

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE050219\  
 Data File : BE099504.D  
 Acq On : 2 May 2019 21:43  
 Operator : JU/SJ  
 Sample : K2589-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-001-SW016-042419

Manual Integrations  
 APPROVED

Sohil  
 5/3/2019 4:23:33 PM

Quant Time: May 03 05:17:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE042919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 29 18:36:43 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 2236     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.60 | 136  | 8052     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.46 | 164  | 6006     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.19 | 188  | 18780    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.36 | 240  | 25660    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.87 | 264  | 29907    | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.39  | 112 | 2242  | 0.36 | ng | 0.00  |
| 5) Phenol-d6                | 6.96  | 99  | 3150  | 0.38 | ng | -0.01 |
| 8) Nitrobenzene-d5          | 8.96  | 82  | 2551  | 0.34 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152 | 4516  | 0.31 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330 | 1484  | 0.39 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.07 | 172 | 6811  | 0.30 | ng | -0.02 |
| 25) Fluoranthene-d10        | 19.22 | 212 | 81028 | 0.32 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.82 | 244 | 15634 | 0.33 | ng | 0.00  |

#### Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 16) Acenaphthylene             | 14.18 | 152 | 725   | 0.025 | ng | 95     |
| 23) Phenanthrene               | 17.23 | 178 | 2141  | 0.044 | ng | 96     |
| 26) Fluoranthene               | 19.25 | 202 | 7347  | 0.101 | ng | # 98   |
| 28) Pyrene                     | 19.62 | 202 | 8282  | 0.124 | ng | 96     |
| 30) Benzo(a)anthracene         | 21.35 | 228 | 5515  | 0.067 | ng | # 83   |
| 31) Chrysene                   | 21.40 | 228 | 4557  | 0.057 | ng | # 92   |
| 32) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 17970 | 0.084 | ng | # 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.51 | 276 | 2572  | 0.027 | ng | # 93   |
| 35) Benzo(b)fluoranthene       | 23.10 | 252 | 5445  | 0.063 | ng | # 45   |
| 36) Benzo(k)fluoranthene       | 23.15 | 252 | 1920m | 0.023 | ng |        |
| 37) Benzo(a)pyrene             | 23.76 | 252 | 3954  | 0.048 | ng | # 49   |
| 39) Benzo(g,h,i)perylene       | 27.33 | 276 | 2523  | 0.030 | ng | # 74   |

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

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