

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\  
 Data File : BE099401.D  
 Acq On : 27 Apr 2019 5:31  
 Operator : JU/SJ  
 Sample : K2533-20  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 EXT-027-SW018-042219

Manual Integrations  
 APPROVED

Sohil  
 4/29/2019 1:32:30 PM

Quant Time: Apr 29 01:47:36 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  | 3131     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.61 | 136  | 12774    | 0.40 | ng    | 0.01     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 9286     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 17.20 | 188  | 26394    | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 21.37 | 240  | 30167    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.88 | 264  | 33986    | 0.40 | ng    | 0.02     |

#### System Monitoring Compounds

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| 4) 2-Fluorophenol           | 5.40  | 112 | 3517   | 0.46 | ng | 0.01 |
| 5) Phenol-d6                | 6.98  | 99  | 4912   | 0.45 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.98  | 82  | 4468   | 0.45 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 8930   | 0.40 | ng | 0.01 |
| 14) 2,4,6-Tribromophenol    | 15.94 | 330 | 2402   | 0.78 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.09 | 172 | 13201  | 0.36 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.22 | 212 | 126041 | 0.40 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.82 | 244 | 24668  | 0.42 | ng | 0.00 |

#### Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 23) Phenanthrene               | 17.24 | 178 | 3355  | 0.048 | ng | 97     |
| 26) Fluoranthene               | 19.25 | 202 | 7584  | 0.081 | ng | 96     |
| 28) Pyrene                     | 19.62 | 202 | 7600  | 0.086 | ng | # 94   |
| 30) Benzo(a)anthracene         | 21.36 | 228 | 4500  | 0.051 | ng | # 77   |
| 31) Chrysene                   | 21.40 | 228 | 4493  | 0.048 | ng | # 74   |
| 32) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 23942 | 0.297 | ng | # 98   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.52 | 276 | 2495  | 0.027 | ng | # 80   |
| 35) Benzo(b)fluoranthene       | 23.11 | 252 | 5735  | 0.055 | ng | # 35   |
| 36) Benzo(k)fluoranthene       | 23.15 | 252 | 2248m | 0.022 | ng |        |
| 37) Benzo(a)pyrene             | 23.76 | 252 | 3837  | 0.041 | ng | # 20   |

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

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