Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022494.D
Acq On : 20 Oct 2024 03:48
Operator : RC/JU
Sample : P4361-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EOAY9

Quant Time: Oct 21 03:26:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.658 | 152 | 119167 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.416 | 136 | 503604 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.275 | 164 | 429172 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.087 | 188 | 1041307 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.498 | 240 | 930260 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.757 | 264 | 915072 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.193 | 96 | 8263 | 2.695 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.605 | 84 | 115023 | 13.663 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.852 | 99 | 169175 | 16.865 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.005 | 67 | 101408 | 17.200 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.205 | 132 | 123720 | 17.382 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.363 | 113 | 154617 | 19.314 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.799 | 128 | 66946 | 17.289 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.510 | 143 | 82514 | 18.406 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.052 | 165 | 177242 | 18.602 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.557 | 131 | 200458 | 17.805 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.687 | 166 | 676798 | 19.848 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.963 | 160 | 682888 | 18.856 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.498 | 143 | 66459m | 11.618 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.287 | 176 | 585346 | 19.791 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200 | 75598 | 11.039 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.175 | 188 | 983123 | 20.070 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.557 | 212 | 1181851 | 24.024 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.533 | 264 | 1015070 | 20.771 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 17.122 | 178 | 78914 | 1.416 | ng/ul | 98 |
| 80) Fluoranthene | 19.210 | 202 | 170313 | 3.012 | ng/ul | 99 |
| 82) Pyrene | 19.586 | 202 | 141971 | 2.342 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.480 | 228 | 71118 | 1.091 | ng/ul | 98 |
| 87) Chrysene | 21.545 | 228 | 79368 | 1.313 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.727 | 252 | 107275 | 1.862 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.604 | 252 | 63725 | 1.202 | ng/ul | 98 |

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

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