

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014993.D
 Acq On : 08 Aug 2023 18:21
 Operator : SY/MD
 Sample : 03903-10
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-10

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 09 01:04:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	229931	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	456809	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	455580	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	195987m	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	191499	68.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 137.440%		
35) Dibromofluoromethane	7.716	113	147791	50.593	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 101.180%		
50) Toluene-d8	10.228	98	7996656m	719.204	ug/l	0.05
Spiked Amount 50.000	Range 58 - 134		Recovery	= 1438.400%#		
62) 4-Bromofluorobenzene	12.495	95	6168570	1565.351	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery	= 3130.700%#		
Target Compounds						Qvalue
16) Acetone	3.948	43	175196	201.602	ug/l	# 87
17) Carbon Disulfide	4.192	76	50500	12.568	ug/l	99
31) Cyclohexane	7.789	56	15648217	5834.269	ug/l	# 49
39) Methylcyclohexane	9.209	83	51141200	11857.642	ug/l	# 91
55) 1,1,2-Trichloroethane	10.545	97	99080094m	37285.296	ug/l	
67) Ethyl Benzene	11.624	91	1677209m	110.552	ug/l	
68) m/p-Xylenes	11.733	106	1050631	181.027	ug/l	96
73) Isopropylbenzene	12.349	105	3580633	271.783	ug/l	99
78) n-propylbenzene	12.684	91	8542055	542.095	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	1985623	182.892	ug/l	98
83) tert-Butylbenzene	13.081	119	1092099	109.960	ug/l	78
84) 1,2,4-Trimethylbenzene	13.123	105	8413543	773.488	ug/l	95
85) sec-Butylbenzene	13.257	105	6626676	454.614	ug/l	# 35
86) p-Isopropyltoluene	13.373	119	621015m	51.469	ug/l	
89) n-Butylbenzene	13.696	91	4785493	422.124	ug/l	# 84

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

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