

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050523\  
 Data File : BM039841.D  
 Acq On : 05 May 2023 12:07  
 Operator : CG/JU  
 Sample : 02447-02DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW907DL

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 05/08/2023  
 Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 06 02:20:39 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 06 02:18:19 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.796  | 152  | 1786     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.599 | 136  | 7073     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.440 | 164  | 4733     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.194 | 188  | 10783    | 0.400 | ng/ul  | #-0.02   |
| 17) Chrysene-d12            | 21.390 | 240  | 10152    | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.735 | 264  | 10432    | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.176  | 96   | 1015     | 0.386 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.227 | 152  | 303      | 0.033 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.227 | 212  | 946      | 0.035 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.654 | 128  | 557      | 0.031 | ng/ul# | 40       |
| 7) 2-Methylnaphthalene      | 12.304 | 142  | 216      | 0.021 | ng/ul  | 93       |
| 10) Acenaphthylene          | 14.158 | 152  | 1274     | 0.070 | ng/ul# | 69       |
| 11) Acenaphthene            | 14.500 | 153  | 494      | 0.034 | ng/ul# | 91       |
| 12) Fluorene                | 15.495 | 166  | 714      | 0.045 | ng/ul# | 80       |
| 15) Phenanthrene            | 17.236 | 178  | 17145    | 0.604 | ng/ul# | 94       |
| 16) Anthracene              | 17.329 | 178  | 3305     | 0.135 | ng/ul# | 66       |
| 19) Fluoranthene            | 19.255 | 202  | 49399    | 1.364 | ng/ul  | 99       |
| 20) Pyrene                  | 19.618 | 202  | 43988    | 1.125 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.376 | 228  | 20813m   | 0.713 | ng/ul  |          |
| 22) Chrysene                | 21.428 | 228  | 23881m   | 0.723 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.024 | 252  | 32360    | 0.883 | ng/ul  | 86       |
| 25) Benzo(k)fluoranthene    | 23.065 | 252  | 10975m   | 0.294 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.629 | 252  | 20219    | 0.615 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.164 | 276  | 16272    | 0.391 | ng/ul  | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.164 | 278  | 3657     | 0.113 | ng/ul# | 49       |
| 29) Benzo(g,h,i)perylene    | 26.915 | 276  | 15526    | 0.428 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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