

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE050219\  
 Data File : BE099507.D  
 Acq On : 2 May 2019 23:31  
 Operator : JU/SJ  
 Sample : K2589-17  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-001-B185-042419

Manual Integrations  
 APPROVED

Sohil  
 5/3/2019 4:23:41 PM

Quant Time: May 03 05:25:27 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  | 2179     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.60 | 136  | 8052     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.46 | 164  | 6266     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.19 | 188  | 19756    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.37 | 240  | 26129    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.87 | 264  | 30012    | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.39  | 112 | 1354  | 0.22 | ng | 0.00  |
| 5) Phenol-d6                | 6.96  | 99  | 1919  | 0.24 | ng | -0.01 |
| 8) Nitrobenzene-d5          | 8.96  | 82  | 1550  | 0.21 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.20 | 152 | 2971  | 0.20 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330 | 933   | 0.24 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.07 | 172 | 4534  | 0.19 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.22 | 212 | 51679 | 0.19 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.82 | 244 | 10355 | 0.22 | ng | 0.00  |

#### Target Compounds

|                            |       |     |       |       |    | Qvalue |
|----------------------------|-------|-----|-------|-------|----|--------|
| 16) Acenaphthylene         | 14.18 | 152 | 621   | 0.020 | ng | # 87   |
| 23) Phenanthrene           | 17.23 | 178 | 5477  | 0.107 | ng | 97     |
| 26) Fluoranthene           | 19.25 | 202 | 14269 | 0.187 | ng | 99     |
| 28) Pyrene                 | 19.62 | 202 | 14770 | 0.217 | ng | 97     |
| 30) Benzo(a)anthracene     | 21.35 | 228 | 8114  | 0.097 | ng | # 91   |
| 31) Chrysene               | 21.40 | 228 | 8661  | 0.106 | ng | 95     |
| 33) Indeno(1,2,3-cd)pyrene | 26.51 | 276 | 5700  | 0.059 | ng | 100    |
| 35) Benzo(b)fluoranthene   | 23.10 | 252 | 11884 | 0.137 | ng | # 78   |
| 36) Benzo(k)fluoranthene   | 23.14 | 252 | 3798m | 0.046 | ng |        |
| 37) Benzo(a)pyrene         | 23.75 | 252 | 8123  | 0.099 | ng | # 80   |
| 39) Benzo(g,h,i)perylene   | 27.34 | 276 | 5726  | 0.068 | ng | # 89   |

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

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