Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013499.D
Acq On : 18 Dec 2017 15:24
Operator : SJ/JU
Sample : I6776-03MEDL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Dec 19 01:30:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 196502 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 863265 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 484667 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 1042570 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 770001 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.48 | 264 | 652433 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 1039 | 0.26 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.86 | 99 | 29358 | 1.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.02 | 67 | 17284 | 1.78 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.21 | 132 | 21825 | 1.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 22526 | 1.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 12908 | 1.89 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 12465 | 1.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 24857m | 1.65 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.61 | 131 | 21015m | 1.51 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 80569 | 1.87 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.01 | 160 | 103665 | 1.95 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.57 | 143 | 4952 | 0.66 | ng/ul | 0.04 |
| 57) Fluorene-d10 | 15.31 | 176 | 64565 | 1.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 3902 | 0.59 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.16 | 188 | 106674 | 2.04 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.46 | 212 | 99671 | 2.60 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.34 | 264 | 68479 | 2.06 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 74) Fluoranthene | 19.13 | 202 | 1569223 | 21.619 | ng/ul# | 92 |
| 77) Pyrene | 19.49 | 202 | 2097806 | 44.844 | ng/ul# | 91 |
| 80) Benzo(a)anthracene | 21.24 | 228 | 332317 | 6.802 | ng/ul | 98 |
| 82) Chrysene | 21.29 | 228 | 502904 | 11.096 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.82 | 252 | 251583 | 5.720 | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene | 22.86 | 252 | 78597 | 1.899 | ng/ul# | 96 |
| 88) Benzo(a)pyrene | 23.39 | 252 | 85015 | 2.152 | ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 44792 | 1.143 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 26.39 | 276 | 31140m | 1.007 | ng/ul | |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013499.D
Acq On : 18 Dec 2017 15:24
Operator : SJ/JU
Sample : I6776-03MEDL 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

Quant Time: Dec 19 01:30:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration