

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071221\  
 Data File : BN015488.D  
 Acq On : 12 Jul 2021 14:05  
 Operator : CG/JU  
 Sample : M2808-14DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGD5DL

Manual Integrations  
 APPROVED

mohammad  
 7/13/2021 1:43:47 PM

Quant Time: Jul 12 14:41:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 12 11:02:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.808  | 152  | 2735     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.600 | 136  | 9007     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.446 | 164  | 4493     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.196 | 188  | 8711     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.389 | 240  | 7343     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.751 | 264  | 6375     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 886      | 0.287 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.190 | 152  | 311      | 0.022 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.225 | 212  | 706      | 0.029 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.234 | 178  | 3507     | 0.111 | ng/ul  | 96       |
| 16) Anthracene              | 17.326 | 178  | 1727     | 0.062 | ng/ul# | 90       |
| 19) Fluoranthene            | 19.257 | 202  | 15485    | 0.456 | ng/ul  | 98       |
| 20) Pyrene                  | 19.620 | 202  | 13050    | 0.383 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.375 | 228  | 9013     | 0.331 | ng/ul  | 95       |
| 22) Chrysene                | 21.427 | 228  | 8183     | 0.251 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.035 | 252  | 9166m    | 0.308 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.073 | 252  | 3566m    | 0.106 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.643 | 252  | 6228     | 0.249 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.173 | 276  | 3460     | 0.115 | ng/ul  | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.186 | 278  | 958      | 0.040 | ng/ul# | 50       |
| 29) Benzo(g,h,i)perylene    | 26.910 | 276  | 564      | 0.020 | ng/ul# | 54       |
| -----                       |        |      |          |       |        |          |

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

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