

Data File : BM013471.D  
Acq On : 16 Dec 2017 10:35  
Operator : SJ/JU  
Sample : I6799-10  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Dec 18 02:44:33 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 16 00:23:08 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 313194   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1359225  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 785092   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 1718976  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 1343594  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 1103538  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 22833   | 3.61  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 540275  | 19.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 353361  | 22.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 483593  | 22.84 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 357593  | 15.45 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 266238  | 24.70 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 289243  | 25.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 499000  | 20.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 404866  | 18.53 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 1593901 | 22.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.01 | 160 | 2071837 | 24.03 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.54 | 143 | 149717  | 12.33 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.32 | 176 | 1384866 | 23.05 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 103673  | 9.59  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.17 | 188 | 2038798 | 23.68 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 2062285 | 30.81 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 1381648 | 24.58 | ng/ul | 0.00 |

Target Compounds

|                            |       |     |        |      |        | Qvalue |
|----------------------------|-------|-----|--------|------|--------|--------|
| 44) Dimethylphthalate      | 13.78 | 163 | 266299 | 3.99 | ng/ul# | 96     |
| 74) Fluoranthene           | 19.13 | 202 | 218903 | 1.83 | ng/ul# | 94     |
| 77) Pyrene                 | 19.49 | 202 | 224703 | 2.75 | ng/ul# | 89     |
| 80) Benzo(a)anthracene     | 21.24 | 228 | 92644m | 1.09 | ng/ul  |        |
| 82) Chrysene               | 21.29 | 228 | 107856 | 1.36 | ng/ul  | 99     |
| 85) Benzo(b)fluoranthene   | 22.81 | 252 | 135925 | 1.83 | ng/ul# | 91     |
| 88) Benzo(a)pyrene         | 23.39 | 252 | 91946  | 1.38 | ng/ul# | 91     |
| 89) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 76684m | 1.16 | ng/ul  |        |
| 91) Benzo(g,h,i)perylene   | 26.39 | 276 | 68726  | 1.31 | ng/ul# | 92     |

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

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