

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062422\  
 Data File : BN020384.D  
 Acq On : 23 Jun 2022 22:48  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SICV215

Quant Time: Jun 24 00:21:16 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 00:17:34 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.754  | 152  | 2932     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.535 | 136  | 9225     | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.381 | 164  | 6162     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.120 | 188  | 14611    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.312 | 240  | 13786    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.595 | 264  | 11504    | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.205  | 96   | 1362     | 0.401 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.129 | 152  | 6092     | 0.402 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.151 | 212  | 16694    | 0.367 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.239  | 88   | 1390     | 0.401 | ng/u1  | 96       |
| 5) Naphthalene              | 10.584 | 128  | 10229    | 0.359 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.201 | 142  | 6794     | 0.356 | ng/u1  | 99       |
| 8) 1-Methylnaphthalene      | 12.421 | 142  | 7274     | 0.403 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.099 | 152  | 10274    | 0.352 | ng/u1  | 100      |
| 11) Acenaphthene            | 14.442 | 153  | 8319     | 0.356 | ng/u1  | 99       |
| 12) Fluorene                | 15.427 | 166  | 9940     | 0.359 | ng/u1  | 100      |
| 14) Pentachlorophenol       | 16.786 | 266  | 1024     | 0.348 | ng/u1  | 98       |
| 15) Phenanthrene            | 17.162 | 178  | 17949    | 0.353 | ng/u1  | 100      |
| 16) Anthracene              | 17.255 | 178  | 15420    | 0.352 | ng/u1  | 100      |
| 19) Fluoranthene            | 19.183 | 202  | 20494    | 0.326 | ng/u1  | 99       |
| 20) Pyrene                  | 19.541 | 202  | 21342    | 0.327 | ng/u1  | 98       |
| 21) Benzo(a)anthracene      | 21.294 | 228  | 17186    | 0.347 | ng/u1  | 99       |
| 22) Chrysene                | 21.347 | 228  | 19796    | 0.359 | ng/u1  | 100      |
| 24) Benzo(b)fluoranthene    | 22.905 | 252  | 18640    | 0.350 | ng/u1  | 99       |
| 25) Benzo(k)fluoranthene    | 22.949 | 252  | 18739    | 0.349 | ng/u1  | 99       |
| 26) Benzo(a)pyrene          | 23.495 | 252  | 17332    | 0.358 | ng/u1  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.933 | 276  | 17630    | 0.366 | ng/u1  | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.946 | 278  | 14214    | 0.366 | ng/u1  | 99       |
| 29) Benzo(g,h,i)perylene    | 26.647 | 276  | 14995    | 0.363 | ng/u1  | 98       |

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

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