

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007170.D
 Acq On : 14 Jan 2022 15:44
 Operator : SY/MD
 Sample : N1143-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-BOILER-ROOM-BOTTOM

Quant Time: Jan 17 04:54:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	57080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	100583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	86866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	31993	45.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.716	113	32182	47.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.640%
50) Toluene-d8	10.179	98	125099	50.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.471	95	100692	113.904	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	227.800%#
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	2041	11.229	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	3032	2.384	ug/l	96
39) Methylcyclohexane	9.185	83	4818	3.633	ug/l	93
67) Ethyl Benzene	11.593	91	39039	10.936	ug/l	96
68) m/p-Xylenes	11.697	106	27562	20.776	ug/l	85
69) o-Xylene	12.026	106	38233	30.603	ug/l	86
73) Isopropylbenzene	12.331	105	175909	35.559	ug/l	100
78) n-propylbenzene	12.672	91	711164	115.967	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1362572	335.456	ug/l	99
83) tert-Butylbenzene	13.075	119	283570	80.794	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	3937238	977.909	ug/l	98
85) sec-Butylbenzene	13.251	105	469285	89.375	ug/l #	54
86) p-Isopropyltoluene	13.367	119	485390	112.489	ug/l	99
89) n-Butylbenzene	13.696	91	551957	129.913	ug/l #	76
95) Naphthalene	15.233	128	270464	111.702	ug/l	100

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

