

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121522\  
 Data File : BM038058.D  
 Acq On : 16 Dec 2022 07:51  
 Operator : CG/JU  
 Sample : PB149580BS  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS580

Quant Time: Dec 16 08:20:12 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 15 21:53:17 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.059  | 152  | 6224     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.873 | 136  | 18495    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.680 | 164  | 9935     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.417 | 188  | 21305    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.585 | 240  | 15203    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.041 | 264  | 14901    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.410  | 96   | 4143     | 0.487 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.451 | 152  | 8415     | 0.312 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.436 | 212  | 17475    | 0.317 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.444  | 88   | 9684     | 1.262 | ng/ul  | 90       |
| 5) Naphthalene              | 10.922 | 128  | 16959    | 0.303 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.522 | 142  | 10619    | 0.308 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.742 | 142  | 11254    | 0.319 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.407 | 152  | 16023    | 0.308 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.745 | 153  | 12033    | 0.305 | ng/ul  | 98       |
| 12) Fluorene                | 15.725 | 166  | 13445    | 0.307 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.067 | 266  | 8497     | 0.963 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.459 | 178  | 21666    | 0.302 | ng/ul  | 99       |
| 16) Anthracene              | 17.552 | 178  | 20632    | 0.311 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.464 | 202  | 25217    | 0.321 | ng/ul  | 98       |
| 20) Pyrene                  | 19.826 | 202  | 26122    | 0.326 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.565 | 228  | 23066    | 0.351 | ng/ul  | 100      |
| 22) Chrysene                | 21.621 | 228  | 22993    | 0.347 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.284 | 252  | 22617    | 0.320 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.333 | 252  | 22136    | 0.325 | ng/ul  | 96       |
| 26) Benzo(a)pyrene          | 23.930 | 252  | 19121    | 0.321 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.602 | 276  | 22913    | 0.307 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.622 | 278  | 18194    | 0.313 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.400 | 276  | 19138    | 0.302 | ng/ul  | 96       |

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

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