

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\  
 Data File : BN008420.D  
 Acq On : 25 Oct 2019 10:29  
 Operator : JU  
 Sample : K5236-12DL 5X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEPM2DL

Manual Integrations  
 APPROVED

mohammad  
 10/25/2019 9:28:36 PM

Quant Time: Oct 25 12:16:25 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 : Fri Oct 25 00:45:13 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.57  | 152  | 2073     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.33 | 136  | 10325    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.21 | 164  | 6908     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.96 | 188  | 15030    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.17 | 240  | 11946    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.34 | 264  | 9807     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.94 | 152  | 577      | 0.03  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 2174m    | 0.04  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.38 | 128  | 2578     | 0.088 | ng/ul# | 93       |
| 5) 2-Methylnaphthalene      | 12.01 | 142  | 2147     | 0.106 | ng/ul  | 99       |
| 7) Acenaphthylene           | 13.93 | 152  | 14916    | 0.453 | ng/ul  | 99       |
| 8) Acenaphthene             | 14.27 | 153  | 4502     | 0.176 | ng/ul  | 98       |
| 9) Fluorene                 | 15.26 | 166  | 10266    | 0.353 | ng/ul  | 98       |
| 12) Phenanthrene            | 17.00 | 178  | 185908   | 4.225 | ng/ul  | 98       |
| 13) Anthracene              | 17.09 | 178  | 31881    | 0.823 | ng/ul  | 99       |
| 15) Fluoranthene            | 19.02 | 202  | 326616   | 5.620 | ng/ul  | 98       |
| 17) Pyrene                  | 19.39 | 202  | 251441   | 5.286 | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.15 | 228  | 125430   | 2.888 | ng/ul  | 98       |
| 19) Chrysene                | 21.20 | 228  | 122113   | 2.291 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.69 | 252  | 131043m  | 4.105 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.73 | 252  | 53956m   | 1.492 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.24 | 252  | 86366m   | 2.571 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.48 | 276  | 52936    | 1.338 | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.49 | 278  | 13337    | 0.426 | ng/ul# | 90       |
| 26) Benzo(a,h,i)perylene    | 26.14 | 276  | 48254    | 1.330 | ng/ul  | 98       |

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

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