

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE050219\  
 Data File : BE099501.D  
 Acq On : 2 May 2019 19:56  
 Operator : JU/SJ  
 Sample : K2589-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-001-B195-042519

Manual Integrations  
 APPROVED

Sohil  
 5/3/2019 4:23:25 PM

Quant Time: May 03 05:08:18 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   | 7.81  | 152  | 2343     | 0.40  | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.60 | 136  | 7897     | 0.40  | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.46 | 164  | 5882     | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.19 | 188  | 19143    | 0.40  | ng    | 0.00     |
| 27) Chrysene-d12            | 21.37 | 240  | 26604    | 0.40  | ng    | 0.00     |
| 34) Perylene-d12            | 23.87 | 264  | 30214    | 0.40  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.39  | 112  | 2697     | 0.42  | ng    | 0.00     |
| 5) Phenol-d6                | 6.97  | 99   | 3894     | 0.45  | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.96  | 82   | 3138     | 0.42  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.19 | 152  | 5450     | 0.38  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330  | 1839     | 0.50  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.07 | 172  | 8362     | 0.37  | ng    | -0.02    |
| 25) Fluoranthene-d10        | 19.22 | 212  | 101142   | 0.39  | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.82 | 244  | 20646    | 0.42  | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       | Qvalue   |
| 23) Phenanthrene            | 17.23 | 178  | 5449     | 0.110 | ng    | 98       |
| 24) Anthracene              | 17.32 | 178  | 945      | 0.020 | ng    | 96       |
| 26) Fluoranthene            | 19.25 | 202  | 20484    | 0.277 | ng    | 100      |
| 28) Pyrene                  | 19.61 | 202  | 19772    | 0.285 | ng    | 96       |
| 30) Benzo(a)anthracene      | 21.35 | 228  | 14023    | 0.165 | ng    | 94       |
| 31) Chrysene                | 21.40 | 228  | 12866    | 0.155 | ng    | 96       |
| 33) Indeno(1,2,3-cd)pyrene  | 26.51 | 276  | 8845     | 0.090 | ng    | 99       |
| 35) Benzo(b)fluoranthene    | 23.10 | 252  | 18392    | 0.211 | ng    | # 89     |
| 36) Benzo(k)fluoranthene    | 23.14 | 252  | 6916m    | 0.082 | ng    |          |
| 37) Benzo(a)pyrene          | 23.75 | 252  | 12871    | 0.156 | ng    | # 92     |
| 38) Dibenzo(a,h)anthracene  | 26.53 | 278  | 2345     | 0.028 | ng    | # 58     |
| 39) Benzo(g,h,i)perylene    | 27.33 | 276  | 8149     | 0.097 | ng    | # 93     |

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

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