

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX111518\  
 Data File : VX006023.D  
 Acq On : 15 Nov 2018 16:40  
 Operator : JC/MD  
 Sample : J5860-14ME  
 Misc : 4.88g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP2-SB-105(0-4)ME

Quant Time: Nov 16 09:59:32 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 141585   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 197253   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 169467   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 86799    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 77664    | 47.71 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.42%  |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 61484    | 45.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.66%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 236804   | 53.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.18% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 84299    | 52.57 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.14% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 16) Acetone                | 2.51  | 43   | 7644m    | 8.72   | ug/l   |        |
| 25) 2-Butanone             | 4.78  | 43   | 6673     | 4.84   | ug/l   | 93     |
| 31) Cyclohexane            | 5.57  | 56   | 32247    | 14.22  | ug/l # | 60     |
| 39) Methylcyclohexane      | 7.45  | 83   | 50238    | 26.07  | ug/l   | 92     |
| 40) Benzene                | 6.13  | 78   | 21372    | 3.86   | ug/l   | 100    |
| 52) Toluene                | 8.79  | 92   | 15029    | 4.85   | ug/l   | 97     |
| 67) Ethyl Benzene          | 10.26 | 91   | 361342   | 66.38  | ug/l   | 99     |
| 68) m/p-Xylenes            | 10.37 | 106  | 57176    | 27.53  | ug/l   | 99     |
| 69) o-Xylene               | 10.70 | 106  | 15845    | 8.51   | ug/l   | 98     |
| 73) Isopropylbenzene       | 11.02 | 105  | 64635    | 12.88  | ug/l   | 99     |
| 78) n-propylbenzene        | 11.36 | 91   | 268989   | 45.47  | ug/l   | 99     |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105  | 34390    | 8.06   | ug/l   | 99     |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105  | 858006   | 182.59 | ug/l   | 99     |
| 85) sec-Butylbenzene       | 11.95 | 105  | 59371    | 11.25  | ug/l   | 94     |
| 86) p-Isopropyltoluene     | 12.07 | 119  | 53295    | 11.40  | ug/l   | 98     |
| 89) n-Butylbenzene         | 12.39 | 91   | 151598   | 34.99  | ug/l # | 60     |
| 95) Naphthalene            | 13.83 | 128  | 591897   | 93.73  | ug/l # | 96     |

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

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