

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\  
 Data File : BM021854.D  
 Acq On : 05 Aug 2019 22:20  
 Operator : HP/JU  
 Sample : K3863-15DL 5X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A52F5DL

Manual Integrations  
 APPROVED

mohammad  
 8/6/2019 9:09:07 AM

Quant Time: Aug 06 02:39:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 06 01:29:26 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.63  | 152  | 892      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.41 | 136  | 3760     | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.28 | 164  | 2122     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 4963     | 0.40   | ng/ul  | -0.01    |
| 16) Chrysene-d12            | 21.24 | 240  | 4985     | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.45 | 264  | 5477m    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 338      | 0.05   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.07 | 212  | 924      | 0.06   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.46 | 128  | 451      | 0.042  | ng/ul# | 66       |
| 5) 2-Methylnaphthalene      | 12.10 | 142  | 232      | 0.033  | ng/ul  | 95       |
| 7) Acenaphthylene           | 14.00 | 152  | 1521     | 0.154  | ng/ul# | 93       |
| 8) Acenaphthene             | 14.35 | 153  | 3154     | 0.389  | ng/ul  | 97       |
| 9) Fluorene                 | 15.34 | 166  | 4140     | 0.460  | ng/ul  | 97       |
| 12) Phenanthrene            | 17.08 | 178  | 81519    | 5.645  | ng/ul  | 96       |
| 13) Anthracene              | 17.17 | 178  | 12130    | 0.985  | ng/ul  | 96       |
| 15) Fluoranthene            | 19.10 | 202  | 150149   | 7.762  | ng/ul  | 95       |
| 17) Pyrene                  | 19.47 | 202  | 118724   | 5.796  | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.22 | 228  | 54766    | 3.071  | ng/ul  | 99       |
| 19) Chrysene                | 21.27 | 228  | 63765    | 2.781  | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.79 | 252  | 73929m   | 4.003  | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.83 | 252  | 28250m   | 1.352  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.36 | 252  | 49852    | 2.654  | ng/ul# | 78       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.67 | 276  | 36960    | 1.648  | ng/ul# | 90       |
| 25) Dibenzo(a,h)anthracene  | 25.67 | 278  | 8818     | 0.486  | ng/ul# | 95       |
| 26) Benzo(a,h,i)perylene    | 26.35 | 276  | 35258    | 1.746  | ng/ul  | 97       |

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

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