

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061097.D
 Acq On : 19 Dec 2018 21:00
 Operator : VA/AP
 Sample : J6452-01
 Misc : 8.61g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MIHPT-20(17-20)

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 5:19:32 PM

Quant Time: Dec 20 07:13:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	137867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	262064	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	75515	50.00	ug/l	0.13
72) 1,4-Dichlorobenzene-d4	12.57	152	40978	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	99421	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
35) Dibromofluoromethane	4.12	113	93400	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
50) Toluene-d8	7.56	98	204750	34.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.84%	
62) 4-Bromofluorobenzene	11.43	95	124176m	45.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.58	59	11005	153.795	ug/l #	80
16) Acetone	2.24	43	117174	330.549	ug/l	94
25) 2-Butanone	4.34	43	48653	84.628	ug/l #	84
27) cis-1,2-Dichloroethene	3.48	96	4243	2.132	ug/l	65
31) Cyclohexane	3.76	56	237194	91.578	ug/l #	66
39) Methylcyclohexane	5.46	83	506529	178.488	ug/l	99
40) Benzene	4.64	78	5506235	809.420	ug/l	99
52) Toluene	7.63	92	101380	22.514	ug/l	97
65) Chlorobenzene	9.91	112	19708160	12633.146	ug/l #	54
68) m/p-Xylenes	10.16	106	74027	74.012	ug/l	82
69) o-Xylene	10.74	106	259803	234.206	ug/l	84
73) Isopropylbenzene	11.16	105	353197	100.019	ug/l	94
80) 1,3,5-Trimethylbenzene	11.85	105	27652	9.510	ug/l	85
83) tert-Butylbenzene	12.15	119	76459	25.553	ug/l #	51
84) 1,2,4-Trimethylbenzene	12.23	105	1313236	452.895	ug/l	94
85) sec-Butylbenzene	12.34	105	588563	150.729	ug/l #	72
86) p-Isopropyltoluene	12.49	119	231529m	71.434	ug/l	
87) 1,3-Dichlorobenzene	12.50	146	448813	399.367	ug/l #	74
88) 1,4-Dichlorobenzene	12.59	146	680755	487.698	ug/l #	78
95) Naphthalene	14.46	128	584874	332.334	ug/l #	93

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

