

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\  
 Data File : VW003510.D  
 Acq On : 24 Jun 2018 15:05  
 Operator : SY/AP  
 Sample : J3669-12  
 Misc : 7.13G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 WP021SB483-27-29-180620

Manual Integrations  
 APPROVED

apatel  
 6/26/2018 12:52:14 PM

Quant Time: Jun 24 23:56:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W061318S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 05:18:54 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 169909   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 272517   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 273716   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 389192   | 50.00 | ug/l  | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 109019   | 59.24  | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 118.48% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 93260    | 55.07  | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 110.14% |          |
| 50) Toluene-d8              | 10.33 | 98   | 409327   | 60.96  | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 121.92% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 489503   | 206.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 412.00% |          |

| Target Compounds              | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|-------|------|----------|---------|--------|--------|
| 9) 1,1,2-Trichlorotrifluoroet | 4.06  | 101  | 11820    | 7.51    | ug/l   | 97     |
| 16) Acetone                   | 4.14  | 43   | 28583    | 74.05   | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.37  | 76   | 12628    | 2.78    | ug/l   | 99     |
| 20) Methylene Chloride        | 4.90  | 84   | 17431    | 7.51    | ug/l # | 89     |
| 27) cis-1,2-Dichloroethene    | 7.17  | 96   | 2162     | 1.18    | ug/l   | 90     |
| 31) Cyclohexane               | 7.95  | 56   | 155578   | 52.32   | ug/l   | 96     |
| 39) Methylcyclohexane         | 9.34  | 83   | 706608   | 232.04  | ug/l # | 77     |
| 40) Benzene                   | 8.32  | 78   | 149604   | 20.62   | ug/l   | 99     |
| 44) Trichloroethene           | 9.10  | 130  | 10948    | 5.70    | ug/l   | 90     |
| 52) Toluene                   | 10.39 | 92   | 1389729  | 298.74  | ug/l   | 98     |
| 65) Chlorobenzene             | 11.66 | 112  | 21823644 | 3828.77 | ug/l # | 30     |
| 67) Ethyl Benzene             | 11.74 | 91   | 2175234  | 215.29  | ug/l   | 99     |
| 68) m/p-Xylenes               | 11.85 | 106  | 1707245  | 444.50  | ug/l   | 98     |
| 69) o-Xylene                  | 12.17 | 106  | 1487281  | 417.83  | ug/l   | 97     |
| 73) Isopropylbenzene          | 12.48 | 105  | 1001025  | 36.98   | ug/l   | 99     |
| 78) n-propylbenzene           | 12.82 | 91   | 1873136  | 56.51   | ug/l   | 100    |
| 80) 1,3,5-Trimethylbenzene    | 12.95 | 105  | 2687212  | 118.27  | ug/l   | 96     |
| 83) tert-Butylbenzene         | 13.22 | 119  | 656339   | 33.89   | ug/l   | 97     |
| 84) 1,2,4-Trimethylbenzene    | 13.27 | 105  | 10845438 | 464.01  | ug/l   | 97     |
| 85) sec-Butylbenzene          | 13.40 | 105  | 1697719  | 58.98   | ug/l # | 43     |
| 86) p-Isopropyltoluene        | 13.51 | 119  | 561811   | 22.13   | ug/l   | 98     |
| 87) 1,3-Dichlorobenzene       | 13.51 | 146  | 3284134m | 253.58  | ug/l   |        |
| 88) 1,4-Dichlorobenzene       | 13.59 | 146  | 11472374 | 891.05  | ug/l   | 91     |
| 89) n-Butylbenzene            | 13.83 | 91   | 1218486m | 49.24   | ug/l   |        |
| 91) 1,2-Dichlorobenzene       | 13.88 | 146  | 3725219  | 328.37  | ug/l # | 85     |
| 95) Naphthalene               | 15.38 | 128  | 3136871  | 232.20  | ug/l   | 96     |

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

