

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\  
 Data File : BM012081.D  
 Acq On : 11 Oct 2017 22:46  
 Operator : SJ/JU  
 Sample : I5490-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-41(5-7)-092717

Manual Integrations  
 APPROVED

Sohil  
 10/13/2017 12:09:21 PM

Quant Time: Oct 12 04:13:48 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 12 01:21:53 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 254209   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.65 | 136  | 1102710  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.49 | 164  | 615326   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.23 | 188  | 1200633  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.41 | 240  | 1033551  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.73 | 264  | 1134710  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 33383m  | 6.21  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.00  | 99  | 655631  | 29.98 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.17  | 67  | 417027  | 32.22 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.37  | 132 | 577603  | 32.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.55  | 113 | 577749  | 30.56 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 280284  | 35.69 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.73  | 143 | 329872  | 37.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.26 | 165 | 593468  | 33.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.78 | 131 | 707292  | 36.26 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.89 | 166 | 1937662 | 36.33 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.18 | 160 | 2305992 | 36.80 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.70 | 143 | 191201  | 20.52 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.48 | 176 | 1547363 | 32.88 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 131838  | 16.32 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.33 | 188 | 2076092 | 35.09 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.63 | 212 | 2057618 | 44.14 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.58 | 264 | 1948918 | 35.70 | ng/ul | 0.00 |

## Target Compounds

|                          |       |     |        | Ovalue |           |
|--------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                | 7.03  | 94  | 34054  | 1.573  | ng/ul 95  |
| 44) Dimethylphthalate    | 13.94 | 163 | 705646 | 13.754 | ng/ul 100 |
| 74) Fluoranthene         | 19.29 | 202 | 151039 | 1.874  | ng/ul# 91 |
| 77) Pyrene               | 19.65 | 202 | 159915 | 2.790  | ng/ul# 91 |
| 80) Benzo(a)anthracene   | 21.39 | 228 | 108470 | 1.832  | ng/ul# 90 |
| 82) Chrysene             | 21.44 | 228 | 108161 | 1.923  | ng/ul# 96 |
| 85) Benzo(b)fluoranthene | 23.03 | 252 | 145802 | 2.114  | ng/ul# 87 |
| 88) Benzo(a)pyrene       | 23.63 | 252 | 98346  | 1.484  | ng/ul# 87 |

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

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