

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102521\  
 Data File : BM032753.D  
 Acq On : 27 Oct 2021 07:04  
 Operator : CG/JU  
 Sample : PB140204BS  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS204

Manual Integrations  
 APPROVED

mohammad  
 10/27/2021 11:47:36 AM

Quant Time: Oct 27 07:48:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 26 17:09:29 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.536  | 152  | 4791     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.317 | 136  | 17980    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.187 | 164  | 9625     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.925 | 188  | 16430    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.101 | 240  | 10257    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.232 | 264  | 8666     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 2.910  | 96   | 3480     | 0.648 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.913 | 152  | 7367     | 0.307 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.950 | 212  | 10937    | 0.339 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 2.944  | 88   | 9808     | 1.658 | ng/ul# | 81       |
| 5) Naphthalene              | 10.366 | 128  | 16394    | 0.301 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 11.990 | 142  | 10332    | 0.290 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.210 | 142  | 9766     | 0.277 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.910 | 152  | 11006    | 0.268 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.251 | 153  | 11048    | 0.295 | ng/ul  | 99       |
| 12) Fluorene                | 15.241 | 166  | 11679    | 0.277 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.599 | 266  | 2082     | 0.493 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.967 | 178  | 16204    | 0.293 | ng/ul  | 99       |
| 16) Anthracene              | 17.057 | 178  | 12817    | 0.264 | ng/ul  | 100      |
| 19) Fluoranthene            | 18.981 | 202  | 16122    | 0.318 | ng/ul  | 99       |
| 20) Pyrene                  | 19.343 | 202  | 16244    | 0.311 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.089 | 228  | 10687    | 0.267 | ng/ul  | 100      |
| 22) Chrysene                | 21.138 | 228  | 13412    | 0.304 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.600 | 252  | 12399    | 0.310 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 22.639 | 252  | 12613m   | 0.316 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.140 | 252  | 10060    | 0.300 | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.328 | 276  | 13329    | 0.325 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.333 | 278  | 10477    | 0.324 | ng/ul# | 94       |
| 29) Benzo(g,h,i)perylene    | 25.970 | 276  | 12618    | 0.353 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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