

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005548.D
 Acq On : 05 Aug 2021 12:18
 Operator : SY/MD
 Sample : M3281-01RE
 Misc : 6.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TWP03RE

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:44 PM

Quant Time: Aug 06 04:37:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	241411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	393310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	319128	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	258282	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	142319	58.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.480%	
35) Dibromofluoromethane	7.728	113	117479	53.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.700%	
50) Toluene-d8	10.185	98	590514	63.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 127.880%	
62) 4-Bromofluorobenzene	12.477	95	371295	121.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 242.820%#	
Target Compounds						Qvalue
16) Acetone	3.960	43	20473	33.229	ug/l	96
17) Carbon Disulfide	4.204	76	18871	2.942	ug/l	98
25) 2-Butanone	7.003	43	9123	10.017	ug/l #	69
31) Cyclohexane	7.795	56	78620	18.757	ug/l	98
39) Methylcyclohexane	9.185	83	534819	113.954	ug/l	96
40) Benzene	8.167	78	37965	3.594	ug/l	94
52) Toluene	10.246	92	34682	5.149	ug/l	94
67) Ethyl Benzene	11.593	91	50966	4.377	ug/l	98
68) m/p-Xylenes	11.703	106	80653	17.832	ug/l	83
69) o-Xylene	12.032	106	38537	8.865	ug/l	53
73) Isopropylbenzene	12.331	105	353864	19.628	ug/l	98
78) n-propylbenzene	12.672	91	536783	25.068	ug/l	95
80) 1,3,5-Trimethylbenzene	12.819	105	119145	7.963	ug/l	99
83) tert-Butylbenzene	13.075	119	186290	13.876	ug/l	86
84) 1,2,4-Trimethylbenzene	13.123	105	319431	21.637	ug/l	100
85) sec-Butylbenzene	13.258	105	1189082	61.405	ug/l #	73
86) p-Isopropyltoluene	13.373	119	57027m	3.430	ug/l	
89) n-Butylbenzene	13.703	91	729557	48.436	ug/l #	74

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

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