Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015927.D
Acq On : 02 Jul 2023 16:52
Operator : MA/JU
Sample : 03243-22
Misc :
ALS Vial : 95 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCGE2

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 04:35:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.052 | 152 | 245609 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.875 | 136 | 1069982 | 20.000 | ng/ul | # 0.00 |
| 38) Acenaphthene-d10 | 14.698 | 164 | 605496 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.463 | 188 | 1110932 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.551 | 240 | 705454 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.092 | 264 | 844455 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.370 | 96 | 27803 | 4.073 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.828 | 84 | 174080 | 10.116 | ng/ul | 0.01 |
| 7) Phenol-d5 | 7.240 | 99 | 517419 | 24.622 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.375 | 67 | 341446 | 26.262 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.581 | 132 | 420131 | 26.484 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.793 | 113 | 411451 | 24.784 | ng/ul | 0.01 |
| 21) Nitrobenzene-d5 | 9.240 | 128 | 206881 | 25.300 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.975 | 143 | 225939 | 23.674 | ng/ul | 0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.546 | 165 | 388440 | 22.840 | ng/ul | 0.04 |
| 31) 4-Chloroaniline-d4 | 11.057 | 131 | 339520 | 15.541 | ng/ul | 0.03 |
| 46) Dimethylphthalate-d6 | 14.110 | 166 | 1260460 | 26.933 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.392 | 160 | 1422159 | 27.032 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 15.004 | 143 | 117064m | 18.955 | ng/ul | 0.05 |
| 60) Fluorene-d10 | 15.698 | 176 | 1018651 | 26.434 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200 | 94860 | 13.884 | ng/ul | 0.02 |
| 73) Anthracene-d10 | 17.563 | 188 | 1348761 | 26.579 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.786 | 212 | 1268195 | 27.531 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.927 | 264 | 1173113 | 27.539 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 50) Acenaphthylene | 14.428 | 152 | 59587 | 1.028 | ng/ul | 99 |
| 72) Phenanthrene | 17.504 | 178 | 514938 | 8.532 | ng/ul | 100 |
| 74) Anthracene | 17.604 | 178 | 128289m | 2.115 | ng/ul | |
| 80) Fluoranthene | 19.463 | 202 | 1209697 | 21.130 | ng/ul# | 94 |
| 82) Pyrene | 19.816 | 202 | 929795 | 15.922 | ng/ul# | 89 |
| 85) Benzo(a)anthracene | 21.533 | 228 | 536304 | 10.807 | ng/ul | 98 |
| 87) Chrysene | 21.592 | 228 | 561640 | 11.929 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.310 | 252 | 871268 | 16.057 | ng/ul# | 95 |
| 91) Benzo(k)fluoranthene | 23.357 | 252 | 281751m | 5.139 | ng/ul | |
| 93) Benzo(a)pyrene | 23.980 | 252 | 536296 | 11.311 | ng/ul# | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 26.792 | 276 | 429238 | 6.669 | ng/ul | 95 |
| 95) Dibenzo(a,h)anthracene | 26.792 | 278 | 118792 | 2.247 | ng/ul# | 76 |
| 96) Benzo(g,h,i)perylene | 27.633 | 276 | 385419 | 7.279 | ng/ul# | 93 |

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

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