

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE050319\  
 Data File : BE099537.D  
 Acq On : 3 May 2019 19:30  
 Operator : JU/SJ  
 Sample : K2587-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-003-B173-042319

Manual Integrations  
 APPROVED

mohammad  
 5/7/2019 11:56:45 PM

Quant Time: May 04 01:57:46 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 | 7.82  | 152  | 2487     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.60 | 136  | 10040    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 7694     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 17.20 | 188  | 21791    | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 21.38 | 240  | 25614    | 0.40 | ng    | 0.01     |
| 34) Perylene-d12          | 23.89 | 264  | 30038    | 0.40 | ng    | 0.02     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.39  | 112 | 2680  | 0.39 | ng | 0.00 |
| 5) Phenol-d6                | 6.98  | 99  | 3809  | 0.42 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.96  | 82  | 3370  | 0.36 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 6243  | 0.35 | ng | 0.01 |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330 | 1988  | 0.41 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.09 | 172 | 9344  | 0.32 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.23 | 212 | 78590 | 0.27 | ng | 0.01 |
| 29) Terphenyl-d14           | 19.82 | 244 | 16292 | 0.35 | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 9) Naphthalene                 | 10.65 | 128 | 9181    | 0.084  | ng | # 97 |
| 12) 2-Methylnaphthalene        | 12.28 | 142 | 1443    | 0.076  | ng | # 91 |
| 16) Acenaphthylene             | 14.18 | 152 | 8219    | 0.218  | ng | # 98 |
| 17) Acenaphthene               | 14.53 | 154 | 1974    | 0.092  | ng | # 94 |
| 18) Fluorene                   | 15.50 | 166 | 4083    | 0.129  | ng | # 90 |
| 23) Phenanthrene               | 17.24 | 178 | 96987   | 1.725  | ng | # 99 |
| 24) Anthracene                 | 17.34 | 178 | 11713   | 0.219  | ng | # 95 |
| 26) Fluoranthene               | 19.26 | 202 | 203725  | 2.419  | ng | # 99 |
| 28) Pyrene                     | 19.62 | 202 | 208849  | 3.128  | ng | # 96 |
| 30) Benzo(a)anthracene         | 21.35 | 228 | 111428  | 1.365  | ng | # 94 |
| 31) Chrysene                   | 21.41 | 228 | 132780m | 1.663  | ng | # 94 |
| 32) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 24433   | 0.140  | ng | # 98 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.55 | 276 | 62292   | 0.660  | ng | # 95 |
| 35) Benzo(b)fluoranthene       | 23.11 | 252 | 142439  | 1.645  | ng | # 94 |
| 36) Benzo(k)fluoranthene       | 23.16 | 252 | 56832m  | 0.680  | ng | # 95 |
| 37) Benzo(a)pyrene             | 23.77 | 252 | 100969  | 1.233  | ng | # 95 |
| 38) Dibenzo(a,h)anthracene     | 26.56 | 278 | 14706   | 0.176  | ng | # 55 |
| 39) Benzo(g,h,i)perylene       | 27.37 | 276 | 60355   | 0.719  | ng | # 90 |

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

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