

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092623\  
 Data File : BN027904.D  
 Acq On : 27 Sep 2023 17:57  
 Operator : MA/JU  
 Sample : 04472-15RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYM4RE

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023  
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 28 00:01:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 27 03:52:19 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.962  | 152  | 8299     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.779 | 136  | 30801    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.606 | 164  | 19629    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.354 | 188  | 44313    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.539 | 240  | 42880    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.009 | 264  | 44020    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.330  | 96   | 10998    | 1.052 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.363 | 152  | 6347     | 0.136 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.381 | 212  | 17576    | 0.134 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.828 | 128  | 1930     | 0.022 | ng/ul# | 87       |
| 7) 2-Methylnaphthalene      | 12.434 | 142  | 2190     | 0.039 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.654 | 142  | 2256     | 0.039 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.397 | 178  | 49539    | 0.356 | ng/ul  | 99       |
| 16) Anthracene              | 17.489 | 178  | 4291     | 0.037 | ng/ul# | 90       |
| 19) Fluoranthene            | 19.408 | 202  | 135237   | 0.780 | ng/ul  | 98       |
| 20) Pyrene                  | 19.776 | 202  | 129621   | 0.726 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.522 | 228  | 10793    | 0.065 | ng/ul# | 83       |
| 22) Chrysene                | 21.577 | 228  | 24753m   | 0.144 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.246 | 252  | 21771m   | 0.111 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.293 | 252  | 5374m    | 0.028 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.901 | 252  | 7245     | 0.046 | ng/ul# | 20       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.606 | 276  | 6951     | 0.034 | ng/ul# | 92       |
| 29) Benzo(g,h,i)perylene    | 27.424 | 276  | 8682     | 0.051 | ng/ul# | 81       |
| -----                       |        |      |          |       |        |          |

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

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