

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014669.D
 Acq On : 17 Jul 2023 13:57
 Operator : SY/MD
 Sample : 03613-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-071323

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 06:08:54 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	7.789	168	15657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	25472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8344	46.767	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.540%		
35) Dibromofluoromethane	7.710	113	6516	40.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.380%		
50) Toluene-d8	10.179	98	29813	49.871	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.740%		
62) 4-Bromofluorobenzene	12.483	95	9538	41.610	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.220%		
Target Compounds						Qvalue
3) Chloromethane	2.113	50	847	5.907	ug/l	92
5) Bromomethane	2.650	94	796	7.516	ug/l	90
69) o-Xylene	12.020	106	397	1.328	ug/l	94
78) n-propylbenzene	12.672	91	1426	1.773	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	1093	1.960	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	1449	2.648	ug/l	95
85) sec-Butylbenzene	13.251	105	1686	2.324	ug/l	99
86) p-Isopropyltoluene	13.367	119	1192m	2.012	ug/l	
89) n-Butylbenzene	13.690	91	1343m	2.330	ug/l	

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

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