

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\  
 Data File : BE100347.D  
 Acq On : 4 Jul 2019 2:23  
 Operator : JU/SJ  
 Sample : K3560-15 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-009-B223-062419

Manual Integrations  
 APPROVED

mohammad  
 7/5/2019 8:55:09 AM

Quant Time: Jul 04 03:16:26 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 14:06:53 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 708      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.43 | 136  | 2415     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 1982     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.05 | 188  | 5795     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.25 | 240  | 7560     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.66 | 264  | 9155     | 0.40 | ng    | 0.00     |

#### System Monitoring Compounds

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| 4) 2-Fluorophenol           | 5.20  | 112 | 216  | 0.12 | ng | 0.00  |
| 5) Phenol-d6                | 6.83  | 99  | 285  | 0.12 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.82  | 82  | 258  | 0.11 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152 | 549  | 0.12 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.82 | 330 | 174  | 0.13 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 12.94 | 172 | 824  | 0.11 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.09 | 212 | 8226 | 0.10 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.69 | 244 | 2147 | 0.14 | ng | -0.01 |

#### Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 16) Acenaphthylene             | 14.04 | 152 | 498   | 0.052 | ng | 97     |
| 23) Phenanthrene               | 17.09 | 178 | 4914  | 0.350 | ng | 100    |
| 24) Anthracene                 | 17.19 | 178 | 578   | 0.046 | ng | # 92   |
| 26) Fluoranthene               | 19.12 | 202 | 15967 | 0.714 | ng | 100    |
| 28) Pyrene                     | 19.48 | 202 | 15492 | 0.774 | ng | 97     |
| 30) Benzo(a)anthracene         | 21.22 | 228 | 8500  | 0.342 | ng | # 93   |
| 31) Chrysene                   | 21.28 | 228 | 10075 | 0.404 | ng | # 93   |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 17021 | 0.427 | ng | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.22 | 276 | 7315  | 0.222 | ng | # 97   |
| 35) Benzo(b)fluoranthene       | 22.92 | 252 | 13088 | 0.527 | ng | 92     |
| 36) Benzo(k)fluoranthene       | 22.96 | 252 | 4476m | 0.162 | ng |        |
| 37) Benzo(a)pyrene             | 23.55 | 252 | 8210m | 0.330 | ng |        |
| 38) Dibenzo(a,h)anthracene     | 26.22 | 278 | 1774  | 0.068 | ng | # 34   |
| 39) Benzo(g,h,i)perylene       | 27.00 | 276 | 9422  | 0.353 | ng | # 92   |

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

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