

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062219\  
 Data File : BN006509.D  
 Acq On : 23 Jun 2019 04:27  
 Operator : HP/JU  
 Sample : K3360-06  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A41Y6

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 8:45:11 AM

Quant Time: Jun 24 09:35:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN053019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 17 11:13:07 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 5193     | 0.40  | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.41 | 136  | 19911    | 0.40  | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 10635    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 20723m   | 0.40  | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.25 | 240  | 12144m   | 0.40  | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.47 | 264  | 10791m   | 0.40  | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 7929     | 0.26  | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.07 | 212  | 15650m   | 0.28  | ng/ul  | -0.02    |
| Target Compounds            |       |      |          |       |        | Qvalue   |
| 3) Naphthalene              | 10.46 | 128  | 6089     | 0.111 | ng/ul  | 96       |
| 5) 2-Methylnaphthalene      | 12.08 | 142  | 2918     | 0.076 | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.00 | 152  | 1467     | 0.025 | ng/ul# | 81       |
| 8) Acenaphthene             | 14.34 | 153  | 15174    | 0.370 | ng/ul  | 99       |
| 9) Fluorene                 | 15.34 | 166  | 13626    | 0.284 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.07 | 178  | 189335m  | 2.846 | ng/ul  |          |
| 13) Anthracene              | 17.17 | 178  | 30718m   | 0.484 | ng/ul  |          |
| 15) Fluoranthene            | 19.10 | 202  | 275222m  | 3.747 | ng/ul  |          |
| 17) Pyrene                  | 19.47 | 202  | 213268   | 3.334 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 88888m   | 1.655 | ng/ul  |          |
| 19) Chrysene                | 21.28 | 228  | 93401    | 1.852 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.81 | 252  | 107247m  | 2.383 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.85 | 252  | 41858m   | 0.955 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.38 | 252  | 66264m   | 1.581 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.70 | 276  | 46825m   | 1.032 | ng/ul  |          |
| 25) Dibenzo(a,h)anthracene  | 25.71 | 278  | 11846m   | 0.327 | ng/ul  |          |
| 26) Benzo(g,h,i)perylene    | 26.39 | 276  | 37625m   | 0.990 | ng/ul  |          |

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

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