

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071423\  
 Data File : BM040908.D  
 Acq On : 15 Jul 2023 17:12  
 Operator : MA/JU  
 Sample : 03284-04  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGZ1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023  
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 16 00:29:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 15 03:58:02 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.857  | 152  | 3936     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.658 | 136  | 12135    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.504 | 164  | 4902     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.257 | 188  | 9062     | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.451 | 240  | 6363     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.825 | 264  | 6483     | 0.400 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.280  | 96   | 15522    | 2.511 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.253 | 152  | 1493     | 0.088 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.287 | 212  | 1969     | 0.097 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.708 | 128  | 4503     | 0.135 | ng/ul   | 95       |
| 15) Phenanthrene            | 17.299 | 178  | 1572     | 0.056 | ng/ul#  | 87       |
| 19) Fluoranthene            | 19.320 | 202  | 2514     | 0.093 | ng/ul   | 95       |
| 20) Pyrene                  | 19.678 | 202  | 2530     | 0.087 | ng/ul#  | 87       |
| 21) Benzo(a)anthracene      | 21.434 | 228  | 1112     | 0.052 | ng/ul#  | 80       |
| 22) Chrysene                | 21.486 | 228  | 1226     | 0.050 | ng/ul#  | 85       |
| 24) Benzo(b)fluoranthene    | 23.108 | 252  | 1540     | 0.061 | ng/ul#  | 8        |
| 25) Benzo(k)fluoranthene    | 23.146 | 252  | 672m     | 0.027 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.719 | 252  | 772      | 0.034 | ng/ul#  | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.284 | 276  | 797      | 0.025 | ng/ul#  | 91       |
| -----                       |        |      |          |       |         |          |

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

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