

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004229.D
 Acq On : 30 Mar 2021 12:55
 Operator : SY/MD
 Sample : M1836-11
 Misc : 12.76g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B5-8-10

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 4:20:35 PM

Quant Time: Mar 31 01:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	287147	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	516342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	460725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	221274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	168280	60.96	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	121.92%		
35) Dibromofluoromethane	7.728	113	46586	16.19	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	32.38%#		
50) Toluene-d8	10.185	98	768986	71.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	142.14%#		
62) 4-Bromofluorobenzene	12.483	95	246033	66.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	132.68%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	2191775	9757.60	ug/l	97
16) Acetone	3.948	43	2190590	3809.09	ug/l #	55
17) Carbon Disulfide	4.204	76	17265	2.53	ug/l	96
25) 2-Butanone	6.996	43	391205	407.20	ug/l #	53
31) Cyclohexane	7.795	56	8339465	1709.46	ug/l	89
39) Methylcyclohexane	9.191	83	7044428	1207.06	ug/l	93
40) Benzene	8.161	78	31498570m	2357.54	ug/l	
52) Toluene	10.252	92	11123451	1294.92	ug/l	84
67) Ethyl Benzene	11.587	91	23491435m	1407.90	ug/l	
68) m/p-Xylenes	11.709	106	19067564	2976.16	ug/l #	1
69) o-Xylene	12.038	106	8432282	1406.64	ug/l	82
73) Isopropylbenzene	12.337	105	4675516	289.23	ug/l	100
78) n-propylbenzene	12.678	91	12122817	648.16	ug/l	94
80) 1,3,5-Trimethylbenzene	12.818	105	4819137	365.43	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	12896248	974.95	ug/l	91
85) sec-Butylbenzene	13.257	105	836159	53.30	ug/l #	52
86) p-Isopropyltoluene	13.373	119	181209m	12.42	ug/l	
89) n-Butylbenzene	13.696	91	1668866	124.36	ug/l #	73
95) Naphthalene	15.239	128	3706464	387.87	ug/l	99

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

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