

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014658.D
 Acq On : 14 Jul 2023 19:26
 Operator : SY/MD
 Sample : 03632-07
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-(9-11)

Quant Time: Jul 14 23:16:06 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2023
 Supervised By :Semsettin Yesilyurt 07/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	140223	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	321023	50.000	ug/l	# 0.01
63) Chlorobenzene-d5	11.495	117	291996	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	252777	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87889	55.003	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.000%	
35) Dibromofluoromethane	7.716	113	104399	51.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.180%	
50) Toluene-d8	10.197	98	1382753	183.531	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 367.060%#	
62) 4-Bromofluorobenzene	12.520	95	290679	100.620	ug/l	0.04
Spiked Amount	50.000	Range	30 - 143	Recovery	= 201.240%#	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	3706877	7320.731	ug/l	# 58
17) Carbon Disulfide	4.192	76	4025	1.018	ug/l	# 92
25) 2-Butanone	6.996	43	2563262	3460.169	ug/l	# 50
30) Chloroform	7.478	83	3993053	1357.662	ug/l	# 20
39) Methylcyclohexane	9.185	83	13752545	3454.127	ug/l	# 86
40) Benzene	8.173	78	599764	69.005	ug/l	95
52) Toluene	10.258	92	1344338	241.711	ug/l	99
67) Ethyl Benzene	11.599	91	21042619	1873.033	ug/l	# 70
68) m/p-Xylenes	11.709	106	14327065	3340.813	ug/l	# 72
69) o-Xylene	12.038	106	8643481	2069.290	ug/l	82
73) Isopropylbenzene	12.337	105	8809701	445.102	ug/l	97
78) n-propylbenzene	12.672	91	22436431	940.721	ug/l	# 72
80) 1,3,5-Trimethylbenzene	12.825	105	17023406	1029.872	ug/l	70
84) 1,2,4-Trimethylbenzene	13.117	105	29574485m	1823.120	ug/l	
85) sec-Butylbenzene	13.257	105	6081353	282.729	ug/l	# 51
86) p-Isopropyltoluene	13.379	119	2885872	164.327	ug/l	97
89) n-Butylbenzene	13.709	91	16418264	960.922	ug/l	# 78
95) Naphthalene	15.233	128	6888640	578.173	ug/l	97

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

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