 178  | 7865     | 0.314  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.01 | 202  | 13063    | 0.351  | ng/ul  | 99       |
| 20) Pyrene                  | 19.37 | 202  | 14140    | 0.361  | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.13 | 228  | 9686     | 0.348  | ng/ul  | 99       |
| 22) Chrysene                | 21.17 | 228  | 13512    | 0.372  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.65 | 252  | 11498    | 0.373  | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 22.69 | 252  | 13964    | 0.375  | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.20 | 252  | 10723    | 0.365  | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 25.45 | 276  | 12761    | 0.329  | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 25.46 | 278  | 10038    | 0.321  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.10 | 276  | 11703    | 0.341  | ng/ul  | 98       |

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

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