

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\  
 Data File : BE100344.D  
 Acq On : 4 Jul 2019 00:33  
 Operator : JU/SJ  
 Sample : K3560-11  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-009-B219-062419

Manual Integrations  
 APPROVED

mohammad  
 7/5/2019 8:54:46 AM

Quant Time: Jul 04 02:41:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 14:06:53 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 524      | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.43 | 136  | 1750     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 1412     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.05 | 188  | 4631     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.25 | 240  | 6535     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.66 | 264  | 7933     | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.21  | 112 | 520   | 0.39 | ng | 0.00  |
| 5) Phenol-d6                | 6.82  | 99  | 636   | 0.36 | ng | -0.01 |
| 8) Nitrobenzene-d5          | 8.81  | 82  | 578   | 0.33 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.04 | 152 | 1126  | 0.34 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330 | 411   | 0.42 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.93 | 172 | 1718  | 0.31 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.09 | 212 | 21187 | 0.32 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.69 | 244 | 4687  | 0.35 | ng | -0.01 |

#### Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 16) Acenaphthylene             | 14.04 | 152 | 290   | 0.043 | ng | # 92   |
| 18) Fluorene                   | 15.35 | 166 | 116   | 0.020 | ng | # 72   |
| 23) Phenanthrene               | 17.09 | 178 | 2961  | 0.264 | ng | 97     |
| 24) Anthracene                 | 17.19 | 178 | 289   | 0.029 | ng | # 87   |
| 26) Fluoranthene               | 19.12 | 202 | 8202  | 0.459 | ng | 99     |
| 28) Pyrene                     | 19.48 | 202 | 8940  | 0.517 | ng | 96     |
| 30) Benzo(a)anthracene         | 21.22 | 228 | 6734  | 0.313 | ng | # 94   |
| 31) Chrysene                   | 21.28 | 228 | 8598  | 0.398 | ng | 96     |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 23270 | 0.709 | ng | 99     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.21 | 276 | 6641  | 0.233 | ng | # 96   |
| 35) Benzo(b)fluoranthene       | 22.92 | 252 | 12064 | 0.561 | ng | 96     |
| 36) Benzo(k)fluoranthene       | 22.96 | 252 | 4003m | 0.167 | ng |        |
| 37) Benzo(a)pyrene             | 23.55 | 252 | 8132  | 0.377 | ng | 95     |
| 38) Dibenzo(a,h)anthracene     | 26.23 | 278 | 1475  | 0.066 | ng | # 59   |
| 39) Benzo(g,h,i)perylene       | 27.01 | 276 | 7346  | 0.318 | ng | # 93   |

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

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