

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\  
 Data File : VF059818.D  
 Acq On : 2 Aug 2018 23:21  
 Operator : VA/AP  
 Sample : J4267-12  
 Misc : 5.10µ/5mL/MSVOA F/SOIL  
 ALS Vial : 97 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 UST-S

**Manual Integrations**  
**APPROVED**  
 apatel  
 8/3/2018 4:01:20 PM

Quant Time: Aug 03 07:58:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 31 15:23:22 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	82410	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	5.76	114	148694	50.00	µg/l	0.00
63) Chlorobenzene-d5	9.91	117	61937	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	41698	50.00	µg/l	0.00
<b>System Monitoring Compounds</b>						
33) 1,2-Dichloroethane-d4	5.02	65	121953	82.34	µg/l	0.00
Spiked Amount	50.000		Recovery	=	164.68%	
35) Dibromofluoromethane	4.28	113	89547	57.98	µg/l	0.00
Spiked Amount	50.000		Recovery	=	115.96%	
50) Toluene-d8	7.70	98	66882	18.57	µg/l	0.00
Spiked Amount	50.000		Recovery	=	37.14%	
62) 4-Bromofluorobenzene	11.51	95	149723	75.09	µg/l	0.00
Spiked Amount	50.000		Recovery	=	150.18%	
<b>Target Compounds</b>						
39) Methylcyclohexane	5.62	83	34766	28.42	µg/l	85
69) o-Xylene	10.82	106	28075	35.54	µg/l	88
80) 1,3,5-Trimethylbenzene	11.91	105	284426	139.27	µg/l	96
85) sec-Butylbenzene	12.39	105	46474	12.60	µg/l	87
86) p-Isopropyltoluene	12.54	119	184533m	78.98	µg/l	

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

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