

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051619\  
 Data File : BE099624.D  
 Acq On : 16 May 2019 15:54  
 Operator : JU/SJ  
 Sample : K2551-13DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PT-PAH-SOILDL

Quant Time: May 17 07:16:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 14 19:30:50 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 1641     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.63 | 136  | 5836     | 0.40 | ng    | 0.01     |
| 13) Acenaphthene-d10      | 14.50 | 164  | 4213     | 0.40 | ng    | 0.02     |
| 19) Phenanthrene-d10      | 17.24 | 188  | 12748    | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12          | 21.43 | 240  | 17112    | 0.40 | ng    | 0.01     |
| 34) Perylene-d12          | 23.97 | 264  | 19902    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.40  | 112 | 432   | 0.09 | ng | 0.02 |
| 5) Phenol-d6                | 6.99  | 99  | 677   | 0.11 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.99  | 82  | 379   | 0.07 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.24 | 152 | 779   | 0.08 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol    | 16.00 | 330 | 207   | 0.07 | ng | 0.01 |
| 15) 2-Fluorobiphenyl        | 13.12 | 172 | 1240  | 0.08 | ng | 0.02 |
| 25) Fluoranthene-d10        | 19.27 | 212 | 13532 | 0.08 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.87 | 244 | 3020  | 0.10 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 9) Naphthalene                 | 10.68 | 128 | 119344 | 1.922  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.31 | 142 | 4619   | 0.450  | ng | 99   |
| 16) Acenaphthylene             | 14.21 | 152 | 43690  | 2.196  | ng | 100  |
| 17) Acenaphthene               | 14.56 | 154 | 14764  | 1.315  | ng | 99   |
| 18) Fluorene                   | 15.54 | 166 | 5396   | 0.335  | ng | 99   |
| 23) Phenanthrene               | 17.28 | 178 | 50567  | 1.598  | ng | 99   |
| 24) Anthracene                 | 17.37 | 178 | 93148  | 3.191  | ng | 100  |
| 26) Fluoranthene               | 19.30 | 202 | 48057  | 1.004  | ng | 99   |
| 28) Pyrene                     | 19.67 | 202 | 31309  | 0.718  | ng | 100  |
| 30) Benzo(a)anthracene         | 21.40 | 228 | 109038 | 2.109  | ng | 99   |
| 31) Chrysene                   | 21.46 | 228 | 52964  | 0.994  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 5280   | 0.066  | ng | # 99 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.66 | 276 | 94184  | 1.421  | ng | 98   |
| 35) Benzo(b)fluoranthene       | 23.18 | 252 | 77868  | 1.399  | ng | # 95 |
| 36) Benzo(k)fluoranthene       | 23.23 | 252 | 89562  | 1.630  | ng | 97   |
| 37) Benzo(a)pyrene             | 23.85 | 252 | 69059  | 1.281  | ng | # 95 |
| 38) Dibenzo(a,h)anthracene     | 26.69 | 278 | 28881  | 0.517  | ng | 99   |
| 39) Benzo(a,h,i)perylene       | 27.50 | 276 | 52391  | 0.932  | ng | 99   |

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

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