

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092619\  
 Data File : BG042936.D  
 Acq On : 26 Sep 2019 13:27  
 Operator : JU  
 Sample : K4839-06DL 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PT-ACIDS-WPDL

Quant Time: Sep 26 14:24:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 25 15:35:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 48859    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 186188   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 137098   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 362119   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.71 | 240  | 407207   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.94 | 264  | 447189   | 20.00 | ng    | -0.02    |

|                             |       |     |        |       |    |      |
|-----------------------------|-------|-----|--------|-------|----|------|
| System Monitoring Compounds |       |     |        |       |    |      |
| 5) 2-Fluorophenol           | 5.65  | 112 | 86511  | 31.60 | ng | 0.00 |
| 7) Phenol-d6                | 7.24  | 99  | 127984 | 32.46 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.23  | 82  | 82454  | 21.52 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330 | 76040  | 32.25 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.32 | 172 | 226713 | 23.97 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.04 | 244 | 526058 | 27.53 | ng | 0.00 |

|                                |       |     |        |        |    |    |
|--------------------------------|-------|-----|--------|--------|----|----|
| Target Compounds               |       |     |        | Qvalue |    |    |
| 8) 2-Chlorophenol              | 7.64  | 128 | 89887  | 31.482 | ng | 89 |
| 10) Phenol                     | 7.26  | 94  | 129606 | 35.831 | ng | 94 |
| 20) 3+4-Methylphenols          | 8.84  | 107 | 72815  | 20.993 | ng | 93 |
| 26) 2-Nitrophenol              | 9.99  | 139 | 55930  | 35.958 | ng | 94 |
| 27) 2,4-Dimethylphenol         | 10.05 | 122 | 106336 | 44.516 | ng | 97 |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 103911 | 34.977 | ng | 98 |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 81924  | 25.362 | ng | 99 |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196 | 38894  | 12.891 | ng | 97 |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196 | 33846  | 10.890 | ng | 95 |
| 54) 2,4-Dinitrophenol          | 14.79 | 184 | 40387  | 29.702 | ng | 97 |
| 56) 4-Nitrophenol              | 14.91 | 139 | 40304  | 23.398 | ng | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198 | 56758  | 27.699 | ng | 96 |
| 70) Pentachlorophenol          | 17.09 | 266 | 54532  | 18.675 | ng | 99 |

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

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