

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062723\  
 Data File : BN026046.D  
 Acq On : 27 Jun 2023 20:37  
 Operator : MA/JU  
 Sample : 03376-12  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP-01

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023  
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 05:51:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 05:23:31 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 5844     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.782 | 136  | 17407    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.609 | 164  | 11031    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.356 | 188  | 22986    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.542 | 240  | 12659    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.005 | 264  | 11813    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.528  | 112  | 1750     | 0.123 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.146  | 99   | 1223     | 0.068 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.159  | 82   | 3632     | 0.244 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.374 | 152  | 7143     | 0.281 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.102 | 330  | 1339     | 0.334 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.240 | 172  | 15756    | 0.370 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.384 | 212  | 18430    | 0.378 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.974 | 244  | 15781    | 0.487 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 9) Naphthalene                | 10.835 | 128  | 3300     | 0.070 | ng    | # 90     |
| 10) Hexachlorobutadiene       | 11.113 | 225  | 650      | 0.071 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.445 | 142  | 2566     | 0.077 | ng    | 97       |
| 16) Acenaphthylene            | 14.331 | 152  | 1452     | 0.028 | ng    | 95       |
| 17) Acenaphthene              | 14.673 | 154  | 1166     | 0.035 | ng    | 96       |
| 18) Fluorene                  | 15.656 | 166  | 2659     | 0.061 | ng    | 100      |
| 21) 4-Bromophenyl-phenylether | 16.549 | 248  | 949      | 0.072 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.661 | 284  | 808      | 0.061 | ng    | 95       |
| 25) Phenanthrene              | 17.393 | 178  | 5254     | 0.078 | ng    | 99       |
| 26) Anthracene                | 17.493 | 178  | 3623     | 0.060 | ng    | 95       |
| 28) Fluoranthene              | 19.412 | 202  | 4300     | 0.061 | ng    | # 94     |
| 30) Pyrene                    | 19.774 | 202  | 3256     | 0.046 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.524 | 228  | 1446     | 0.032 | ng    | # 83     |
| 33) Chrysene                  | 21.578 | 228  | 1674     | 0.033 | ng    | # 85     |
| 34) Bis(2-ethylhexyl)phtha... | 21.435 | 149  | 3355     | 0.083 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.601 | 276  | 1643m    | 0.034 | ng    |          |
| 41) Benzo(g,h,i)perylene      | 27.387 | 276  | 1433     | 0.032 | ng    | # 55     |
| -----                         |        |      |          |       |       |          |

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

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