Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014792.D
Acq On : 21 Apr 2023 16:22
Operator : CG/JU
Sample : 02296-19DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBM8DL

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

Quant Time: Apr 21 17:59:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.152 | 152 | 297104 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.981 | 136 | 1238450 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.781 | 164 | 735482 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.528 | 188 | 1470148 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.598 | 240 | 1124499 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.168 | 264 | 1231787 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.487 | 96 | 1958 | 0.262 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.946 | 84 | 11241m | 0.552 | ng/ul | 0.03 |
| 7) Phenol-d5 | 7.287 | 99 | 18618 | 0.725 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.463 | 67 | 55372 | 3.494 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.675 | 132 | 46219 | 2.423 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.846 | 113 | 34001 | 1.698 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.316 | 128 | 26823 | 3.456 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.046 | 143 | 21027 | 3.000 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.587 | 165 | 53045 | 2.787 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.104 | 131 | 23127 | 0.796 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.175 | 166 | 209362 | 3.595 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.475 | 160 | 217651 | 3.225 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.945 | 143 | 3805 | 0.411 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.769 | 176 | 178029 | 3.563 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.869 | 200 | 10412 | 1.750 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.628 | 188 | 264487 | 3.724 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.839 | 212 | 264277 | 4.103 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.998 | 264 | 213161 | 3.339 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 26) 2,4-Dimethylphenol | 10.128 | 107 | 42449m | 1.829 | ng/ul | |
| 30) Naphthalene | 11.040 | 128 | 15193905 | 218.907 | ng/ul | 98 |
| 36) 2-Methylnaphthalene | 12.622 | 142 | 1175411 | 25.367 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.840 | 142 | 789955 | 17.197 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.616 | 154 | 258521 | 4.335 | ng/ul | 99 |
| 52) Acenaphthene | 14.845 | 153 | 962327 | 19.296 | ng/ul | 99 |
| 56) Dibenzofuran | 15.175 | 168 | 935983 | 13.335 | ng/ul | 98 |
| 61) Fluorene | 15.822 | 166 | 319302 | 5.573 | ng/ul | 99 |
| 72) Phenanthrene | 17.569 | 178 | 638432 | 7.705 | ng/ul | 99 |
| 77) Carbazole | 17.922 | 167 | 448518 | 6.082 | ng/ul | 99 |

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

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