

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN081019\  
 Data File : BN007058.D  
 Acq On : 10 Aug 2019 21:10  
 Operator : HP/JU  
 Sample : K4144-11  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EXT-008-SW111-073119

Manual Integrations  
 APPROVED

mohammad  
 8/14/2019 2:56:11 AM

Quant Time: Aug 12 04:57:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN081019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 10 21:44:50 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 7997     | 0.40 | ng    | 0.00     |
| 6) Naphthalene-d8         | 10.19 | 136  | 29891    | 0.40 | ng    | 0.00     |
| 12) Acenaphthene-d10      | 14.08 | 164  | 17420    | 0.40 | ng    | 0.00     |
| 18) Phenanthrene-d10      | 16.82 | 188  | 43537    | 0.40 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.05 | 240  | 45798    | 0.40 | ng    | -0.01    |
| 32) Perylene-d12          | 23.16 | 264  | 50399    | 0.40 | ng    | -0.01    |

#### System Monitoring Compounds

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| 3) 2-Fluorophenol           | 5.06  | 112 | 5086  | 0.26 | ng | 0.00 |
| 4) Phenol-d6                | 6.61  | 99  | 7072  | 0.30 | ng | 0.00 |
| 7) Nitrobenzene-d5          | 8.56  | 82  | 5354  | 0.22 | ng | 0.00 |
| 10) 2-Methylnaphthalene-d10 | 11.79 | 152 | 12401 | 0.22 | ng | 0.00 |
| 13) 2,4,6-Tribromophenol    | 15.57 | 330 | 1682  | 0.18 | ng | 0.00 |
| 14) 2-Fluorobiphenyl        | 12.71 | 172 | 4898  | 0.19 | ng | 0.00 |
| 24) Fluoranthene-d10        | 18.87 | 212 | 30847 | 0.20 | ng | 0.00 |
| 28) Terphenyl-d14           | 19.49 | 244 | 23756 | 0.19 | ng | 0.00 |

#### Target Compounds

|                            |       |     |         |       |    | Qvalue |
|----------------------------|-------|-----|---------|-------|----|--------|
| 8) Naphthalene             | 10.24 | 128 | 6444    | 0.077 | ng | 96     |
| 11) 2-Methylnaphthalene    | 11.87 | 142 | 4358    | 0.073 | ng | 96     |
| 15) Acenaphthylene         | 13.79 | 152 | 30812   | 0.338 | ng | 99     |
| 16) Acenaphthene           | 14.14 | 154 | 4189    | 0.072 | ng | 94     |
| 17) Fluorene               | 15.14 | 166 | 6955    | 0.080 | ng | # 84   |
| 22) Phenanthrene           | 16.87 | 178 | 140810  | 1.079 | ng | 100    |
| 23) Anthracene             | 16.96 | 178 | 33119   | 0.278 | ng | # 95   |
| 25) Fluoranthene           | 18.90 | 202 | 241694  | 1.448 | ng | 100    |
| 27) Pyrene                 | 19.26 | 202 | 285207  | 1.776 | ng | # 95   |
| 29) Benzo(a)anthracene     | 21.02 | 228 | 151001  | 0.902 | ng | 93     |
| 30) Chrysene               | 21.08 | 228 | 152252  | 0.936 | ng | 96     |
| 31) Indeno(1,2,3-cd)pyrene | 25.24 | 276 | 86689   | 0.483 | ng | 98     |
| 33) Benzo(b)fluoranthene   | 22.54 | 252 | 177409m | 1.027 | ng |        |
| 34) Benzo(k)fluoranthene   | 22.58 | 252 | 55837m  | 0.327 | ng |        |
| 35) Benzo(a)pyrene         | 23.07 | 252 | 137440  | 0.877 | ng | 99     |
| 36) Dibenzo(a,h)anthracene | 25.25 | 278 | 25141   | 0.161 | ng | # 87   |
| 37) Benzo(g,h,i)perylene   | 25.87 | 276 | 98229   | 0.611 | ng | 99     |

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

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