Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014960.D
Acq On : 04 May 2023 19:27
Operator : CG/JU
Sample : 02447-11 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EW917

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

Quant Time: May 05 00:29:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.164 | 152 | 285828 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.999 | 136 | 1048490 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.810 | 164 | 578031 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.563 | 188 | 1254518 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.645 | 240 | 1247685 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.245 | 264 | 1494650 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.464 | 96 | 1858 | 0.242 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.311 | 99 | 22588 | 0.912 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.481 | 67 | 15424 | 1.007 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.687 | 132 | 19099 | 1.048 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.875 | 113 | 15486 | 0.811 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.340 | 128 | 7245 | 0.972 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.069 | 143 | 7341 | 0.959 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.616 | 165 | 13279 | 0.883 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.140 | 131 | 6798 | 0.313 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.210 | 166 | 50373 | 1.231 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.504 | 160 | 55993 | 1.141 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.998 | 143 | 1958m | 0.275 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.798 | 176 | 44726 | 1.271 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.916 | 200 | 2010 | 0.285 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.663 | 188 | 72228 | 1.281 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.881 | 212 | 92895 | 1.104 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.074 | 264 | 95200 | 1.307 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 8) Phenol | 7.340 | 94 | 34362 | 1.321 | ng/ul | 97 |
| 50) Acenaphthylene | 14.534 | 152 | 307582 | 5.530 | ng/ul | 99 |
| 52) Acenaphthene | 14.869 | 153 | 67878 | 1.763 | ng/ul | 97 |
| 56) Dibenzofuran | 15.204 | 168 | 76926 | 1.481 | ng/ul | 99 |
| 61) Fluorene | 15.857 | 166 | 132227 | 3.227 | ng/ul | 99 |
| 72) Phenanthrene | 17.610 | 178 | 2568781 | 37.064 | ng/ul | 100 |
| 74) Anthracene | 17.698 | 178 | 634476 | 9.195 | ng/ul | 99 |
| 77) Carbazole | 17.957 | 167 | 126140 | 2.173 | ng/ul | 100 |
| 80) Fluoranthene | 19.557 | 202 | 5416679 | 52.457 | ng/ul | 99 |
| 82) Pyrene | 19.910 | 202 | 4746236 | 43.384 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.628 | 228 | 2689731 | 32.298 | ng/ul | 99 |
| 87) Chrysene | 21.686 | 228 | 2600987 | 31.018 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.445 | 252 | 3520240 | 36.443 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.492 | 252 | 1073352m | 10.918 | ng/ul | |
| 93) Benzo(a)pyrene | 24.127 | 252 | 2328457 | 27.486 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.998 | 276 | 1699396 | 16.445 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 27.004 | 278 | 470115m | 5.551 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 27.851 | 276 | 1469080 | 16.704 | ng/ul | 97 |

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

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