

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004228.D
 Acq On : 30 Mar 2021 12:32
 Operator : SY/MD
 Sample : M1836-10
 Misc : 8.56g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B5-0-2

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 4:20:33 PM

Quant Time: Mar 31 01:44:12 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	310549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	525360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	483804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	220204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	185375	62.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.18%			
35) Dibromofluoromethane	7.728	113	163961	56.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.02%			
50) Toluene-d8	10.185	98	687131	62.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 124.82%			
62) 4-Bromofluorobenzene	12.483	95	230059	60.97	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 121.94%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	75396	310.36	ug/l #	71
17) Carbon Disulfide	4.204	76	12192	1.65	ug/l	96
25) 2-Butanone	6.996	43	88060	84.75	ug/l #	65
31) Cyclohexane	7.789	56	1789868	339.25	ug/l #	85
39) Methylcyclohexane	9.191	83	2090407	352.04	ug/l	94
40) Benzene	8.173	78	8238099	606.01	ug/l	97
52) Toluene	10.252	92	1460115	167.06	ug/l	100
67) Ethyl Benzene	11.599	91	11493430	655.97	ug/l #	89
68) m/p-Xylenes	11.703	106	7908078	1175.45	ug/l	89
69) o-Xylene	12.032	106	2612931	415.09	ug/l	100
73) Isopropylbenzene	12.331	105	2219733	137.98	ug/l	99
78) n-propylbenzene	12.672	91	4132692	222.03	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	2753334	209.80	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	7926506	602.15	ug/l	97
85) sec-Butylbenzene	13.257	105	211629m	13.56	ug/l	
86) p-Isopropyltoluene	13.373	119	92848m	6.39	ug/l	
89) n-Butylbenzene	13.696	91	269787	20.20	ug/l #	68
95) Naphthalene	15.239	128	1636431	172.08	ug/l	99

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

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