

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092823\  
 Data File : BN027947.D  
 Acq On : 29 Sep 2023 04:32  
 Operator : MA/JU  
 Sample : 04417-24DL 5X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYF0DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023  
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 05:23:44 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   | 7.970  | 152  | 4611     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.790 | 136  | 16708    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.615 | 164  | 10527    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.371 | 188  | 21914    | 0.400 | ng/ul  | # 0.02   |
| 17) Chrysene-d12            | 21.559 | 240  | 15673    | 0.400 | ng/ul  | # 0.02   |
| 23) Perylene-d12            | 24.056 | 264  | 16231    | 0.400 | ng/ul  | # 0.05   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.334  | 96   | 5317     | 0.915 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.373 | 152  | 1882     | 0.074 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.399 | 212  | 3570     | 0.075 | ng/ul  | 0.02     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.839 | 128  | 1375     | 0.029 | ng/ul# | 73       |
| 7) 2-Methylnaphthalene      | 12.445 | 142  | 1676     | 0.055 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.665 | 142  | 1087     | 0.035 | ng/ul  | 96       |
| 10) Acenaphthylene          | 14.342 | 152  | 1642     | 0.036 | ng/ul# | 25       |
| 11) Acenaphthene            | 14.680 | 153  | 877      | 0.022 | ng/ul# | 75       |
| 15) Phenanthrene            | 17.413 | 178  | 13020    | 0.189 | ng/ul# | 63       |
| 16) Anthracene              | 17.506 | 178  | 2402     | 0.042 | ng/ul# | 1        |
| 19) Fluoranthene            | 19.427 | 202  | 35864    | 0.566 | ng/ul# | 92       |
| 20) Pyrene                  | 19.794 | 202  | 78585    | 1.204 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.539 | 228  | 18179    | 0.300 | ng/ul# | 1        |
| 22) Chrysene                | 21.571 | 228  | 59044m   | 0.942 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 23.278 | 252  | 46907m   | 0.648 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.325 | 252  | 14332m   | 0.204 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.945 | 252  | 30414    | 0.523 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.690 | 276  | 29807    | 0.400 | ng/ul# | 74       |
| 29) Benzo(g,h,i)perylene    | 27.518 | 276  | 72197    | 1.140 | ng/ul# | 31       |
| -----                       |        |      |          |       |        |          |

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

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