

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN100219\  
 Data File : BN007977.D  
 Acq On : 02 Oct 2019 22:05  
 Operator : JU  
 Sample : K5077-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-024-B273-092519

Manual Integrations  
 APPROVED

mohammad  
 10/4/2019 8:16:50 AM

Quant Time: Oct 03 07:18:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Sep 18 18:24:40 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 5900     | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.46 | 136  | 25067    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.31 | 164  | 15775    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.06 | 188  | 33093    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.25 | 240  | 35064    | 0.40 | ng    | -0.02    |
| 34) Perylene-d12          | 23.47 | 264  | 37061    | 0.40 | ng    | -0.02    |

#### System Monitoring Compounds

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| 4) 2-Fluorophenol           | 5.31  | 112 | 4827  | 0.24 | ng | 0.00  |
| 5) Phenol-d6                | 6.87  | 99  | 6670  | 0.26 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.82  | 82  | 5550  | 0.25 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.05 | 152 | 10902 | 0.26 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.81 | 330 | 2032  | 0.24 | ng | -0.01 |
| 15) 2-Fluorobiphenyl        | 12.93 | 172 | 14609 | 0.22 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.09 | 212 | 26094 | 0.23 | ng | -0.01 |
| 29) Terphenyl-d14           | 19.69 | 244 | 21428 | 0.25 | ng | -0.02 |

#### Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 12) 2-Methylnaphthalene        | 12.13 | 142 | 1062   | 0.022 | ng | # 87   |
| 16) Acenaphthylene             | 14.02 | 152 | 16278  | 0.195 | ng | 99     |
| 17) Acenaphthene               | 14.37 | 154 | 1295   | 0.024 | ng | 99     |
| 18) Fluorene                   | 15.36 | 166 | 3805   | 0.055 | ng | # 80   |
| 23) Phenanthrene               | 17.10 | 178 | 68364  | 0.663 | ng | 100    |
| 24) Anthracene                 | 17.19 | 178 | 9930   | 0.107 | ng | 98     |
| 26) Fluoranthene               | 19.12 | 202 | 114502 | 0.893 | ng | 99     |
| 28) Pyrene                     | 19.49 | 202 | 130304 | 1.090 | ng | 97     |
| 30) Benzo(a)anthracene         | 21.24 | 228 | 54686m | 0.424 | ng |        |
| 31) Chrysene                   | 21.29 | 228 | 63122  | 0.502 | ng | 97     |
| 32) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 4684   | 0.071 | ng | # 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.67 | 276 | 33369  | 0.212 | ng | # 96   |
| 35) Benzo(b)fluoranthene       | 22.81 | 252 | 65930  | 0.512 | ng | # 93   |
| 36) Benzo(k)fluoranthene       | 22.84 | 252 | 20184m | 0.159 | ng |        |
| 37) Benzo(a)pyrene             | 23.37 | 252 | 47308  | 0.391 | ng | # 93   |
| 38) Dibenzo(a,h)anthracene     | 25.68 | 278 | 8092   | 0.065 | ng | # 61   |
| 39) Benzo(g,h,i)perylene       | 26.35 | 276 | 35942  | 0.294 | ng | 96     |

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

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