

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\  
 Data File : BN010474.D  
 Acq On : 14 Apr 2020 12:30  
 Operator : CG/JU  
 Sample : L1798-21  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RR-PAH-WP

Quant Time: Apr 14 13:01:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 13 18:04:22 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 4872     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.37 | 136  | 20372    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.23 | 164  | 12145    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.97 | 188  | 30886    | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.18 | 240  | 29358    | 0.40 | ng    | -0.01    |
| 34) Perylene-d12          | 23.35 | 264  | 15198    | 0.40 | ng    | -0.01    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.25  | 112 | 4974  | 0.47 | ng | 0.00  |
| 5) Phenol-d6                | 6.79  | 99  | 6328  | 0.45 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.73  | 82  | 5028  | 0.35 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.96 | 152 | 11313 | 0.34 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.72 | 330 | 2348  | 0.41 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 12.85 | 172 | 17431 | 0.39 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.01 | 212 | 30441 | 0.33 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.62 | 244 | 27914 | 0.42 | ng | 0.00  |

|                            |       |     |        |        |    |      |
|----------------------------|-------|-----|--------|--------|----|------|
| Target Compounds           |       |     |        | Qvalue |    |      |
| 9) Naphthalene             | 10.41 | 128 | 201781 | 3.988  | ng | 99   |
| 16) Acenaphthylene         | 13.94 | 152 | 180054 | 3.432  | ng | 100  |
| 17) Acenaphthene           | 14.29 | 154 | 504917 | 14.977 | ng | 98   |
| 18) Fluorene               | 15.28 | 166 | 289021 | 6.546  | ng | 99   |
| 23) Phenanthrene           | 17.01 | 178 | 218968 | 2.625  | ng | 100  |
| 24) Anthracene             | 17.11 | 178 | 170147 | 2.231  | ng | 100  |
| 26) Fluoranthene           | 19.04 | 202 | 177517 | 1.710  | ng | 99   |
| 28) Pyrene                 | 19.41 | 202 | 256666 | 2.597  | ng | 100  |
| 30) Benzo(a)anthracene     | 21.17 | 228 | 141500 | 1.477  | ng | 98   |
| 31) Chrysene               | 21.21 | 228 | 307545 | 3.223  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 112257 | 1.331  | ng | 95   |
| 35) Benzo(b)fluoranthene   | 22.71 | 252 | 60937  | 1.218  | ng | 95   |
| 36) Benzo(k)fluoranthene   | 22.75 | 252 | 255121 | 5.088  | ng | # 93 |
| 37) Benzo(a)pyrene         | 23.26 | 252 | 210094 | 4.743  | ng | # 90 |
| 38) Dibenzo(a,h)anthracene | 25.51 | 278 | 154555 | 3.816  | ng | 94   |
| 39) Benzo(g,h,i)perylene   | 26.15 | 276 | 204425 | 5.015  | ng | 97   |

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

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