

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\  
 Data File : BN004870.D  
 Acq On : 22 Mar 2019 03:02  
 Operator : JU/SJ  
 Sample : K2013-06  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PST-026-B022-031819

Quant Time: Mar 22 04:56:02 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 20 16:06:20 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 1772     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.49 | 136  | 8180     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.33 | 164  | 5330     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.09 | 188  | 13952    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.29 | 240  | 18372    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.54 | 264  | 20337    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.29  | 112  | 1418     | 0.29 | ng    | 0.00     |
| 5) Phenol-d6                | 6.88  | 99   | 1905     | 0.32 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.87  | 82   | 1251     | 0.23 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152  | 3558     | 0.25 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.85 | 330  | 1127     | 0.31 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.96 | 172  | 5756     | 0.26 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.13 | 212  | 10981    | 0.24 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.72 | 244  | 10311    | 0.27 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 23) Phenanthrene               | 17.13 | 178  | 2969     | 0.066 | ng    | 98     |
| 26) Fluoranthene               | 19.16 | 202  | 5195     | 0.090 | ng    | 98     |
| 28) Pyrene                     | 19.52 | 202  | 5402     | 0.096 | ng    | 97     |
| 30) Benzo(a)anthracene         | 21.28 | 228  | 2503     | 0.042 | ng    | # 87   |
| 31) Chrysene                   | 21.32 | 228  | 3166     | 0.050 | ng    | # 91   |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 1764     | 0.073 | ng    | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 25.82 | 276  | 2107     | 0.023 | ng    | # 94   |
| 35) Benzo(b)fluoranthene       | 22.87 | 252  | 4159     | 0.057 | ng    | # 51   |
| 37) Benzo(a)pyrene             | 23.45 | 252  | 2826     | 0.042 | ng    | # 58   |
| 39) Benzo(a,h,i)perylene       | 26.52 | 276  | 2180     | 0.027 | ng    | # 80   |

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

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