

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010121\  
 Data File : BM028315.D  
 Acq On : 31 Dec 2020 21:03  
 Operator : JU/CG  
 Sample : PB133672BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB133672BS

Quant Time: Jan 01 00:00:57 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-SIM-BM010121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 31 16:18:03 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.135  | 152  | 725      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.959 | 136  | 2880     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.763 | 164  | 1489     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.480 | 188  | 2940     | 0.40 | ng    | # 0.00   |
| 27) Chrysene-d12              | 21.600 | 240  | 2785     | 0.40 | ng    | #-0.01   |
| 34) Perylene-d12              | 23.934 | 264  | 2603     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.638  | 112  | 867      | 0.35 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.273  | 99   | 1165     | 0.35 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.299  | 82   | 915      | 0.35 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.531 | 152  | 1744     | 0.35 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.237 | 330  | 259      | 0.33 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.390 | 172  | 2274     | 0.37 | ng    | 0.00     |
| 25) Fluoranthene-d10          | 19.486 | 212  | 3024     | 0.33 | ng    | 0.00     |
| 29) Terphenyl-d14             | 20.061 | 244  | 2587     | 0.38 | ng    | -0.01    |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.407  | 88   | 359      | 0.35 | ng    | 87       |
| 3) n-Nitrosodimethylamine     | 3.762  | 42   | 545      | 0.36 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.547  | 93   | 851      | 0.36 | ng    | 95       |
| 9) Naphthalene                | 11.010 | 128  | 2941     | 0.35 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.289 | 225  | 585      | 0.36 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.606 | 142  | 1969     | 0.35 | ng    | 96       |
| 16) Acenaphthylene            | 14.481 | 152  | 2300     | 0.35 | ng    | 98       |
| 17) Acenaphthene              | 14.824 | 154  | 1686     | 0.35 | ng    | 95       |
| 18) Fluorene                  | 15.804 | 166  | 2114     | 0.35 | ng    | 100      |
| 20) Hexachlorobenzene         | 16.800 | 284  | 714      | 0.36 | ng    | 94       |
| 21) Atrazine                  | 19.516 | 200  | 654      | 0.33 | ng    | # 36     |
| 22) Pentachlorophenol         | 17.140 | 266  | 265      | 0.32 | ng    | 98       |
| 23) Phenanthrene              | 17.523 | 178  | 3197     | 0.35 | ng    | 100      |
| 24) Anthracene                | 17.619 | 178  | 2696     | 0.34 | ng    | 99       |
| 26) Fluoranthene              | 19.516 | 202  | 3352     | 0.33 | ng    | # 96     |
| 28) Pyrene                    | 19.873 | 202  | 3360     | 0.35 | ng    | 99       |
| 30) Benzo(a)anthracene        | 21.590 | 228  | 3156     | 0.34 | ng    | 98       |
| 31) Chrysene                  | 21.643 | 228  | 3419     | 0.36 | ng    | 98       |
| 32) Bis(2-ethylhexyl)phtha... | 21.494 | 149  | 1483     | 0.34 | ng    | 95       |
| 33) Indeno(1,2,3-cd)pyrene    | 26.310 | 276  | 3716     | 0.36 | ng    | # 91     |
| 35) Benzo(b)fluoranthene      | 23.229 | 252  | 3639     | 0.38 | ng    | # 90     |
| 36) Benzo(k)fluoranthene      | 23.274 | 252  | 3282     | 0.36 | ng    | # 89     |
| 37) Benzo(a)pyrene            | 23.831 | 252  | 3091     | 0.37 | ng    | # 87     |
| 38) Dibenzo(a,h)anthracene    | 26.323 | 278  | 3237     | 0.37 | ng    | # 88     |
| 39) Benzo(g,h,i)perylene      | 27.042 | 276  | 3237     | 0.37 | ng    | # 86     |
| -----                         |        |      |          |      |       |          |

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

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