Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061536.D
Acq On : 7 Jun 2024 16:53
Operator : MA/JU
Sample : P2591-11MEDL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBQ2MEDL

Quant Time: Jun 07 23:20:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.868 | 152 | 27650 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.670 | 136 | 115216 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.513 | 164 | 91312 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.268 | 188 | 210152 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.528 | 240 | 221598 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.636 | 264 | 258757 | 20.000 | ng/ul | 0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.743 | 84 | 2514m | 1.430 | ng/ul | -0.03 |
| 7) Phenol-d5 | 7.063 | 99 | 11558 | 5.090 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.198 | 67 | 6644 | 4.655 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.415 | 132 | 9112 | 5.422 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.602 | 113 | 9826 | 5.075 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.031 | 128 | 4634 | 5.224 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.754 | 143 | 5468 | 5.267 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.312 | 165 | 11882 | 5.871 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.811 | 131 | 12139 | 4.584 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.919 | 166 | 40262 | 5.685 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.207 | 160 | 43654 | 5.929 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.777 | 143 | 2686 | 3.068 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.506 | 176 | 36451 | 5.962 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 0.000 | 200 | 0d | 0.000 | ng/ul | |
| 73) Anthracene-d10 | 17.368 | 188 | 59273m | 6.398 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.660 | 212 | 63785 | 5.606 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.413 | 264 | 56545 | 4.545 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.717 | 128 | 8159 | 1.342 | ng/ul# | 92 |
| 52) Acenaphthene | 14.577 | 153 | 6908 | 1.290 | ng/ul | 90 |
| 56) Dibenzofuran | 14.912 | 168 | 12336 | 1.611 | ng/ul | 96 |
| 61) Fluorene | 15.564 | 166 | 9766 | 1.474 | ng/ul | 97 |
| 72) Phenanthrene | 17.310 | 178 | 237247 | 23.260 | ng/ul | 99 |
| 74) Anthracene | 17.404 | 178 | 49279 | 4.673 | ng/ul | 98 |
| 77) Carbazole | 17.674 | 167 | 25472 | 2.969 | ng/ul | 97 |
| 80) Fluoranthene | 19.331 | 202 | 383406 | 28.089 | ng/ul | 99 |
| 82) Pyrene | 19.695 | 202 | 247818 | 17.491 | ng/ul# | 97 |
| 85) Benzo(a)anthracene | 21.510 | 228 | 192562 | 12.594 | ng/ul | 97 |
| 87) Chrysene | 21.575 | 228 | 160209 | 11.379 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.655 | 252 | 199067 | 12.921 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.714 | 252 | 87241m | 5.578 | ng/ul | |
| 93) Benzo(a)pyrene | 24.483 | 252 | 82559 | 5.643 | ng/ul# | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 28.150 | 276 | 67512m | 3.816 | ng/ul | |
| 95) Dibenzo(a,h)anthracene | 28.185 | 278 | 25999m | 1.782 | ng/ul | |

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

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**Instrument :**
BNA_G
**ClientSampleId :**
BHBQ2MEDL

Quant Time: Jun 07 23:20:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration