

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012220.D
 Acq On : 17 Jan 2023 13:26
 Operator : KP/MD
 Sample : 01167-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-011623

Quant Time: Jan 18 00:32:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	8697	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	15928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	19334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8360	121.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 243.200%#	
35) Dibromofluoromethane	7.722	113	4630	54.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.800%	
50) Toluene-d8	10.179	98	20173	70.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 141.680%#	
62) 4-Bromofluorobenzene	12.483	95	9834	82.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 165.420%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	1088	9.203	ug/l	# 89
39) Methylcyclohexane	9.179	83	1268	7.239	ug/l	# 88
67) Ethyl Benzene	11.587	91	2695	3.812	ug/l	98
68) m/p-Xylenes	11.697	106	2559	9.155	ug/l	89
69) o-Xylene	12.026	106	1181	4.423	ug/l	89
73) Isopropylbenzene	12.331	105	4942	6.263	ug/l	98
78) n-propylbenzene	12.672	91	16506	17.877	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	3697	5.390	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	19770	29.227	ug/l	94
85) sec-Butylbenzene	13.251	105	7403	8.698	ug/l	# 72
86) p-Isopropyltoluene	13.367	119	2987	4.017	ug/l	93
89) n-Butylbenzene	13.696	91	12947	20.090	ug/l	# 81

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

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