

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE032919\  
 Data File : BE099261.D  
 Acq On : 29 Mar 2019 19:00  
 Operator : JU/SJ  
 Sample : K1982-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-027-B110-032519

Manual Integrations  
 APPROVED

Sohil  
 4/1/2019 5:45:13 PM

Quant Time: Mar 29 23:30:09 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  | 3377     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.63 | 136  | 14001    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 10417    | 0.40 | ng    | -0.02    |
| 19) Phenanthrene-d10      | 17.20 | 188  | 31257    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.38 | 240  | 38979    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.89 | 264  | 38793    | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.41  | 112 | 2356  | 0.23 | ng | 0.00  |
| 5) Phenol-d6                | 6.99  | 99  | 3568  | 0.23 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.99  | 82  | 2861  | 0.25 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 6292  | 0.23 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.96 | 330 | 1335  | 0.45 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.10 | 172 | 9052  | 0.21 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.23 | 212 | 86450 | 0.23 | ng | -0.01 |
| 29) Terphenyl-d14           | 19.83 | 244 | 13724 | 0.16 | ng | 0.00  |

#### Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 9) Naphthalene                 | 10.67 | 128 | 8726    | 0.053 | ng | # 96   |
| 12) 2-Methylnaphthalene        | 12.29 | 142 | 1461    | 0.049 | ng | 97     |
| 16) Acenaphthylene             | 14.20 | 152 | 4352    | 0.082 | ng | 99     |
| 17) Acenaphthene               | 14.53 | 154 | 6659    | 0.210 | ng | 98     |
| 18) Fluorene                   | 15.50 | 166 | 8607    | 0.193 | ng | # 98   |
| 23) Phenanthrene               | 17.24 | 178 | 201786  | 2.198 | ng | 100    |
| 24) Anthracene                 | 17.34 | 178 | 38791   | 0.468 | ng | # 91   |
| 26) Fluoranthene               | 19.26 | 202 | 370954  | 3.167 | ng | 98     |
| 28) Pyrene                     | 19.62 | 202 | 331862  | 2.563 | ng | # 95   |
| 30) Benzo(a)anthracene         | 21.35 | 228 | 210173  | 1.634 | ng | 98     |
| 31) Chrysene                   | 21.42 | 228 | 199931m | 1.455 | ng |        |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 22957   | 0.150 | ng | 98     |
| 33) Indeno(1,2,3-cd)pyrene     | 26.53 | 276 | 80986   | 0.623 | ng | # 96   |
| 35) Benzo(b)fluoranthene       | 23.12 | 252 | 197190  | 1.545 | ng | # 96   |
| 36) Benzo(k)fluoranthene       | 23.16 | 252 | 89748m  | 0.665 | ng |        |
| 37) Benzo(a)pyrene             | 23.77 | 252 | 147533  | 1.238 | ng | 98     |
| 38) Dibenzo(a,h)anthracene     | 26.55 | 278 | 23288   | 0.220 | ng | # 88   |
| 39) Benzo(g,h,i)perylene       | 27.35 | 276 | 73708   | 0.694 | ng | 98     |

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

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