

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006176.D
 Acq On : 27 Sep 2021 20:12
 Operator : SY/MD
 Sample : M3872-01RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-LPA-01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 7:07:22 PM

Quant Time: Sep 28 06:24:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	60178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	93284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	78480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62933	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	34315	41.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.100%		
35) Dibromofluoromethane	7.722	113	26047	44.955	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.900%		
50) Toluene-d8	10.179	98	142088	57.539	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	115.080%		
62) 4-Bromofluorobenzene	12.477	95	87380	104.220	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	208.440%#		
Target Compounds					Qvalue	
16) Acetone	4.003	43	8065m	35.177	ug/l	
17) Carbon Disulfide	4.186	76	27495	13.702	ug/l	100
31) Cyclohexane	7.777	56	66723	49.828	ug/l	# 80
39) Methylcyclohexane	9.185	83	303668	243.340	ug/l	98
40) Benzene	8.161	78	14404	4.989	ug/l	95
52) Toluene	10.246	92	2820	1.585	ug/l	75
67) Ethyl Benzene	11.593	91	551542	172.791	ug/l	99
68) m/p-Xylenes	11.709	106	431487	356.496	ug/l	98
69) o-Xylene	12.032	106	63948	55.940	ug/l	91
73) Isopropylbenzene	12.331	105	471435	95.663	ug/l	100
78) n-propylbenzene	12.672	91	281447	46.159	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1081036	264.498	ug/l	100
83) tert-Butylbenzene	13.075	119	45728	13.081	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	2619748	646.070	ug/l	98
85) sec-Butylbenzene	13.258	105	202286	38.657	ug/l	# 63
86) p-Isopropyltoluene	13.373	119	234028	52.385	ug/l	96
89) n-Butylbenzene	13.696	91	194245	46.496	ug/l	# 69

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

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