Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54C4

Manual Integrations APPROVED
mohammad
12/17/2020 9:51:52 AM

Quant Time: Dec 15 00:47:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 438463 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.63 | 136 | 1862473 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.49 | 164 | 1165761 | 20.00 | ng/ul | 0.01 |
| 62) Phenanthrene-d10 | 17.25 | 188 | 2517193 | 20.00 | ng/ul | 0.02 |
| 78) Chrysene-d12 | 21.35 | 240 | 2386753 | 20.00 | ng/ul | 0.02 |
| 86) Perylene-d12 | 23.71 | 264 | 2704837 | 20.00 | ng/ul | 0.04 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.33 | 96 | 22166 | 1.78 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.00 | 99 | 433239 | 11.94 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.17 | 67 | 255357 | 11.28 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.37 | 132 | 371796 | 13.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.54 | 113 | 328079 | 11.97 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.99 | 128 | 193908 | 12.71 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.72 | 143 | 208146 | 16.54 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.26 | 165 | 383735 | 13.87 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.77 | 131 | 465959 | 13.59 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 13.89 | 166 | 1183046 | 13.28 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8 | 14.18 | 160 | 1546789 | 13.60 | ng/ul | 0.02 |
| 52) 4-Nitrophenol-d4 | 14.69 | 143 | 151608 | 10.07 | ng/ul | 0.03 |
| 58) Fluorene-d10 | 15.49 | 176 | 1045953 | 12.96 | ng/ul | 0.02 |
| 63) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 46574 | 3.86 | ng/ul | 0.03 |
| 71) Anthracene-d10 | 17.35 | 188 | 1650989 | 13.46 | ng/ul | 0.02 |
| 79) Pyrene-d10 | 19.59 | 212 | 1898657 | 15.27 | ng/ul | 0.02 |
| 90) Benzo(a)pyrene-d12 | 23.56 | 264 | 2061551 | 14.47 | ng/ul | 0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.03 | 94 | 87124 | 2.301 | ng/ul | 97 |
| 45) Dimethylphthalate | 13.94 | 163 | 181983 | 2.005 | ng/ul | 100 |
| 50) Acenaphthene | 14.55 | 153 | 176559 | 2.210 | ng/ul | 98 |
| 54) Dibenzofuran | 14.89 | 168 | 174506 | 1.550 | ng/ul | 98 |
| 59) Fluorene | 15.54 | 166 | 206192 | 2.290 | ng/ul | 99 |
| 70) Phenanthrene | 17.29 | 178 | 3772840 | 25.406 | ng/ul | 99 |
| 72) Anthracene | 17.38 | 178 | 812688 | 5.531 | ng/ul | 99 |
| 75) Carbazole | 17.65 | 167 | 416173 | 3.481 | ng/ul | 100 |
| 77) Fluoranthene | 19.27 | 202 | 5432769 | 34.261 | ng/ul | 96 |
| 80) Pyrene | 19.62 | 202 | 4840159 | 30.063 | ng/ul | 96 |
| 83) Benzo(a)anthracene | 21.33 | 228 | 2440027 | 15.509 | ng/ul | 97 |
| 85) Chrysene | 21.38 | 228 | 2235217 | 14.483 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 23.00 | 252 | 2878584 | 16.782 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 23.04 | 252 | 871289m | 4.946 | ng/ul | |
| 91) Benzo(a)pyrene | 23.61 | 252 | 2148035 | 13.420 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 26.15 | 276 | 1444041 | 7.194 | ng/ul# | 95 |
| 93) Dibenzo(a,h)anthracene | 26.15 | 278 | 364752 | 2.168 | ng/ul# | 92 |
| 94) Benzo(g,h,i)perylene | 26.89 | 276 | 1100473 | 6.535 | ng/ul | 95 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004281.D
Acq On : 14 Dec 2020 19:10
Operator : CG/JU
Sample : L5001-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 15 00:47:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A54C4

**Manual Integrations APPROVED**
mohammad
12/17/2020 9:51:52 AM