

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\  
 Data File : BN008709.D  
 Acq On : 22 Nov 2019 12:06  
 Operator : JU  
 Sample : K5854-04DL 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AC2DL

Manual Integrations  
 APPROVED

mohammad  
 11/22/2019 3:24:06 PM

Quant Time: Nov 22 14:01:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 22 07:12:34 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 4148     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.37 | 136  | 14834    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.23 | 164  | 8456     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.97 | 188  | 17097    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.17 | 240  | 14461    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.33 | 264  | 14867    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.96 | 152  | 771      | 0.03  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 1940     | 0.04  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 3) Naphthalene              | 10.42 | 128  | 10459    | 0.234 | ng/ul  | 100      |
| 5) 2-Methylnaphthalene      | 12.03 | 142  | 6853     | 0.219 | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.95 | 152  | 3185     | 0.068 | ng/ul# | 92       |
| 8) Acenaphthene             | 14.29 | 153  | 1174     | 0.034 | ng/ul  | 96       |
| 9) Fluorene                 | 15.28 | 166  | 1780     | 0.044 | ng/ul# | 90       |
| 12) Phenanthrene            | 17.01 | 178  | 20806    | 0.361 | ng/ul  | 98       |
| 13) Anthracene              | 17.11 | 178  | 6544     | 0.120 | ng/ul  | 96       |
| 15) Fluoranthene            | 19.04 | 202  | 42233    | 0.596 | ng/ul  | 94       |
| 17) Pyrene                  | 19.40 | 202  | 44105    | 0.760 | ng/ul  | 98       |
| 18) Benzo(a)anthracene      | 21.15 | 228  | 24325    | 0.418 | ng/ul  | 96       |
| 19) Chrysene                | 21.21 | 228  | 24254m   | 0.425 | ng/ul  |          |
| 21) Benzo(b)fluoranthene    | 22.70 | 252  | 33734m   | 0.550 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.73 | 252  | 12148m   | 0.200 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.24 | 252  | 21365    | 0.371 | ng/ul# | 81       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.47 | 276  | 13867    | 0.206 | ng/ul# | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.48 | 278  | 3524     | 0.065 | ng/ul# | 25       |
| 26) Benzo(a,h,i)perylene    | 26.12 | 276  | 13204    | 0.235 | ng/ul# | 88       |

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11519.M  
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