

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014719.D
 Acq On : 20 Jul 2023 14:31
 Operator : SY/MD
 Sample : 03632-06
 Misc : 8.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-(3-5)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 21 06:51:14 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	7.801	168	140791	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.703	114	271633	50.000	ug/l	# 0.02
63) Chlorobenzene-d5	11.496	117	156385	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152487	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	312369m	194.699	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 389.400%#			
35) Dibromofluoromethane	7.722	113	82013	47.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.860%			
50) Toluene-d8	10.227	98	1534325	240.678	ug/l	0.05
Spiked Amount 50.000	Range 58 - 134		Recovery = 481.360%#			
62) 4-Bromofluorobenzene	12.526	95	597559	244.458	ug/l	0.05
Spiked Amount 50.000	Range 30 - 143		Recovery = 488.920%#			
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.192	76	9160	2.308	ug/l	# 94
67) Ethyl Benzene	11.617	91	9469672	1573.846	ug/l	# 88
68) m/p-Xylenes	11.721	106	1656109	721.051	ug/l	93
73) Isopropylbenzene	12.343	105	13496385	1130.369	ug/l	94
78) n-propylbenzene	12.672	91	24554823m	1706.666	ug/l	
80) 1,3,5-Trimethylbenzene	12.776	105	12189708	1222.460	ug/l	78
83) tert-Butylbenzene	13.081	119	106880	12.083	ug/l	# 18
84) 1,2,4-Trimethylbenzene	13.123	105	254483m	26.005	ug/l	
85) sec-Butylbenzene	13.257	105	3859196	297.421	ug/l	# 47
86) p-Isopropyltoluene	13.373	119	678812m	64.074	ug/l	
89) n-Butylbenzene	13.696	91	6946109	673.918	ug/l	# 87

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

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