

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014952.D
 Acq On : 03 Aug 2023 16:39
 Operator : SY/MD
 Sample : 03880-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1272

Quant Time: Aug 04 04:32:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	217937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327758	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139609	56.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.440%	
35) Dibromofluoromethane	7.716	113	120186	50.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.179	98	505146	57.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.600%	
62) 4-Bromofluorobenzene	12.477	95	211406	62.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 125.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	58346	102.273	ug/l #	92
16) Acetone	3.948	43	22507062	28599.165	ug/l #	83
17) Carbon Disulfide	4.192	76	11734	1.910	ug/l	96
20) Methylene Chloride	4.704	84	48768	16.223	ug/l #	87
25) 2-Butanone	6.984	43	350449	304.381	ug/l	95
31) Cyclohexane	7.765	56	478548m	116.079	ug/l	
39) Methylcyclohexane	9.179	83	582742	125.091	ug/l	94
40) Benzene	8.155	78	58982	5.800	ug/l	100
52) Toluene	10.240	92	10876409	1671.355	ug/l	77
67) Ethyl Benzene	11.587	91	2015858	159.856	ug/l	99
68) m/p-Xylenes	11.697	106	2608022	541.789	ug/l	95
69) o-Xylene	12.026	106	1289401	275.007	ug/l	99
73) Isopropylbenzene	12.325	105	649246	53.464	ug/l	100
78) n-propylbenzene	12.666	91	2314855	158.193	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	2267656	223.599	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	7336323	737.111	ug/l	95
85) sec-Butylbenzene	13.251	105	906303	68.675	ug/l	86
86) p-Isopropyltoluene	13.367	119	450110	41.774	ug/l	98
89) n-Butylbenzene	13.696	91	1621786	154.707	ug/l #	74
95) Naphthalene	15.233	128	252839	34.588	ug/l #	94

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

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