

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN102219\  
 Data File : BN008367.D  
 Acq On : 24 Oct 2019 01:42  
 Operator : JU  
 Sample : K5235-05  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEPB3

Manual Integrations  
 APPROVED

mohammad  
 10/24/2019 8:07:16 AM

Quant Time: Oct 24 02:32:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN101019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 23 14:07:55 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 1661     | 0.40   | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.34 | 136  | 8144     | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.21 | 164  | 5255     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.96 | 188  | 11849    | 0.40   | ng/ul  | -0.01    |
| 16) Chrysene-d12            | 21.16 | 240  | 11188    | 0.40   | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.33 | 264  | 9330     | 0.40   | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.95 | 152  | 2117     | 0.15   | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.00 | 212  | 6549     | 0.16   | ng/ul  | -0.02    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 3) Naphthalene              | 10.39 | 128  | 575      | 0.025  | ng/ul# | 68       |
| 5) 2-Methylnaphthalene      | 12.02 | 142  | 349      | 0.022  | ng/ul  | 97       |
| 7) Acenaphthylene           | 13.93 | 152  | 1974     | 0.079  | ng/ul# | 91       |
| 8) Acenaphthene             | 14.27 | 153  | 559      | 0.029  | ng/ul  | 94       |
| 9) Fluorene                 | 15.27 | 166  | 725      | 0.033  | ng/ul# | 94       |
| 12) Phenanthrene            | 17.00 | 178  | 18950    | 0.546  | ng/ul  | 100      |
| 13) Anthracene              | 17.09 | 178  | 3590     | 0.118  | ng/ul  | 96       |
| 15) Fluoranthene            | 19.03 | 202  | 45918    | 1.002  | ng/ul  | 97       |
| 17) Pyrene                  | 19.39 | 202  | 47772    | 1.072  | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.15 | 228  | 25826    | 0.635  | ng/ul  | 97       |
| 19) Chrysene                | 21.20 | 228  | 29116    | 0.583  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.69 | 252  | 29203m   | 0.962  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.73 | 252  | 10281m   | 0.299  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.24 | 252  | 20930    | 0.655  | ng/ul  | 95       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.48 | 276  | 12105    | 0.322  | ng/ul# | 96       |
| 25) Dibenzo(a,h)anthracene  | 25.49 | 278  | 2836     | 0.095  | ng/ul# | 80       |
| 26) Benzo(g,h,i)perylene    | 26.14 | 276  | 11839    | 0.343  | ng/ul  | 97       |

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

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