

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_P\DATA\BP121820\  
 Data File : BP004381.D  
 Acq On : 19 Dec 2020 05:18  
 Operator : CG/JU  
 Sample : L5128-15  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CB8E2

Manual Integrations  
 APPROVED

mohammad  
 12/21/2020 10:43:14 AM

Quant Time: Dec 19 06:35:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121820MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 19 05:58:09 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 285081   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 1194765  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.47 | 164  | 741256   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.23 | 188  | 1620359  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.32 | 240  | 1705831  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.68 | 264  | 1842548  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96  | 24570   | 3.58  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 93713   | 3.79  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 206917  | 14.91 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 251838  | 12.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 169986  | 8.62  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.98  | 128 | 153736  | 14.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 172518  | 15.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.24 | 165 | 324201  | 15.50 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 344594  | 14.53 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.88 | 166 | 1036894 | 17.48 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.16 | 160 | 1204199 | 16.34 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.68 | 143 | 33962   | 3.17  | ng/ul | 0.01 |
| 58) Fluorene-d10               | 15.47 | 176 | 839871  | 16.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 91923   | 8.79  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.33 | 188 | 1343748 | 16.79 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.57 | 212 | 1592647 | 17.48 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.53 | 264 | 1687726 | 16.63 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |         |        | Ovalue    |
|-------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane          | 3.35  | 88  | 21300   | 3.041  | ng/uL 97  |
| 6) Phenol               | 7.02  | 94  | 53427   | 2.146  | ng/ul 98  |
| 28) Naphthalene         | 10.67 | 128 | 674537  | 10.049 | ng/ul 100 |
| 34) 2-Methylnaphthalene | 12.29 | 142 | 122819  | 2.653  | ng/ul 99  |
| 45) Dimethylphthalate   | 13.92 | 163 | 195584  | 3.290  | ng/ul 97  |
| 50) Acenaphthene        | 14.53 | 153 | 402705  | 7.985  | ng/ul 99  |
| 54) Dibenzofuran        | 14.87 | 168 | 267742  | 3.770  | ng/ul 99  |
| 59) Fluorene            | 15.53 | 166 | 321140  | 5.581  | ng/ul 97  |
| 70) Phenanthrene        | 17.27 | 178 | 718332  | 7.634  | ng/ul 100 |
| 72) Anthracene          | 17.36 | 178 | 111638m | 1.185  | ng/ul     |
| 75) Carbazole           | 17.64 | 167 | 528435  | 6.782  | ng/ul 99  |
| 77) Fluoranthene        | 19.25 | 202 | 184578  | 1.729  | ng/ul 99  |
| 80) Pyrene              | 19.60 | 202 | 119812  | 1.031  | ng/ul 99  |

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

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