

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061367.D
 Acq On : 11 Jan 2019 14:45
 Operator : VA/AP
 Sample : K1119-01
 Misc : 5.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DS-A

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 1:16:48 PM

Quant Time: Jan 12 03:59:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	136842	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	240255	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	174067	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	66619	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	81880	53.76	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	4.10	113	96589	52.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	7.53	98	253876	46.67	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.34%	
62) 4-Bromofluorobenzene	11.40	95	101644	42.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.17	84	12070	8.052	ug/l #	80
39) Methylcyclohexane	5.44	83	4236	1.207	ug/l #	74
52) Toluene	7.60	92	27442	6.518	ug/l	88
67) Ethyl Benzene	9.88	91	107608	15.878	ug/l	96
68) m/p-Xylenes	10.12	106	156851	66.348	ug/l	99
69) o-Xylene	10.70	106	95476	36.154	ug/l	99
73) Isopropylbenzene	11.11	105	70267	11.987	ug/l	98
78) n-propylbenzene	11.58	91	246262	35.234	ug/l	95
80) 1,3,5-Trimethylbenzene	11.81	105	310352	66.535	ug/l	99
84) 1,2,4-Trimethylbenzene	12.20	105	944812	204.015	ug/l	99
85) sec-Butylbenzene	12.30	105	158546	23.960	ug/l	94
86) p-Isopropyltoluene	12.44	119	75291m	13.989	ug/l	
89) n-Butylbenzene	12.83	91	229710	41.538	ug/l #	69

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

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