

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077139.D
 Acq On : 18 Sep 2023 19:36
 Operator : JC/SY
 Sample : 04436-09
 Misc : 5.26G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B102-08(5-5.5)

Quant Time: Sep 19 04:59:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	198949	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	502878	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.587	117	444745	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.498	152	640754	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90263	44.956	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.920%		
35) Dibromofluoromethane	7.805	113	119964	34.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	68.680%		
50) Toluene-d8	10.275	98	6451864	518.936	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	1037.880%#		
62) 4-Bromofluorobenzene	12.575	95	1848041	479.575	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	959.140%#		
Target Compounds					Qvalue	
16) Acetone	4.011	43	258983	564.366	ug/l #	51
17) Carbon Disulfide	4.269	76	79108	10.383	ug/l	99
31) Cyclohexane	7.887	56	24461196	6963.780	ug/l	97
39) Methylcyclohexane	9.263	83	37209750m	6147.738	ug/l	
40) Benzene	8.252	78	2158203	132.607	ug/l	100
52) Toluene	10.340	92	314765	30.232	ug/l #	67
65) Chlorobenzene	11.610	112	3950077	377.553	ug/l	97
67) Ethyl Benzene	11.693	91	1901485	105.736	ug/l	94
68) m/p-Xylenes	11.798	106	536612	74.526	ug/l #	66
73) Isopropylbenzene	12.422	105	16562838	349.830	ug/l	93
78) n-propylbenzene	12.757	91	22277684m	384.952	ug/l	
84) 1,2,4-Trimethylbenzene	13.216	105	323742m	8.074	ug/l	
85) sec-Butylbenzene	13.351	105	8063770	159.074	ug/l #	67
86) p-Isopropyltoluene	13.463	119	826359m	19.216	ug/l	
89) n-Butylbenzene	13.792	91	9385908	236.595	ug/l #	77
95) Naphthalene	15.334	128	970456	41.266	ug/l	96

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

