

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061335.D
 Acq On : 10 Jan 2019 9:24
 Operator : VA/AP
 Sample : K1099-01
 Misc : 6.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-15

Manual Integrations
 APPROVED

MMDadoda
 1/10/2019 3:33:27 PM

Quant Time: Jan 10 15:40:14 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	4.88	168	35252	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	46952	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	26671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	9573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	6106	15.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	31.12%	
35) Dibromofluoromethane	4.12	113	9918	27.61	ug/l	0.01
Spiked Amount 50.000			Recovery	=	55.22%	
50) Toluene-d8	7.57	98	43655	41.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.12%	
62) 4-Bromofluorobenzene	11.42	95	14986	32.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	64.56%	
Target Compounds						
					Qvalue	
31) Cyclohexane	3.71	56	464209	583.936	ug/l	93
39) Methylcyclohexane	5.47	83	817037	1190.939	ug/l	96
52) Toluene	7.64	92	68575	83.347	ug/l	89
67) Ethyl Benzene	9.92	91	171824	165.465	ug/l	96
68) m/p-Xylenes	10.14	106	348774	962.861	ug/l	97
69) o-Xylene	10.72	106	128155	316.720	ug/l	98
73) Isopropylbenzene	11.14	105	57472	68.227	ug/l	93
78) n-propylbenzene	11.60	91	263038	261.896	ug/l	96
80) 1,3,5-Trimethylbenzene	11.83	105	309564	461.842	ug/l	99
84) 1,2,4-Trimethylbenzene	12.21	105	800341	1202.657	ug/l	99
85) sec-Butylbenzene	12.31	105	36351	38.230	ug/l #	59
86) p-Isopropyltoluene	12.47	119	11201m	14.483	ug/l	
89) n-Butylbenzene	12.85	91	106316	133.789	ug/l #	80
95) Naphthalene	14.46	128	18374	45.357	ug/l #	89

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

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