

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\  
 Data File : BE099395.D  
 Acq On : 27 Apr 2019 1:56  
 Operator : JU/SJ  
 Sample : K2533-13  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PST-028-SW005-042219

Manual Integrations  
 APPROVED

Sohil  
 4/29/2019 1:32:00 PM

Quant Time: Apr 27 07:15:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 19 06:51:38 2019

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 3888     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.61 | 136  | 15714    | 0.40 | ng    | 0.01     |
| 13) Acenaphthene-d10      | 14.46 | 164  | 10797    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.20 | 188  | 29063    | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 21.37 | 240  | 32044    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.88 | 264  | 36870    | 0.40 | ng    | 0.02     |

#### System Monitoring Compounds

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| 4) 2-Fluorophenol           | 5.40  | 112 | 4375   | 0.46 | ng | 0.01 |
| 5) Phenol-d6                | 6.98  | 99  | 6248   | 0.46 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.98  | 82  | 5712   | 0.47 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 11035  | 0.40 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330 | 2567   | 0.72 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.09 | 172 | 16055  | 0.38 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.22 | 212 | 131202 | 0.38 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.82 | 244 | 21801  | 0.35 | ng | 0.00 |

#### Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 16) Acenaphthylene             | 14.18 | 152 | 1842   | 0.038 | ng | # 97   |
| 23) Phenanthrene               | 17.24 | 178 | 12297  | 0.160 | ng | 98     |
| 24) Anthracene                 | 17.32 | 178 | 2003   | 0.029 | ng | 97     |
| 26) Fluoranthene               | 19.25 | 202 | 42909  | 0.417 | ng | 97     |
| 28) Pyrene                     | 19.62 | 202 | 42198  | 0.447 | ng | # 96   |
| 30) Benzo(a)anthracene         | 21.35 | 228 | 30032  | 0.319 | ng | # 92   |
| 31) Chrysene                   | 21.40 | 228 | 28557  | 0.285 | ng | # 92   |
| 32) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 22541  | 0.263 | ng | 100    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.52 | 276 | 13800  | 0.139 | ng | # 87   |
| 35) Benzo(b)fluoranthene       | 23.11 | 252 | 36575  | 0.324 | ng | # 81   |
| 36) Benzo(k)fluoranthene       | 23.15 | 252 | 14340m | 0.127 | ng |        |
| 37) Benzo(a)pyrene             | 23.76 | 252 | 24236  | 0.240 | ng | # 78   |
| 39) Benzo(a,h,i)perylene       | 27.35 | 276 | 12531  | 0.120 | ng | # 77   |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\  
Data File : BE099395.D  
Acq On : 27 Apr 2019 1:56  
Operator : JU/SJ  
Sample : K2533-13  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
PST-028-SW005-042219

Manual Integrations  
APPROVED

Sohil  
4/29/2019 1:32:00 PM

Quant Time: Apr 27 07:15:37 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 19 06:51:38 2019  
Response via : Initial Calibration

