

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062219\  
 Data File : BN006497.D  
 Acq On : 22 Jun 2019 19:50  
 Operator : HP/JU  
 Sample : K3335-07DL 2X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4234DL

Manual Integrations  
 APPROVED

mohammad  
 6/25/2019 8:44:35 AM

Quant Time: Jun 24 10:38:18 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  | 4946     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.41 | 136  | 19190    | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 9862     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.07 | 188  | 166084m  | 0.40   | ng/ul  | 0.01     |
| 16) Chrysene-d12            | 21.25 | 240  | 13896m   | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.48 | 264  | 11952    | 0.40   | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 3620     | 0.12   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 8665m    | 0.02   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.46 | 128  | 1874     | 0.035  | ng/ul# | 86       |
| 7) Acenaphthylene           | 14.00 | 152  | 3898     | 0.071  | ng/ul  | 96       |
| 8) Acenaphthene             | 14.34 | 153  | 1594     | 0.042  | ng/ul  | 98       |
| 9) Fluorene                 | 15.34 | 166  | 2218     | 0.050  | ng/ul# | 95       |
| 12) Phenanthrene            | 17.08 | 178  | 44035m   | 0.083  | ng/ul  |          |
| 13) Anthracene              | 17.17 | 178  | 10686m   | 0.021  | ng/ul  |          |
| 15) Fluoranthene            | 19.11 | 202  | 87181m   | 0.148  | ng/ul  |          |
| 17) Pyrene                  | 19.48 | 202  | 79402    | 1.085  | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 32173m   | 0.523  | ng/ul  |          |
| 19) Chrysene                | 21.29 | 228  | 31523    | 0.546  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.82 | 252  | 35977m   | 0.722  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.85 | 252  | 16129m   | 0.332  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.38 | 252  | 23378    | 0.504  | ng/ul# | 91       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.71 | 276  | 16084    | 0.320  | ng/ul# | 89       |
| 25) Dibenzo(a,h)anthracene  | 25.72 | 278  | 3932     | 0.098  | ng/ul# | 78       |
| 26) Benzo(g,h,i)perylene    | 26.40 | 276  | 12648    | 0.301  | ng/ul  | 98       |

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

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