

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060745.D
 Acq On : 15 Nov 2018 14:27
 Operator : VA/AP
 Sample : J5915-08
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T-8

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 1:25:47 PM

Quant Time: Nov 16 04:46:16 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	4.86	168	248040	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	439036	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	372753	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	196368	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	112443	39.74	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	79.48%	
35) Dibromofluoromethane	4.09	113	128449	38.92	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	77.84%	
50) Toluene-d8	7.54	98	327424	37.76	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.52%	
62) 4-Bromofluorobenzene	11.40	95	163805	41.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.23	84	17904m	6.41	ug/l	
39) Methylcyclohexane	5.44	83	81149	13.74	ug/l #	78
52) Toluene	7.61	92	17986	2.36	ug/l	99
67) Ethyl Benzene	9.89	91	407850	28.77	ug/l	99
68) m/p-Xylenes	10.12	106	626475	123.64	ug/l	98
69) o-Xylene	10.70	106	227546	39.94	ug/l	98
73) Isopropylbenzene	11.11	105	187448	11.86	ug/l	97
78) n-propylbenzene	11.59	91	1069278	58.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.81	105	1306512	104.11	ug/l	95
84) 1,2,4-Trimethylbenzene	12.20	105	2937850	226.37	ug/l	93
85) sec-Butylbenzene	12.30	105	251348	13.91	ug/l #	62
86) p-Isopropyltoluene	12.45	119	86387m	5.72	ug/l	
89) n-Butylbenzene	12.84	91	851732	55.29	ug/l #	75
95) Naphthalene	14.45	128	312188	38.61	ug/l #	95

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

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