

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE032919\  
 Data File : BE099259.D  
 Acq On : 29 Mar 2019 17:45  
 Operator : JU/SJ  
 Sample : K1982-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EXT-028-SW005-032519

Manual Integrations  
 APPROVED

Sohil  
 4/1/2019 5:45:12 PM

Quant Time: Mar 29 23:26:56 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE032519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 26 07:02:06 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 3486     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.63 | 136  | 13563    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 10052    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.20 | 188  | 31601    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.38 | 240  | 40718    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.88 | 264  | 40488    | 0.40 | ng    | -0.01    |

#### System Monitoring Compounds

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| 4) 2-Fluorophenol           | 5.41  | 112 | 3879   | 0.37 | ng | 0.00  |
| 5) Phenol-d6                | 6.99  | 99  | 5575   | 0.35 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.98  | 82  | 4510   | 0.41 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 9706   | 0.37 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.96 | 330 | 1849   | 0.55 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.10 | 172 | 14000  | 0.34 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.23 | 212 | 144450 | 0.38 | ng | -0.01 |
| 29) Terphenyl-d14           | 19.83 | 244 | 23544  | 0.27 | ng | 0.00  |

#### Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 23) Phenanthrene               | 17.24 | 178 | 20488  | 0.221 | ng | 99     |
| 24) Anthracene                 | 17.34 | 178 | 2308   | 0.028 | ng | # 88   |
| 26) Fluoranthene               | 19.26 | 202 | 51425  | 0.434 | ng | 99     |
| 28) Pyrene                     | 19.63 | 202 | 47509  | 0.351 | ng | 96     |
| 30) Benzo(a)anthracene         | 21.37 | 228 | 25976  | 0.193 | ng | 95     |
| 31) Chrysene                   | 21.41 | 228 | 32129  | 0.224 | ng | 97     |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 37812  | 0.236 | ng | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.53 | 276 | 15052  | 0.111 | ng | 96     |
| 35) Benzo(b)fluoranthene       | 23.11 | 252 | 36750  | 0.276 | ng | # 88   |
| 36) Benzo(k)fluoranthene       | 23.16 | 252 | 14138m | 0.100 | ng |        |
| 37) Benzo(a)pyrene             | 23.77 | 252 | 23247  | 0.187 | ng | # 91   |
| 38) Dibenzo(a,h)anthracene     | 26.55 | 278 | 3620   | 0.033 | ng | # 68   |
| 39) Benzo(g,h,i)perylene       | 27.36 | 276 | 14886  | 0.134 | ng | # 93   |

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

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