Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004297.D
Acq On : 15 Dec 2020 10:42
Operator : CG/JU
Sample : L5001-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** A54K6

Quant Time: Dec 15 11:12:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 278842 | 20.00 | ng/ul | 0.01 |
| 18) Naphthalene-d8 | 10.65 | 136 | 1192513 | 20.00 | ng/ul | 0.01 |
| 36) Acenaphthene-d10 | 14.49 | 164 | 737247 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.26 | 188 | 1583771 | 20.00 | ng/ul | 0.01 |
| 78) Chrysene-d12 | 21.34 | 240 | 1547769 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.72 | 264 | 1666376 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.33 | 96 | 30413 | 3.83 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.01 | 99 | 775630 | 33.62 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.18 | 67 | 416182 | 28.90 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.38 | 132 | 604115 | 34.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.55 | 113 | 606704 | 34.81 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 9.00 | 128 | 309929 | 31.73 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.72 | 143 | 337565 | 41.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.26 | 165 | 655738 | 37.02 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.77 | 131 | 813677 | 37.06 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 13.90 | 166 | 1941200 | 34.45 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.19 | 160 | 2411098 | 33.53 | ng/ul | 0.01 |
| 52) 4-Nitrophenol-d4 | 14.69 | 143 | 344087 | 36.15 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.49 | 176 | 1665888 | 32.64 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 188966 | 24.87 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.36 | 188 | 2747948 | 35.60 | ng/ul | 0.01 |
| 79) Pyrene-d10 | 19.60 | 212 | 3133505 | 38.86 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12 | 23.57 | 264 | 3296524 | 37.55 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 129292 | 15.674 | ng/uL | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.27 | 93 | 803971 | 40.494 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.41 | 128 | 752038 | 40.975 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.38 | 45 | 712461 | 30.020 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.65 | 70 | 313455 | 23.479 | ng/ul | 97 |
| 17) Hexachloroethane | 8.92 | 117 | 196778 | 23.345 | ng/ul | 95 |
| 20) Nitrobenzene | 9.05 | 77 | 762949 | 31.637 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 10.05 | 93 | 765361 | 27.603 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.29 | 162 | 673777 | 37.489 | ng/ul | 99 |
| 28) Naphthalene | 10.69 | 128 | 1624105 | 24.023 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.98 | 225 | 266945 | 19.227 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.68 | 216 | 349638 | 13.021 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.66 | 237 | 256151 | 16.626 | ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.92 | 196 | 775314 | 59.827 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.99 | 196 | 517141 | 35.690 | ng/ul | 97 |
| 42) 2-Chloronaphthalene | 13.36 | 162 | 1303876 | 26.450 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.95 | 163 | 2074761 | 36.150 | ng/ul | 100 |
| 46) 2,6-Dinitrotoluene | 14.07 | 165 | 239558 | 22.415 | ng/ul | 91 |
| 48) Acenaphthylene | 14.22 | 152 | 1709890 | 23.958 | ng/ul | 100 |
| 50) Acenaphthene | 14.56 | 153 | 1013511 | 20.056 | ng/ul | 98 |
| 54) Dibenzofuran | 14.89 | 168 | 1631068 | 22.908 | ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.86 | 165 | 276944 | 18.259 | ng/ul | 98 |
| 57) Diethylphthalate | 15.32 | 149 | 1509318 | 28.019 | ng/ul | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 59) Fluorene | 15.55 | 166 | 1373939 | 24.126 ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.54 | 204 | 425589 | 14.096 ng/ul | 97 |
| 66) 4-Bromophenyl-phenylether | 16.44 | 248 | 434662 | 23.599 ng/ul | 99 |
| 67) Hexachlorobenzene | 16.56 | 284 | 356246 | 16.133 ng/ul | 97 |
| 69) Pentachlorophenol | 16.90 | 266 | 424901 | 41.832 ng/ul | 98 |
| 72) Anthracene | 17.39 | 178 | 3540135 | 38.296 ng/ul | 100 |
| 75) Carbazole | 17.66 | 167 | 2700619 | 35.900 ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.22 | 149 | 2970897 | 37.067 ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.50 | 149 | 1521593 | 52.803 ng/ul | 96 |
| 83) Benzo(a)anthracene | 21.33 | 228 | 3118277 | 30.565 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 1353676 | 29.008 ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.17 | 149 | 4299487 | 54.539 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.00 | 252 | 1632206 | 15.445 ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 23.04 | 252 | 4345844 | 40.043 ng/ul | 100 |
| 94) Benzo(g,h,i)perylene | 26.90 | 276 | 2693067 | 25.957 ng/ul | 96 |

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

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