

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072121\  
 Data File : BN015638.D  
 Acq On : 21 Jul 2021 01:41  
 Operator : CG/JU  
 Sample : M2914-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBK44

Manual Integrations  
 APPROVED

mohammad  
 7/21/2021 3:57:42 PM

Quant Time: Jul 21 02:48:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 20 18:52:28 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.774  | 152  | 2624     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.562 | 136  | 9361     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.418 | 164  | 5378     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.170 | 188  | 10528    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.371 | 240  | 8770     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.710 | 264  | 8439     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.276  | 96   | 8722     | 2.949 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.162 | 152  | 2330     | 0.159 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.206 | 212  | 4974     | 0.173 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.611 | 128  | 1023     | 0.034 | ng/ul# | 48       |
| 7) 2-Methylnaphthalene      | 12.233 | 142  | 484      | 0.025 | ng/ul  | 91       |
| 10) Acenaphthylene          | 14.136 | 152  | 609      | 0.022 | ng/ul# | 78       |
| 11) Acenaphthene            | 14.478 | 153  | 427      | 0.020 | ng/ul# | 90       |
| 12) Fluorene                | 15.468 | 166  | 678      | 0.029 | ng/ul# | 45       |
| 14) Pentachlorophenol       | 16.828 | 266  | 101      | 0.043 | ng/ul  | 94       |
| 15) Phenanthrene            | 17.212 | 178  | 1811     | 0.047 | ng/ul# | 1        |
| 16) Anthracene              | 17.301 | 178  | 1096     | 0.033 | ng/ul# | 54       |
| 19) Fluoranthene            | 19.234 | 202  | 1444     | 0.036 | ng/ul# | 1        |
| 20) Pyrene                  | 19.596 | 202  | 1186m    | 0.029 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.351 | 228  | 1382     | 0.043 | ng/ul# | 47       |
| 22) Chrysene                | 21.407 | 228  | 1114     | 0.029 | ng/ul# | 56       |
| 24) Benzo(b)fluoranthene    | 23.002 | 252  | 870      | 0.022 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.605 | 252  | 797      | 0.024 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.132 | 276  | 1522     | 0.038 | ng/ul# | 67       |
| 28) Dibenzo(a,h)anthracene  | 26.142 | 278  | 2299     | 0.073 | ng/ul# | 41       |
| 29) Benzo(g,h,i)perylene    | 26.860 | 276  | 1441     | 0.039 | ng/ul# | 15       |
| -----                       |        |      |          |       |        |          |

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

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