

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013651.D
 Acq On : 08 May 2023 15:59
 Operator : KP/MD
 Sample : 02658-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 503

Quant Time: May 09 04:58:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	344868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90019	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133076	60.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.440%
35) Dibromofluoromethane	7.716	113	114396	52.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.480%
50) Toluene-d8	10.179	98	390334	50.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.180%
62) 4-Bromofluorobenzene	12.477	95	104979	40.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.720%

Target Compounds					Qvalue	
15) Acrylonitrile	5.180	53	2352	3.183	ug/l #	84
16) Acetone	3.948	43	55010	63.207	ug/l	94
17) Carbon Disulfide	4.186	76	7230	1.062	ug/l #	93
52) Toluene	10.240	92	47524	7.788	ug/l	98
67) Ethyl Benzene	11.593	91	11044	1.050	ug/l	94
68) m/p-Xylenes	11.697	106	18572	4.644	ug/l	98
69) o-Xylene	12.026	106	8511	2.250	ug/l	89
80) 1,3,5-Trimethylbenzene	12.806	105	7026	1.264	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	27711	5.129	ug/l	96
86) p-Isopropyltoluene	13.367	119	44521	7.662	ug/l	91

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

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