

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082919\  
 Data File : BN007498.D  
 Acq On : 29 Aug 2019 11:56  
 Operator : HP/JU  
 Sample : K4524-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT-013-IDWSO-20190823

Quant Time: Aug 29 12:39:49 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 29 12:18:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 6626     | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.15 | 136  | 26891    | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10      | 14.03 | 164  | 15386    | 0.40 | ng    | -0.02    |
| 19) Phenanthrene-d10      | 16.79 | 188  | 38524    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.02 | 240  | 73526    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.12 | 264  | 86975    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 4) 2-Fluorophenol           | 5.03  | 112 | 7179   | 0.31 | ng | 0.00  |
| 5) Phenol-d6                | 6.58  | 99  | 12348  | 0.42 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.53  | 82  | 7592   | 0.32 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 11.75 | 152 | 12526  | 0.28 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.54 | 330 | 6032   | 0.75 | ng | -0.02 |
| 15) 2-Fluorobiphenyl        | 12.65 | 172 | 22125  | 0.36 | ng | 0.00  |
| 25) Fluoranthene-d10        | 18.83 | 212 | 28379  | 0.23 | ng | -0.01 |
| 29) Terphenyl-d14           | 19.46 | 244 | 500557 | 2.60 | ng | 0.00  |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 22) Pentachlorophenol          | 16.46 | 266 | 564    | 0.070  | ng | # 73 |
| 23) Phenanthrene               | 16.84 | 178 | 7780   | 0.067  | ng | 98   |
| 24) Anthracene                 | 16.92 | 178 | 5236   | 0.045  | ng | 98   |
| 26) Fluoranthene               | 18.87 | 202 | 56663  | 0.381  | ng | 97   |
| 28) Pyrene                     | 19.23 | 202 | 59897  | 0.203  | ng | 98   |
| 30) Benzo(a)anthracene         | 21.00 | 228 | 100798 | 0.349  | ng | 100  |
| 31) Chrysene                   | 21.05 | 228 | 114812 | 0.412  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 20.96 | 149 | 90173  | 0.464  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.19 | 276 | 43640  | 0.130  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 22.50 | 252 | 188534 | 0.598  | ng | # 95 |
| 36) Benzo(k)fluoranthene       | 22.54 | 252 | 193753 | 0.622  | ng | # 84 |
| 37) Benzo(a)pyrene             | 23.03 | 252 | 146511 | 0.489  | ng | # 95 |
| 38) Dibenzo(a,h)anthracene     | 25.20 | 278 | 30356  | 0.101  | ng | 98   |
| 39) Benzo(g,h,i)perylene       | 25.81 | 276 | 28511  | 0.096  | ng | 97   |

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

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