

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122721\  
 Data File : BN018211.D  
 Acq On : 27 Dec 2021 19:51  
 Operator : CG/JU  
 Sample : SSTD1.612  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD1.6212

Quant Time: Dec 28 00:19:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 28 00:18:00 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.607  | 152  | 5263     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.387 | 136  | 18649    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.248 | 164  | 13672    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.990 | 188  | 31131    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.184 | 240  | 34237    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.405 | 264  | 33449    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.067  | 96   | 6560     | 1.206 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.982 | 152  | 45764    | 1.783 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.021 | 212  | 145676   | 1.569 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.105  | 88   | 7433     | 1.130 | ng/ul# | 80       |
| 5) Naphthalene              | 10.431 | 128  | 79494    | 1.500 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.059 | 142  | 58582    | 1.719 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.279 | 142  | 58460    | 1.650 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.966 | 152  | 88327    | 1.633 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.308 | 153  | 69588    | 1.461 | ng/ul  | 99       |
| 12) Fluorene                | 15.298 | 166  | 85656    | 1.552 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.652 | 266  | 18030    | 3.082 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.032 | 178  | 148176   | 1.458 | ng/ul  | 100      |
| 16) Anthracene              | 17.121 | 178  | 137794   | 1.675 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.054 | 202  | 196123   | 1.493 | ng/ul  | 99       |
| 20) Pyrene                  | 19.416 | 202  | 200391   | 1.456 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.167 | 228  | 193716   | 1.702 | ng/ul  | 99       |
| 22) Chrysene                | 21.219 | 228  | 201591   | 1.445 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.736 | 252  | 207704   | 1.622 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 22.780 | 252  | 223531   | 1.401 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.306 | 252  | 190314   | 1.570 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.662 | 276  | 250595   | 1.568 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.675 | 278  | 195776   | 1.618 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.346 | 276  | 208611   | 1.583 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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