

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\  
 Data File : VF060794.D  
 Acq On : 19 Nov 2018 23:51  
 Operator : VA/AP  
 Sample : J5950-14  
 Misc : 5.80µ/5mL/MSVOA-F/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 SSI-08

Manual Integrations  
 APPROVED

apatel  
 11/20/2018 1:18:39 PM

Quant Time: Nov 20 03:29:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F111318S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 14 03:11:14 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 4.89  | 168  | 194839   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.61  | 114  | 320863   | 50.00  | ug/l    | -0.01    |
| 63) Chlorobenzene-d5        | 9.79  | 117  | 262336   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.56 | 152  | 144063   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 4.86  | 65   | 97816    | 44.01  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 88.02%  |          |
| 35) Dibromofluoromethane    | 4.12  | 113  | 128895   | 53.44  | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =      | 106.88% |          |
| 50) Toluene-d8              | 7.56  | 98   | 326037   | 52.89  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.78% |          |
| 62) 4-Bromofluorobenzene    | 11.42 | 95   | 142540   | 49.94  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.88%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 20) Methylene Chloride      | 2.19  | 84   | 7042m    | 1.697  | ug/l    | Qvalue   |
| 67) Ethyl Benzene           | 9.91  | 91   | 129487   | 12.977 | ug/l    | 97       |
| 68) m/p-Xylenes             | 10.15 | 106  | 231024   | 64.785 | ug/l    | 94       |
| 69) o-Xylene                | 10.73 | 106  | 92991    | 23.194 | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 12.22 | 105  | 9937     | 1.044  | ug/l    | 90       |

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

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