

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\  
 Data File : BP001376.D  
 Acq On : 23 Dec 2019 19:38  
 Operator : JU  
 Sample : K6401-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0B37

Manual Integrations  
 APPROVED

mohammad  
 12/24/2019 3:05:29 PM

Quant Time: Dec 24 10:12:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 20 03:20:39 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.42  | 152  | 76760m   | 20.00   | ng    | 0.12     |
| 21) Naphthalene-d8             | 10.39 | 136  | 175980m  | 20.00   | ng    | 0.05     |
| 39) Acenaphthene-d10           | 13.20 | 164  | 95973    | 20.00   | ng    | 0.00     |
| 64) Phenanthrene-d10           | 15.61 | 188  | 185496   | 20.00   | ng    | 0.01     |
| 76) Chrysene-d12               | 19.26 | 240  | 159317   | 20.00   | ng    | 0.02     |
| 87) Perylene-d12               | 21.07 | 264  | 172687   | 20.00   | ng    | 0.05     |
| System Monitoring Compounds    |       |      |          |         |       |          |
| 5) 2-Fluorophenol              | 6.30  | 112  | 338319   | 71.23   | ng    | 0.11     |
| 7) Phenol-d6                   | 7.80  | 99   | 989649m  | 159.69  | ng    | 0.05     |
| 23) Nitrobenzene-d5            | 9.25  | 82   | 297862   | 65.00   | ng    | 0.06     |
| 42) 2,4,6-Tribromophenol       | 14.50 | 330  | 104981   | 87.49   | ng    | 0.01     |
| 45) 2-Fluorobiphenyl           | 12.12 | 172  | 450451   | 59.35   | ng    | 0.00     |
| 79) Terphenyl-d14              | 17.90 | 244  | 547128   | 58.82   | ng    | 0.02     |
| Target Compounds               |       |      |          |         |       |          |
| 12) 1,3-Dichlorobenzene        | 8.35  | 146  | 68237m   | 11.473  | ng    | Qvalue   |
| 13) 1,4-Dichlorobenzene        | 8.45  | 146  | 117629m  | 19.413  | ng    |          |
| 14) 1,2-Dichlorobenzene        | 8.68  | 146  | 216729   | 37.545  | ng    | # 16     |
| 27) 2,4-Dimethylphenol         | 9.86  | 122  | 63723    | 26.938  | ng    | 97       |
| 31) Naphthalene                | 10.43 | 128  | 1360025  | 141.578 | ng    | 98       |
| 37) 2-Methylnaphthalene        | 11.52 | 142  | 81164    | 12.239  | ng    | 99       |
| 38) 1-Methylnaphthalene        | 11.67 | 142  | 38387    | 6.157   | ng    | # 99     |
| 50) Dimethylphthalate          | 12.79 | 163  | 95624    | 12.145  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 19.30 | 149  | 93709    | 11.074  | ng    | 91       |

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

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