

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062821\  
 Data File : BM030688.D  
 Acq On : 29 Jun 2021 13:07  
 Operator : CG/JU  
 Sample : M2680-03  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGD73

Manual Integrations  
 APPROVED

mohammad  
 6/30/2021 10:24:56 AM

Quant Time: Jun 29 13:42:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 28 14:33:12 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|---------|--------|----------|
| -----                       |        |      |          |         |        |          |
| Internal Standards          |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 2019     | 0.400   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.572 | 136  | 7456     | 0.400   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.413 | 164  | 4562     | 0.400   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.152 | 188  | 8366     | 0.400   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.331 | 240  | 7493m    | 0.400   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.585 | 264  | 11563m   | 0.400   | ng/ul  | 0.00     |
|                             |        |      |          |         |        |          |
| System Monitoring Compounds |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.276  | 96   | 5442     | 2.474   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.160 | 152  | 1871     | 0.160   | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.176 | 212  | 3339     | 0.155   | ng/ul  | 0.00     |
|                             |        |      |          |         |        |          |
| Target Compounds            |        |      |          |         |        | Qvalue   |
| 5) Naphthalene              | 10.622 | 128  | 72821    | 3.427   | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.236 | 142  | 13206    | 0.923   | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.457 | 142  | 8344     | 0.600   | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.136 | 152  | 141358   | 6.941   | ng/ul  | 98       |
| 11) Acenaphthene            | 14.478 | 153  | 16868    | 1.022   | ng/ul  | 98       |
| 12) Fluorene                | 15.460 | 166  | 87815    | 4.824   | ng/ul  | 99       |
| 15) Phenanthrene            | 17.197 | 178  | 2831918  | 100.692 | ng/ul  | 99       |
| 16) Anthracene              | 17.284 | 178  | 970491   | 39.403  | ng/ul  | 97       |
| 19) Fluoranthene            | 19.214 | 202  | 5845214  | 176.740 | ng/ul  | 98       |
| 20) Pyrene                  | 19.577 | 202  | 5174211  | 155.585 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.316 | 228  | 3589075m | 120.161 | ng/ul  |          |
| 22) Chrysene                | 21.367 | 228  | 2912762  | 87.054  | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 22.919 | 252  | 3982511m | 77.760  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.951 | 252  | 1473197m | 27.900  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.498 | 252  | 3199895  | 73.457  | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.882 | 276  | 1858599  | 32.753  | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 25.882 | 278  | 479733   | 10.535  | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 26.583 | 276  | 1380918  | 28.009  | ng/ul  | 95       |
| -----                       |        |      |          |         |        |          |

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

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