Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059632.D
Acq On : 4 Nov 2023 22:03
Operator : MA/JU
Sample : 05060-11DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCKG9DL

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/08/2023

Quant Time: Nov 06 04:09:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 02:46:50 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.353 | 152 | 39560 | 20.000 | ng/ul | # 0.00 |
| 20) Naphthalene-d8 | 11.203 | 136 | 199921 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.980 | 164 | 137737 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.730 | 188 | 281598 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 22.066 | 240 | 292015 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.668 | 264 | 338963 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 7.466 | 99 | 11243m | 2.780 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.671 | 67 | 4222 | 1.952 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.865 | 132 | 7727 | 2.813 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 9.034 | 113 | 6658 | 2.011 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.552 | 128 | 4916m | 3.362 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.274 | 143 | 4359m | 2.470 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.797 | 165 | 9990 | 3.187 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.338 | 131 | 4270 | 0.866 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.375 | 166 | 37302 | 3.374 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.687 | 160 | 43841 | 3.326 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.968 | 176 | 29397 | 2.825 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 0.000 | 200 | 0d | 0.000 | ng/ul | |
| 73) Anthracene-d10 | 17.830 | 188 | 44754 | 3.037 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 20.104 | 212 | 45915 | 2.457 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 25.415 | 264 | 61649m | 3.107 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 52) Acenaphthene | 15.045 | 153 | 86512 | 8.823 | ng/ul | 95 |
| 61) Fluorene | 16.020 | 166 | 59231 | 5.186 | ng/ul# | 93 |
| 72) Phenanthrene | 17.777 | 178 | 431889 | 26.182 | ng/ul | 97 |
| 74) Anthracene | 17.865 | 178 | 165092 | 9.474 | ng/ul | 97 |
| 80) Fluoranthene | 19.769 | 202 | 752360 | 32.835 | ng/ul# | 93 |
| 82) Pyrene | 20.133 | 202 | 583288 | 25.295 | ng/ul# | 94 |
| 85) Benzo(a)anthracene | 22.043 | 228 | 217126 | 9.485 | ng/ul | 99 |
| 87) Chrysene | 22.119 | 228 | 253198 | 12.182 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 24.505 | 252 | 240065m | 10.400 | ng/ul | |
| 91) Benzo(k)fluoranthene | 24.569 | 252 | 99865m | 4.241 | ng/ul | |
| 93) Benzo(a)pyrene | 25.486 | 252 | 103947m | 4.658 | ng/ul | |
| 94) Indeno(1,2,3-cd)pyrene | 29.822 | 276 | 97346m | 3.411 | ng/ul | |
| 96) Benzo(g,h,i)perylene | 31.167 | 276 | 93850m | 4.189 | ng/ul | |

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

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