

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120621\  
 Data File : BN017733.D  
 Acq On : 06 Dec 2021 16:17  
 Operator : CG/JU  
 Sample : PB141179BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB141179BL

Quant Time: Dec 06 16:56:55 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN120621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 06 15:58:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.761  | 152  | 18370    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.545 | 136  | 72937    | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10          | 14.373 | 164  | 44469    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.117 | 188  | 86808    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.314 | 240  | 57663    | 0.400 | ng    | # 0.01   |
| 35) Perylene-d12              | 23.620 | 264  | 40032    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.391  | 112  | 12483    | 0.317 | ng    | 0.04     |
| 5) Phenol-d6                  | 6.950  | 99   | 11033    | 0.261 | ng    | 0.02     |
| 8) Nitrobenzene-d5            | 8.897  | 82   | 13639    | 0.277 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.134 | 152  | 36596    | 0.274 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.883 | 330  | 1902     | 0.207 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 13.003 | 172  | 46541    | 0.283 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.154 | 212  | 78628    | 0.269 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.760 | 244  | 59977    | 0.405 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 6) bis(2-Chloroethyl)ether    | 7.189  | 93   | 80       | 0.002 | ng    | 91       |
| 9) Naphthalene                | 10.596 | 128  | 294      | 0.002 | ng    | # 34     |
| 10) Hexachlorobutadiene       | 10.874 | 225  | 22       | 0.000 | ng    | # 95     |
| 12) 2-Methylnaphthalene       | 12.205 | 142  | 115      | 0.001 | ng    | # 73     |
| 16) Acenaphthylene            | 14.094 | 152  | 106      | 0.001 | ng    | # 79     |
| 17) Acenaphthene              | 14.436 | 154  | 69       | 0.001 | ng    | 88       |
| 18) Fluorene                  | 15.439 | 166  | 73       | 0.000 | ng    | # 97     |
| 21) 4-Bromophenyl-phenylether | 16.326 | 248  | 16       | 0.000 | ng    | # 74     |
| 22) Hexachlorobenzene         | 16.435 | 284  | 29       | 0.000 | ng    | # 13     |
| 25) Phenanthrene              | 17.166 | 178  | 197      | 0.001 | ng    | # 77     |
| 26) Anthracene                | 17.263 | 178  | 59       | 0.000 | ng    | # 80     |
| 28) Fluoranthene              | 19.184 | 202  | 224      | 0.001 | ng    | # 65     |
| 30) Pyrene                    | 19.546 | 202  | 140      | 0.001 | ng    | # 73     |
| 32) Benzo(a)anthracene        | 21.314 | 228  | 285      | 0.002 | ng    | # 28     |
| 33) Chrysene                  | 21.314 | 228  | 211      | 0.001 | ng    | # 33     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.006 | 276  | 41       | 0.000 | ng    | # 50     |
| 37) Benzo(b)fluoranthene      | 22.942 | 252  | 947      | 0.007 | ng    | # 1      |
| 38) Benzo(k)fluoranthene      | 22.942 | 252  | 714      | 0.006 | ng    | # 1      |
| 39) Benzo(a)pyrene            | 23.541 | 252  | 1029     | 0.009 | ng    | # 1      |
| 40) Dibenzo(a,h)anthracene    | 26.026 | 278  | 5        | 0.000 | ng    | # 1      |
| 41) Benzo(g,h,i)perylene      | 26.738 | 276  | 101      | 0.001 | ng    | # 1      |
| -----                         |        |      |          |       |       |          |

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

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