

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060756.D
 Acq On : 15 Nov 2018 19:43
 Operator : VA/AP
 Sample : J5911-02
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FDSB-09(16-18)

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 1:25:52 PM

Quant Time: Nov 16 05:48:21 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	4.87	168	185048	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	300785	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	271734	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	154993	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	83029	39.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	78.68%	
35) Dibromofluoromethane	4.11	113	83582	36.97	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	73.94%	
50) Toluene-d8	7.55	98	225097	37.91	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	75.82%	
62) 4-Bromofluorobenzene	11.41	95	112343	41.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	2.43	73	6377	1.76	ug/l	# 83
20) Methylene Chloride	2.23	84	14682m	7.35	ug/l	
30) Chloroform	3.86	83	14430	2.91	ug/l	98
39) Methylcyclohexane	5.47	83	5375	1.33	ug/l	96
73) Isopropylbenzene	11.12	105	20430	1.64	ug/l	91
78) n-propylbenzene	11.60	91	47444	3.26	ug/l	95
84) 1,2,4-Trimethylbenzene	12.21	105	13176	1.29	ug/l	87
85) sec-Butylbenzene	12.31	105	15883	1.11	ug/l	# 74
86) p-Isopropyltoluene	12.46	119	23586	1.98	ug/l	90
89) n-Butylbenzene	12.85	91	23851	1.96	ug/l	87
95) Naphthalene	14.46	128	17643	2.76	ug/l	95

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

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