

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\  
 Data File : VF060608.D  
 Acq On : 6 Nov 2018 11:29  
 Operator : VA/AP  
 Sample : J5776-01  
 Misc : 5.32/5mL/MSVOA-F/SOIL  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 NJ-GREEN

Manual Integrations  
 APPROVED

MMDadoda  
 11/6/2018 12:53:59 PM

Quant Time: Nov 06 11:00:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F110218S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 03 05:29:31 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 4.88  | 168  | 301089   | 50.00 | ug/l    | 0.01     |
| 34) 1,4-Difluorobenzene     | 5.61  | 114  | 565097   | 50.00 | ug/l    | 0.01     |
| 63) Chlorobenzene-d5        | 9.79  | 117  | 512258   | 50.00 | ug/l    | 0.01     |
| 72) 1,4-Dichlorobenzene-d4  | 12.57 | 152  | 282624   | 50.00 | ug/l    | 0.01     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 4.86  | 65   | 158941   | 52.25 | ug/l    | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.50% |          |
| 35) Dibromofluoromethane    | 4.13  | 113  | 216603   | 49.61 | ug/l    | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.22%  |          |
| 50) Toluene-d8              | 7.57  | 98   | 560580   | 43.34 | ug/l    | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 86.68%  |          |
| 62) 4-Bromofluorobenzene    | 11.42 | 95   | 266355   | 47.08 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.16%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 20) Methylene Chloride      | 2.19  | 84   | 22856m   | 5.938 | ug/l    | Qvalue   |

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

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